

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
 Data File : BM035807.D
 Acq On : 14 Jul 2022 11:43
 Operator : CG/JU
 Sample : PB146151BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146151BS

Quant Time: Jul 15 01:08:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	380852	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1716508	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1054114	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	2133748	20.000	ng	0.00
76) Chrysene-d12	21.462	240	2097164	20.000	ng	0.00
86) Perylene-d12	23.844	264	2294509	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3058955	130.460	ng	0.00
7) Phenol-d6	7.081	99	3945404	134.522	ng	0.01
23) Nitrobenzene-d5	9.081	82	2276965	75.833	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	1510717	141.127	ng	0.01
45) 2-Fluorobiphenyl	13.180	172	5236105	69.275	ng	0.00
79) Terphenyl-d14	19.909	244	8249367	76.358	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	246963	24.970	ng	95
3) Pyridine	3.722	79	744544	29.006	ng	90
4) n-Nitrosodimethylamine	3.646	42	428619	37.937	ng	# 68
6) Aniline	7.234	93	1581402	48.250	ng	95
8) 2-Chlorophenol	7.475	128	1173273	48.059	ng	94
9) Benzaldehyde	7.046	77	603834	37.721	ng	91
10) Phenol	7.104	94	1465038	49.607	ng	91
11) bis(2-Chloroethyl)ether	7.334	93	1056464	43.389	ng	97
12) 1,3-Dichlorobenzene	7.798	146	1118095	39.950	ng	97
13) 1,4-Dichlorobenzene	7.946	146	1154550	40.501	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1127483	40.986	ng	99
15) Benzyl Alcohol	8.157	79	969121	51.383	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1426997	45.401	ng	97
17) 2-Methylphenol	8.357	107	963326	50.596	ng	95
18) Hexachloroethane	8.992	117	427845	42.652	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	829186	49.230	ng	88
20) 3+4-Methylphenols	8.693	107	1303231	51.141	ng	96
22) Acetophenone	8.740	105	1679942	40.542	ng	# 92
24) Nitrobenzene	9.122	77	1198652	42.365	ng	95
25) Isophorone	9.651	82	2316600	48.712	ng	97
26) 2-Nitrophenol	9.834	139	564064	46.659	ng	91
27) 2,4-Dimethylphenol	9.898	122	1077227	52.793	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	1415053	42.202	ng	99
29) 2,4-Dichlorophenol	10.369	162	1056591	47.299	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	1040292	37.683	ng	98
31) Naphthalene	10.769	128	3462243	39.939	ng	99
32) Benzoic acid	10.045	122	704883	50.696	ng	91
33) 4-Chloroaniline	10.881	127	1261879	36.816	ng	96
34) Hexachlorobutadiene	11.051	225	602314	37.830	ng	98
35) Caprolactam	11.669	113	188780	29.859	ng	95
36) 4-Chloro-3-methylphenol	12.004	107	1142102	50.560	ng	99
37) 2-Methylnaphthalene	12.381	142	2426370	42.554	ng	97
38) 1-Methylnaphthalene	12.598	142	2330799	41.963	ng	98
40) 1,2,4,5-Tetrachloroben...	12.745	216	1159936	38.011	ng	98
41) Hexachlorocyclopentadiene	12.722	237	1665794	104.665	ng	99
43) 2,4,6-Trichlorophenol	12.986	196	825183	46.412	ng	100

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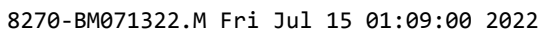
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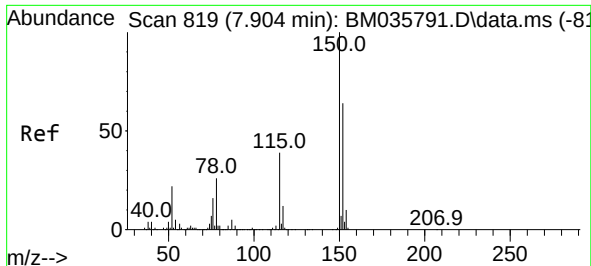
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	896821	47.022	ng	98
46) 1,1'-Biphenyl	13.386	154	3122867	39.007	ng	99
47) 2-Chloronaphthalene	13.427	162	2413700	39.378	ng	100
48) 2-Nitroaniline	13.633	65	723517	45.306	ng	88
49) Acenaphthylene	14.269	152	3914330	42.249	ng	100
50) Dimethylphthalate	14.016	163	2946865	43.375	ng	99
51) 2,6-Dinitrotoluene	14.127	165	665146	45.109	ng	92
52) Acenaphthene	14.610	154	2321105	41.048	ng	99
53) 3-Nitroaniline	14.457	138	653601	37.625	ng	93
54) 2,4-Dinitrophenol	14.663	184	661706	103.763	ng	# 86
55) Dibenzofuran	14.945	168	3607532	39.452	ng	98
56) 4-Nitrophenol	14.769	139	1327026	95.242	ng	83
57) 2,4-Dinitrotoluene	14.910	165	918050	47.055	ng	98
58) Fluorene	15.592	166	3027470	41.729	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	755538	48.051	ng	96
60) Diethylphthalate	15.374	149	3031782	45.357	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	1439005	39.950	ng	97
62) 4-Nitroaniline	15.616	138	802984	43.815	ng	91
63) Azobenzene	15.880	77	2905982	41.951	ng	94
65) 4,6-Dinitro-2-methylph...	15.669	198	396493	44.673	ng	95
66) n-Nitrosodiphenylamine	15.804	169	2595409	42.537	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	892564	42.238	ng	95
68) Hexachlorobenzene	16.586	284	1045523	41.891	ng	93
69) Atrazine	16.757	200	879660	55.797	ng	97
70) Pentachlorophenol	16.933	266	1322599	102.576	ng	100
71) Phenanthrene	17.327	178	4619486	41.212	ng	100
72) Anthracene	17.421	178	4733006	43.891	ng	99
73) Carbazole	17.686	167	4466632	41.172	ng	99
74) Di-n-butylphthalate	18.262	149	5144626	44.611	ng	99
75) Fluoranthene	19.339	202	5409467	43.152	ng	98
77) Benzidine	19.527	184	4014808	136.744	ng	99
78) Pyrene	19.704	202	5565156	42.256	ng	99
80) Butylbenzylphthalate	20.604	149	2193409	47.160	ng	100
81) Benzo(a)anthracene	21.445	228	5531092	42.043	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	1701238	63.785	ng	100
83) Chrysene	21.498	228	5154537	40.582	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	3242782	46.293	ng	98
85) Di-n-octyl phthalate	22.315	149	5332960	51.960	ng	96
87) Indeno(1,2,3-cd)pyrene	26.344	276	7144520	42.759	ng	99
88) Benzo(b)fluoranthene	23.121	252	5933882	42.818	ng	98
89) Benzo(k)fluoranthene	23.174	252	5965218	41.153	ng	99
90) Benzo(a)pyrene	23.744	252	5416497	46.712	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	6189415	44.653	ng	99
92) Benzo(g,h,i)perylene	27.115	276	6074970	44.420	ng	99

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

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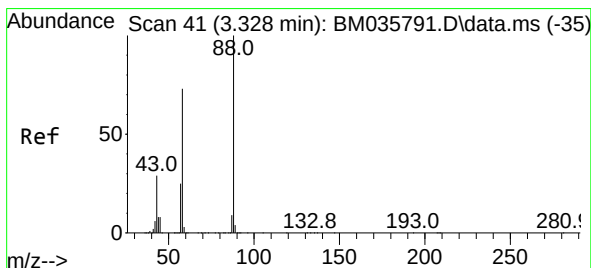
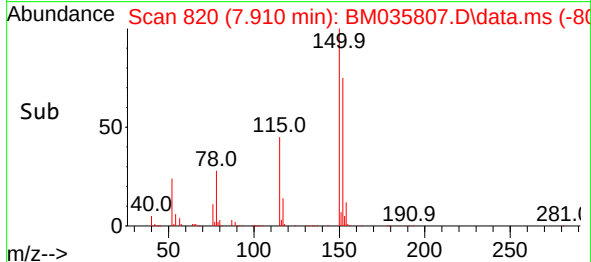
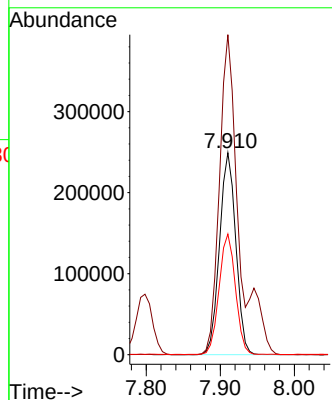
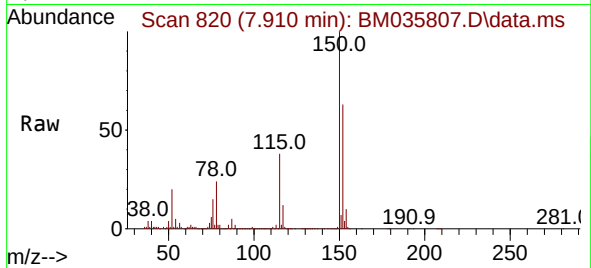




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM035807.D
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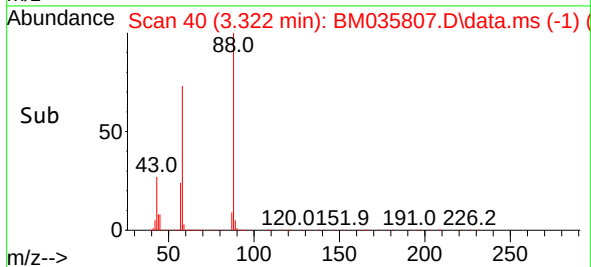
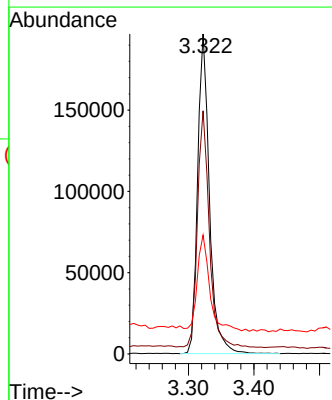
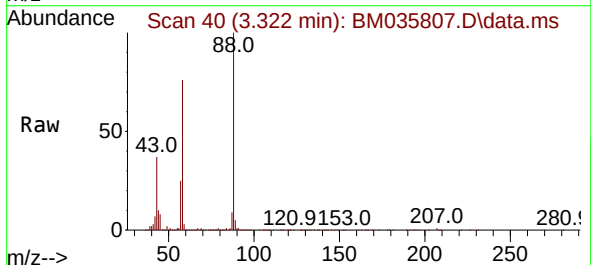
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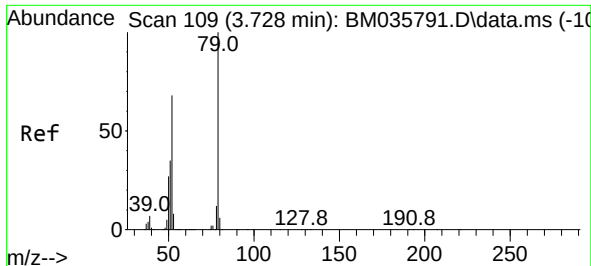
Tgt Ion:152 Resp: 380852
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.9 187.3
 115 59.7 47.9 71.9



#2
 1,4-Dioxane
 Concen: 24.970 ng
 RT: 3.322 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BM035807.D
 Acq: 14 Jul 2022 11:43

Tgt Ion: 88 Resp: 246963
 Ion Ratio Lower Upper
 88 100
 58 74.4 62.3 93.5
 43 31.9 28.7 43.1

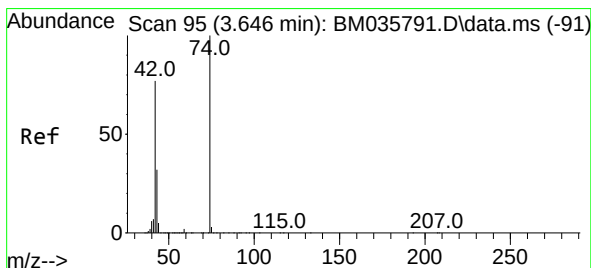
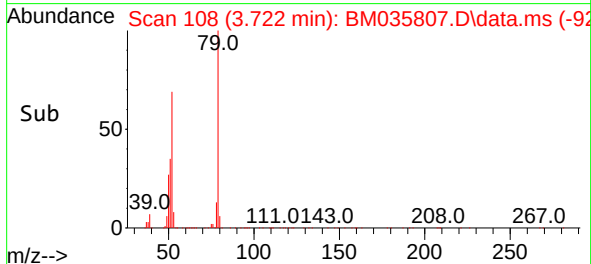
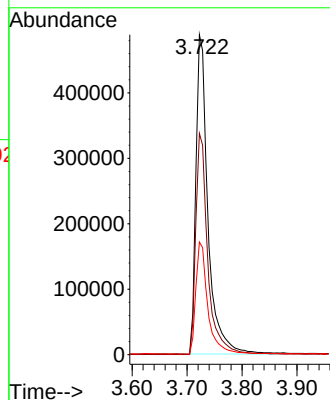
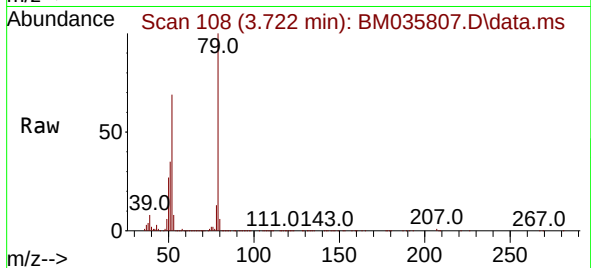




#3
Pyridine
Concen: 29.006 ng
RT: 3.722 min Scan# 109
Delta R.T. -0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

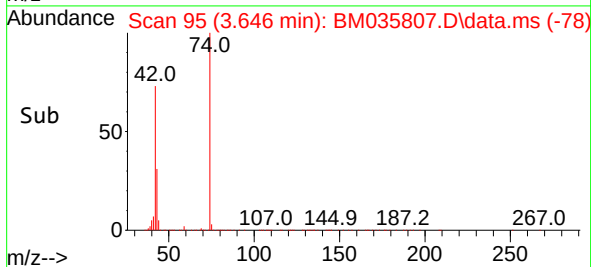
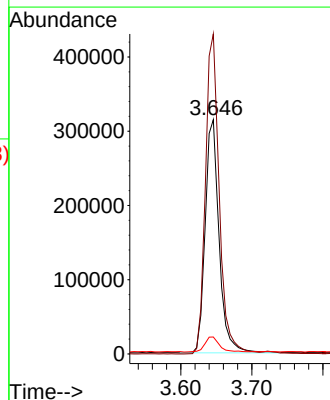
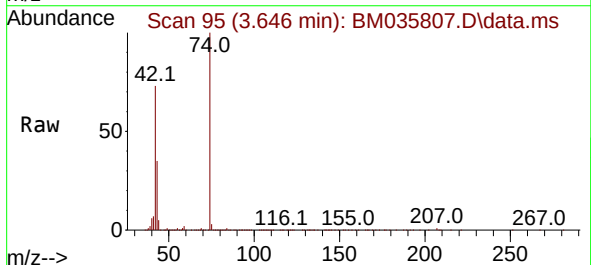
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ClientSampleId :
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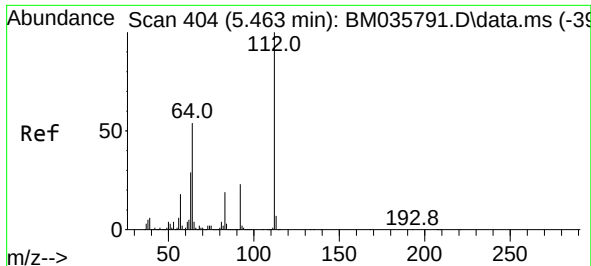
Tgt Ion: 79 Resp: 744544
Ion Ratio Lower Upper
79 100
52 69.1 61.9 92.9
51 35.2 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 37.937 ng
RT: 3.646 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 42 Resp: 428619
Ion Ratio Lower Upper
42 100
74 136.6 81.6 122.4
44 7.3 5.2 7.8

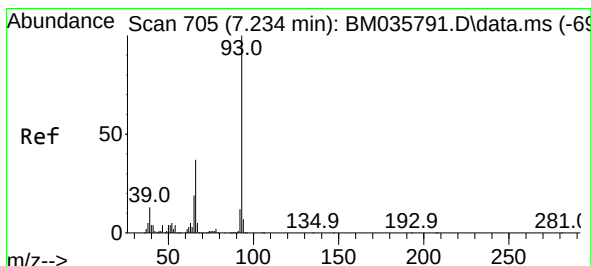
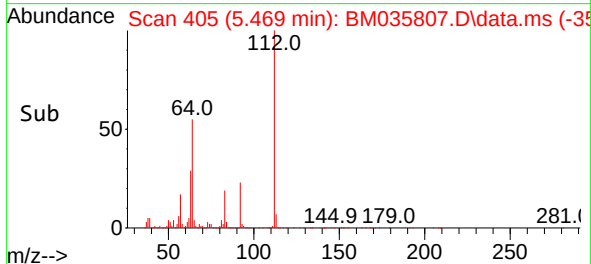
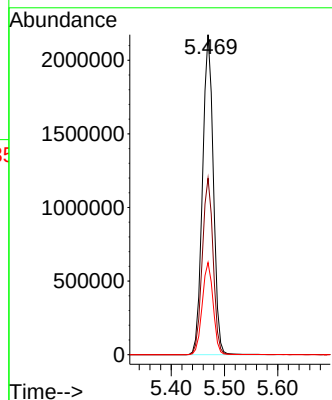
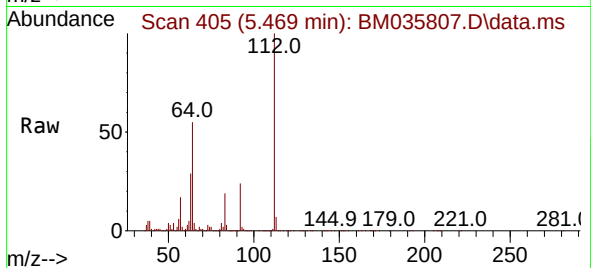




#5
2-Fluorophenol
Concen: 130.460 ng
RT: 5.469 min Scan# 404
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

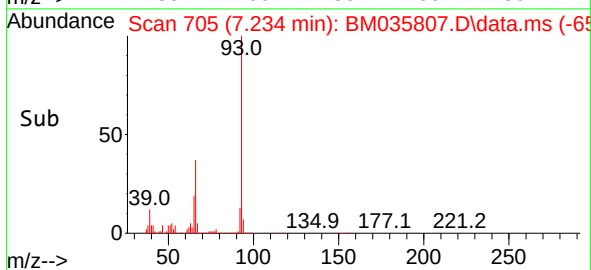
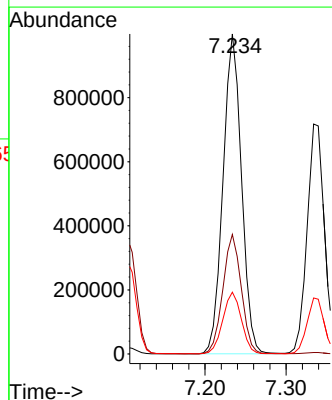
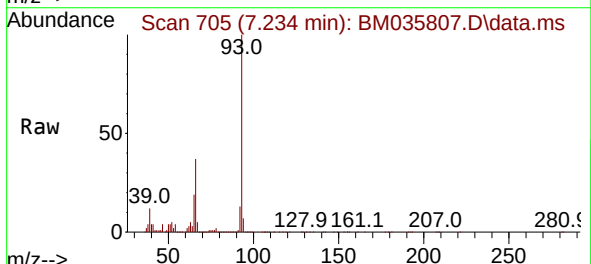
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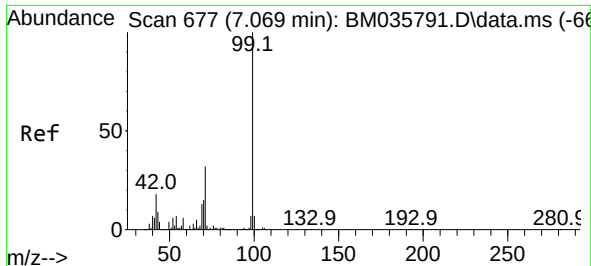
Tgt Ion:112 Resp: 3058955
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 28.8 26.6 40.0



#6
Aniline
Concen: 48.250 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 93 Resp: 1581402
Ion Ratio Lower Upper
93 100
66 37.4 32.6 49.0
65 19.3 16.8 25.2

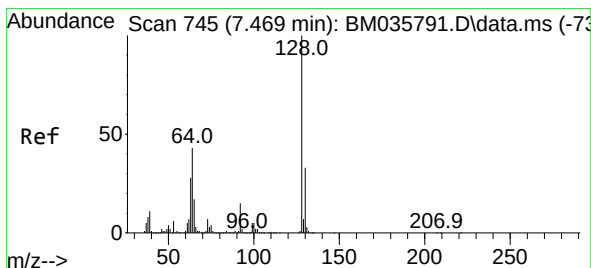
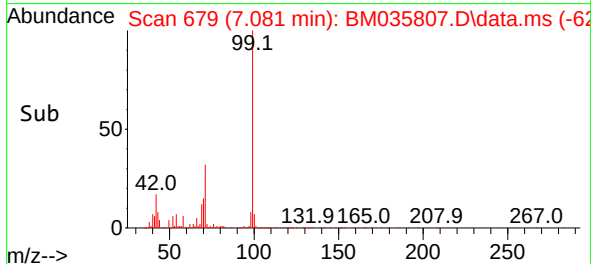
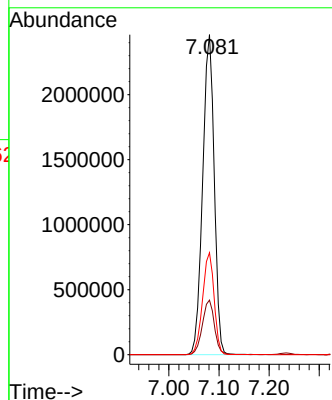
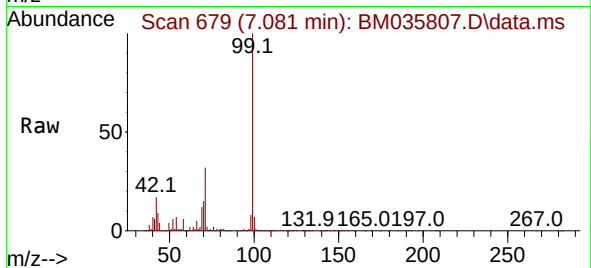




#7
Phenol-d6
Concen: 134.522 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

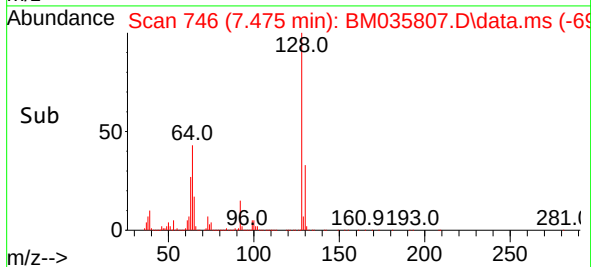
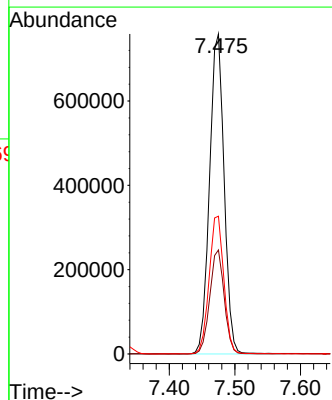
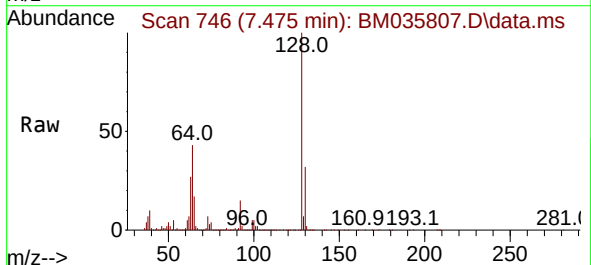
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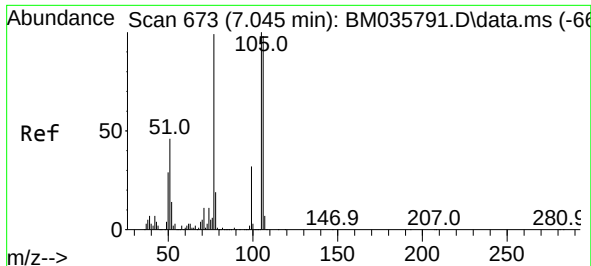
Tgt Ion: 99 Resp: 3945404
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2#
71 31.8 30.2 45.2



#8
2-Chlorophenol
Concen: 48.059 ng
RT: 7.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BM035807.D
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Tgt Ion: 128 Resp: 1173273
Ion Ratio Lower Upper
128 100
130 32.5 10.9 50.9
64 43.0 28.2 68.2

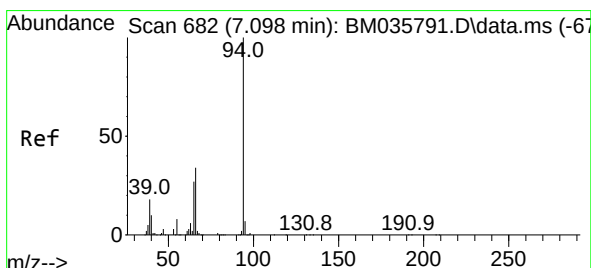
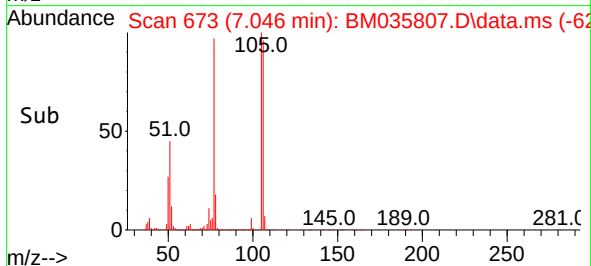
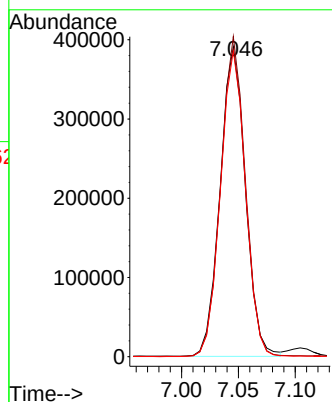
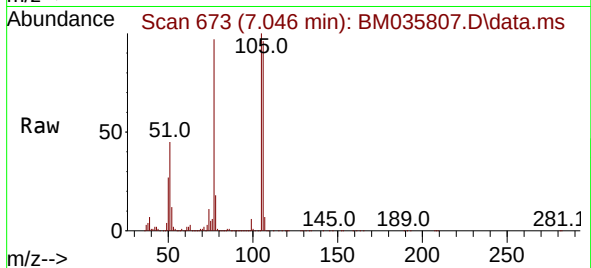




#9
Benzaldehyde
Concen: 37.721 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.001 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

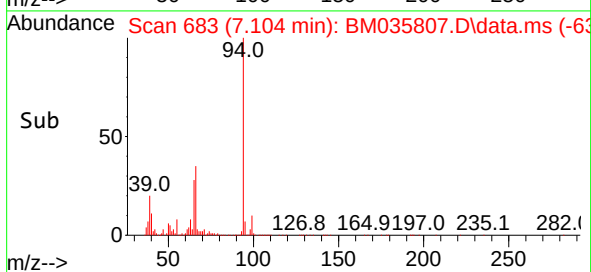
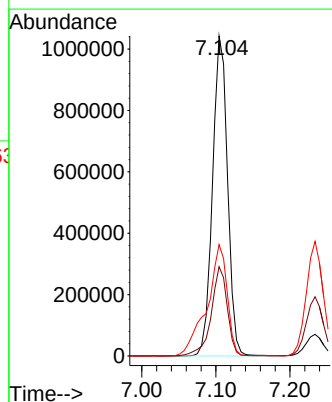
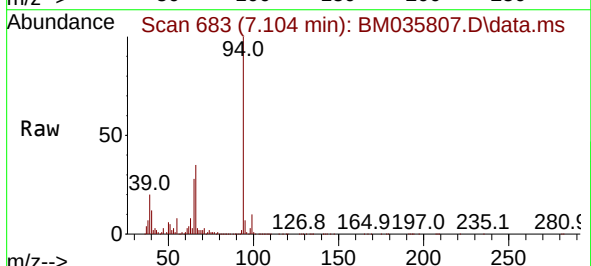
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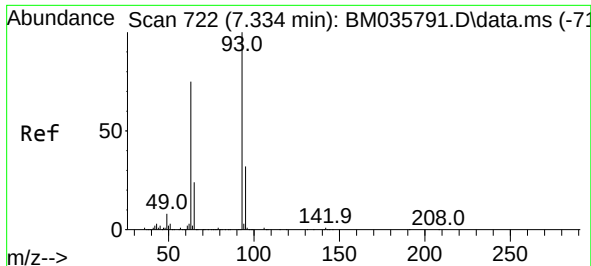
Tgt Ion: 77 Resp: 603834
Ion Ratio Lower Upper
77 100
105 103.2 76.3 116.3
106 98.7 69.0 109.0



#10
Phenol
Concen: 49.607 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1465038
Ion Ratio Lower Upper
94 100
65 27.9 11.4 51.4
66 34.8 21.4 61.4

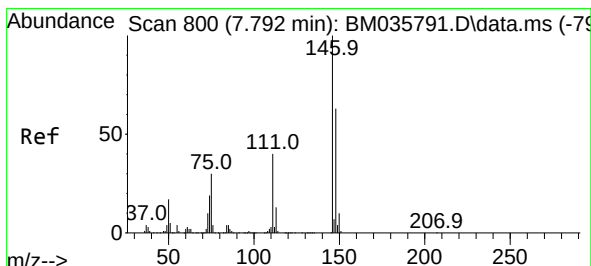
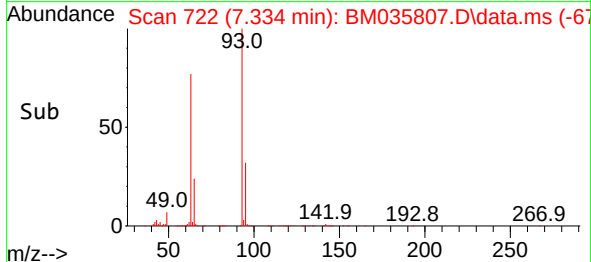
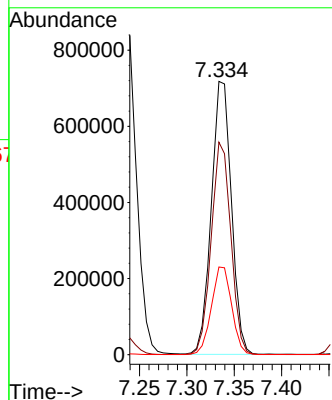
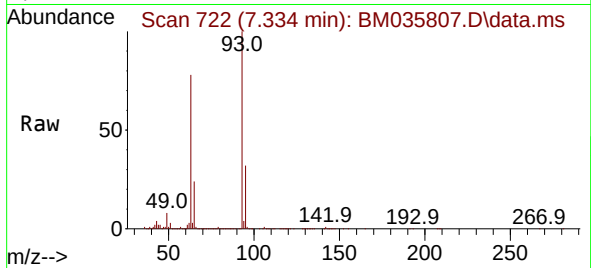




#11
bis(2-Chloroethyl)ether
Concen: 43.389 ng
RT: 7.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

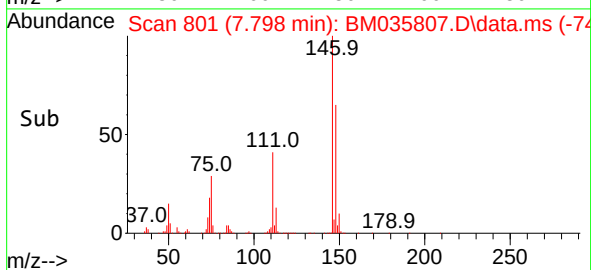
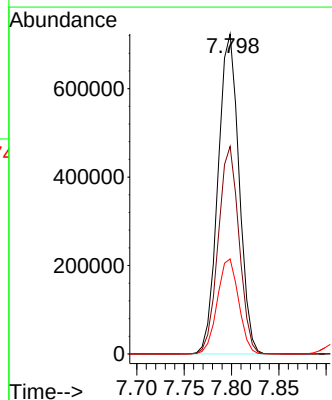
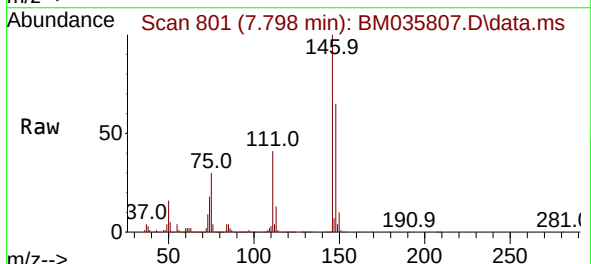
Instrument :
BNA_M
ClientSampleId :
PB146151BS

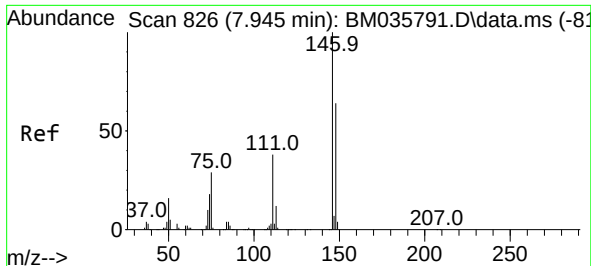
Tgt Ion: 93 Resp: 1056464
Ion Ratio Lower Upper
93 100
63 77.8 60.6 100.6
95 32.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 39.950 ng
RT: 7.798 min Scan# 801
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:146 Resp: 1118095
Ion Ratio Lower Upper
146 100
148 64.9 50.7 76.1
75 29.7 26.1 39.1

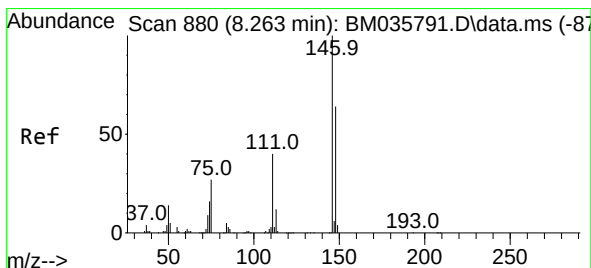
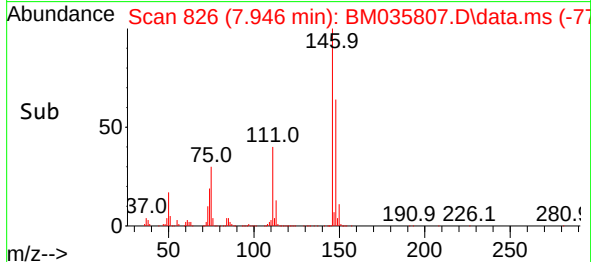
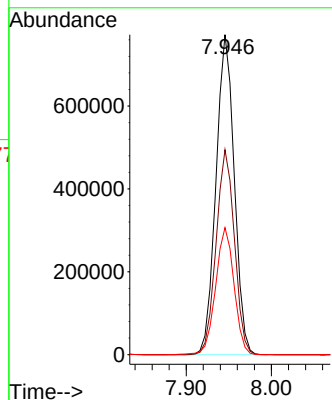
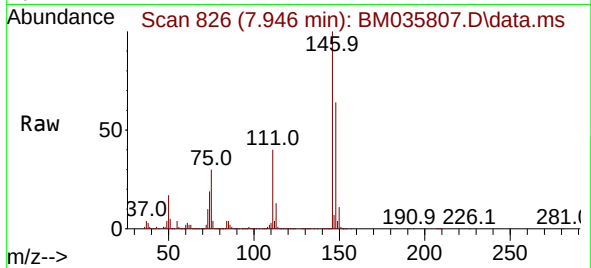




#13
1,4-Dichlorobenzene
Concen: 40.501 ng
RT: 7.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

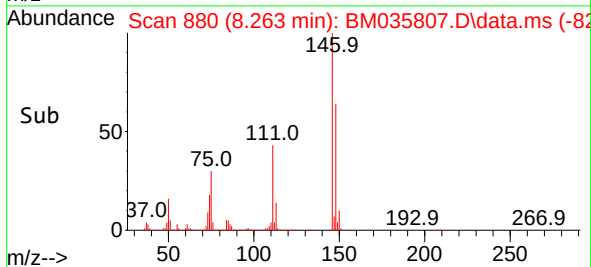
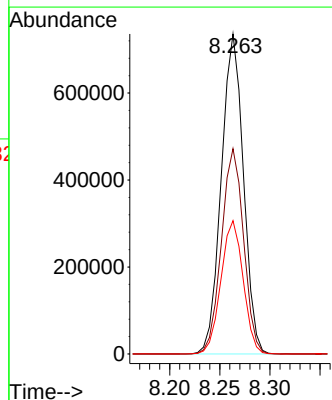
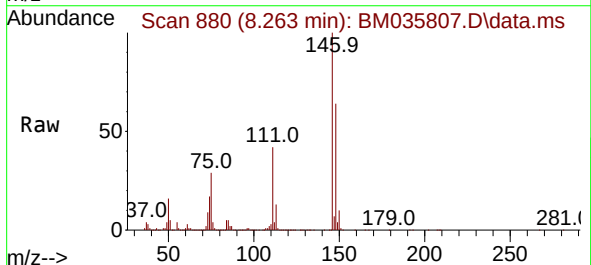
Instrument :
BNA_M
ClientSampleId :
PB146151BS

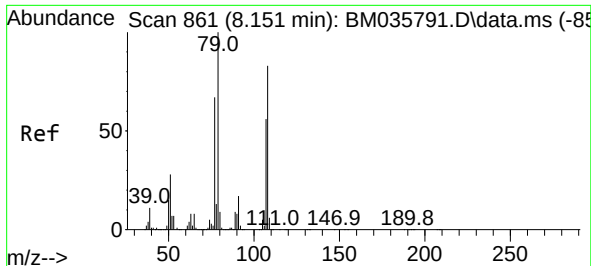
Tgt Ion:146 Resp: 1154550
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 39.7 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 40.986 ng
RT: 8.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:146 Resp: 1127483
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 41.6 33.9 50.9

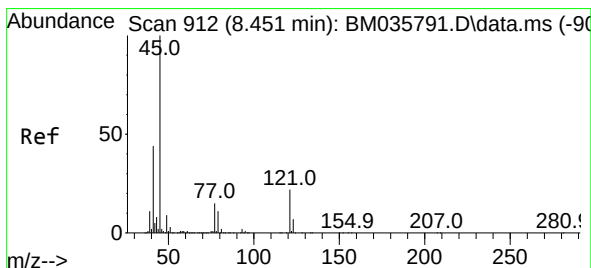
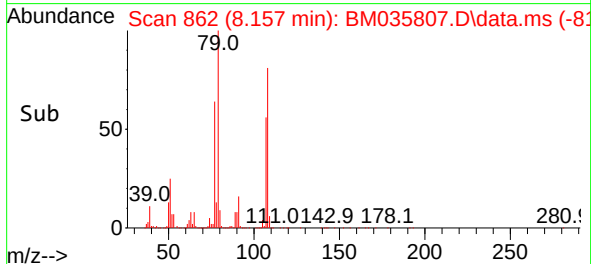
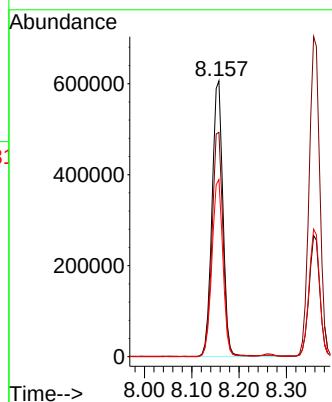
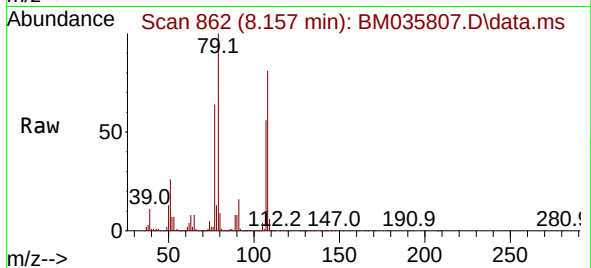




#15
Benzyl Alcohol
Concen: 51.383 ng
RT: 8.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

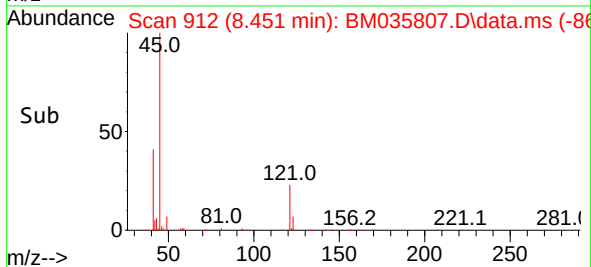
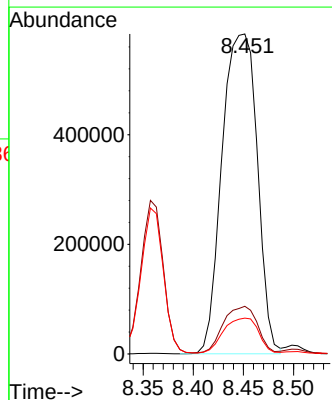
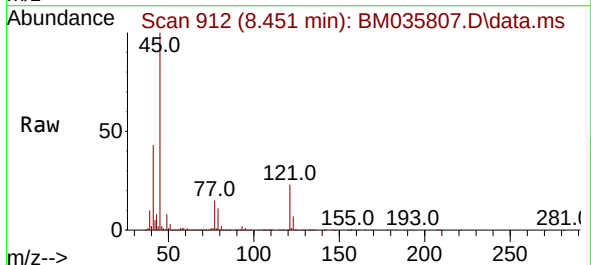
Instrument :
BNA_M
ClientSampleId :
PB146151BS

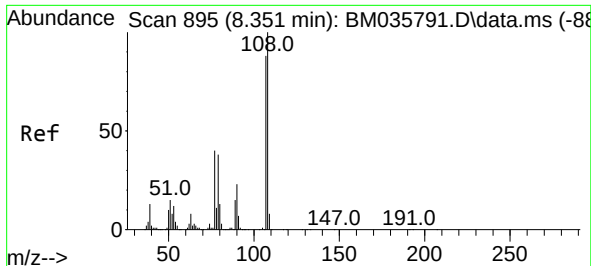
Tgt Ion: 79 Resp: 969121
Ion Ratio Lower Upper
79 100
108 81.3 59.0 88.4
77 64.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.401 ng
RT: 8.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 45 Resp: 1426997
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.1
79 11.2 0.0 30.5



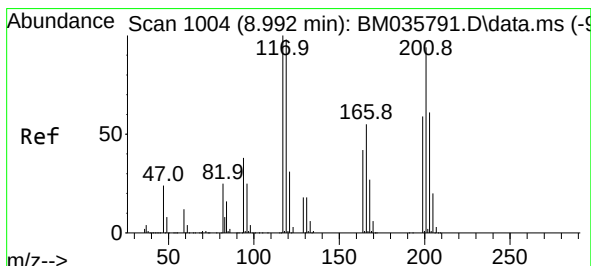
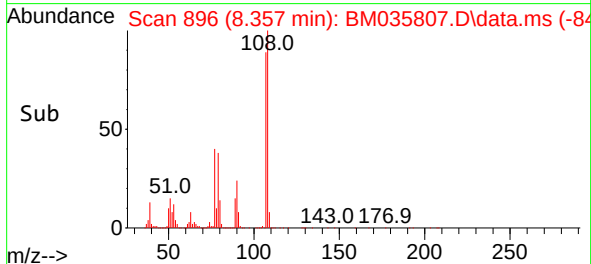
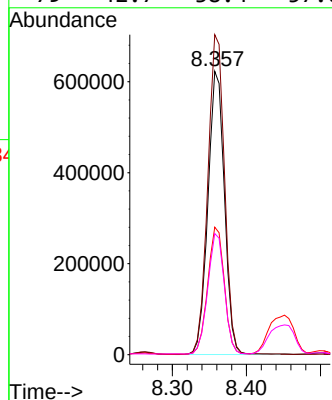
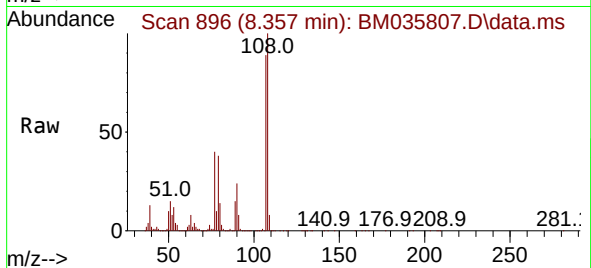


#17
2-Methylphenol
Concen: 50.596 ng
RT: 8.357 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Instrument :
BNA_M
ClientSampleId :
PB146151BS

Tgt Ion:107 Resp: 963326

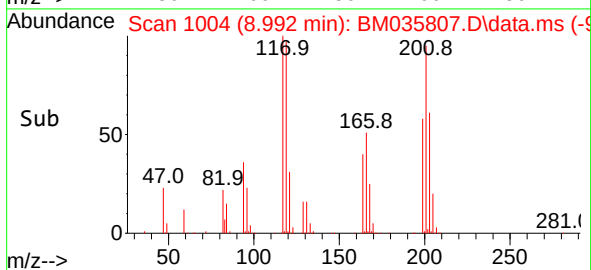
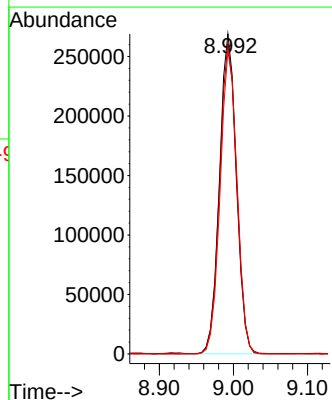
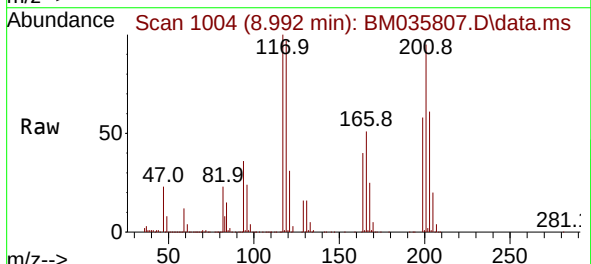
Ion	Ratio	Lower	Upper
107	100		
108	112.9	88.7	133.1
77	45.0	40.6	60.8
79	42.7	38.4	57.6

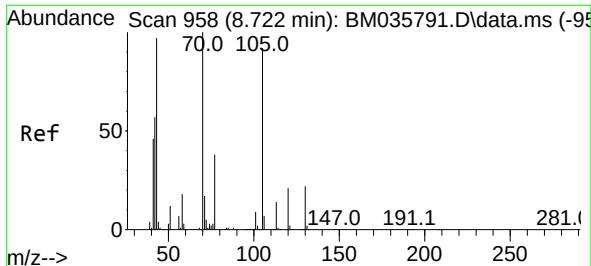


#18
Hexachloroethane
Concen: 42.652 ng
RT: 8.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:117 Resp: 427845

Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.6
201	94.8	81.0	121.4





#19

n-Nitroso-di-n-propylamine

Concen: 49.230 ng

RT: 8.728 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM035807.D

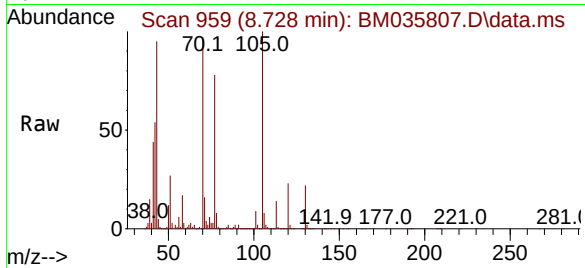
Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS



Tgt Ion: 70 Resp: 829186

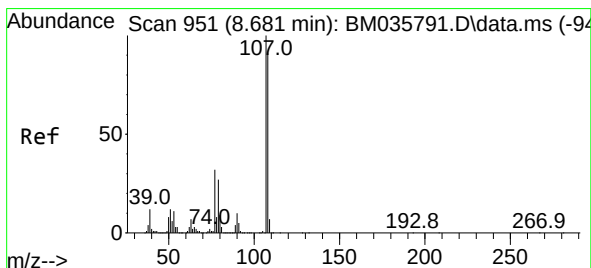
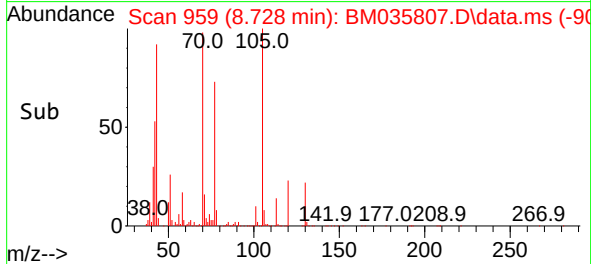
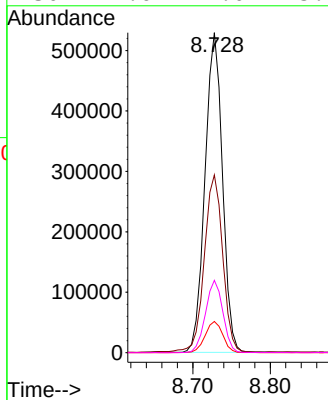
Ion Ratio Lower Upper

70 100

42 55.6 55.4 83.2

101 9.7 7.8 11.6

130 22.6 17.0 25.6



#20

3+4-Methylphenols

Concen: 51.141 ng

RT: 8.693 min Scan# 953

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Tgt Ion: 107 Resp: 1303231

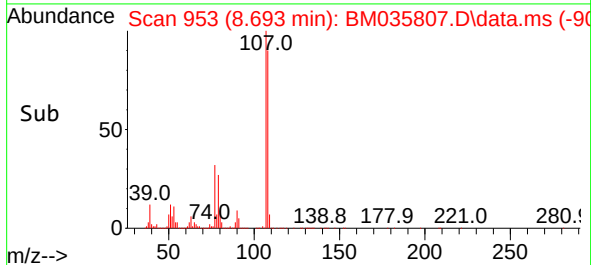
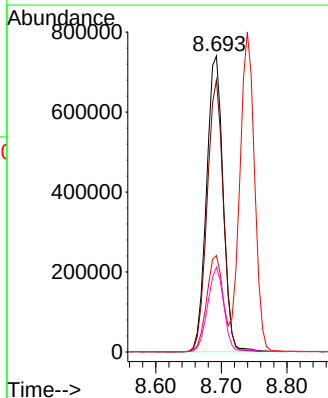
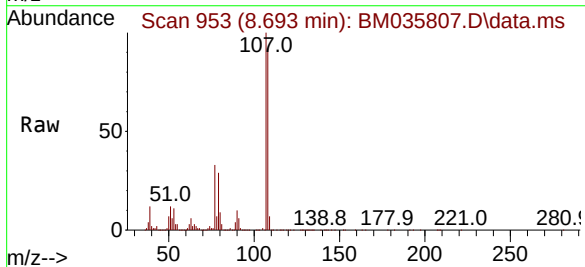
Ion Ratio Lower Upper

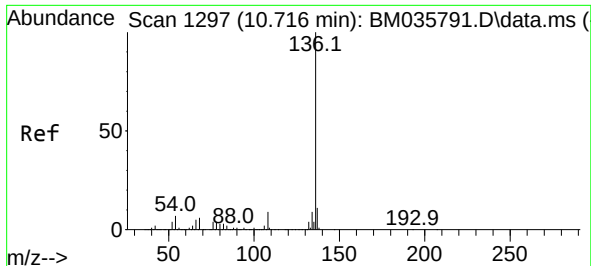
107 100

108 91.9 69.3 109.3

77 32.6 15.8 55.8

79 28.6 12.3 52.3

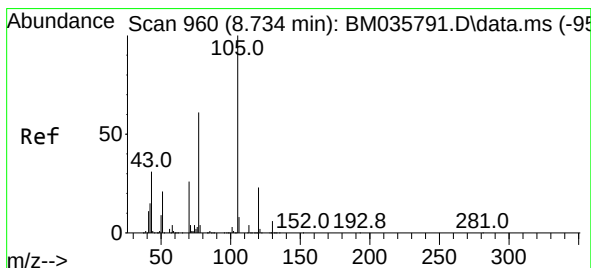
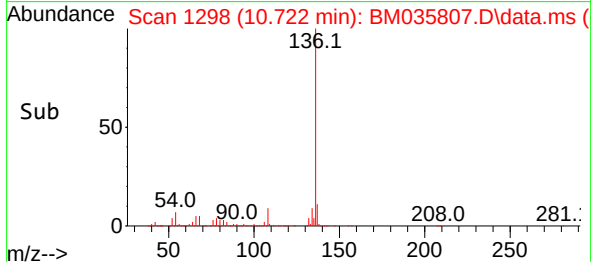
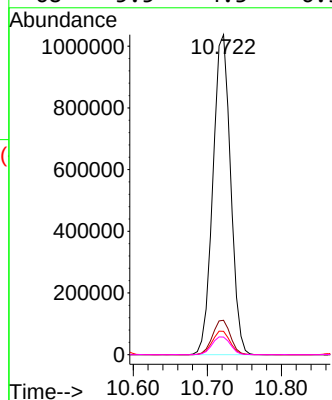
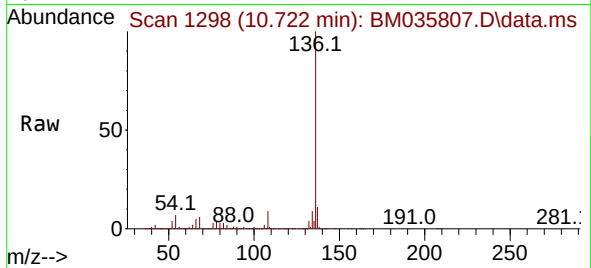




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

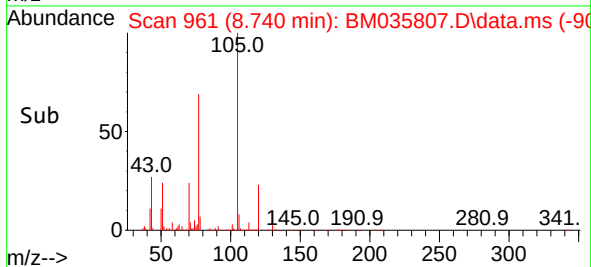
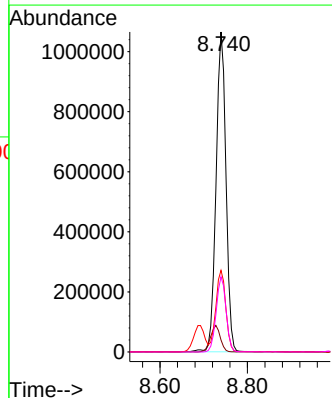
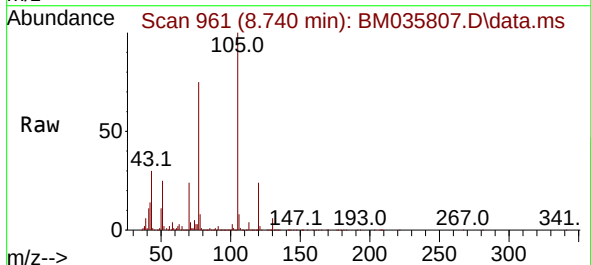
Instrument :
BNA_M
ClientSampleId :
PB146151BS

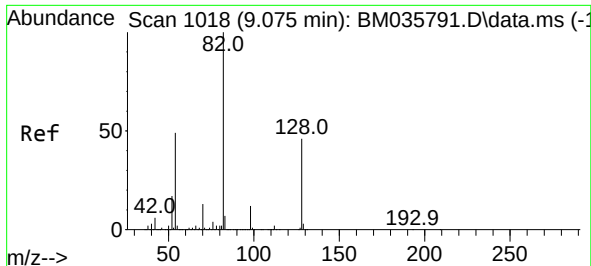
Tgt Ion:136 Resp: 1716508
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 7.0 10.4
68 5.5 4.3 6.5



#22
Acetophenone
Concen: 40.542 ng
RT: 8.740 min Scan# 961
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:105 Resp: 1679942
Ion Ratio Lower Upper
105 100
71 3.8 5.0 7.4#
51 25.5 25.6 38.4#
120 23.5 17.8 26.8

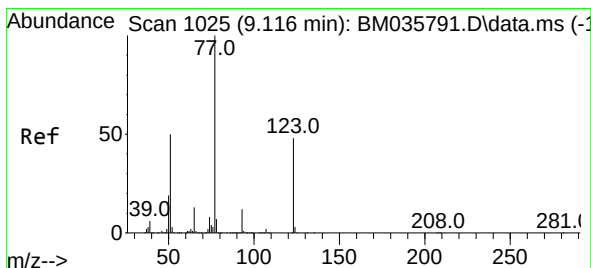
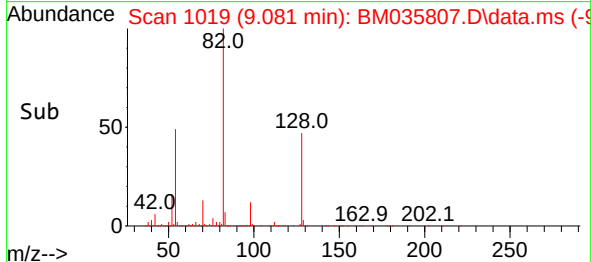
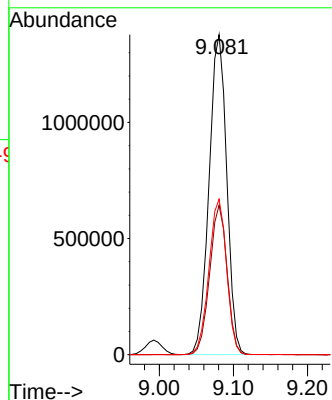
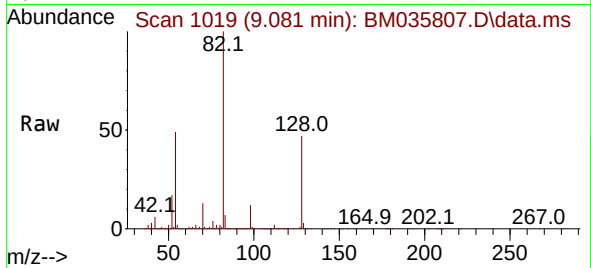




#23
Nitrobenzene-d5
Concen: 75.833 ng
RT: 9.081 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

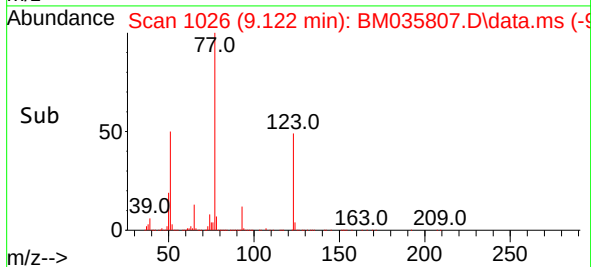
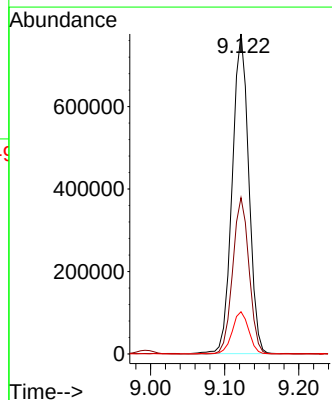
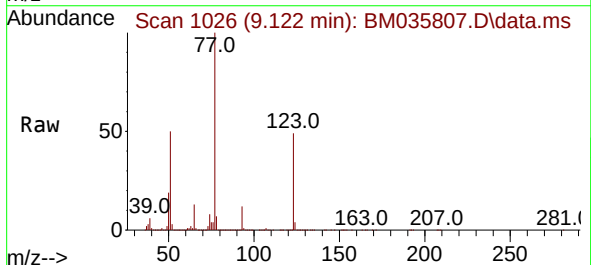
Instrument :
BNA_M
ClientSampleId :
PB146151BS

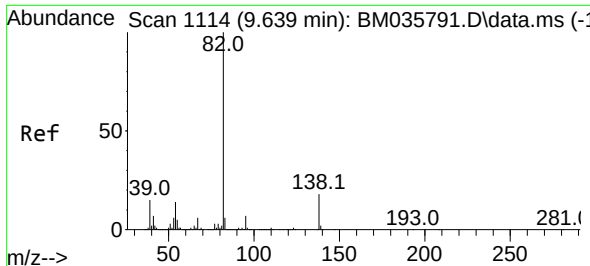
Tgt Ion: 82 Resp: 2276965
Ion Ratio Lower Upper
82 100
128 46.7 33.7 50.5
54 48.6 43.2 64.8



#24
Nitrobenzene
Concen: 42.365 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 77 Resp: 1198652
Ion Ratio Lower Upper
77 100
123 48.9 36.2 54.4
65 13.2 11.4 17.0

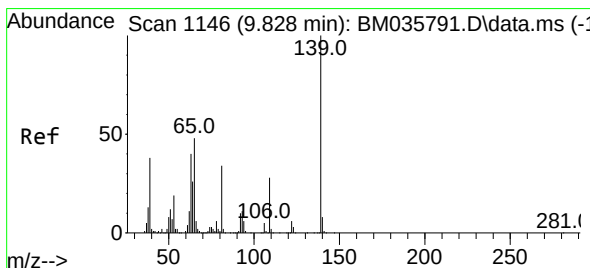
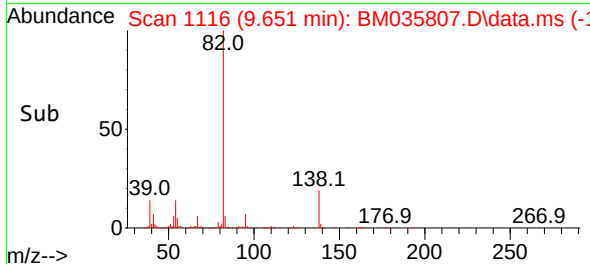
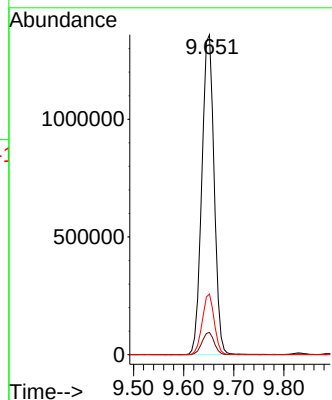
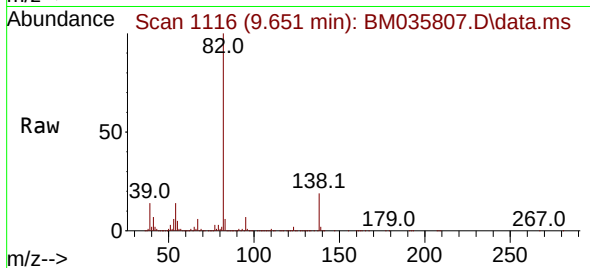




#25
Isophorone
Concen: 48.712 ng
RT: 9.651 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

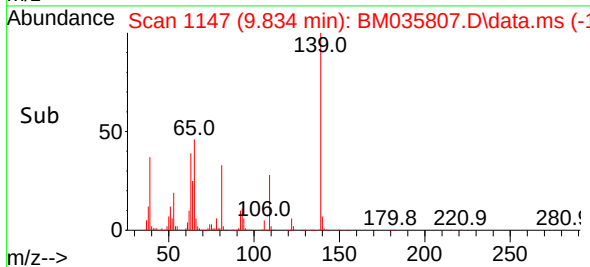
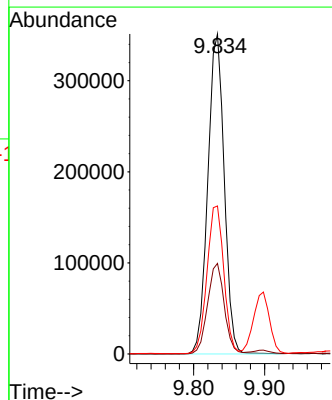
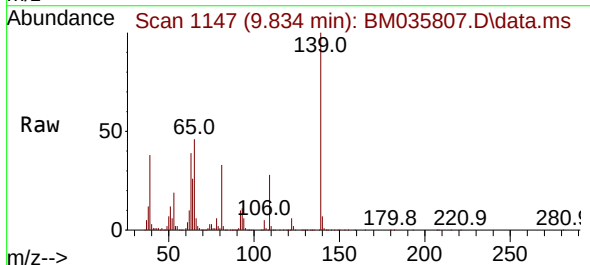
Instrument :
BNA_M
ClientSampleId :
PB146151BS

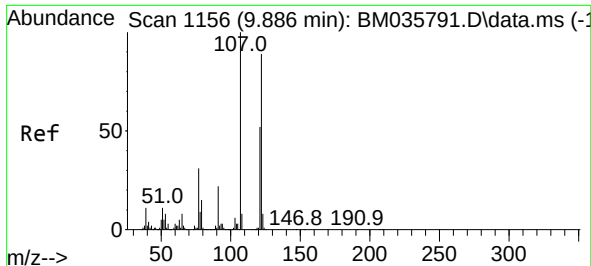
Tgt Ion: 82 Resp: 2316600
Ion Ratio Lower Upper
82 100
95 6.9 6.4 9.6
138 19.0 14.2 21.4



#26
2-Nitrophenol
Concen: 46.659 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 139 Resp: 564064
Ion Ratio Lower Upper
139 100
109 28.3 25.6 38.4
65 46.2 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 52.793 ng

RT: 9.898 min Scan# 1156

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

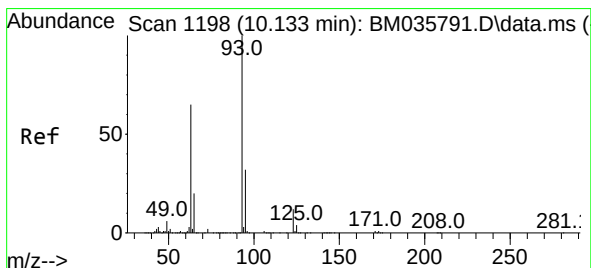
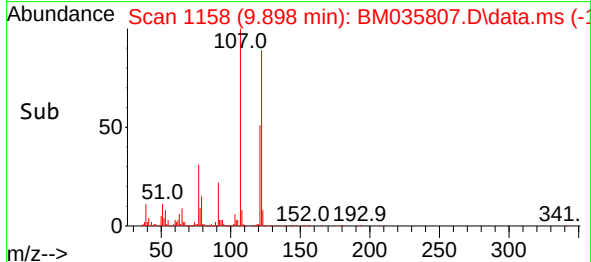
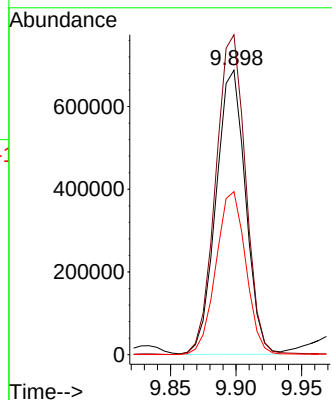
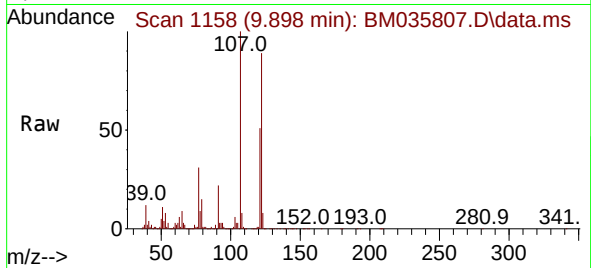
Tgt Ion:122 Resp: 1077227

Ion Ratio Lower Upper

122 100

107 112.5 92.4 138.6

121 57.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.202 ng

RT: 10.134 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

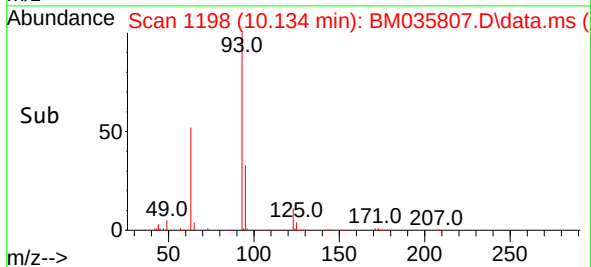
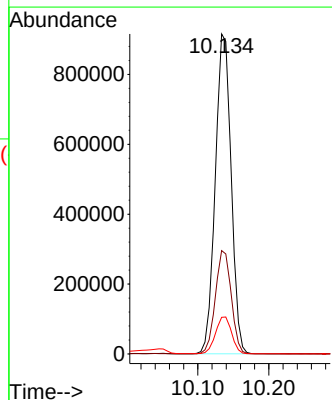
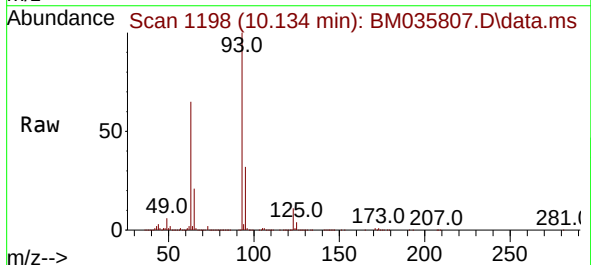
Tgt Ion: 93 Resp: 1415053

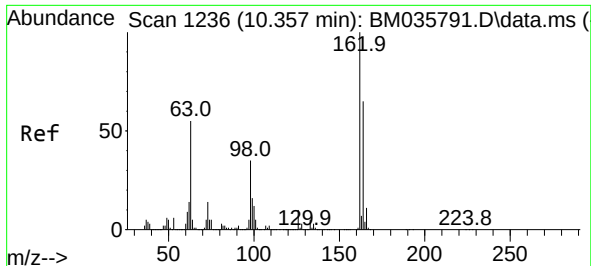
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 47.299 ng

RT: 10.369 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

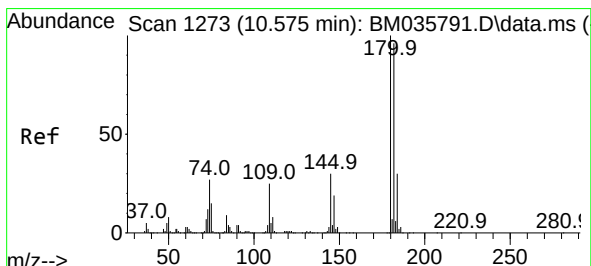
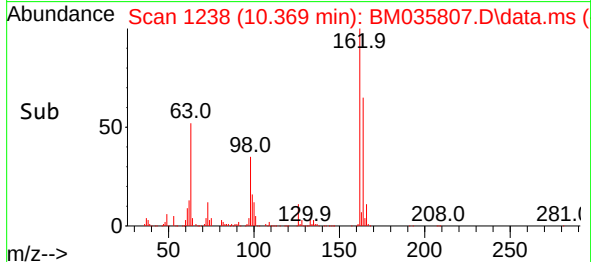
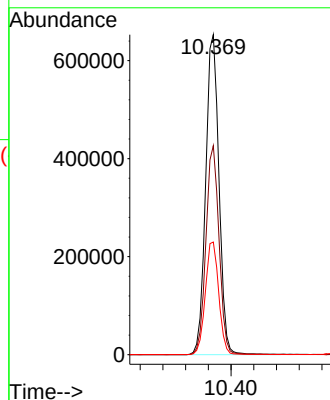
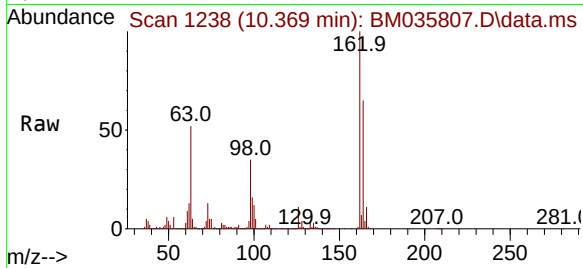
Tgt Ion:162 Resp: 1056591

Ion Ratio Lower Upper

162 100

164 65.3 44.2 84.2

98 35.2 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 37.683 ng

RT: 10.581 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

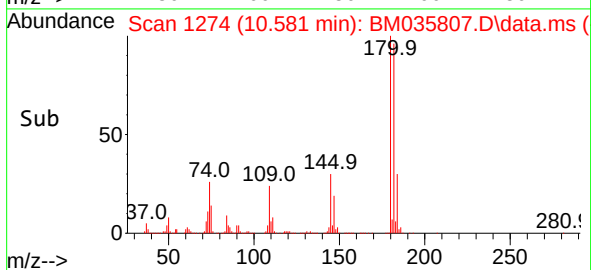
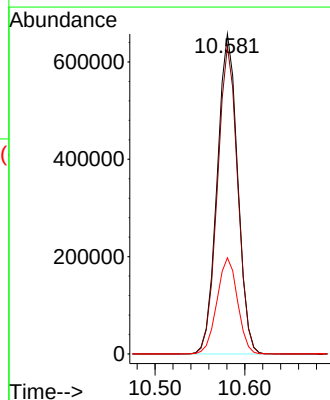
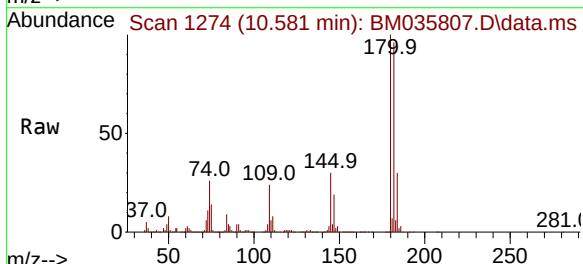
Tgt Ion:180 Resp: 1040292

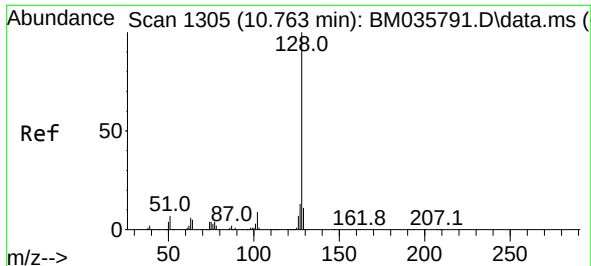
Ion Ratio Lower Upper

180 100

182 96.1 77.9 116.9

145 30.0 25.0 37.6

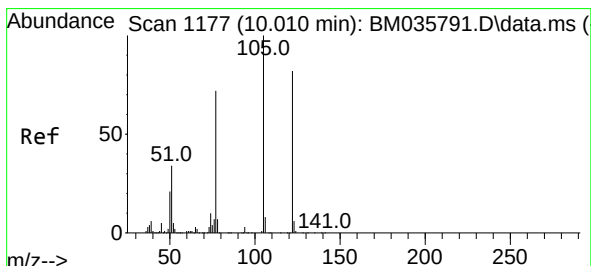
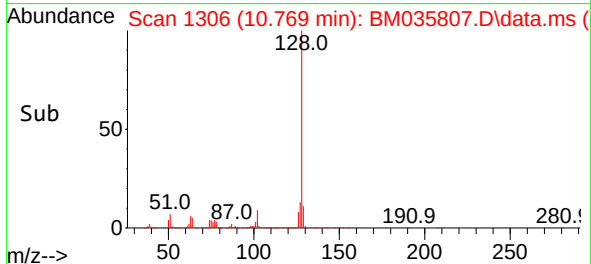
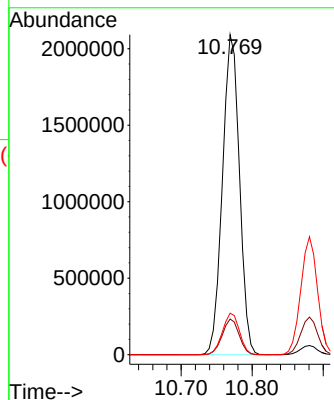
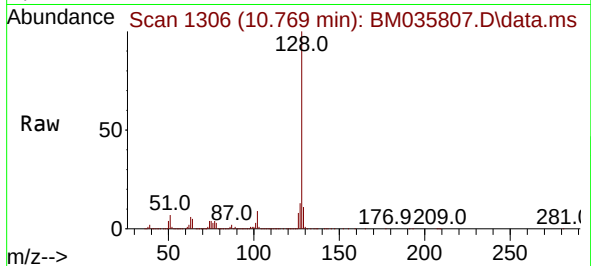




#31
Naphthalene
Concen: 39.939 ng
RT: 10.769 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

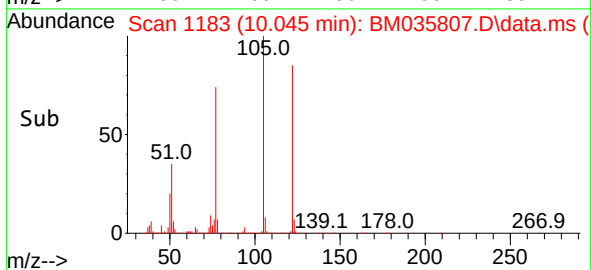
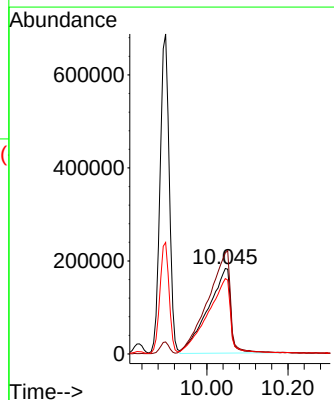
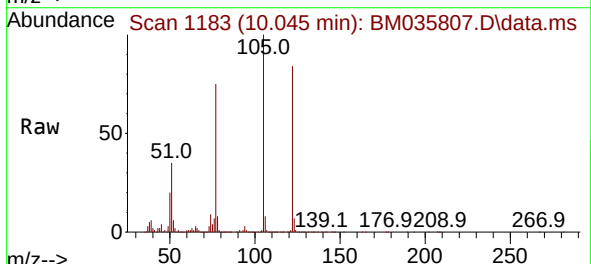
Instrument :
BNA_M
ClientSampleId :
PB146151BS

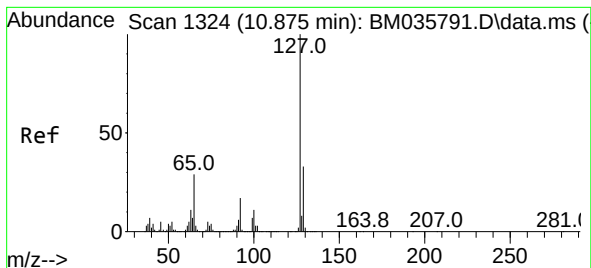
Tgt Ion:128 Resp: 3462243
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 50.696 ng
RT: 10.045 min Scan# 1183
Delta R.T. 0.035 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:122 Resp: 704883
Ion Ratio Lower Upper
122 100
105 118.5 105.7 145.7
77 88.3 80.0 120.0





#33

4-Chloroaniline

Concen: 36.816 ng

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

Tgt Ion:127 Resp: 1261879

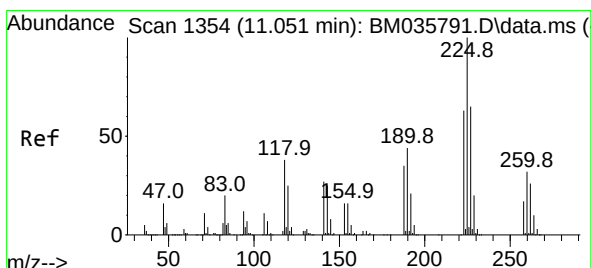
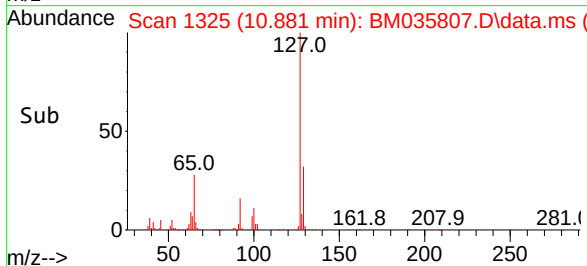
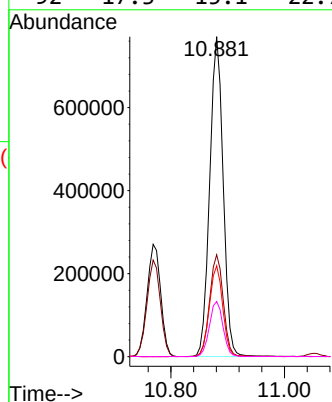
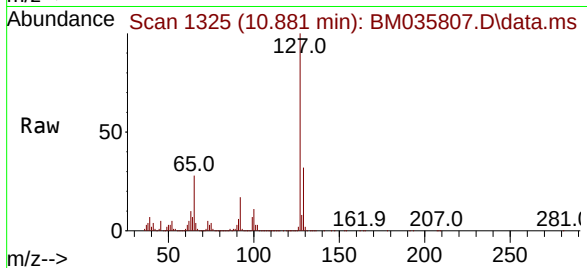
Ion Ratio Lower Upper

127 100

129 31.9 25.7 38.5

65 28.4 26.6 40.0

92 17.3 15.1 22.7



#34

Hexachlorobutadiene

Concen: 37.830 ng

RT: 11.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

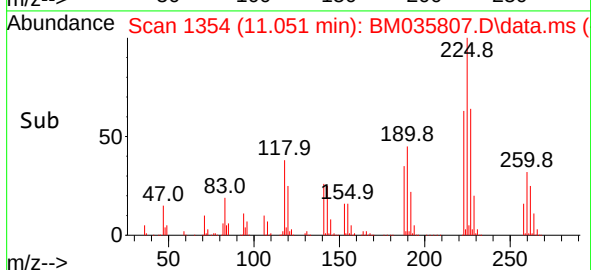
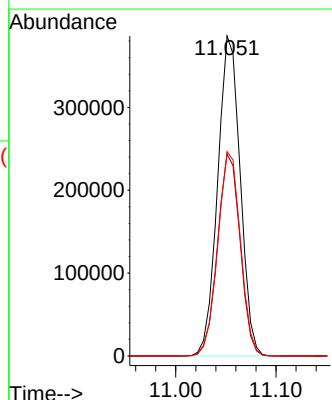
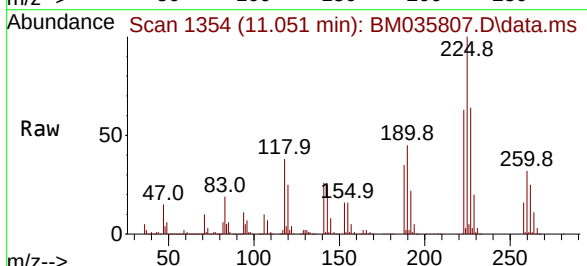
Tgt Ion:225 Resp: 602314

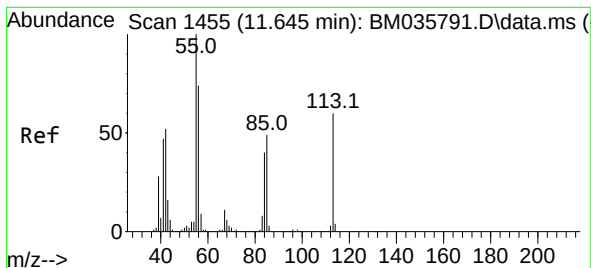
Ion Ratio Lower Upper

225 100

223 63.1 50.8 76.2

227 63.8 52.7 79.1

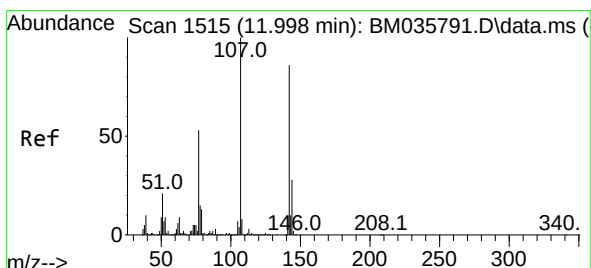
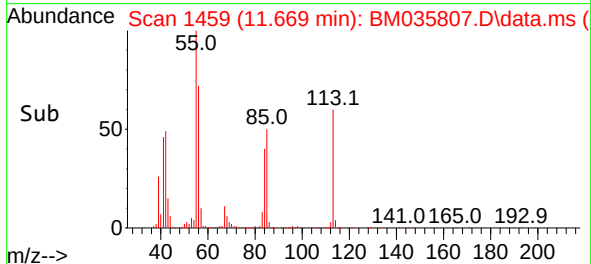
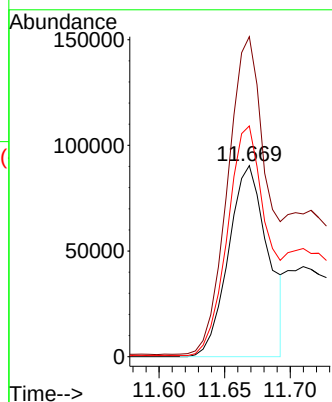
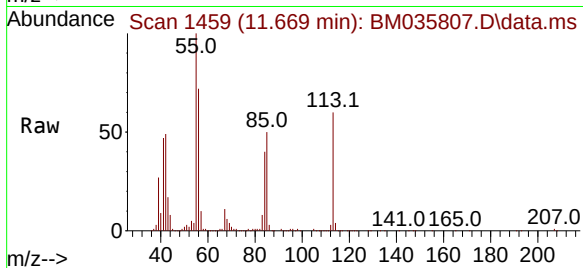




#35
Caprolactam
Concen: 29.859 ng
RT: 11.669 min Scan# 1459
Delta R.T. 0.024 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

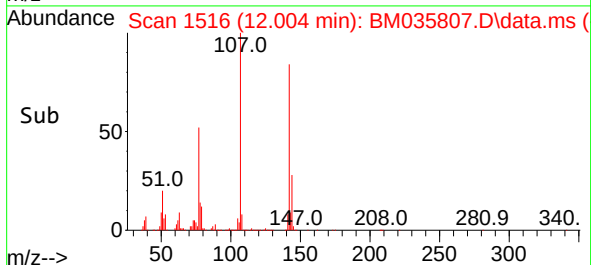
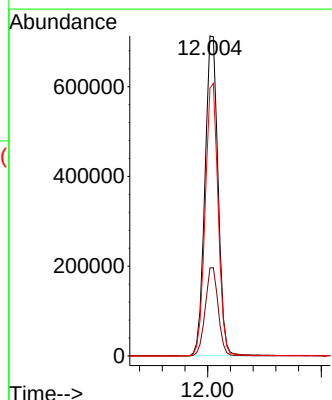
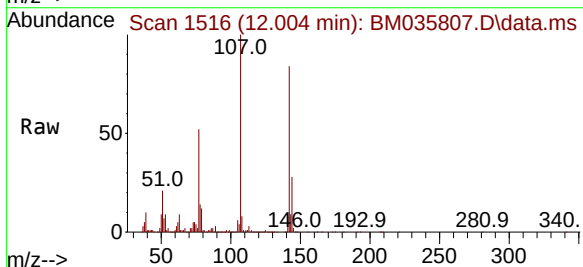
Instrument :
BNA_M
ClientSampleId :
PB146151BS

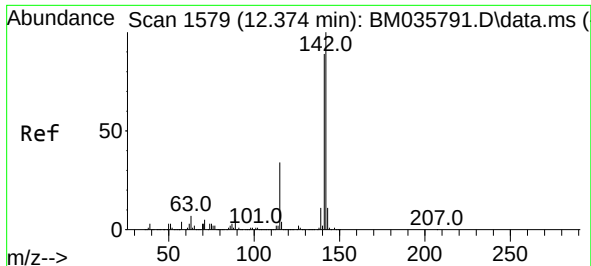
Tgt Ion:113 Resp: 188780
Ion Ratio Lower Upper
113 100
55 167.5 150.1 190.1
56 120.8 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 50.560 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:107 Resp: 1142102
Ion Ratio Lower Upper
107 100
144 27.5 21.4 32.0
142 83.6 66.7 100.1





#37

2-Methylnaphthalene

Concen: 42.554 ng

RT: 12.381 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

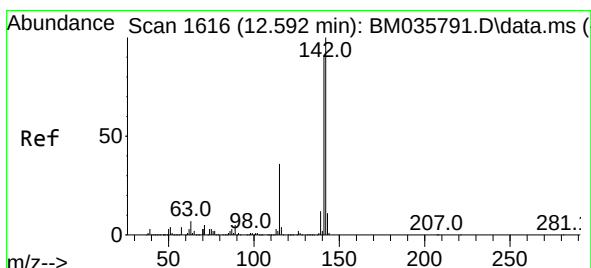
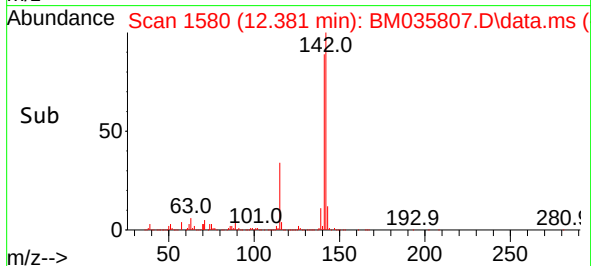
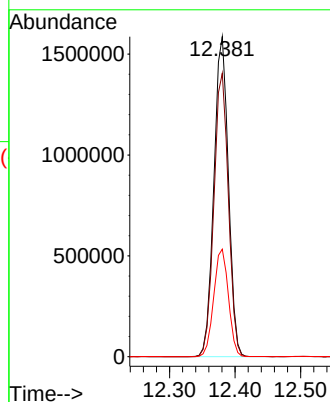
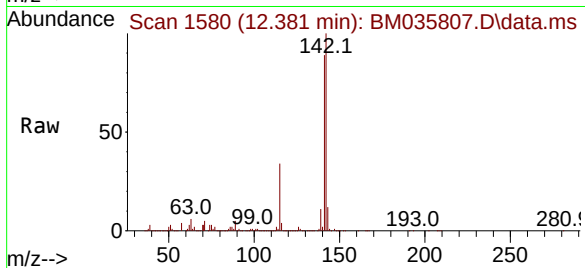
Tgt Ion:142 Resp: 2426370

Ion Ratio Lower Upper

142 100

141 88.5 72.4 108.6

115 33.6 29.6 44.4



#38

1-Methylnaphthalene

Concen: 41.963 ng

RT: 12.598 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

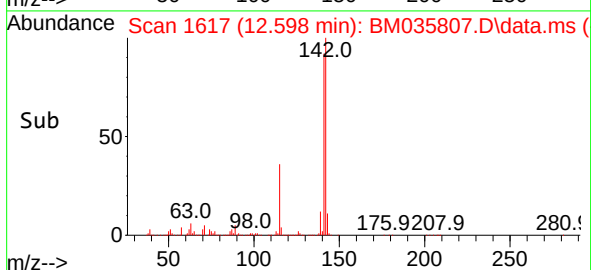
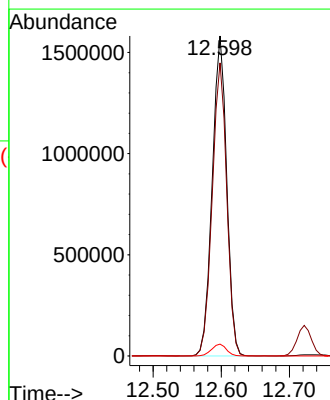
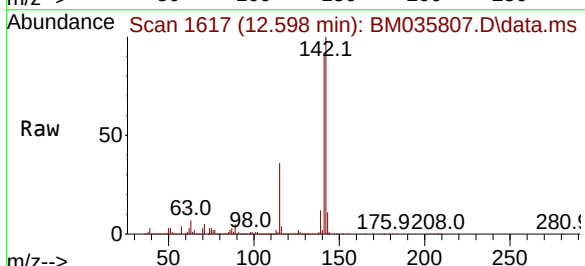
Tgt Ion:142 Resp: 2330799

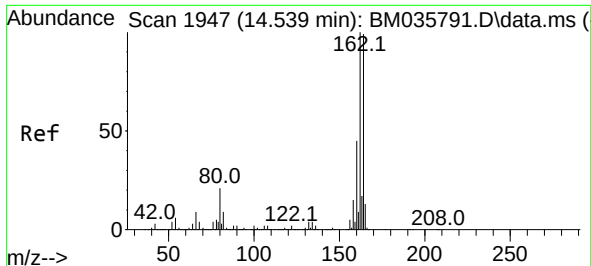
Ion Ratio Lower Upper

142 100

141 91.6 75.0 112.4

116 3.7 3.4 5.2

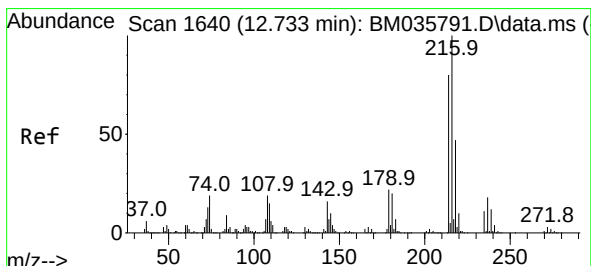
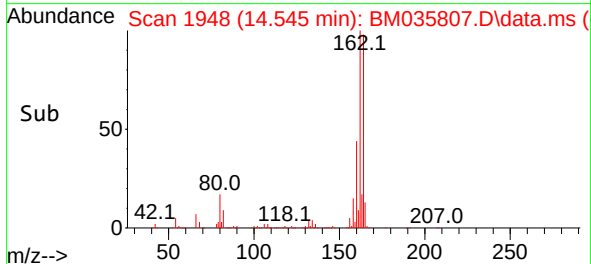
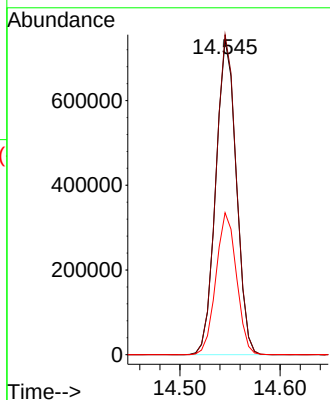
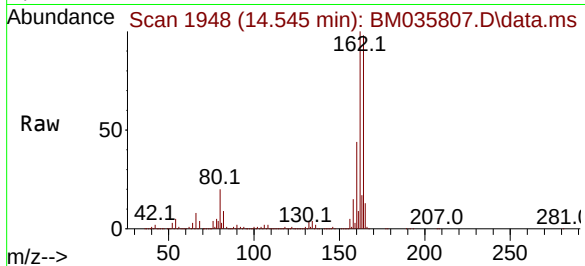




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

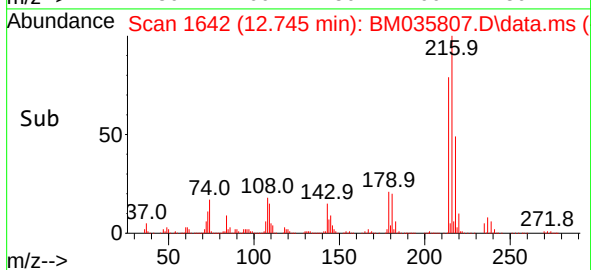
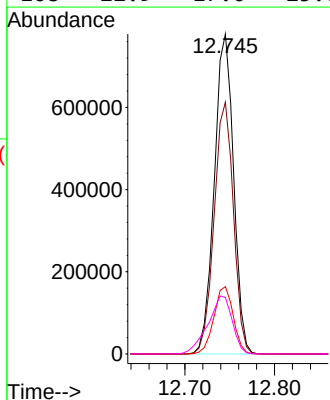
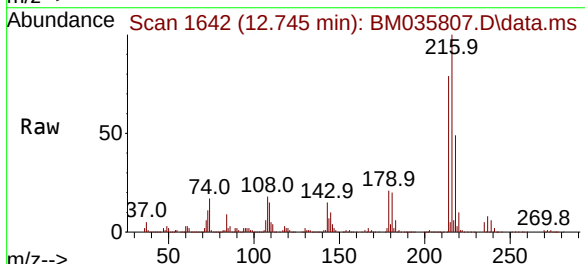
Instrument :
BNA_M
ClientSampleId :
PB146151BS

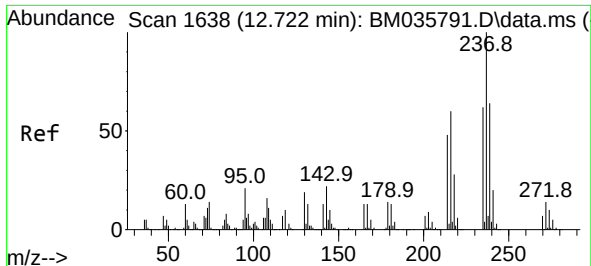
Tgt Ion:164 Resp: 1054114
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.6
160 45.1 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.011 ng
RT: 12.745 min Scan# 1642
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:216 Resp: 1159936
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 21.2 18.2 27.2
108 22.9 17.0 25.6

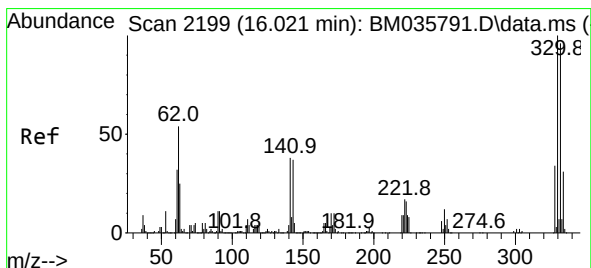
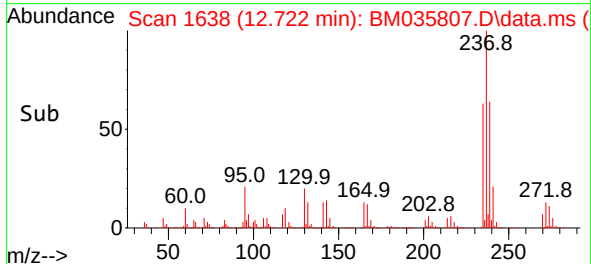
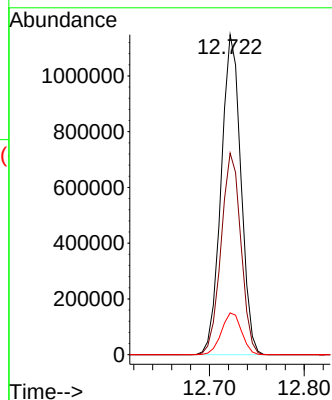
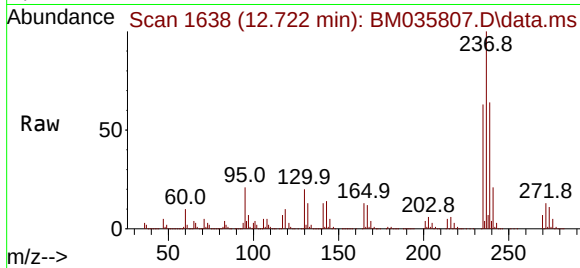




#41
Hexachlorocyclopentadiene
Concen: 104.665 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

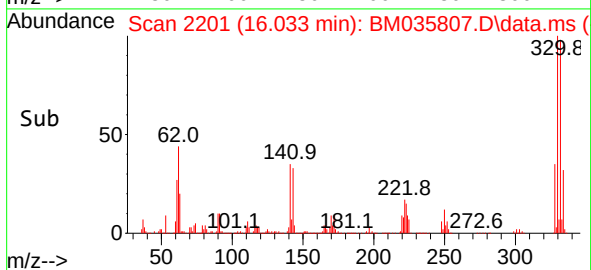
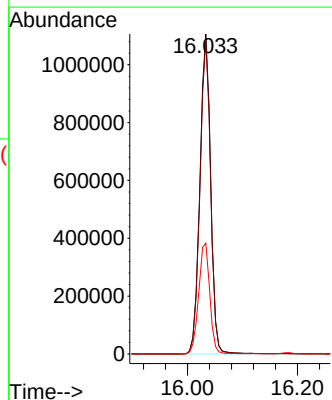
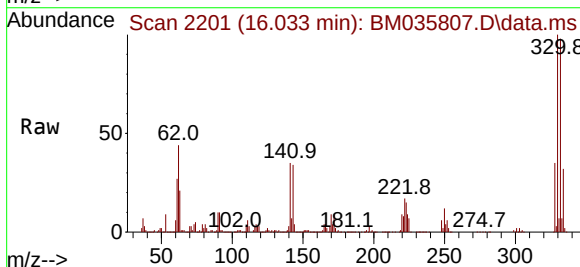
Instrument :
BNA_M
ClientSampleId :
PB146151BS

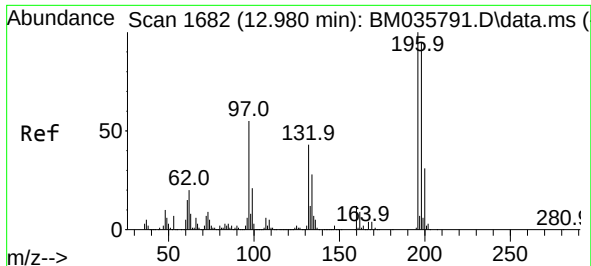
Tgt Ion:237 Resp: 1665794
Ion Ratio Lower Upper
237 100
235 63.0 43.8 83.8
272 13.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 141.127 ng
RT: 16.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:330 Resp: 1510717
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 35.8 35.3 52.9

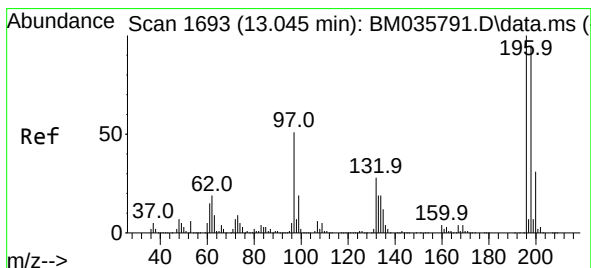
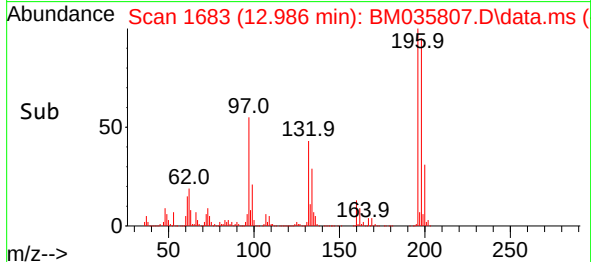
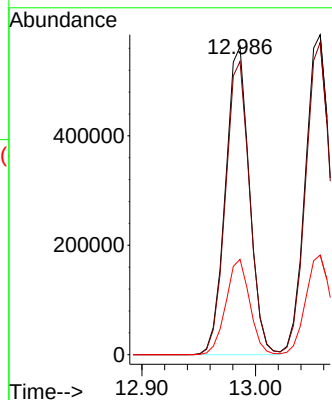
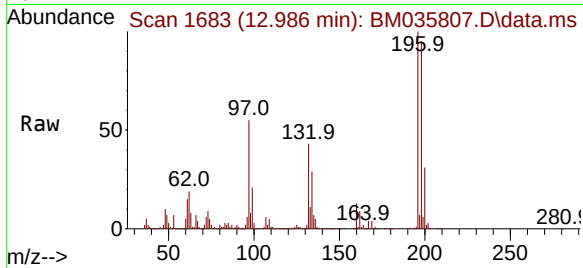




#43
2,4,6-Trichlorophenol
Concen: 46.412 ng
RT: 12.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

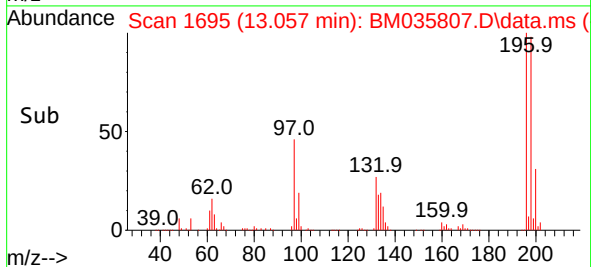
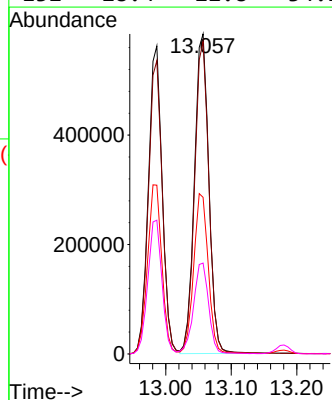
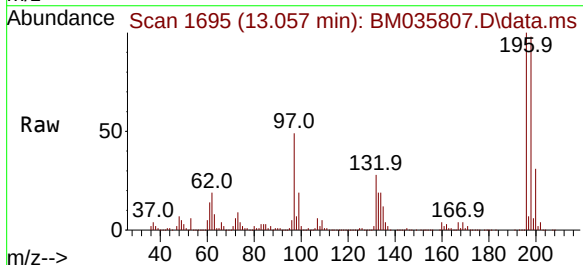
Instrument :
BNA_M
ClientSampleId :
PB146151BS

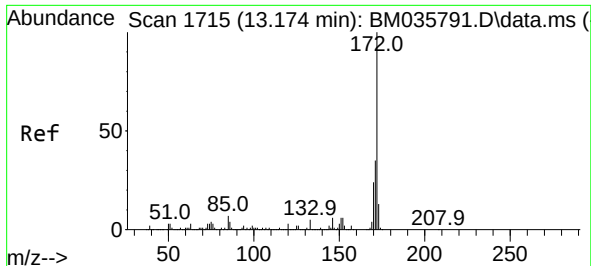
Tgt Ion:196 Resp: 825183
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.6
200 31.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 47.022 ng
RT: 13.057 min Scan# 1695
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:196 Resp: 896821
Ion Ratio Lower Upper
196 100
198 97.6 77.8 116.6
97 49.0 43.4 65.2
132 28.4 22.8 34.2

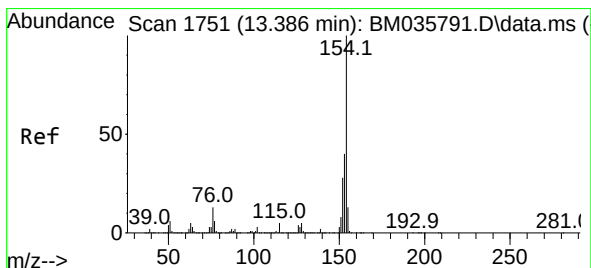
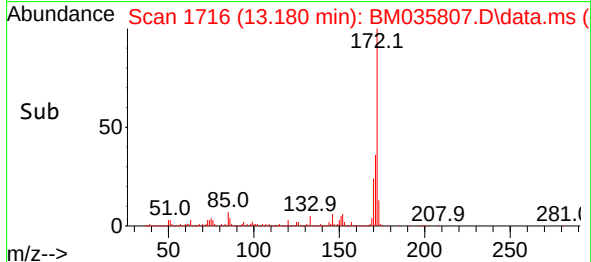
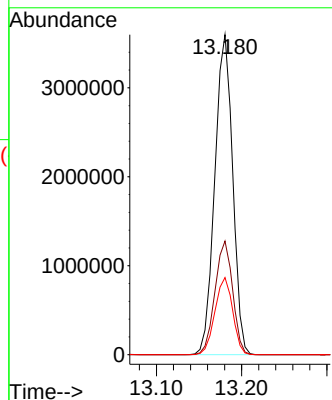
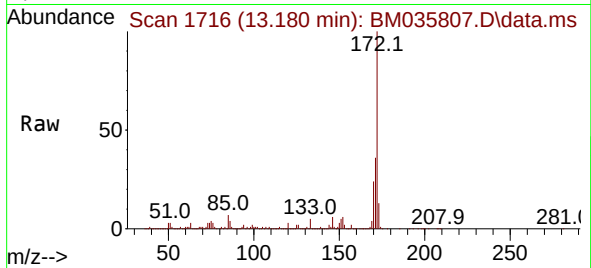




#45
2-Fluorobiphenyl
Concen: 69.275 ng
RT: 13.180 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

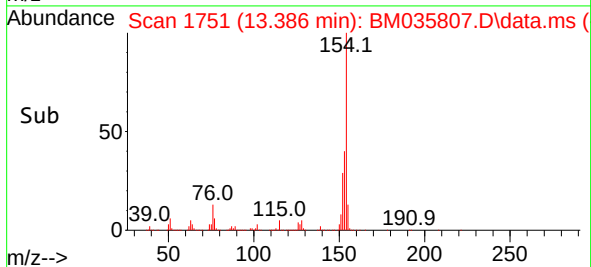
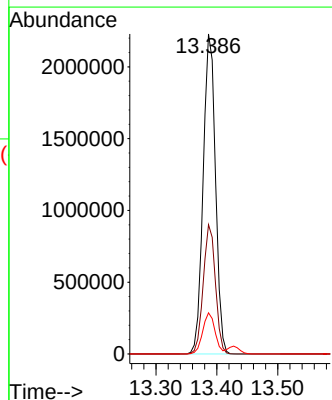
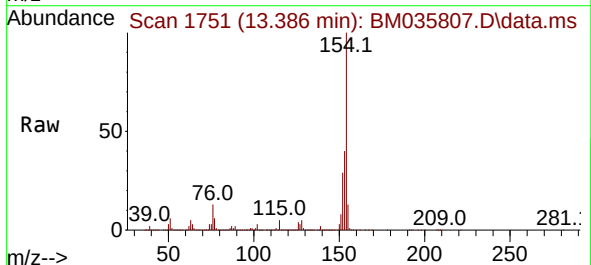
Instrument :
BNA_M
ClientSampleId :
PB146151BS

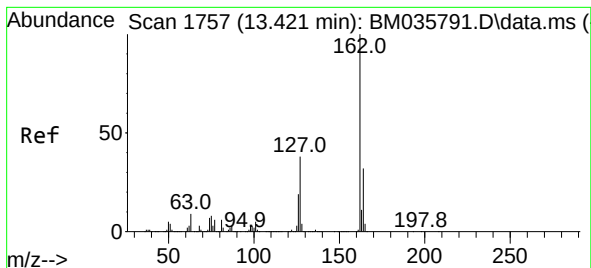
Tgt Ion:172 Resp: 5236105
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 39.007 ng
RT: 13.386 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:154 Resp: 3122867
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.8 0.0 31.8

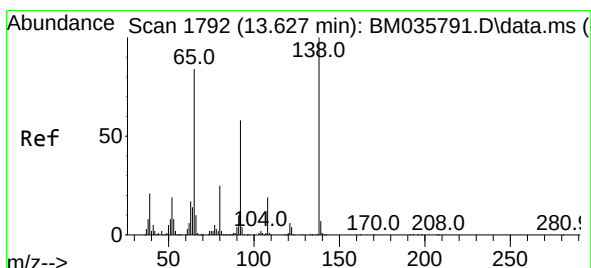
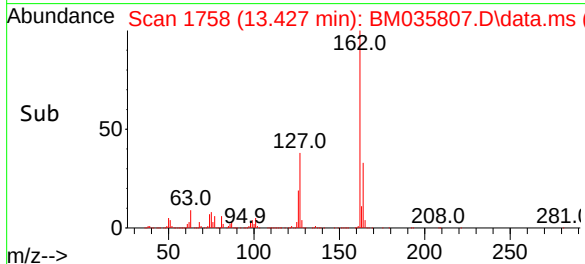
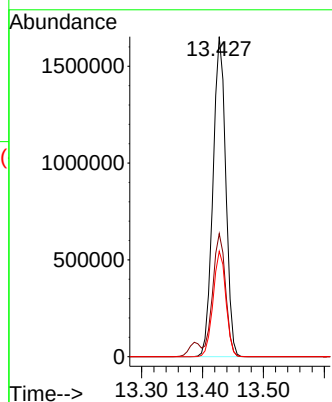
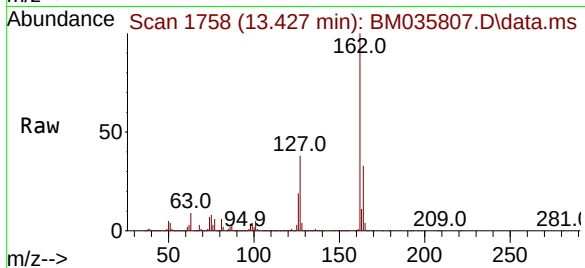




#47
2-Chloronaphthalene
Concen: 39.378 ng
RT: 13.427 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

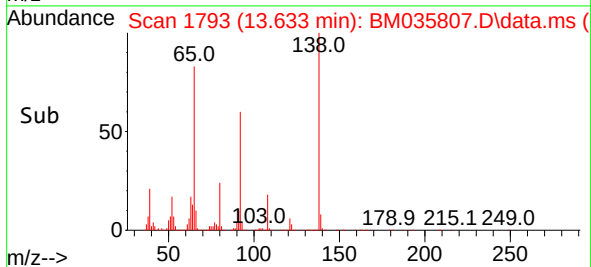
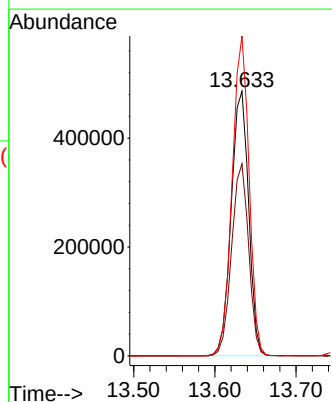
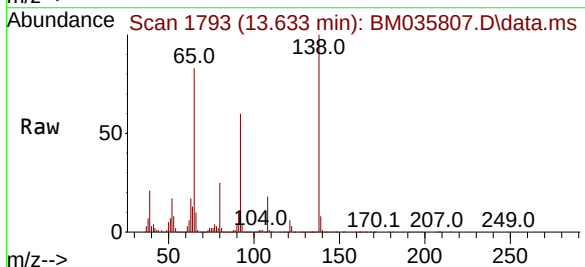
Instrument :
BNA_M
ClientSampleId :
PB146151BS

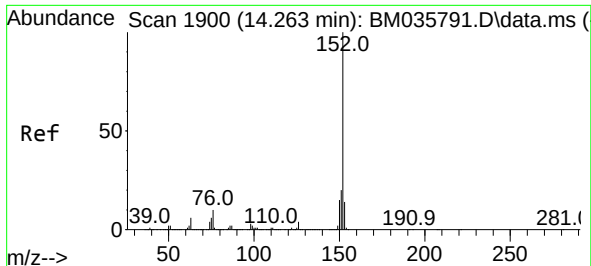
Tgt Ion:162 Resp: 2413700
Ion Ratio Lower Upper
162 100
127 38.4 30.6 45.8
164 32.9 26.6 39.8



#48
2-Nitroaniline
Concen: 45.306 ng
RT: 13.633 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 65 Resp: 723517
Ion Ratio Lower Upper
65 100
92 72.6 53.7 80.5
138 120.9 83.9 125.9

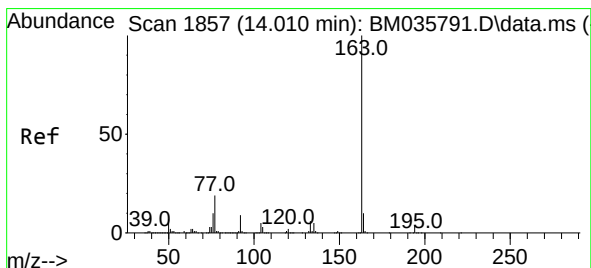
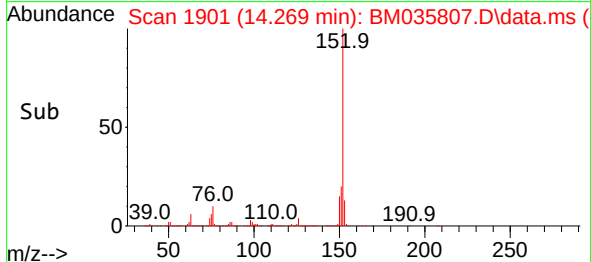
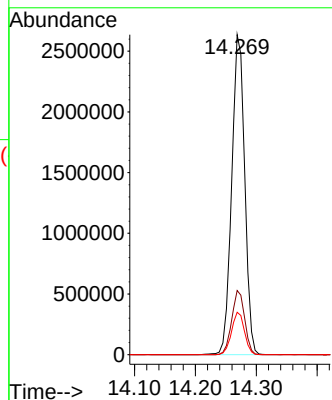
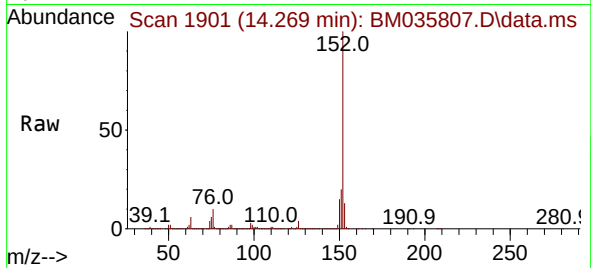




#49
Acenaphthylene
Concen: 42.249 ng
RT: 14.269 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

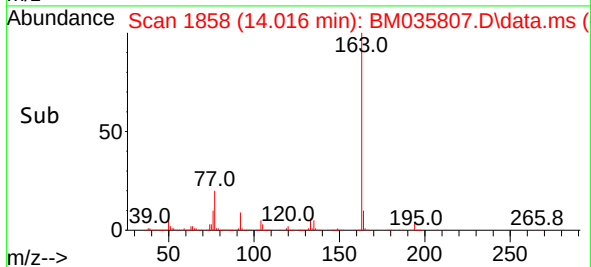
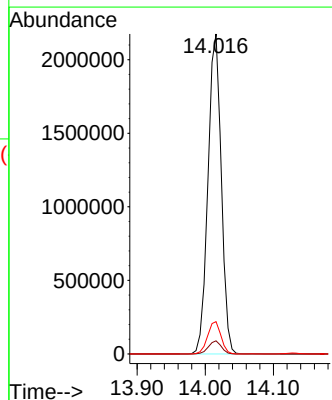
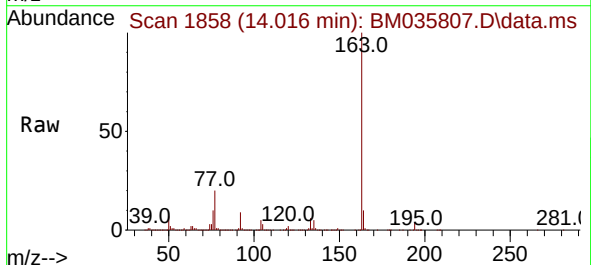
Instrument :
BNA_M
ClientSampleId :
PB146151BS

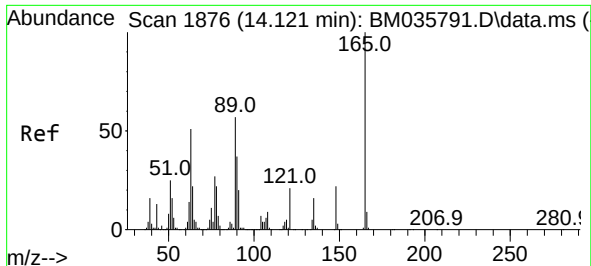
Tgt Ion:152 Resp: 3914330
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 43.375 ng
RT: 14.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:163 Resp: 2946865
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.1 8.4 12.6

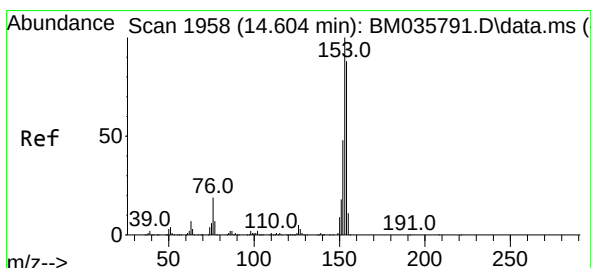
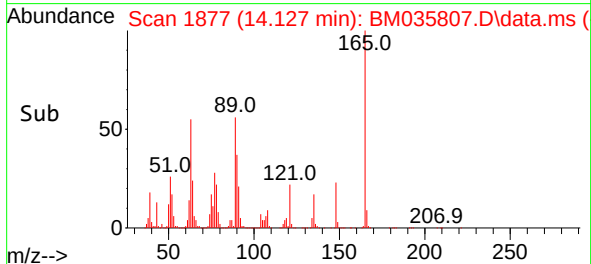
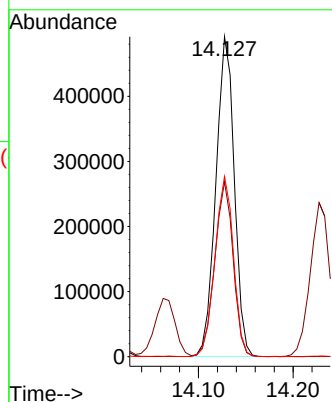
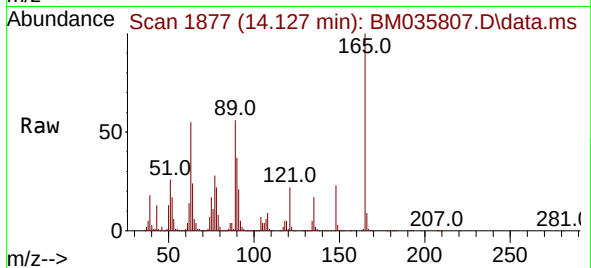




#51
 2,6-Dinitrotoluene
 Concen: 45.109 ng
 RT: 14.127 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: BM035807.D
 Acq: 14 Jul 2022 11:43

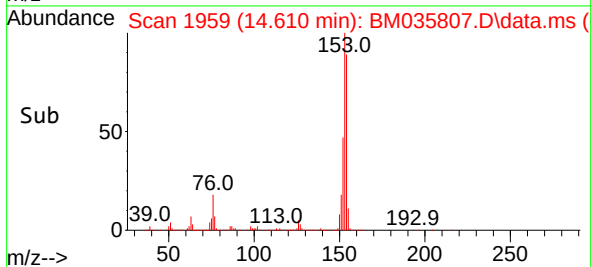
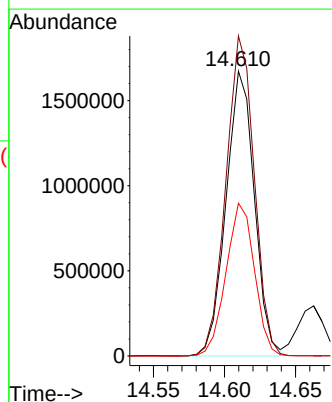
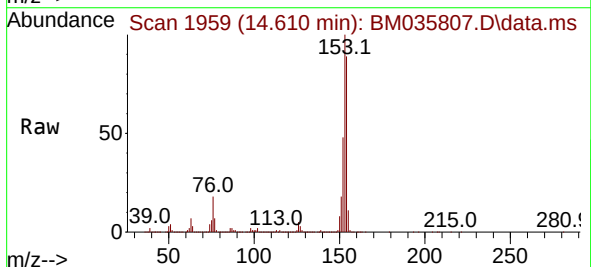
Instrument :
 BNA_M
 ClientSampleId :
 PB146151BS

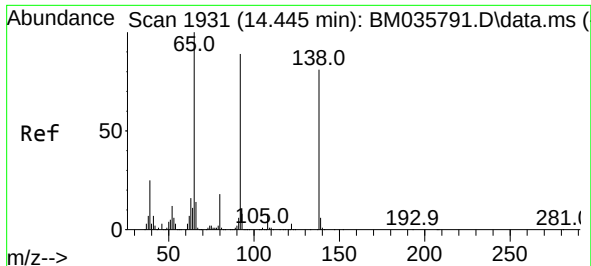
Tgt Ion:165 Resp: 665146
 Ion Ratio Lower Upper
 165 100
 63 54.7 50.2 75.2
 89 56.4 48.4 72.6



#52
 Acenaphthene
 Concen: 41.048 ng
 RT: 14.610 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: BM035807.D
 Acq: 14 Jul 2022 11:43

Tgt Ion:154 Resp: 2321105
 Ion Ratio Lower Upper
 154 100
 153 112.4 91.0 136.6
 152 53.7 43.4 65.2

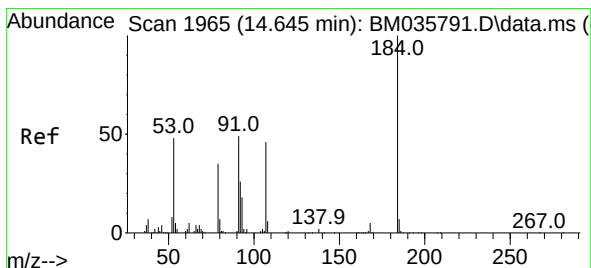
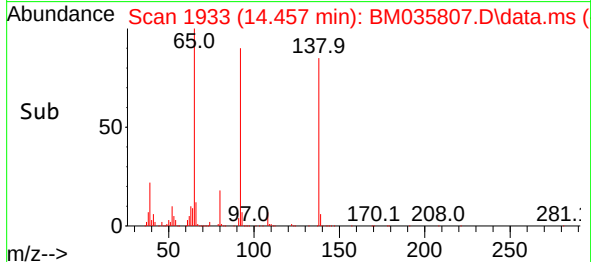
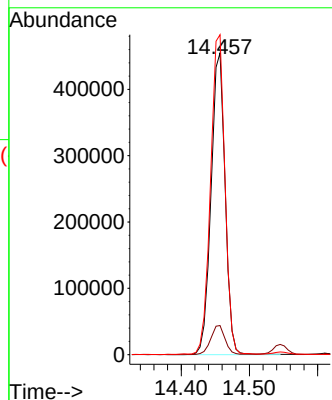
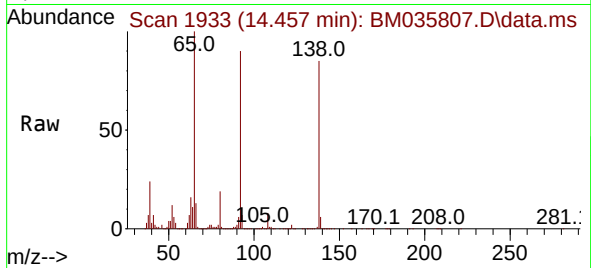




#53
3-Nitroaniline
Concen: 37.625 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

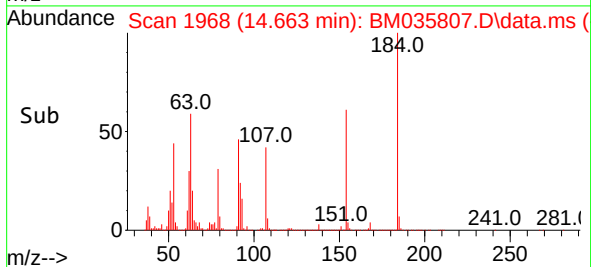
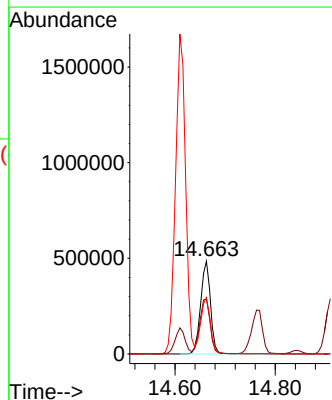
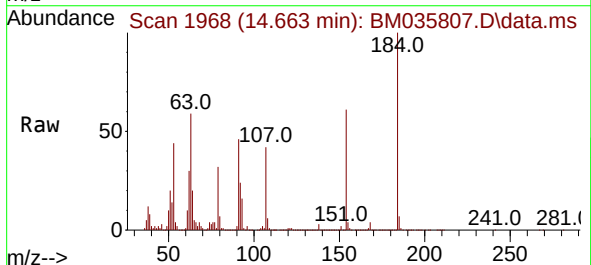
Instrument :
BNA_M
ClientSampleId :
PB146151BS

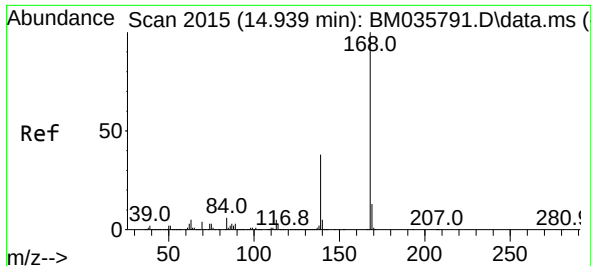
Tgt Ion:138 Resp: 653601
Ion Ratio Lower Upper
138 100
108 9.6 8.7 13.1
92 106.0 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 103.763 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:184 Resp: 661706
Ion Ratio Lower Upper
184 100
63 59.3 59.5 89.3#
154 60.6 55.6 83.4

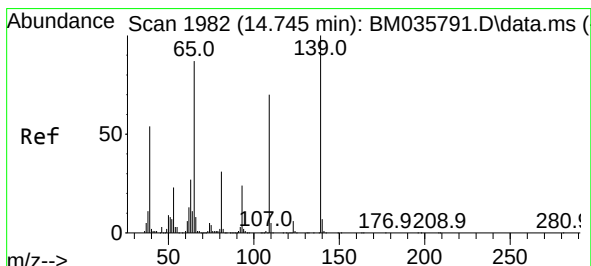
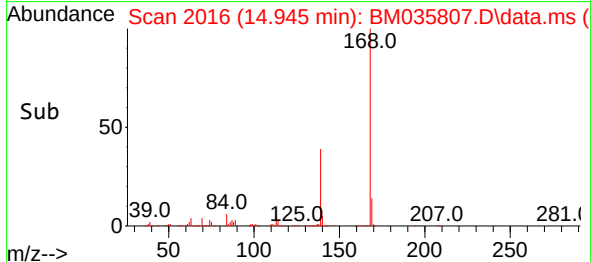
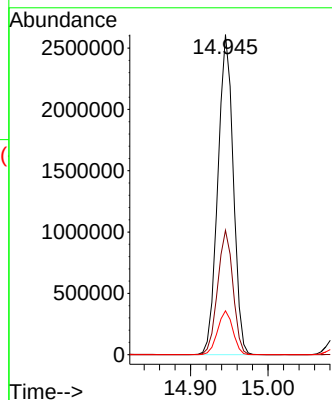
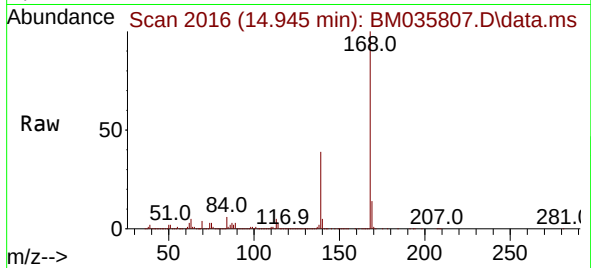




#55
Dibenzenofuran
Concen: 39.452 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

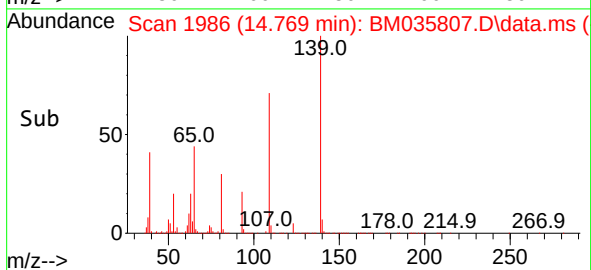
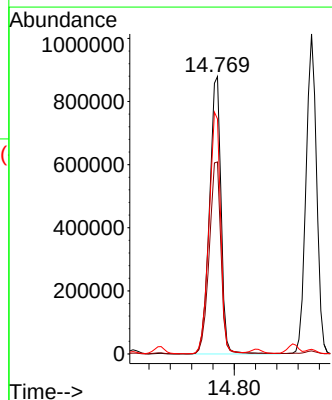
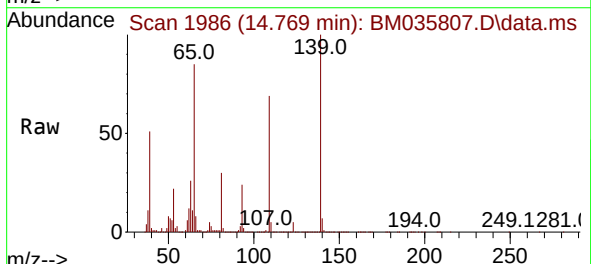
Instrument :
BNA_M
ClientSampleId :
PB146151BS

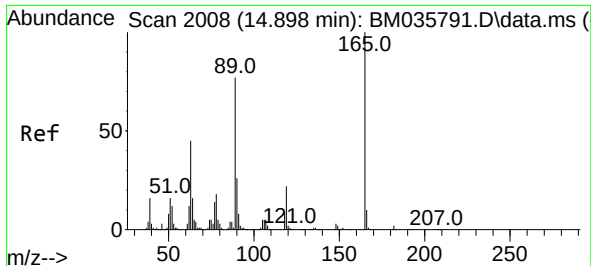
Tgt Ion:168 Resp: 3607532
Ion Ratio Lower Upper
168 100
139 38.9 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 95.242 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.024 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:139 Resp: 1327026
Ion Ratio Lower Upper
139 100
109 69.2 62.5 102.5
65 84.7 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 47.055 ng

RT: 14.910 min Scan# 20

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

Tgt Ion:165 Resp: 918050

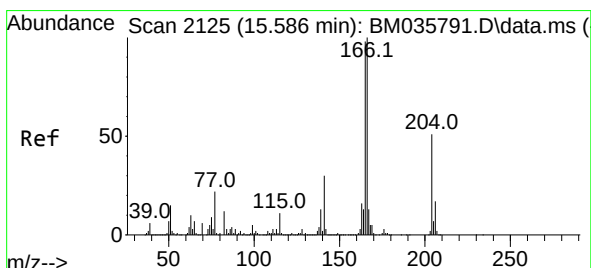
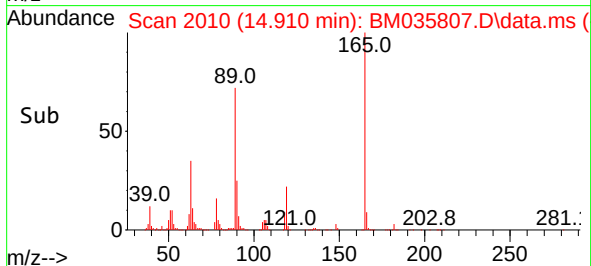
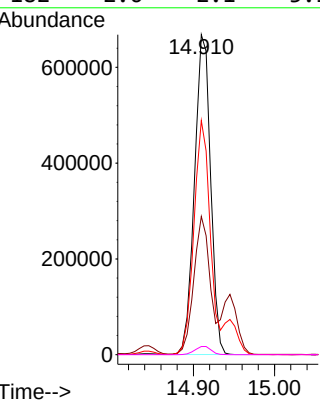
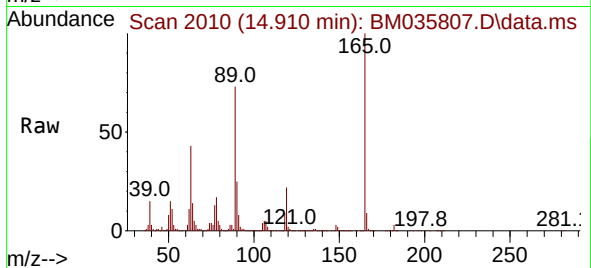
Ion Ratio Lower Upper

165 100

63 43.2 35.6 53.4

89 73.2 57.3 85.9

182 2.6 2.1 3.1



#58

Fluorene

Concen: 41.729 ng

RT: 15.592 min Scan# 2126

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

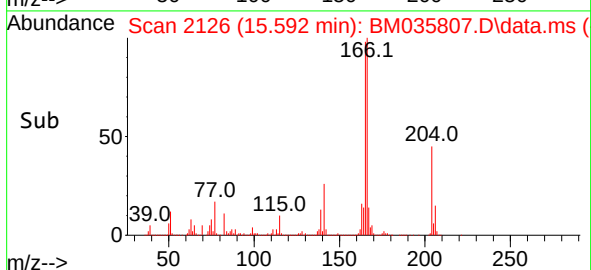
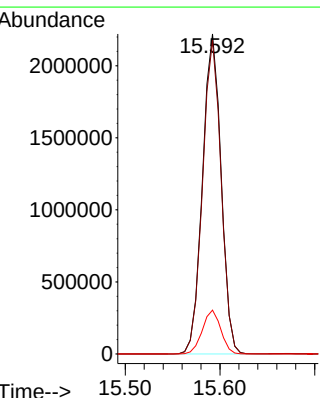
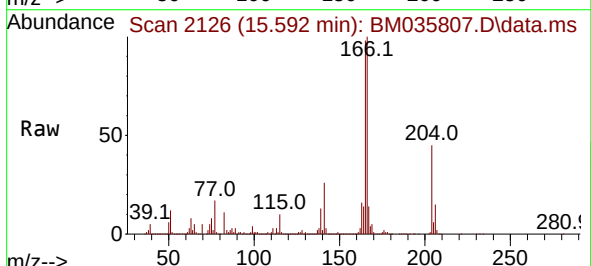
Tgt Ion:166 Resp: 3027470

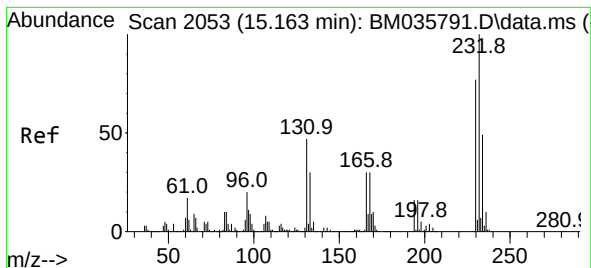
Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.2

167 13.7 10.6 16.0

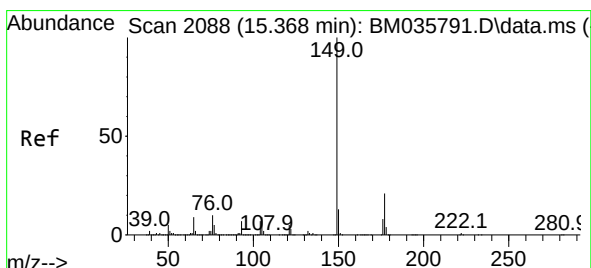
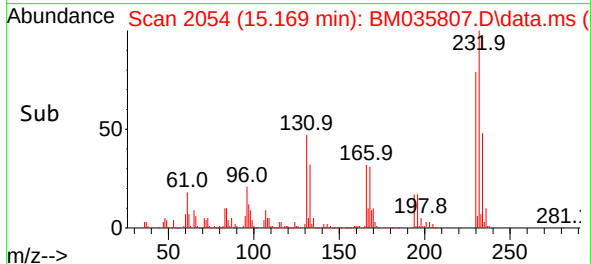
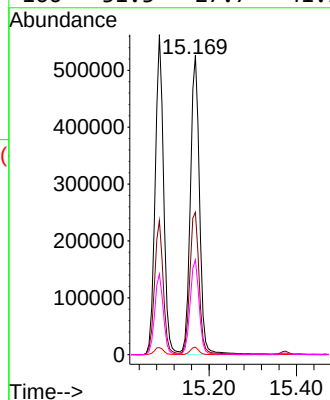
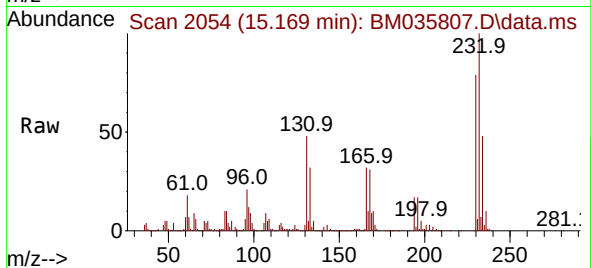




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.051 ng
RT: 15.169 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

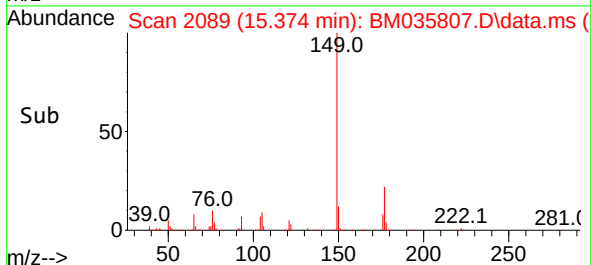
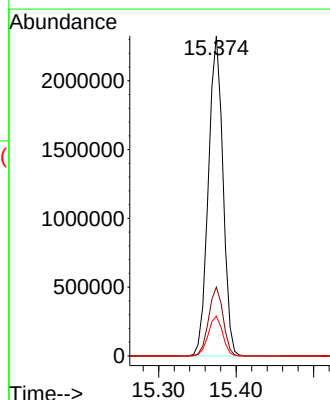
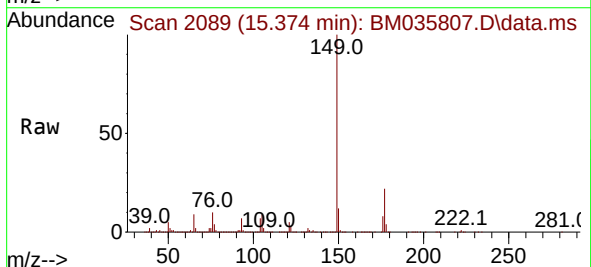
Instrument :
BNA_M
ClientSampleId :
PB146151BS

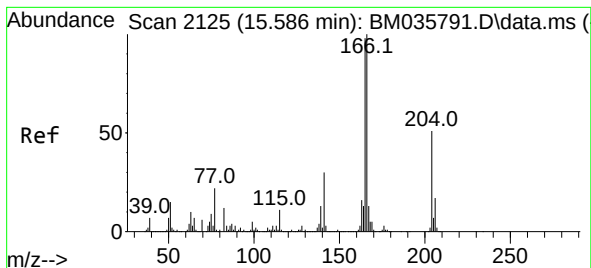
Tgt Ion:232 Resp: 755538
Ion Ratio Lower Upper
232 100
131 48.6 41.0 61.6
130 2.5 2.3 3.5
166 31.3 27.7 41.5



#60
Diethylphthalate
Concen: 45.357 ng
RT: 15.374 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:149 Resp: 3031782
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.4 10.1 15.1

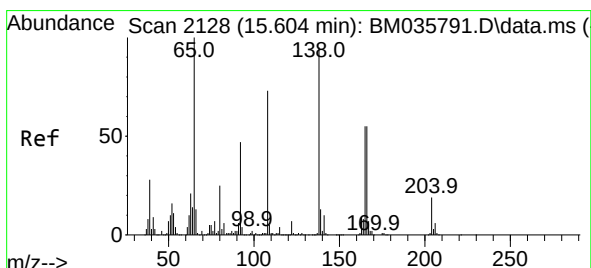
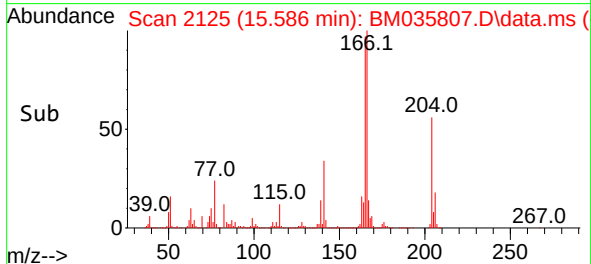
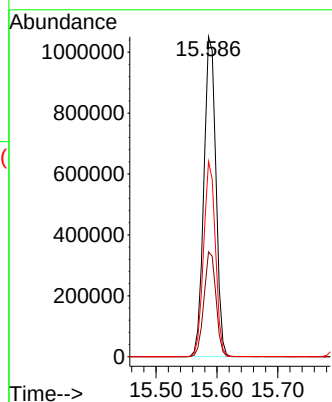
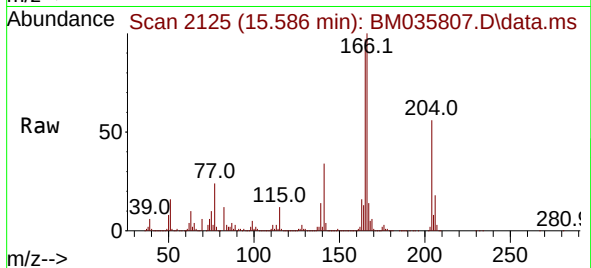




#61
4-Chlorophenyl-phenylether
Concen: 39.950 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

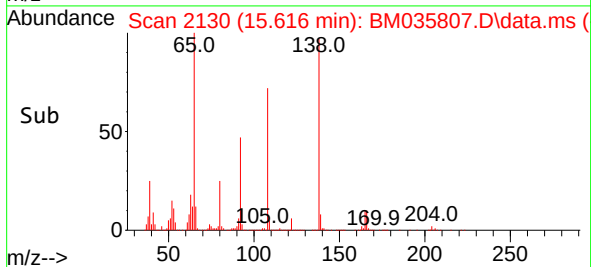
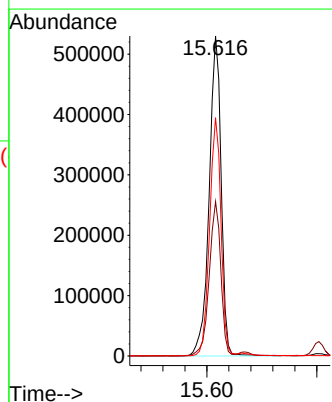
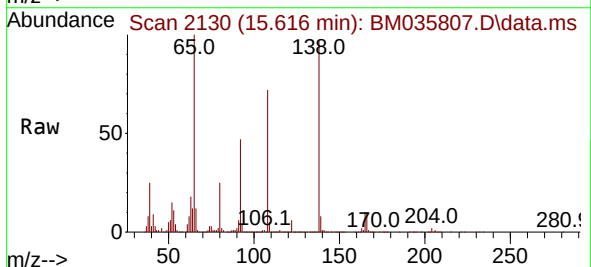
Instrument :
BNA_M
ClientSampleId :
PB146151BS

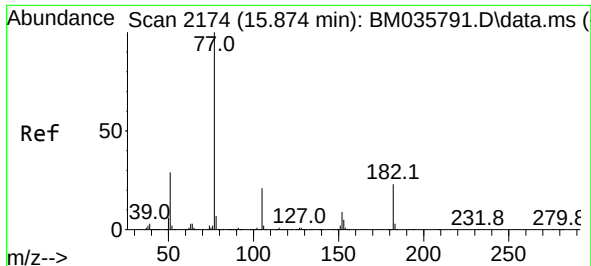
Tgt Ion:204 Resp: 1439005
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 61.0 51.2 76.8



#62
4-Nitroaniline
Concen: 43.815 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:138 Resp: 802984
Ion Ratio Lower Upper
138 100
92 48.2 30.8 70.8
108 74.5 65.7 105.7



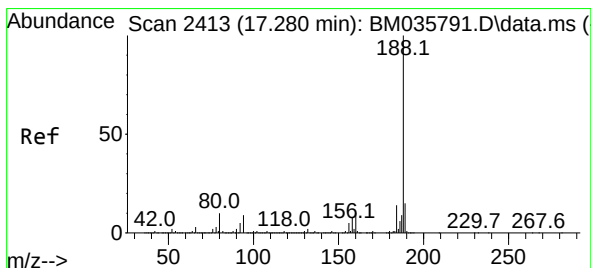
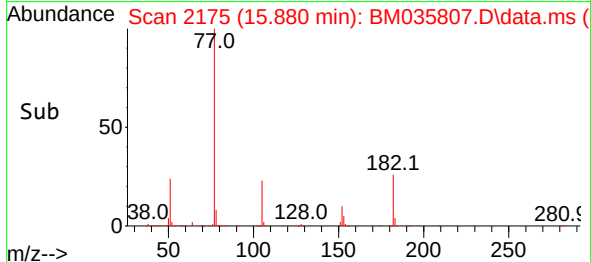
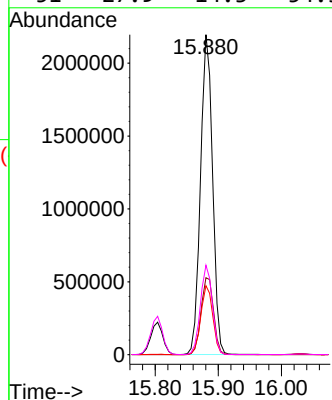
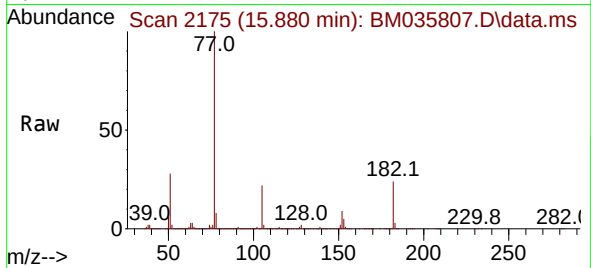


#63
Azobenzene
Concen: 41.951 ng
RT: 15.880 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Instrument :
BNA_M
ClientSampleId :
PB146151BS

Tgt Ion: 77 Resp: 2905982

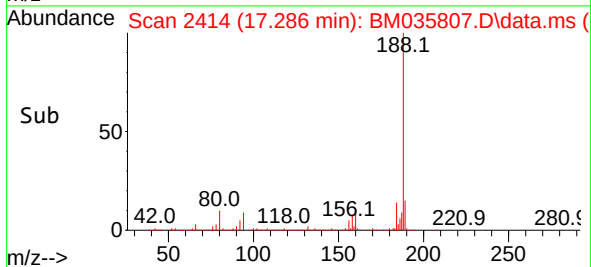
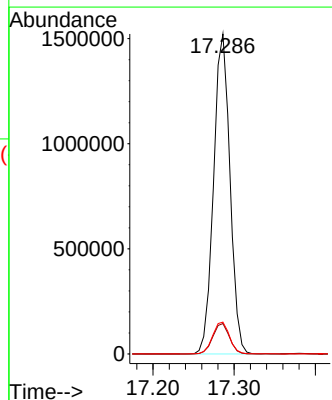
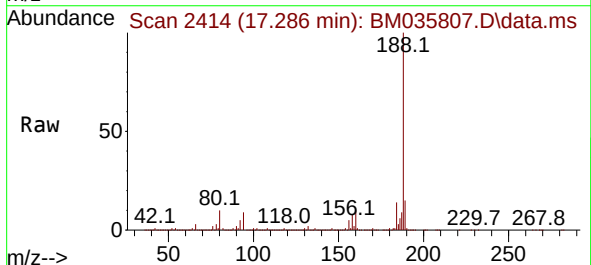
Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.9	44.9
105	21.5	0.0	39.6
51	27.9	14.3	54.3

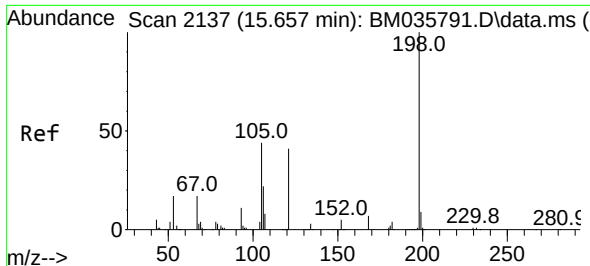


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion: 188 Resp: 2133748

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	9.9	7.6	11.4

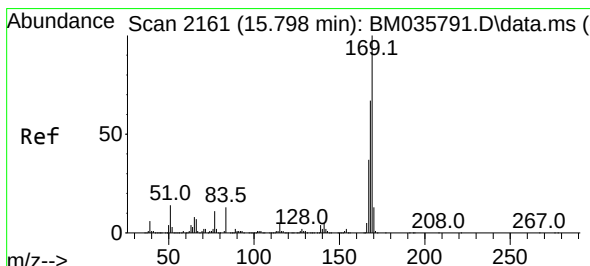
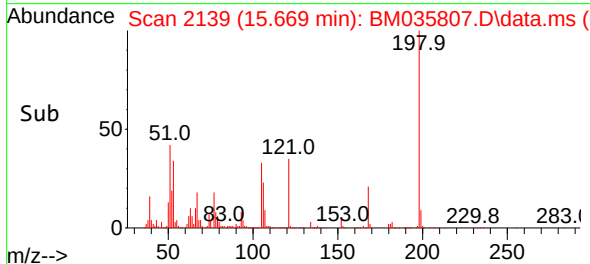
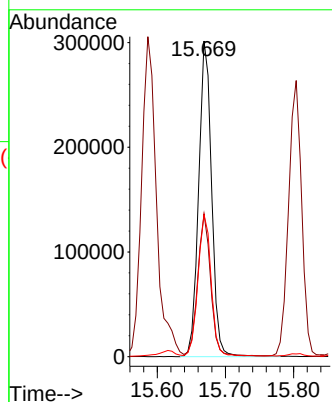
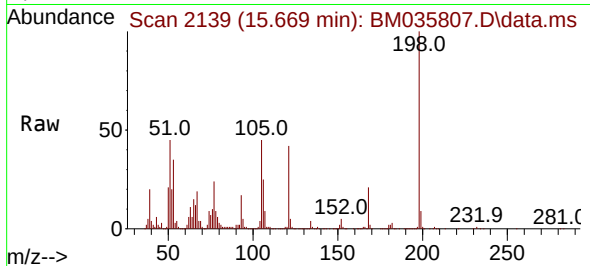




#65
4,6-Dinitro-2-methylphenol
Concen: 44.673 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

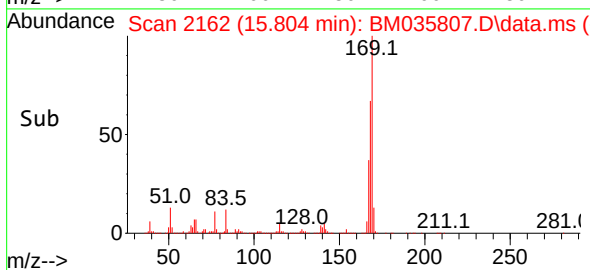
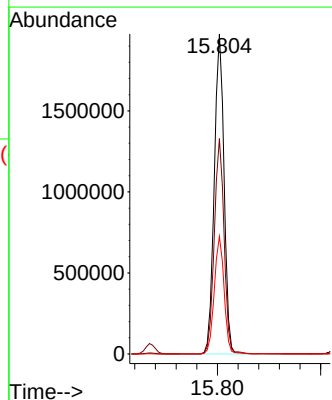
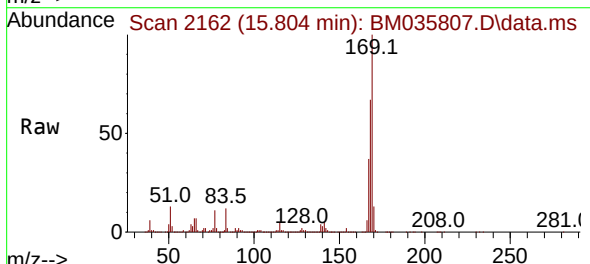
Instrument :
BNA_M
ClientSampleId :
PB146151BS

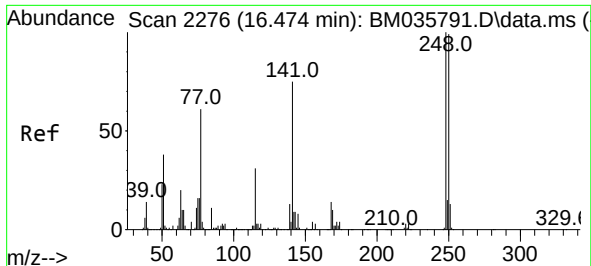
Tgt Ion:198 Resp: 396493
Ion Ratio Lower Upper
198 100
51 45.2 29.0 69.0
105 45.0 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 42.537 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:169 Resp: 2595409
Ion Ratio Lower Upper
169 100
168 67.3 54.3 81.5
167 36.7 29.4 44.0

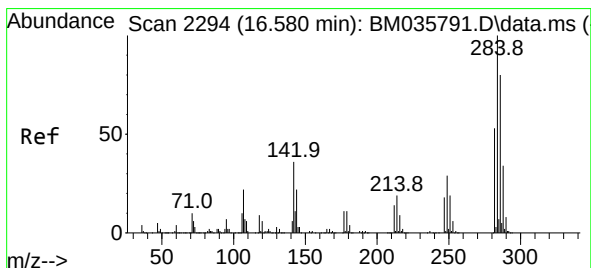
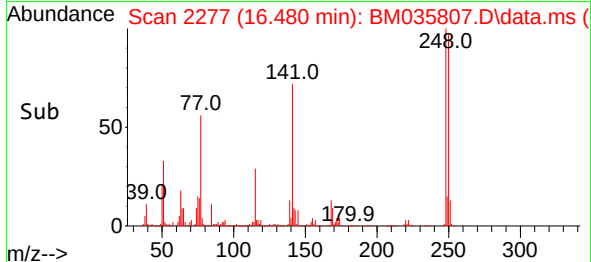
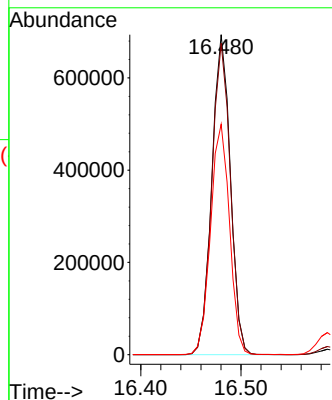
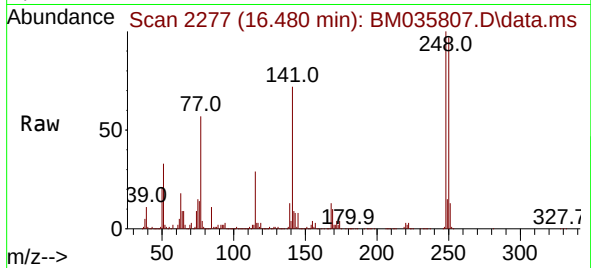




#67
4-Bromophenyl-phenylether
Concen: 42.238 ng
RT: 16.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

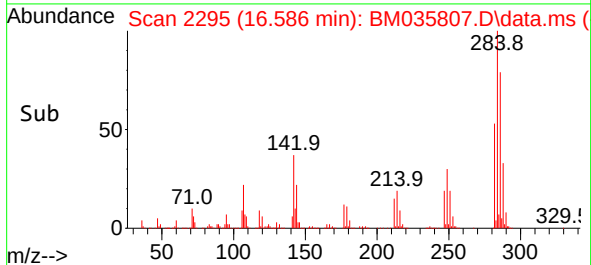
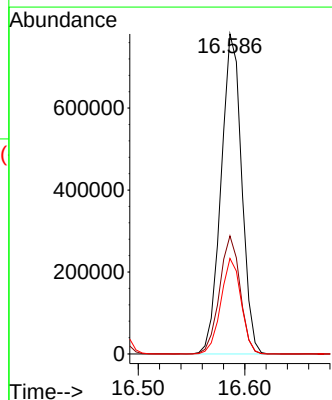
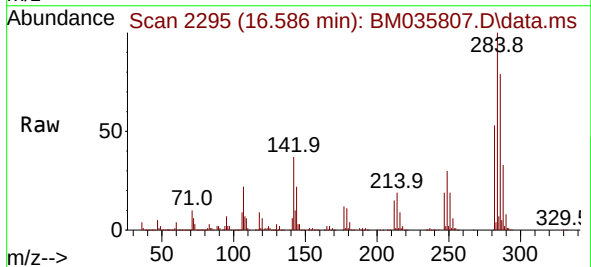
Instrument :
BNA_M
ClientSampleId :
PB146151BS

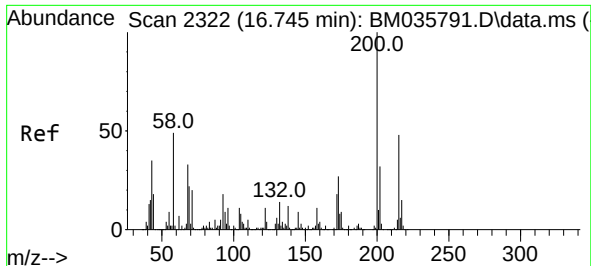
Tgt Ion:248 Resp: 892564
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 72.0 66.0 99.0



#68
Hexachlorobenzene
Concen: 41.891 ng
RT: 16.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:284 Resp: 1045523
Ion Ratio Lower Upper
284 100
142 36.9 33.6 50.4
249 29.8 26.2 39.2

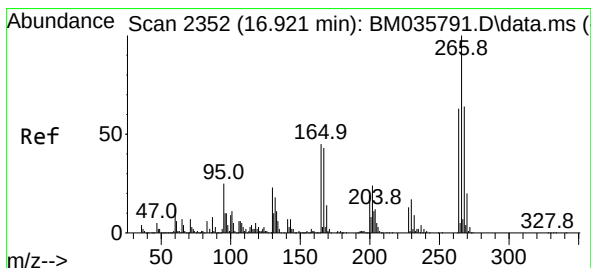
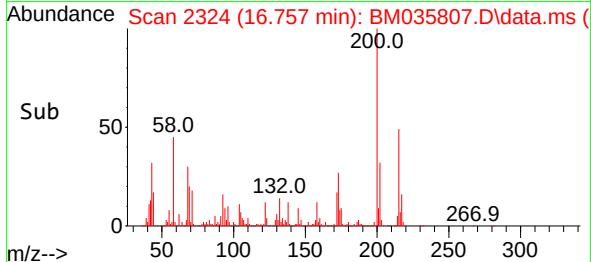
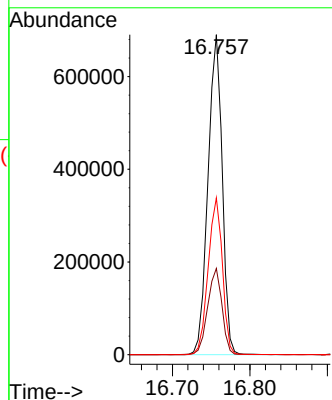
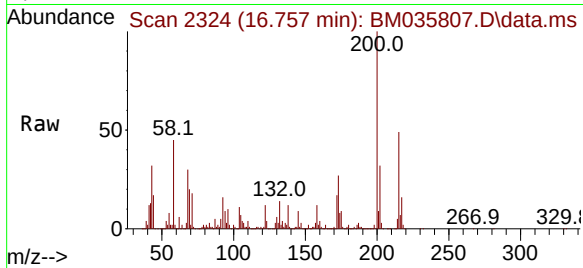




#69
 Atrazine
 Concen: 55.797 ng
 RT: 16.757 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BM035807.D
 Acq: 14 Jul 2022 11:43

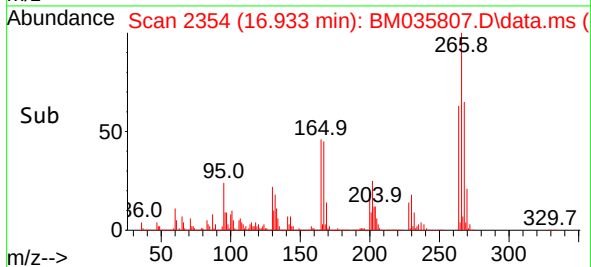
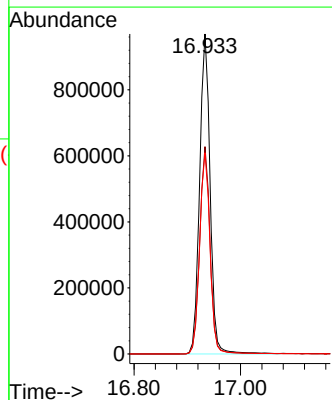
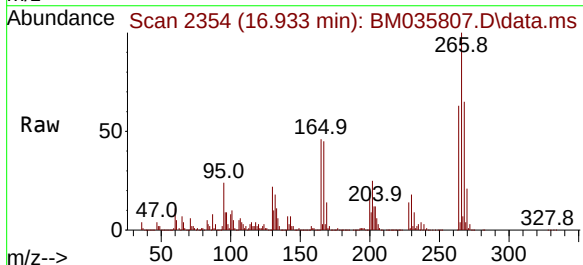
Instrument :
 BNA_M
 ClientSampleId :
 PB146151BS

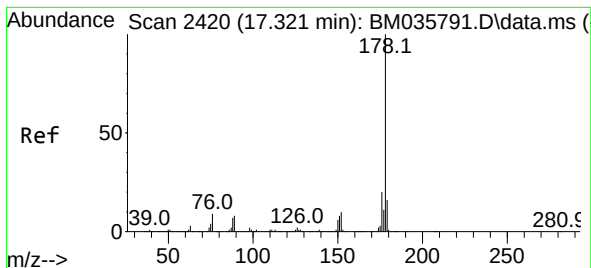
Tgt Ion:200 Resp: 879660
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.6 46.6
 215 49.0 26.2 66.2



#70
 Pentachlorophenol
 Concen: 102.576 ng
 RT: 16.933 min Scan# 2354
 Delta R.T. 0.012 min
 Lab File: BM035807.D
 Acq: 14 Jul 2022 11:43

Tgt Ion:266 Resp: 1322599
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.9 77.9
 264 62.9 50.6 76.0





#71

Phenanthrene

Concen: 41.212 ng

RT: 17.327 min Scan# 2421

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

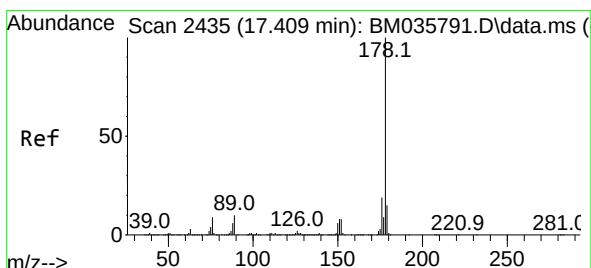
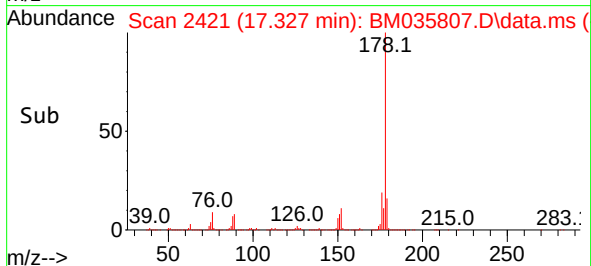
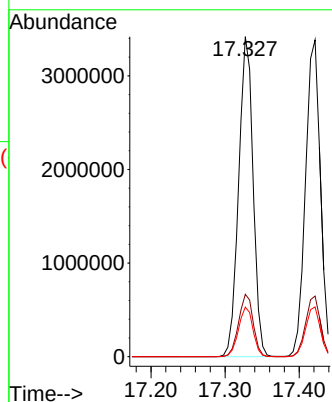
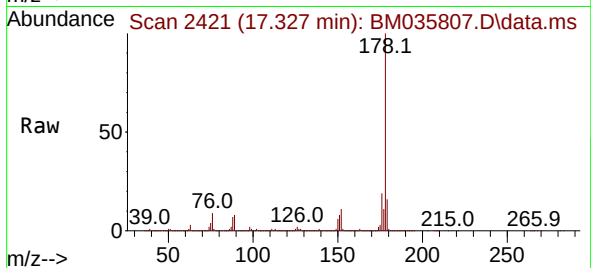
Tgt Ion:178 Resp: 4619486

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 43.891 ng

RT: 17.421 min Scan# 2437

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

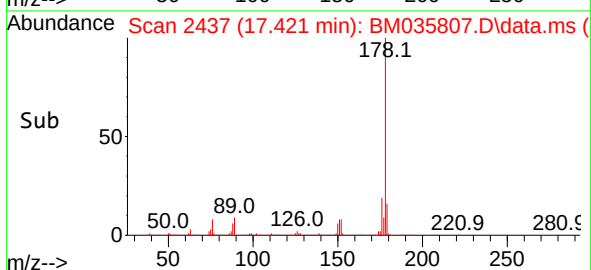
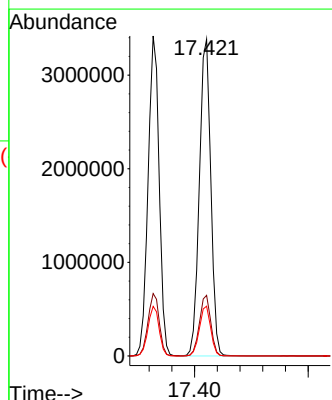
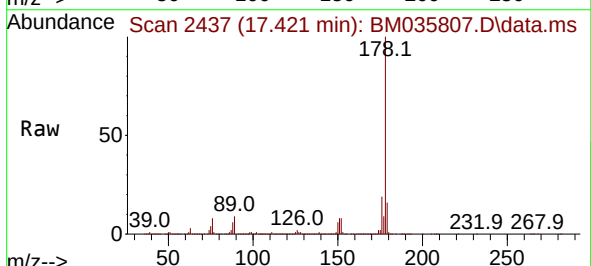
Tgt Ion:178 Resp: 4733006

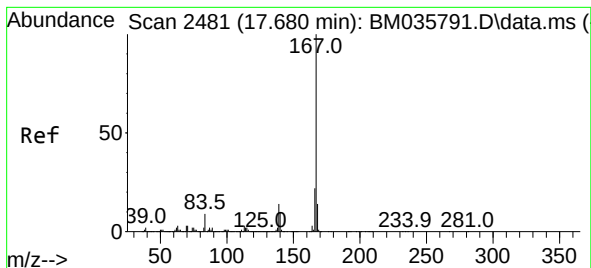
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 15.7 12.2 18.2





#73

Carbazole

Concen: 41.172 ng

RT: 17.686 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

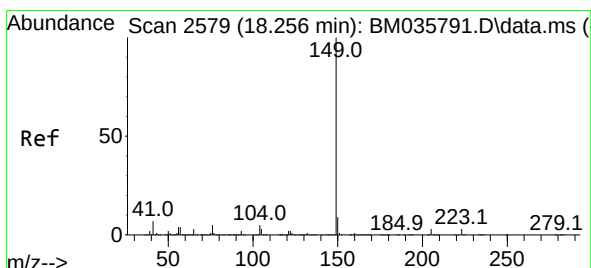
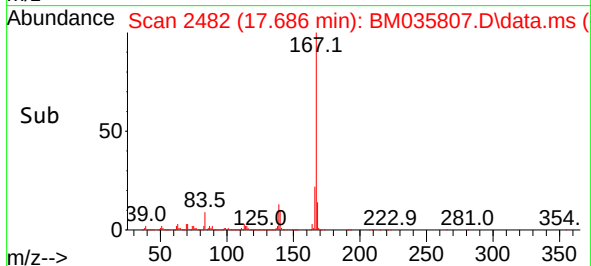
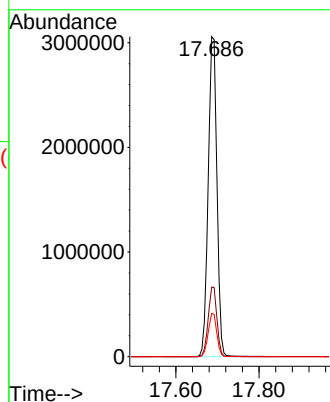
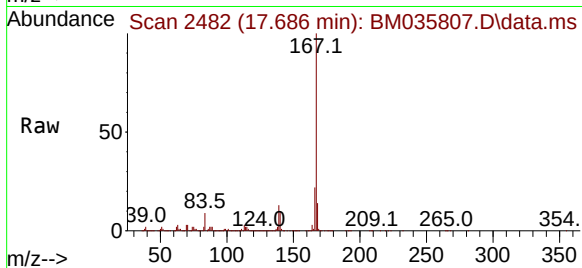
Tgt Ion:167 Resp: 4466632

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.611 ng

RT: 18.262 min Scan# 2580

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

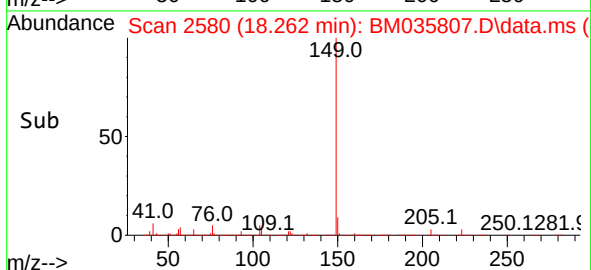
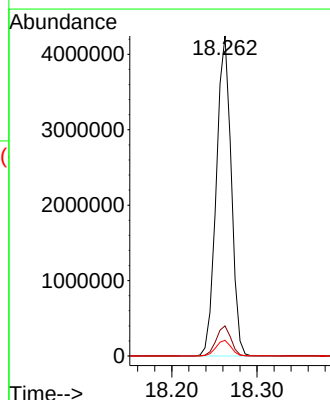
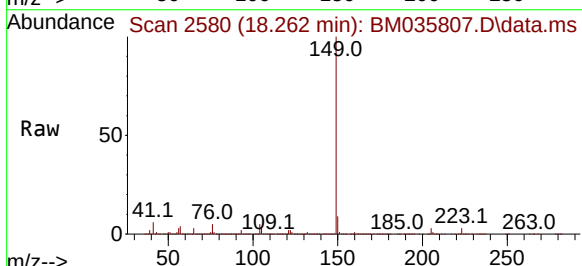
Tgt Ion:149 Resp: 5144626

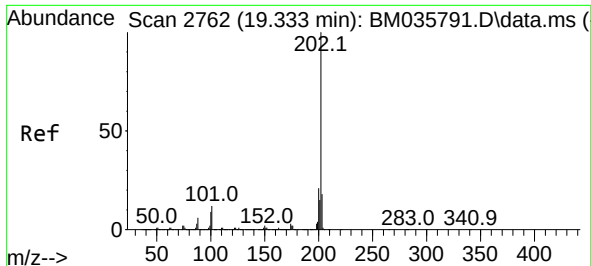
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.9 4.3 6.5

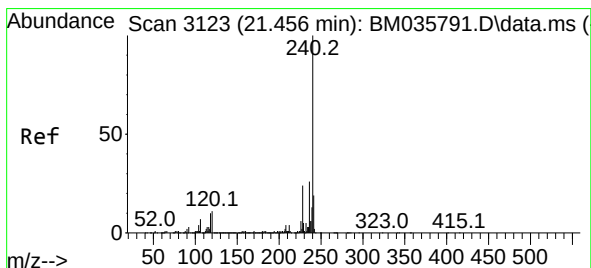
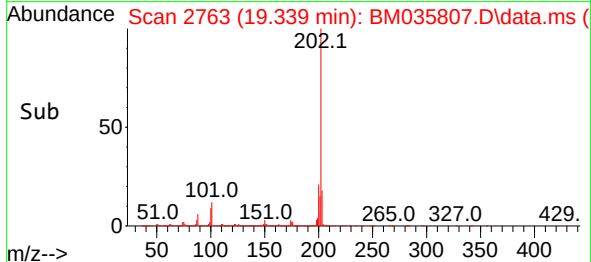
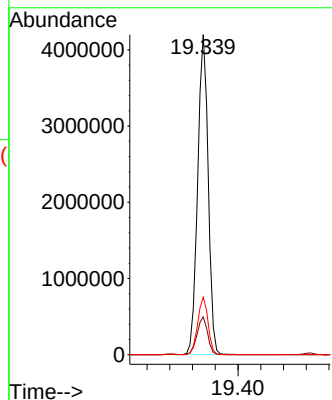
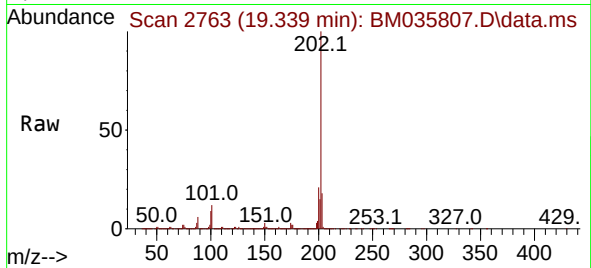




#75
Fluoranthene
Concen: 43.152 ng
RT: 19.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

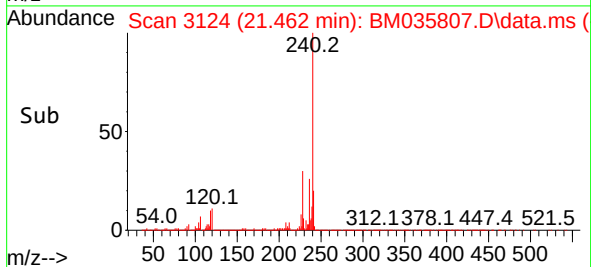
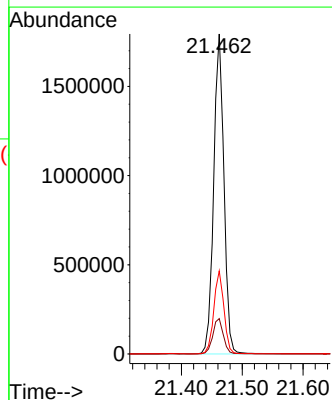
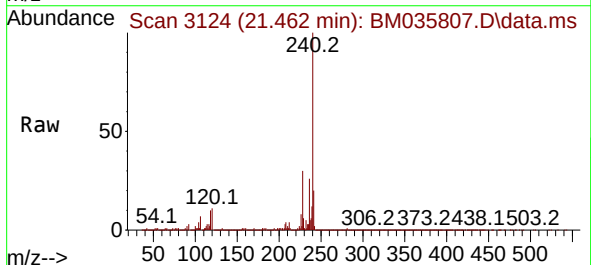
Instrument :
BNA_M
ClientSampleId :
PB146151BS

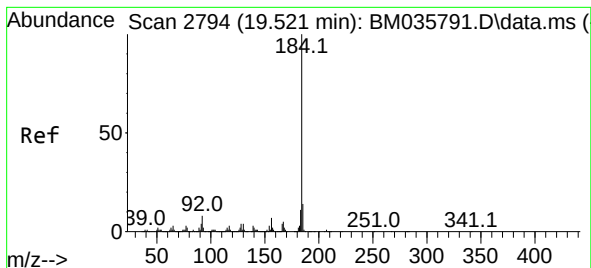
Tgt Ion:202 Resp: 5409467
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.6
203 18.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:240 Resp: 2097164
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.0
236 26.0 20.6 30.8





#77

Benzidine

Concen: 136.744 ng

RT: 19.527 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

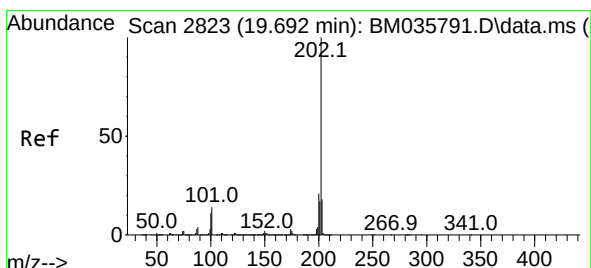
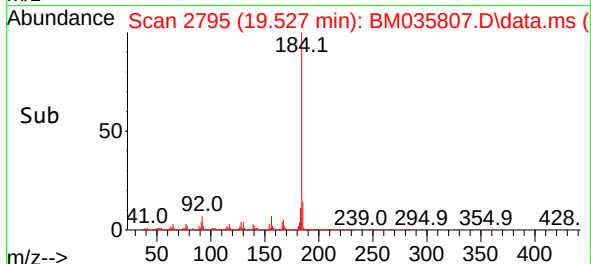
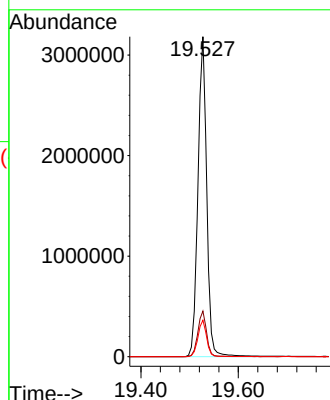
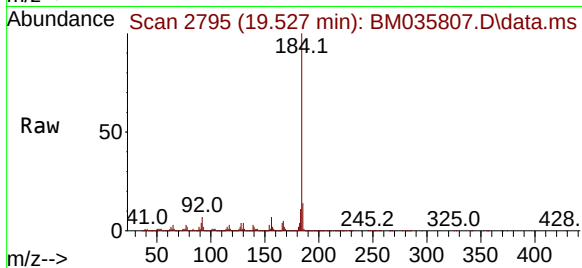
Tgt Ion:184 Resp: 4014808

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.4 9.5 14.3



#78

Pyrene

Concen: 42.256 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

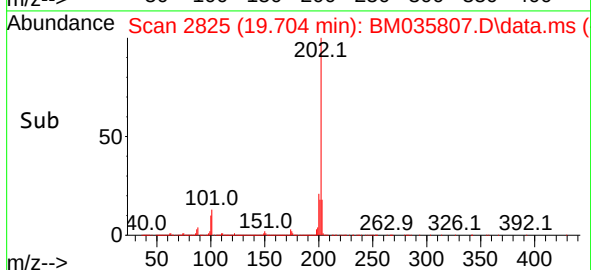
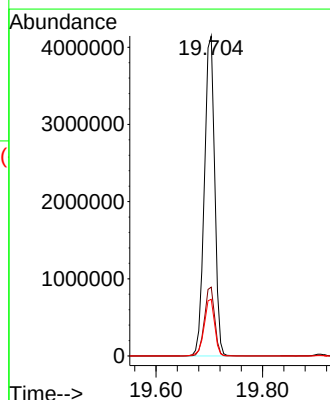
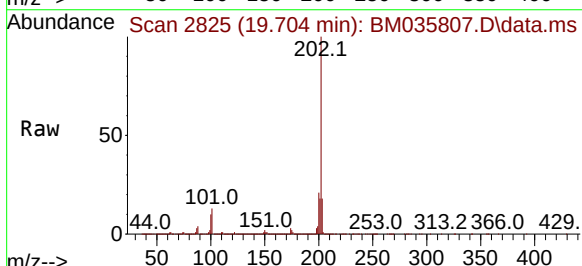
Tgt Ion:202 Resp: 5565156

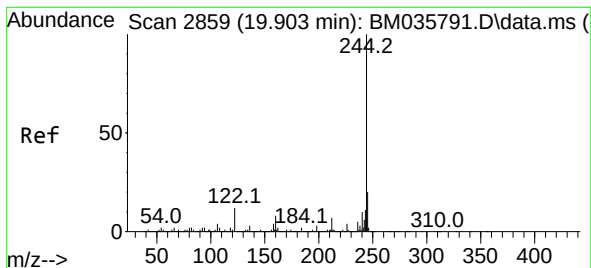
Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 76.358 ng

RT: 19.909 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

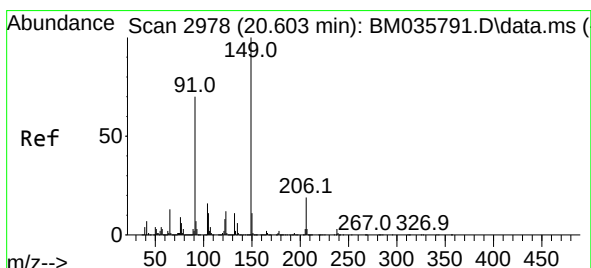
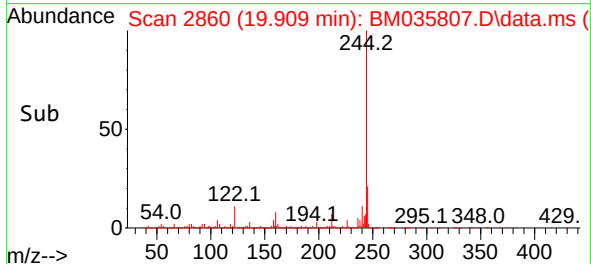
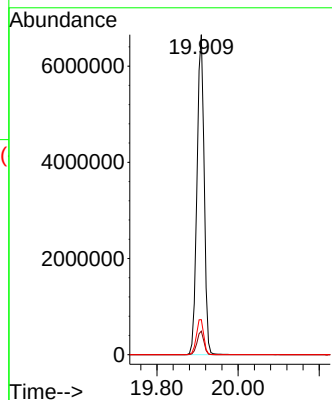
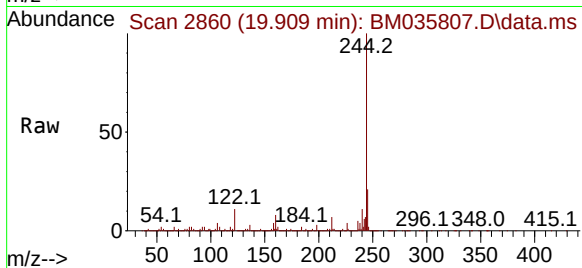
Tgt Ion:244 Resp: 8249367

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 10.9 8.3 12.5



#80

Butylbenzylphthalate

Concen: 47.160 ng

RT: 20.604 min Scan# 2978

Delta R.T. 0.000 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

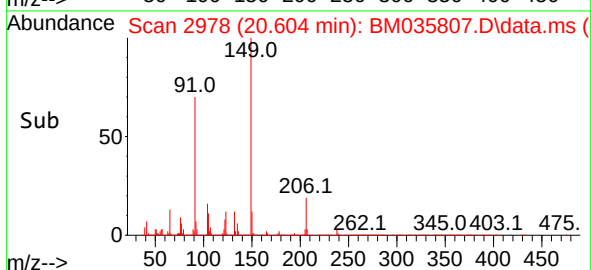
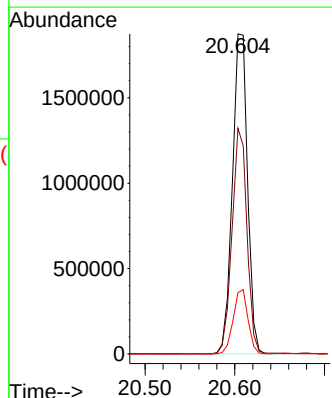
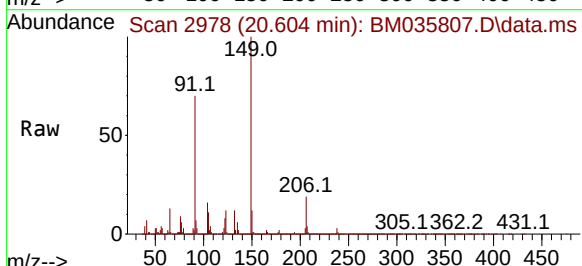
Tgt Ion:149 Resp: 2193409

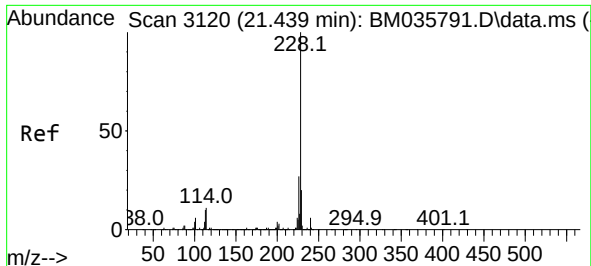
Ion Ratio Lower Upper

149 100

91 70.5 56.6 85.0

206 19.1 15.4 23.0

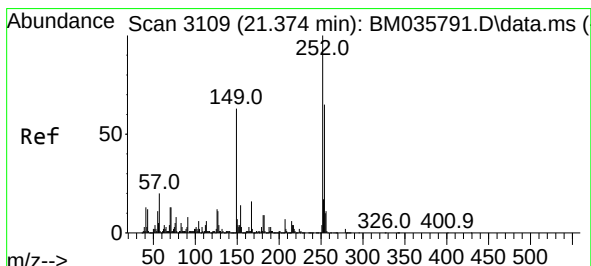
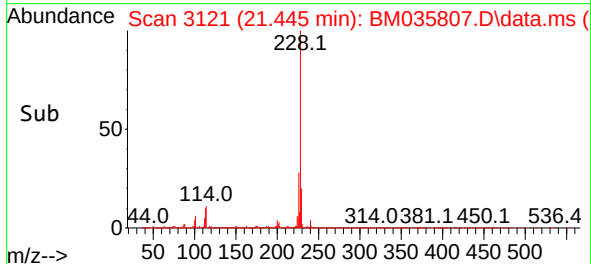
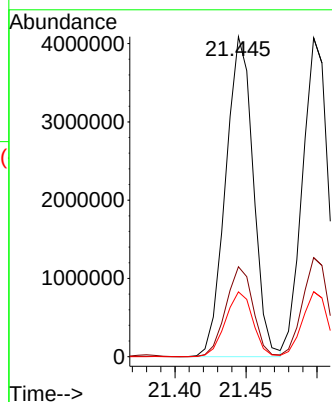
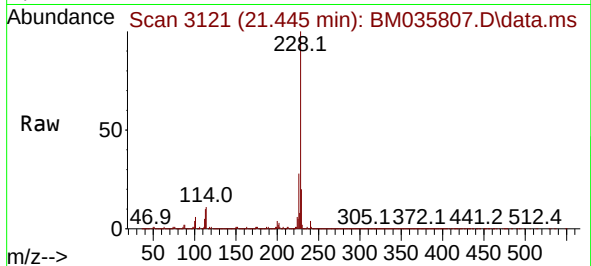




#81
Benzo(a)anthracene
Concen: 42.043 ng
RT: 21.445 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

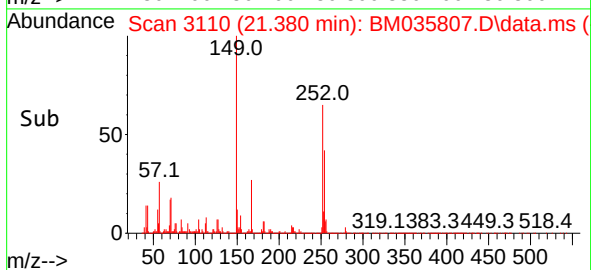
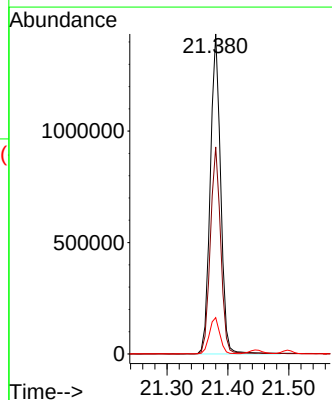
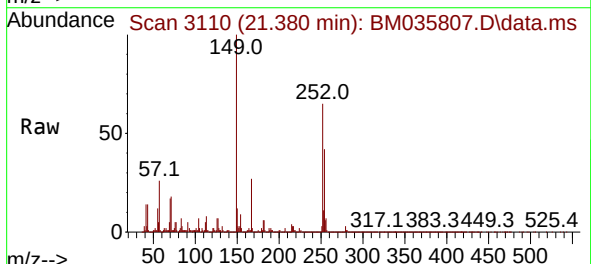
Instrument :
BNA_M
ClientSampleId :
PB146151BS

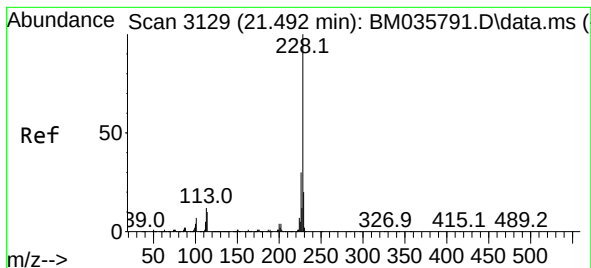
Tgt Ion:228 Resp: 5531092
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 63.785 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:252 Resp: 1701238
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 11.4 9.4 14.0





#83

Chrysene

Concen: 40.582 ng

RT: 21.498 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

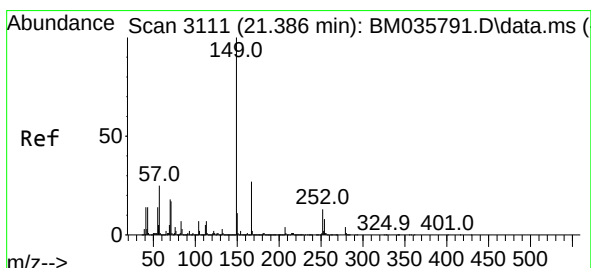
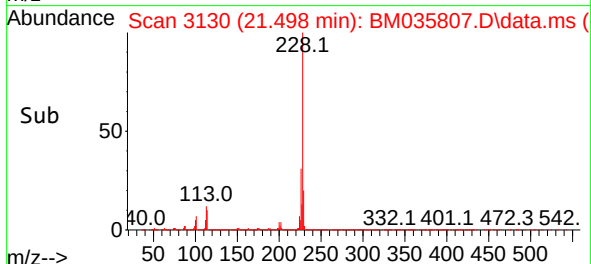
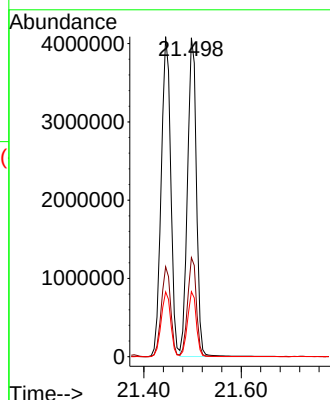
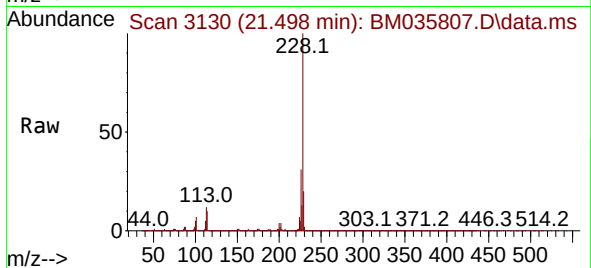
Tgt Ion:228 Resp: 5154537

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 20.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.293 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

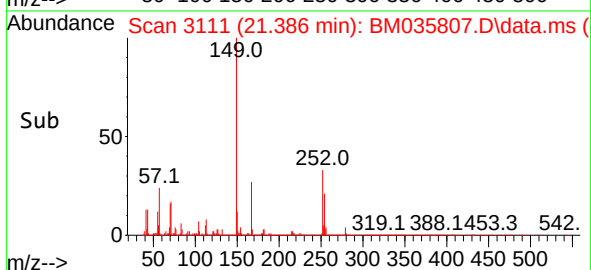
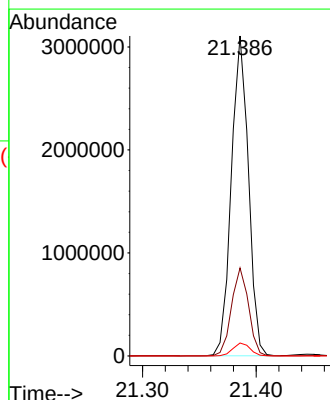
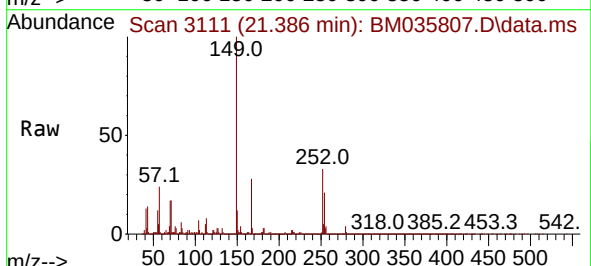
Tgt Ion:149 Resp: 3242782

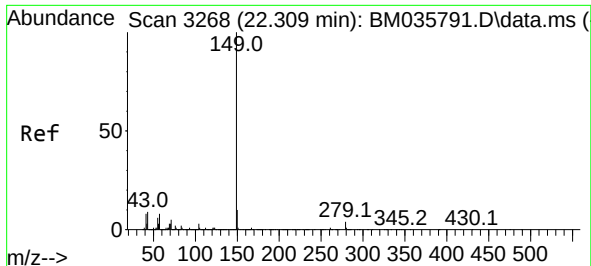
Ion Ratio Lower Upper

149 100

167 27.5 21.1 31.7

279 4.1 2.8 4.2

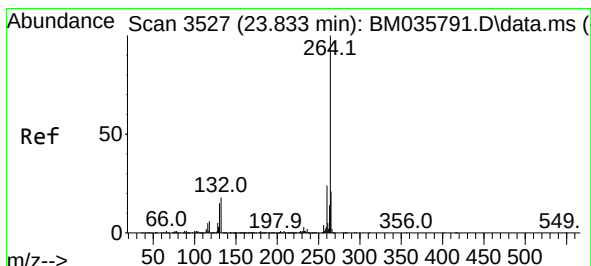
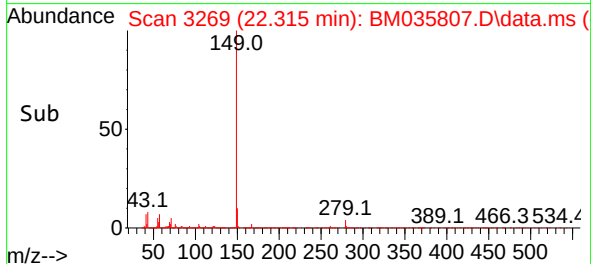
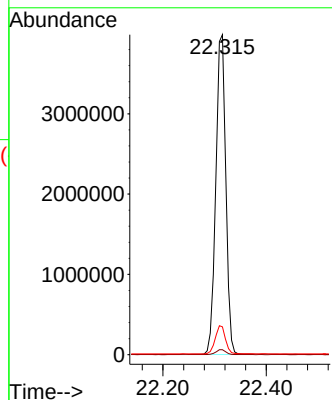
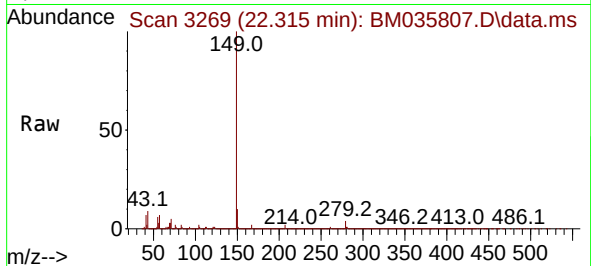




#85
Di-n-octyl phthalate
Concen: 51.960 ng
RT: 22.315 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

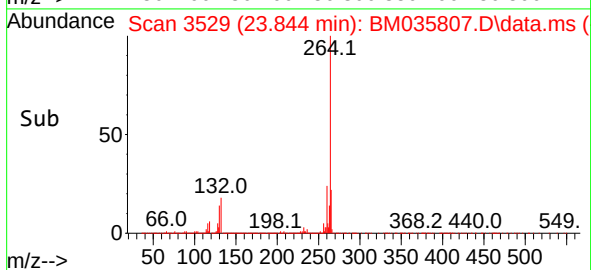
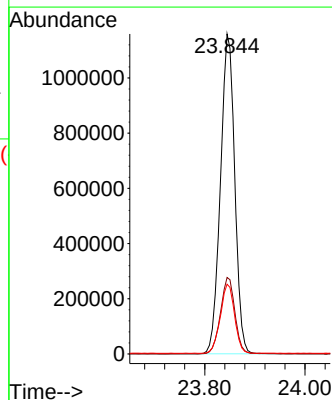
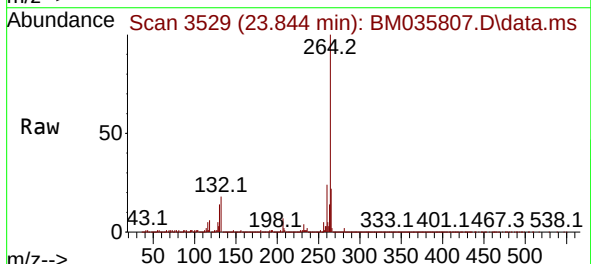
Instrument :
BNA_M
ClientSampleId :
PB146151BS

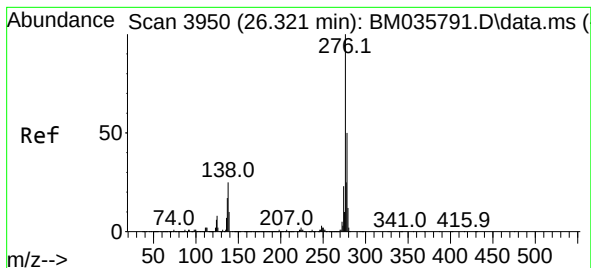
Tgt Ion:149 Resp: 5332960
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3529
Delta R.T. 0.011 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:264 Resp: 2294509
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.759 ng

RT: 26.344 min Scan# 3954

Delta R.T. 0.023 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

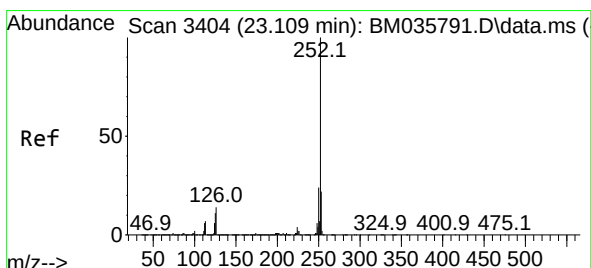
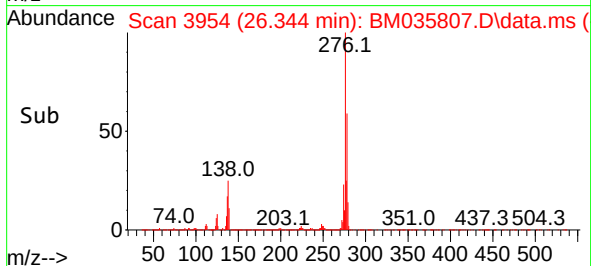
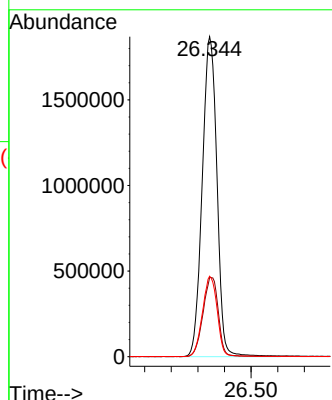
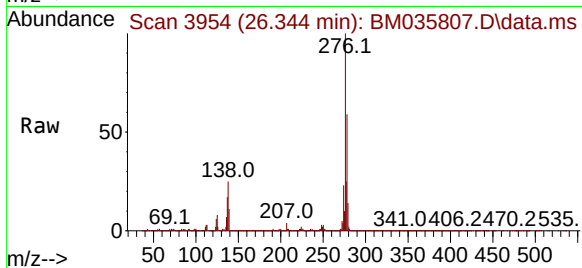
Tgt Ion:276 Resp: 7144520

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.818 ng

RT: 23.121 min Scan# 3406

Delta R.T. 0.012 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

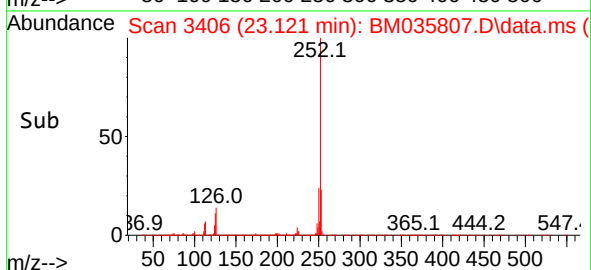
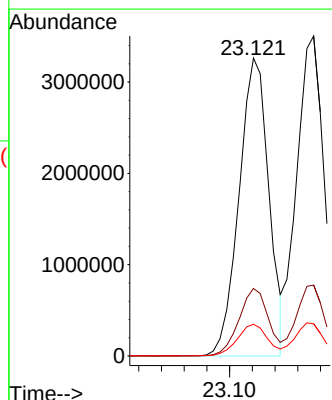
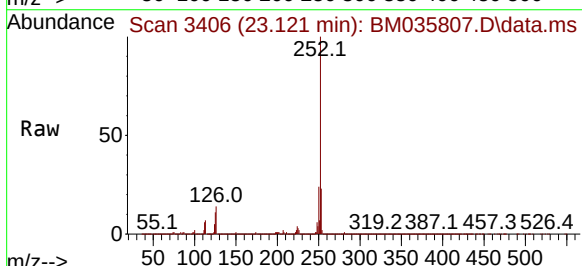
Tgt Ion:252 Resp: 5933882

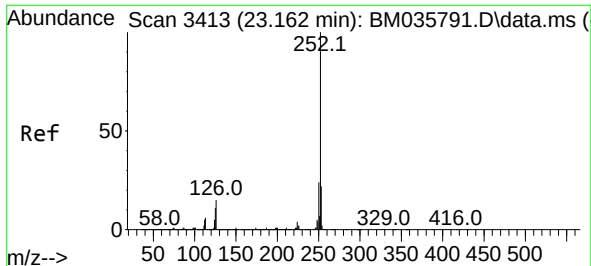
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 10.7 7.6 11.4

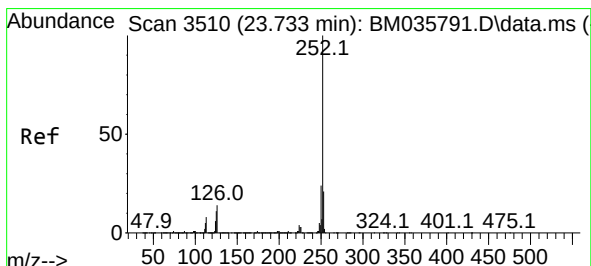
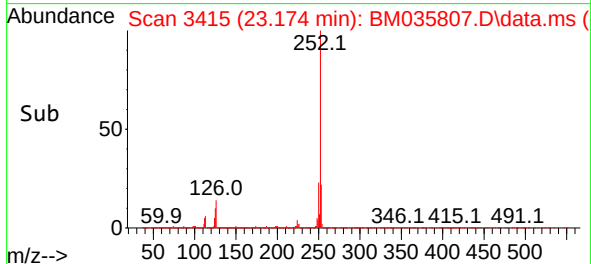
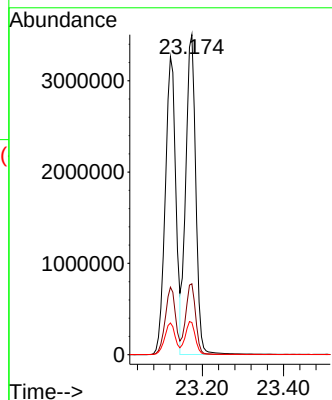
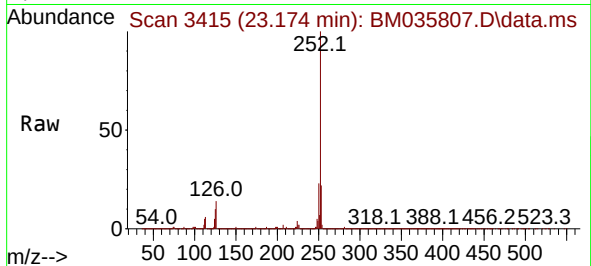




#89
Benzo(k)fluoranthene
Concen: 41.153 ng
RT: 23.174 min Scan# 3413
Delta R.T. 0.012 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

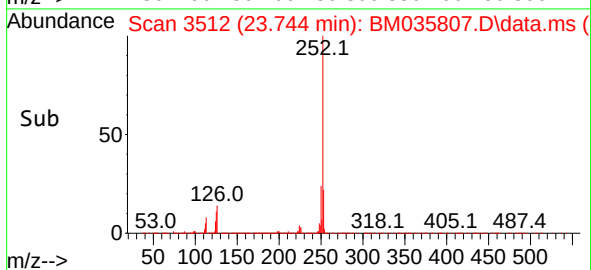
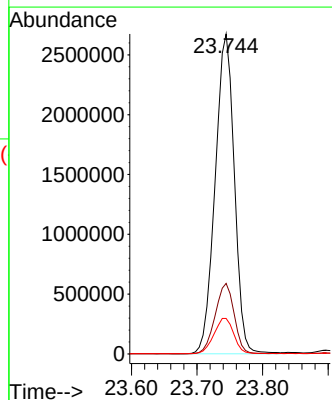
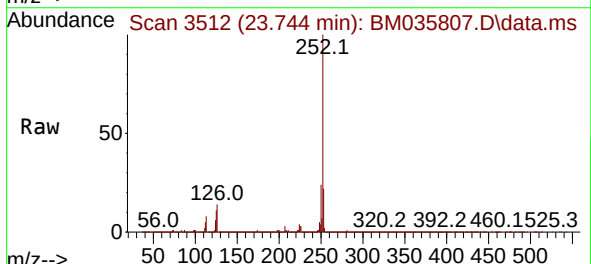
Instrument :
BNA_M
ClientSampleId :
PB146151BS

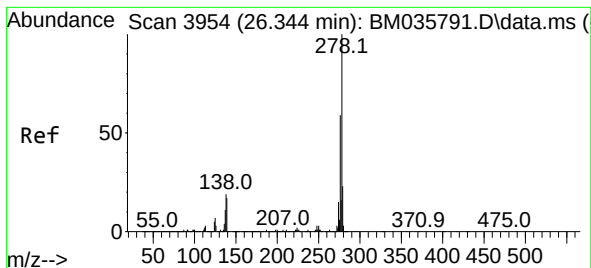
Tgt Ion:252 Resp: 5965218
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 46.712 ng
RT: 23.744 min Scan# 3512
Delta R.T. 0.011 min
Lab File: BM035807.D
Acq: 14 Jul 2022 11:43

Tgt Ion:252 Resp: 5416497
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 44.653 ng

RT: 26.368 min Scan# 3954

Delta R.T. 0.024 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Instrument :

BNA_M

ClientSampleId :

PB146151BS

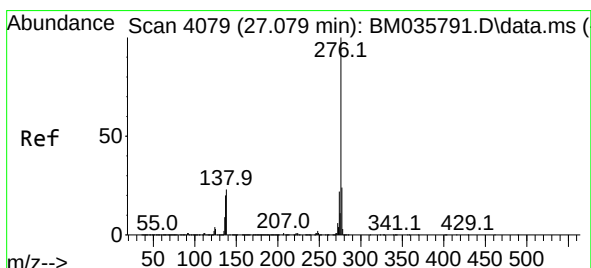
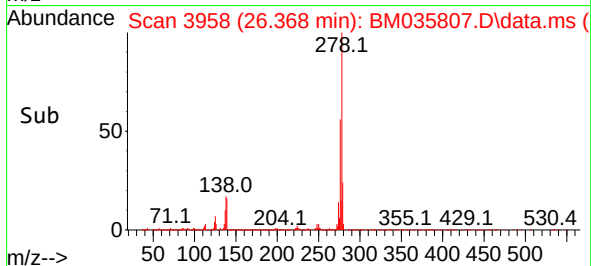
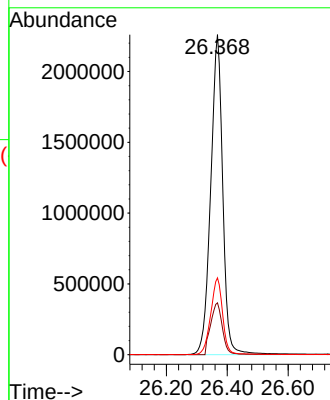
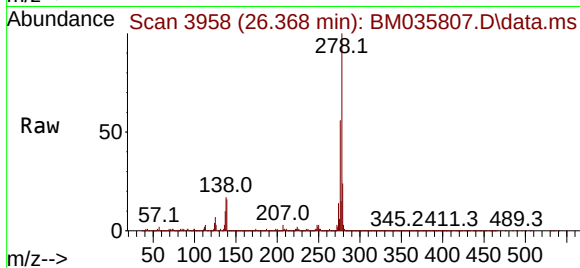
Tgt Ion:278 Resp: 6189415

Ion Ratio Lower Upper

278 100

139 16.2 12.9 19.3

279 24.0 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 44.420 ng

RT: 27.115 min Scan# 4085

Delta R.T. 0.035 min

Lab File: BM035807.D

Acq: 14 Jul 2022 11:43

Tgt Ion:276 Resp: 6074970

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 21.7 17.6 26.4

