

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
 Data File : BM035191.D
 Acq On : 23 May 2022 13:12
 Operator : CG/JU
 Sample : PB144942BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB144942BSD

Quant Time: May 24 03:16:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	189655	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	781234	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	491829	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	969567	20.000	ng	0.00
76) Chrysene-d12	21.468	240	844124	20.000	ng	# 0.00
86) Perylene-d12	23.850	264	691014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1452005	135.069	ng	0.00
7) Phenol-d6	7.081	99	1832979	132.081	ng	0.00
23) Nitrobenzene-d5	9.069	82	1177683	81.406	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	827488	154.667	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	2992392	88.323	ng	0.00
79) Terphenyl-d14	19.909	244	4226873	96.954	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	120991	27.816	ng	94
3) Pyridine	3.781	79	302711	24.978	ng	93
4) n-Nitrosodimethylamine	3.693	42	227886	38.138	ng	90
6) Aniline	7.228	93	643870	40.391	ng	98
8) 2-Chlorophenol	7.469	128	582777	48.709	ng	94
9) Benzaldehyde	7.039	77	239641	26.532	ng	96
10) Phenol	7.110	94	675652	47.606	ng	97
11) bis(2-Chloroethyl)ether	7.328	93	488536	45.723	ng	96
12) 1,3-Dichlorobenzene	7.792	146	591434	43.639	ng	96
13) 1,4-Dichlorobenzene	7.939	146	611131	44.059	ng	99
14) 1,2-Dichlorobenzene	8.257	146	592266	44.851	ng	99
15) Benzyl Alcohol	8.145	79	502738	48.475	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	641494	37.047	ng	95
17) 2-Methylphenol	8.357	107	471440	48.918	ng	98
18) Hexachloroethane	8.986	117	215800	42.389	ng	90
19) n-Nitroso-di-n-propyla...	8.722	70	402060	44.254	ng	92
20) 3+4-Methylphenols	8.686	107	631217	47.869	ng	99
22) Acetophenone	8.728	105	834528	44.107	ng	96
24) Nitrobenzene	9.110	77	593385	40.775	ng	97
25) Isophorone	9.639	82	1031690	42.654	ng	98
26) 2-Nitrophenol	9.816	139	320575	50.483	ng	97
27) 2,4-Dimethylphenol	9.886	122	516998	52.797	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	650313	46.718	ng	99
29) 2,4-Dichlorophenol	10.357	162	581557	50.373	ng	98
30) 1,2,4-Trichlorobenzene	10.574	180	617873	47.281	ng	98
31) Naphthalene	10.757	128	1701326	42.216	ng	100
32) Benzoic acid	10.057	122	401175	51.066	ng	98
33) 4-Chloroaniline	10.863	127	407239	25.121	ng	98
34) Hexachlorobutadiene	11.051	225	404439	50.125	ng	98
35) Caprolactam	11.669	113	161014	48.287	ng	90
36) 4-Chloro-3-methylphenol	11.998	107	566822	47.446	ng	99
37) 2-Methylnaphthalene	12.368	142	1265680	45.325	ng	99
38) 1-Methylnaphthalene	12.586	142	1171769	42.970	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	752744	53.750	ng	97
41) Hexachlorocyclopentadiene	12.721	237	910714	108.615	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	485967	51.260	ng	98

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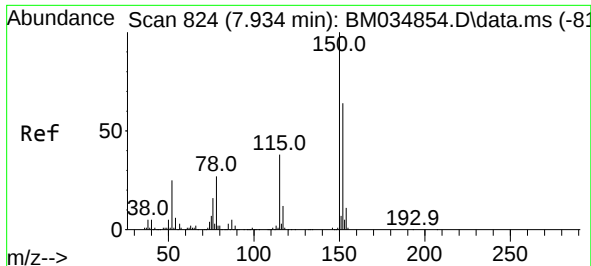
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	525956	49.960	ng	95
46) 1,1'-Biphenyl	13.380	154	1679472	45.326	ng	99
47) 2-Chloronaphthalene	13.421	162	1280055	44.329	ng	99
48) 2-Nitroaniline	13.621	65	348485	41.952	ng	94
49) Acenaphthylene	14.262	152	1955760	43.992	ng	99
50) Dimethylphthalate	14.004	163	1576505	42.994	ng	100
51) 2,6-Dinitrotoluene	14.121	165	353405	47.338	ng	86
52) Acenaphthene	14.610	154	1163226	38.619	ng	99
53) 3-Nitroaniline	14.445	138	246685	30.797	ng	97
54) 2,4-Dinitrophenol	14.657	184	446340	101.643	ng	86
55) Dibenzofuran	14.945	168	1880762	43.738	ng	96
56) 4-Nitrophenol	14.768	139	555098	84.846	ng	92
57) 2,4-Dinitrotoluene	14.910	165	485972	48.563	ng	89
58) Fluorene	15.592	166	1542085	43.173	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	452521	50.561	ng	# 87
60) Diethylphthalate	15.368	149	1564128	41.881	ng	98
61) 4-Chlorophenyl-phenyle...	15.586	204	821995	48.087	ng	92
62) 4-Nitroaniline	15.609	138	328558	39.613	ng	98
63) Azobenzene	15.880	77	1290938	37.899	ng	94
65) 4,6-Dinitro-2-methylph...	15.674	198	276165	47.648	ng	89
66) n-Nitrosodiphenylamine	15.798	169	1326382	45.139	ng	100
67) 4-Bromophenyl-phenylether	16.474	248	509603	51.707	ng	94
68) Hexachlorobenzene	16.598	284	570254	51.249	ng	# 90
69) Atrazine	16.756	200	497451	50.426	ng	97
70) Pentachlorophenol	16.939	266	725687	104.090	ng	99
71) Phenanthrene	17.327	178	2324166	43.011	ng	100
72) Anthracene	17.421	178	2350929	45.057	ng	99
73) Carbazole	17.692	167	2051620	43.053	ng	98
74) Di-n-butylphthalate	18.262	149	2553428	42.114	ng	99
75) Fluoranthene	19.345	202	2621038	44.173	ng	98
77) Benzidine	19.527	184	852239	33.049	ng	99
78) Pyrene	19.703	202	2647601	47.429	ng	99
80) Butylbenzylphthalate	20.603	149	1044104	42.612	ng	95
81) Benzo(a)anthracene	21.450	228	2379173	42.240	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	763407	46.501	ng	# 99
83) Chrysene	21.503	228	2321154	43.144	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1515880	40.233	ng	# 97
85) Di-n-octyl phthalate	22.309	149	2397750	38.603	ng	96
87) Indeno(1,2,3-cd)pyrene	26.326	276	2266337	43.138	ng	96
88) Benzo(b)fluoranthene	23.127	252	2158515	49.665	ng	99
89) Benzo(k)fluoranthene	23.180	252	2148885	48.843	ng	99
90) Benzo(a)pyrene	23.750	252	2037915	56.440	ng	98
91) Dibenzo(a,h)anthracene	26.344	278	1942719	44.083	ng	97
92) Benzo(g,h,i)perylene	27.085	276	1907630	45.050	ng	96

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

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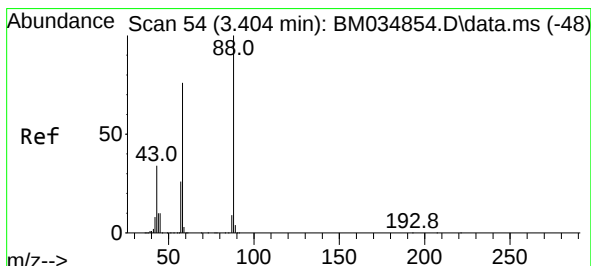
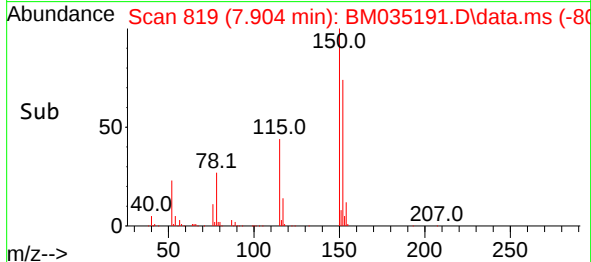
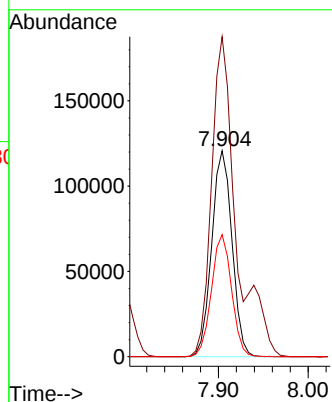
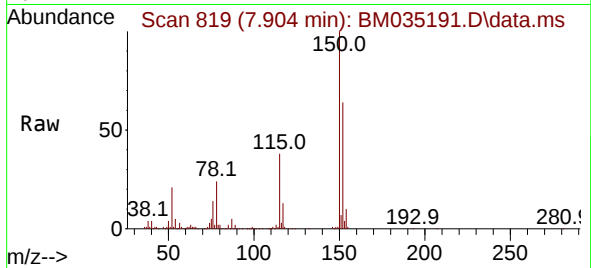




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

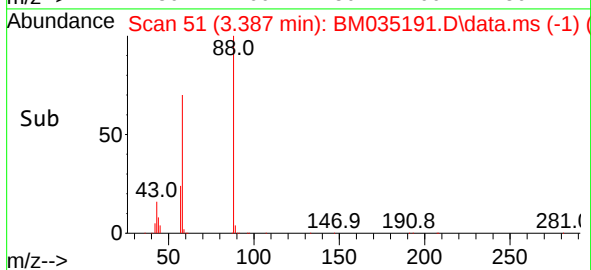
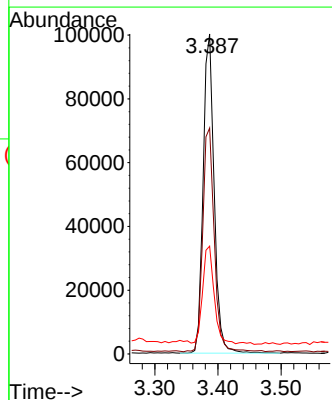
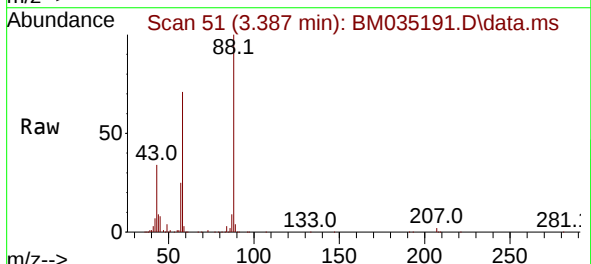
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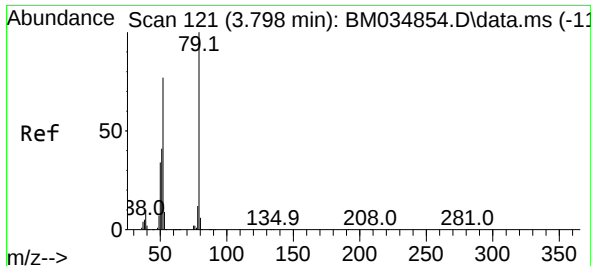
Tgt Ion:152 Resp: 189655
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 59.3 47.9 71.9



#2
 1,4-Dioxane
 Concen: 27.816 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

Tgt Ion: 88 Resp: 120991
 Ion Ratio Lower Upper
 88 100
 58 73.4 62.3 93.5
 43 31.8 28.7 43.1

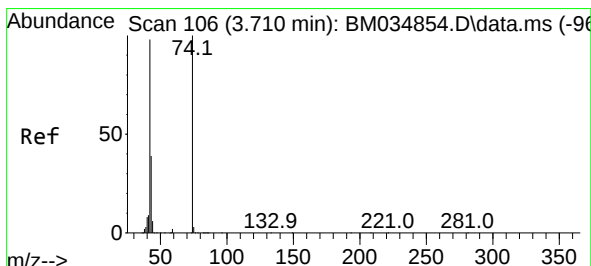
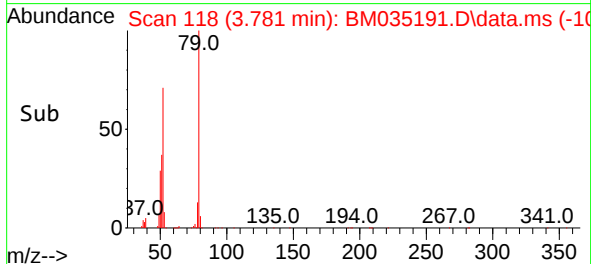
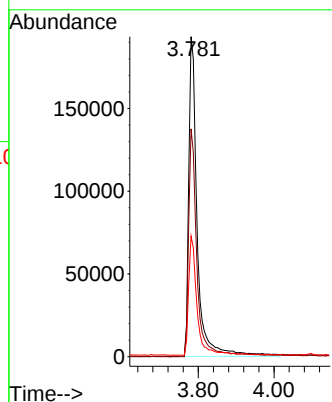
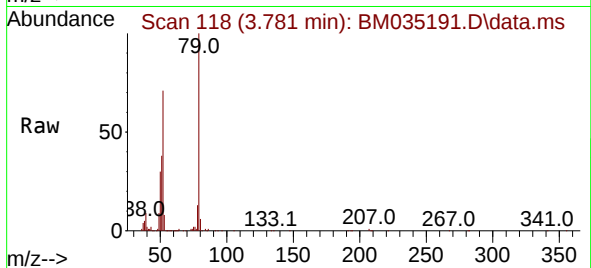




#3
Pyridine
Concen: 24.978 ng
RT: 3.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

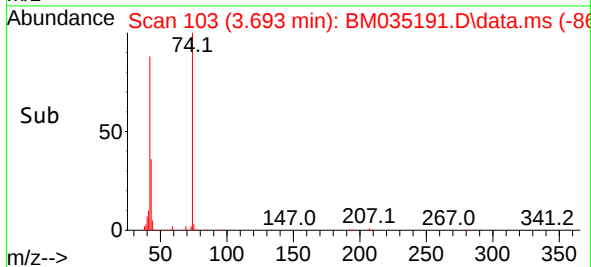
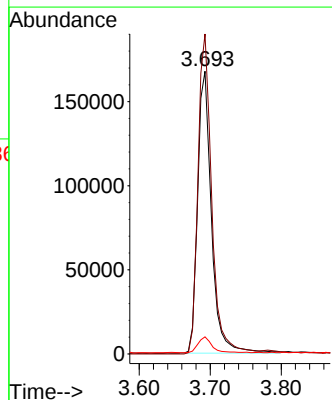
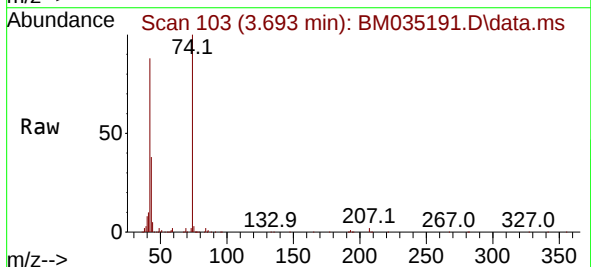
Instrument :
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ClientSampleId :
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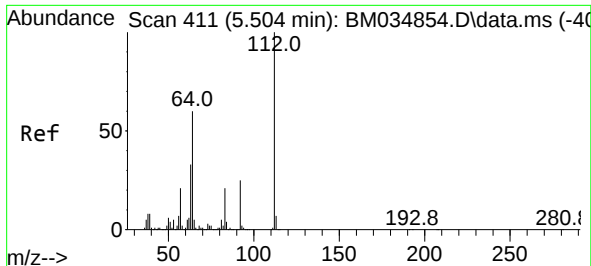
Tgt Ion: 79 Resp: 302711
Ion Ratio Lower Upper
79 100
52 71.2 61.9 92.9
51 37.7 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 38.138 ng
RT: 3.693 min Scan# 103
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 42 Resp: 227886
Ion Ratio Lower Upper
42 100
74 113.2 81.6 122.4
44 6.0 5.2 7.8

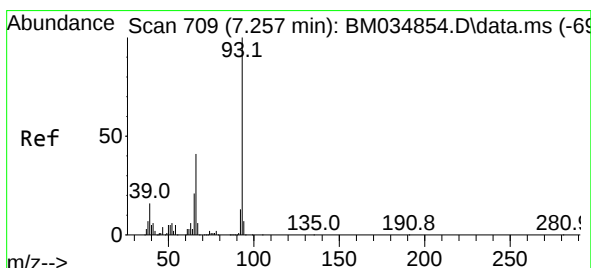
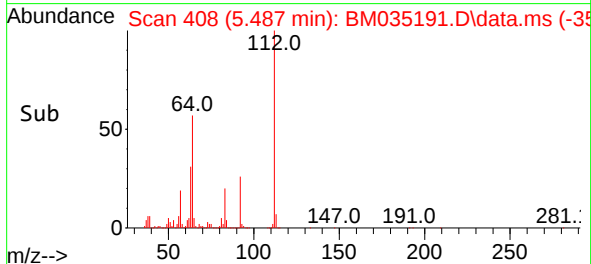
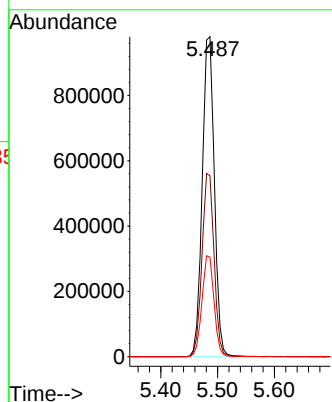
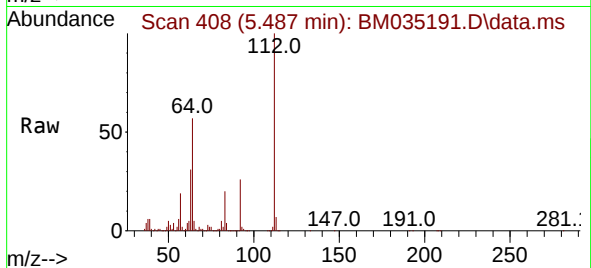




#5
2-Fluorophenol
Concen: 135.069 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

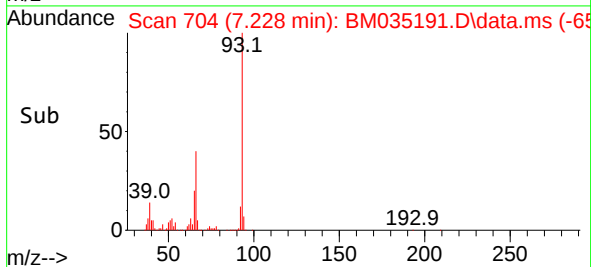
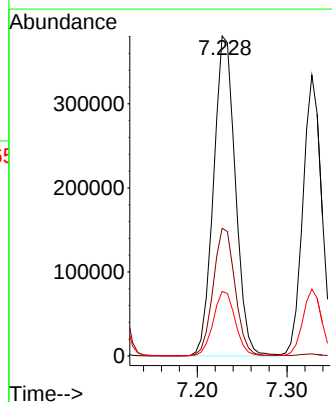
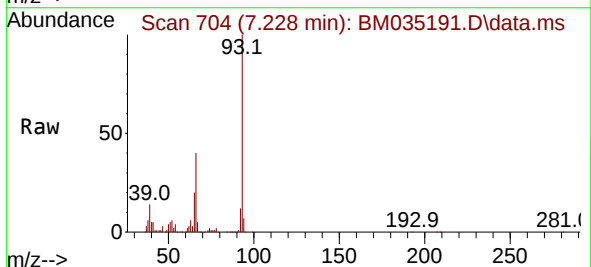
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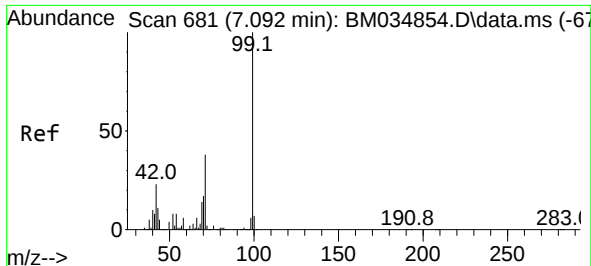
Tgt Ion:112 Resp: 1452005
Ion Ratio Lower Upper
112 100
64 56.6 47.8 71.6
63 31.1 26.6 40.0



#6
Aniline
Concen: 40.391 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 93 Resp: 643870
Ion Ratio Lower Upper
93 100
66 39.9 32.6 49.0
65 20.1 16.8 25.2



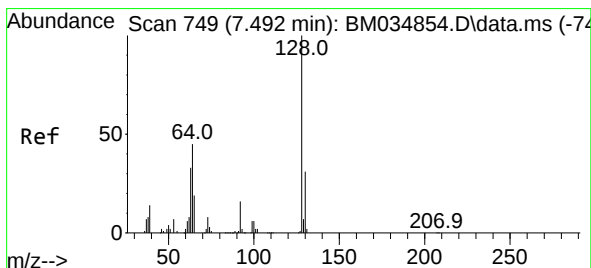
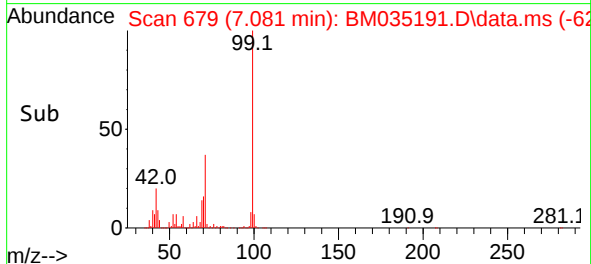
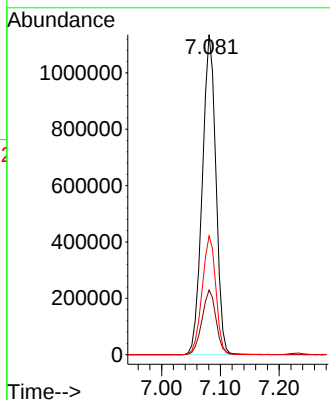
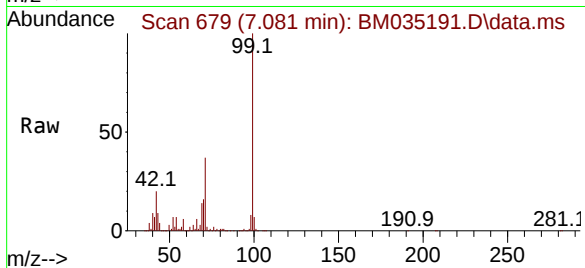


#7
Phenol-d6
Concen: 132.081 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Instrument :
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ClientSampleId :
PB144942BSD

Tgt Ion: 99 Resp: 1832979

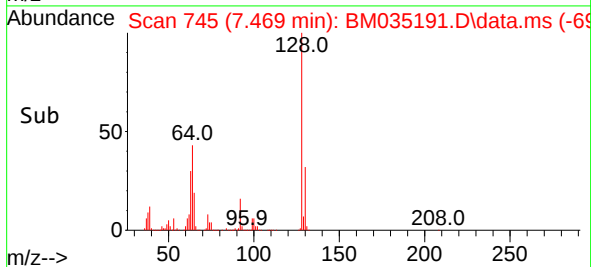
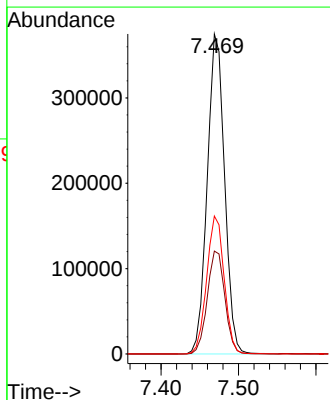
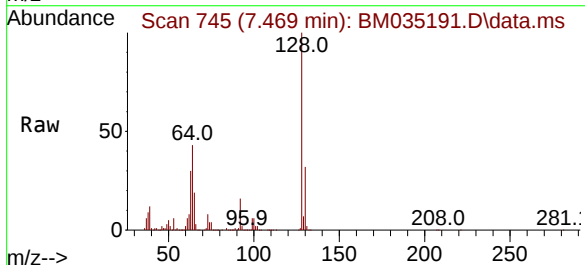
Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.8	28.2
71	37.1	30.2	45.2

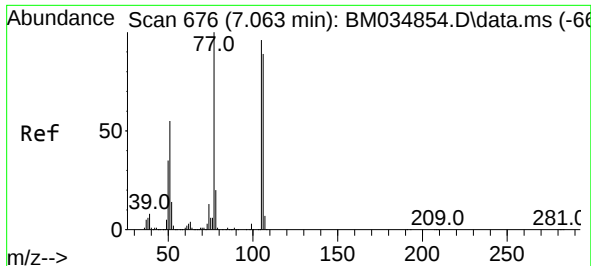


#8
2-Chlorophenol
Concen: 48.709 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:128 Resp: 582777

Ion	Ratio	Lower	Upper
128	100		
130	32.2	10.9	50.9
64	43.1	28.2	68.2

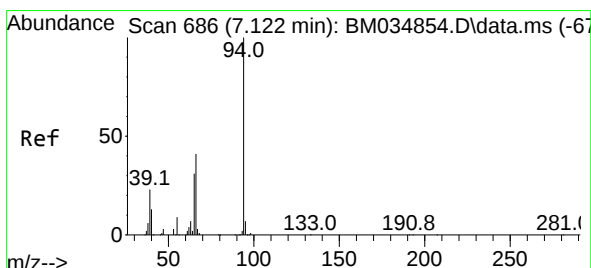
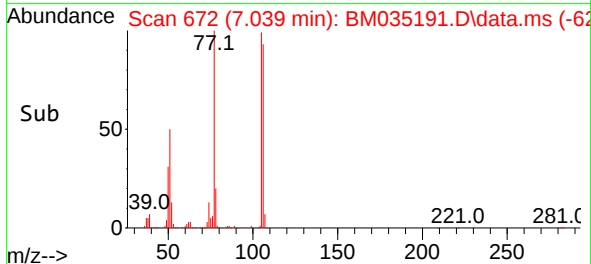
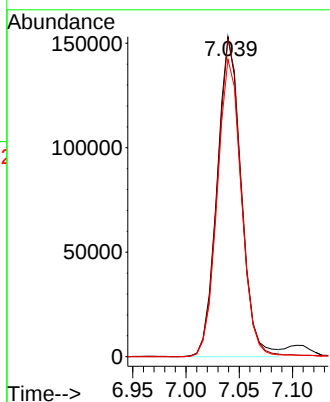
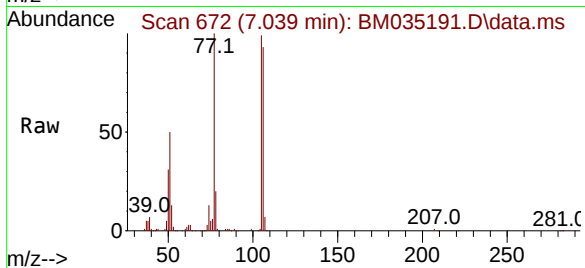




#9
Benzaldehyde
Concen: 26.532 ng
RT: 7.039 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035191.D
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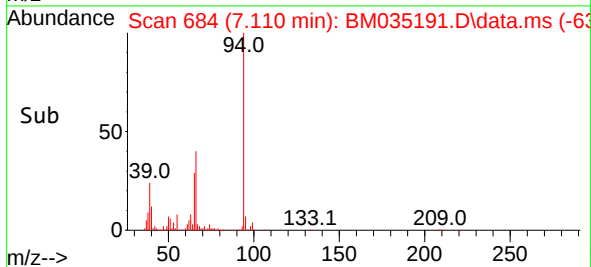
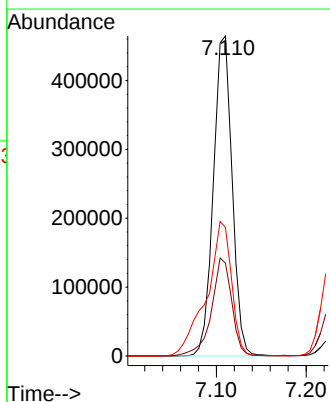
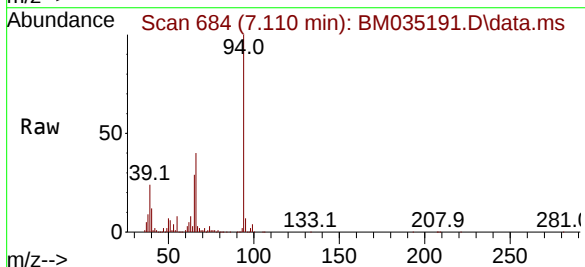
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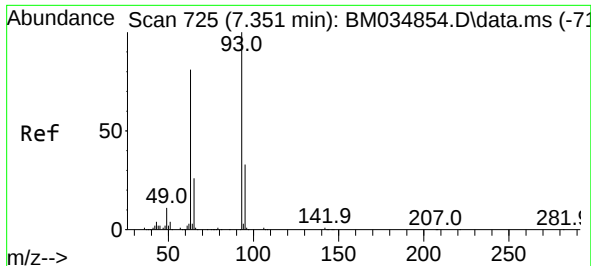
Tgt Ion: 77 Resp: 239641
Ion Ratio Lower Upper
77 100
105 99.3 76.3 116.3
106 92.9 69.0 109.0



#10
Phenol
Concen: 47.606 ng
RT: 7.110 min Scan# 684
Delta R.T. 0.012 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 94 Resp: 675652
Ion Ratio Lower Upper
94 100
65 29.1 11.4 51.4
66 40.3 21.4 61.4

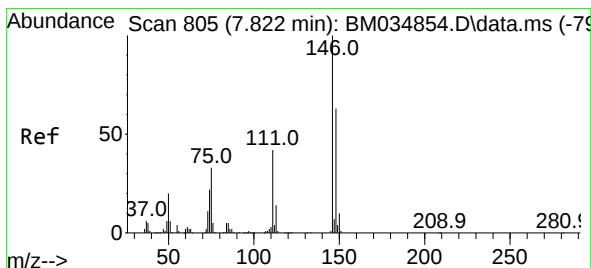
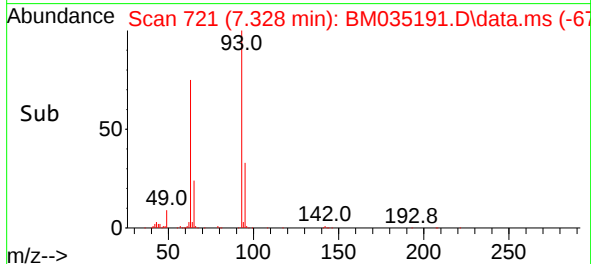
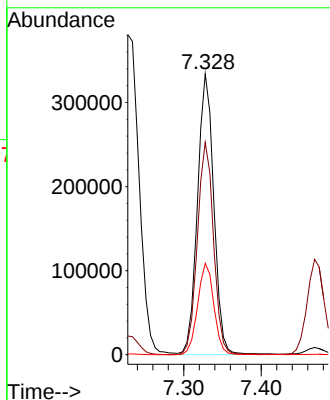
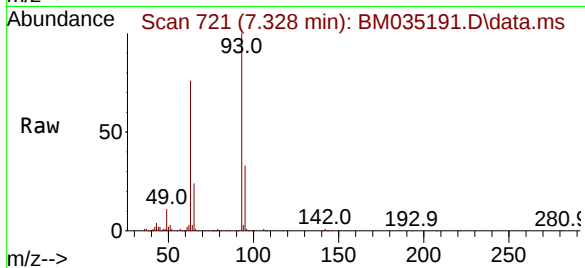




#11
bis(2-Chloroethyl)ether
Concen: 45.723 ng
RT: 7.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

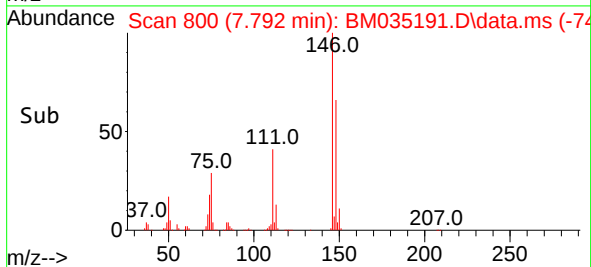
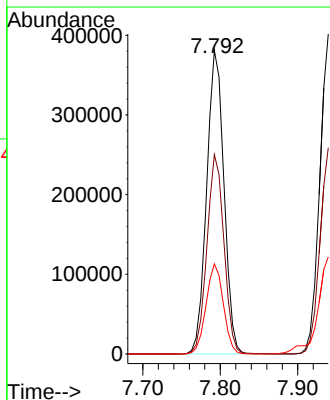
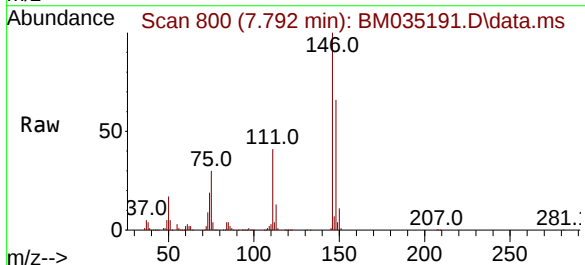
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

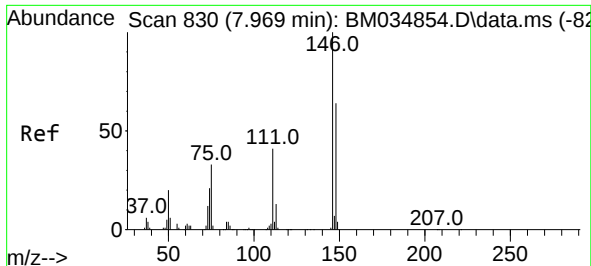
Tgt Ion: 93 Resp: 488536
Ion Ratio Lower Upper
93 100
63 75.6 60.6 100.6
95 32.5 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.639 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:146 Resp: 591434
Ion Ratio Lower Upper
146 100
148 65.7 50.7 76.1
75 29.7 26.1 39.1

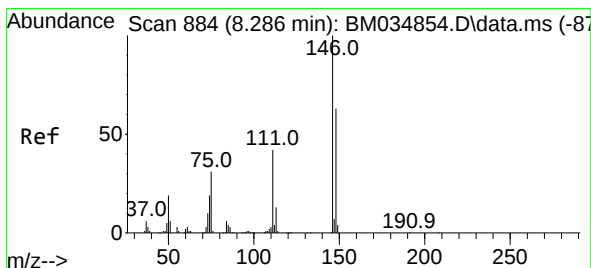
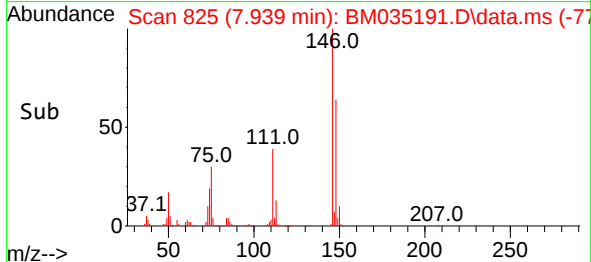
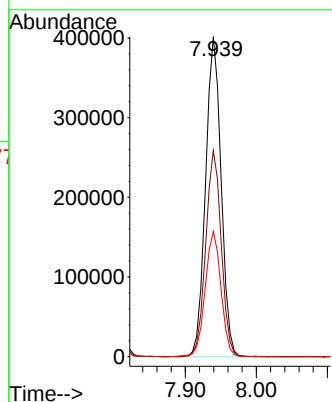
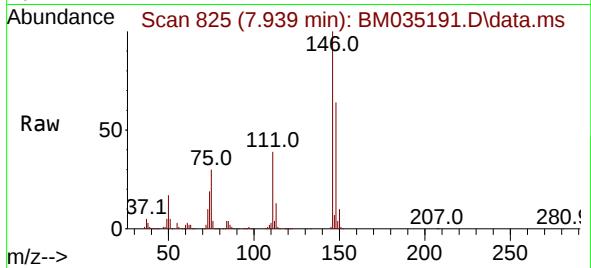




#13
1,4-Dichlorobenzene
Concen: 44.059 ng
RT: 7.939 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

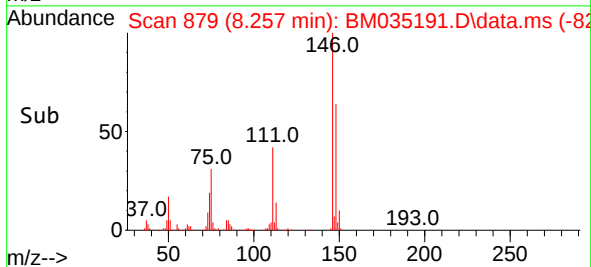
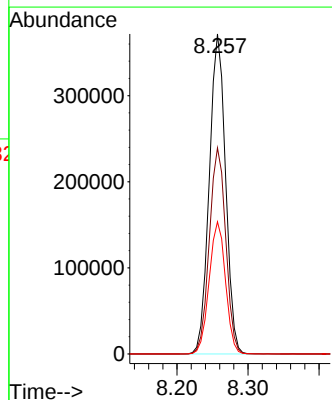
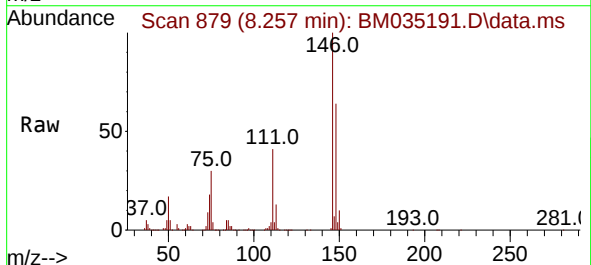
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

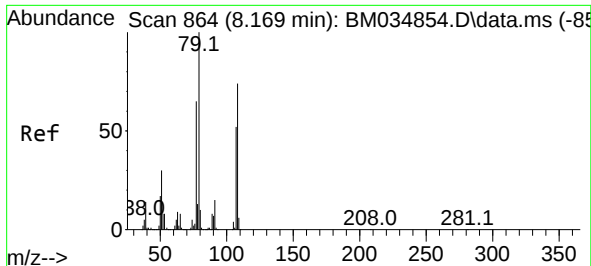
Tgt Ion:146 Resp: 611131
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 39.1 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 44.851 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:146 Resp: 592266
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
111 41.3 33.9 50.9

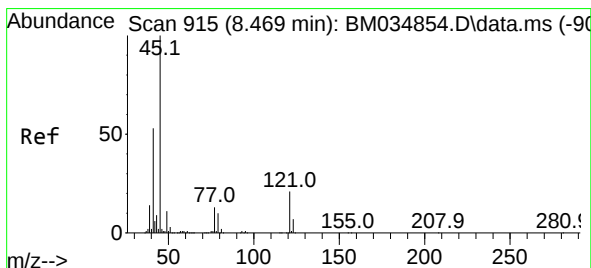
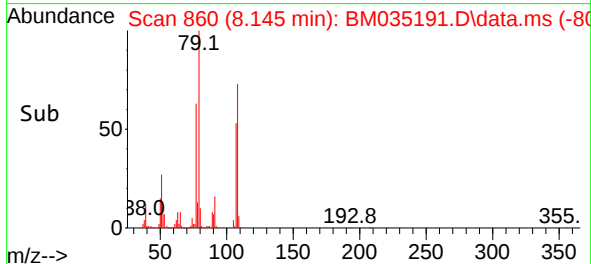
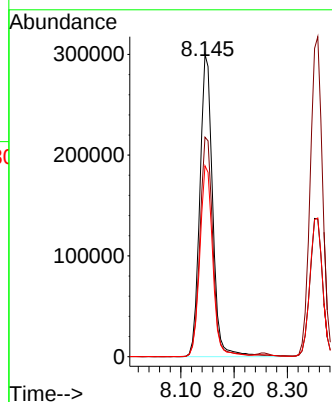
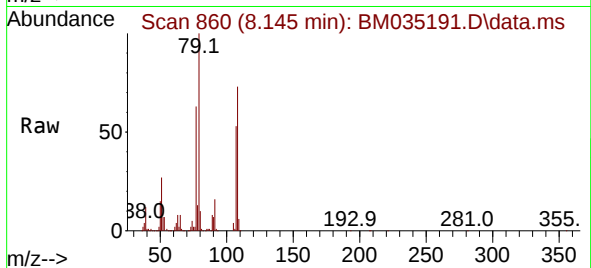




#15
Benzyl Alcohol
Concen: 48.475 ng
RT: 8.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

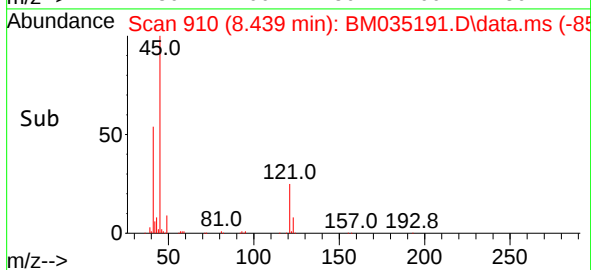
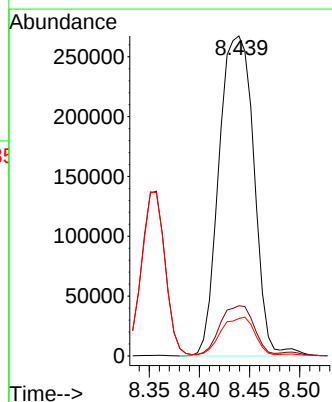
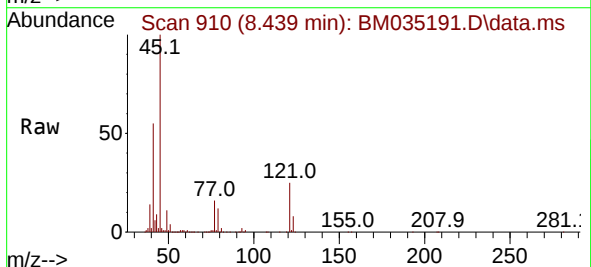
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

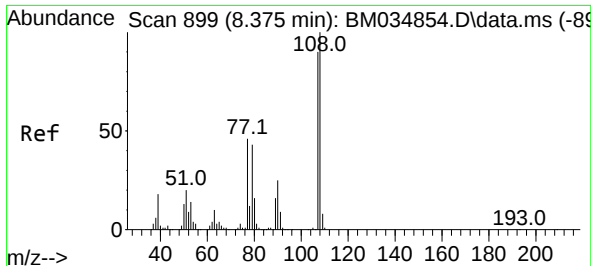
Tgt Ion: 79 Resp: 502738
Ion Ratio Lower Upper
79 100
108 72.6 59.0 88.4
77 63.1 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.047 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 45 Resp: 641494
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.1
79 11.7 0.0 30.5



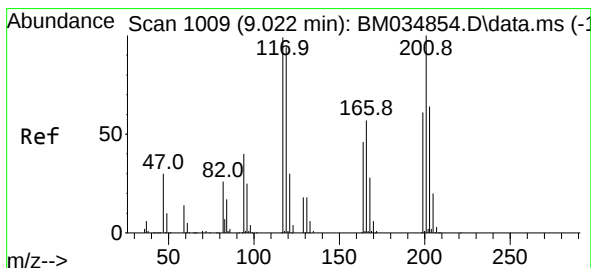
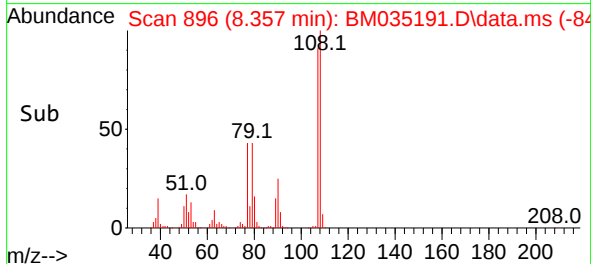
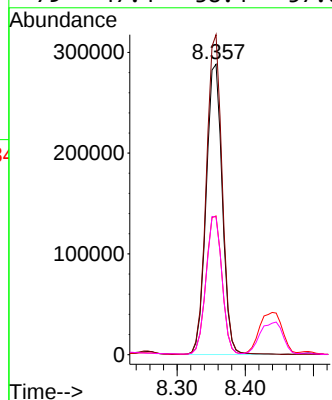
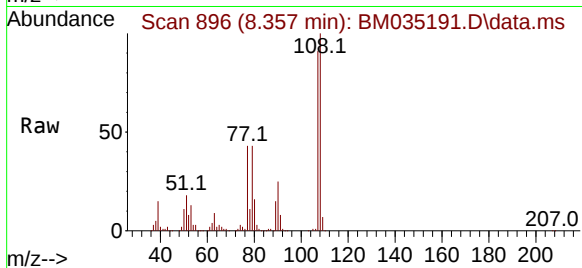


#17
2-Methylphenol
Concen: 48.918 ng
RT: 8.357 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Instrument :
BNA_M
ClientSampleId :
PB144942BSD

Tgt Ion:107 Resp: 471440

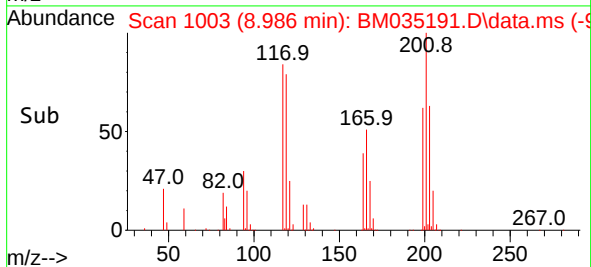
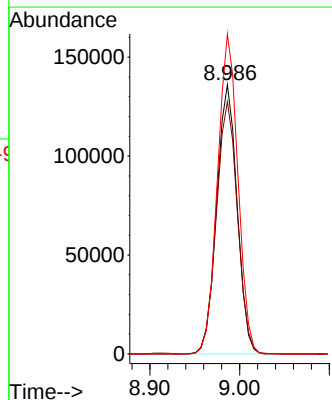
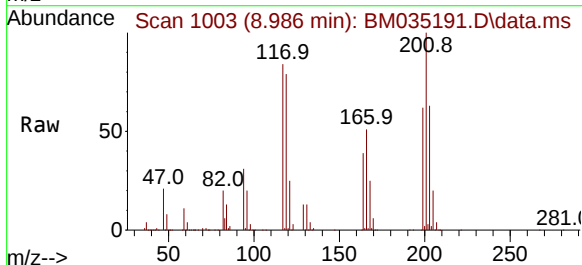
Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.7	133.1
77	47.8	40.6	60.8
79	47.4	38.4	57.6

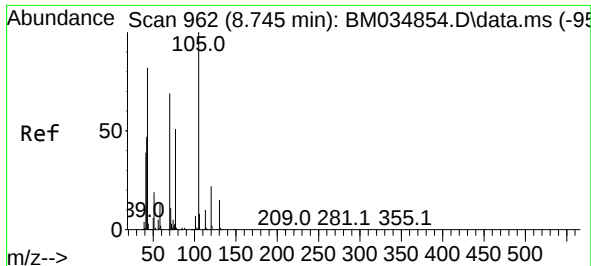


#18
Hexachloroethane
Concen: 42.389 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:117 Resp: 215800

Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.6
201	118.9	81.0	121.4

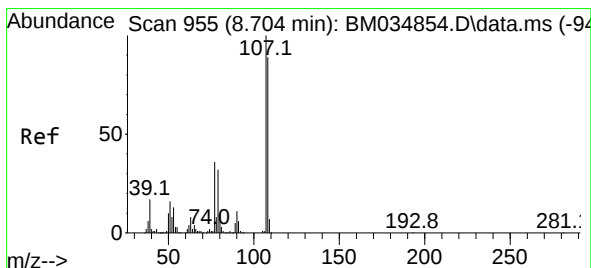
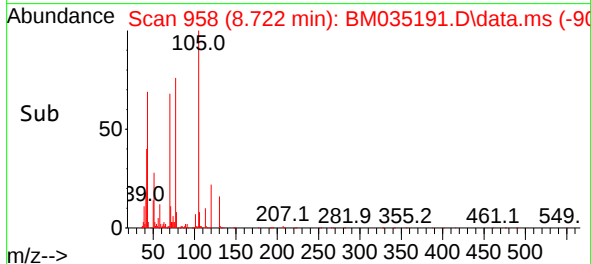
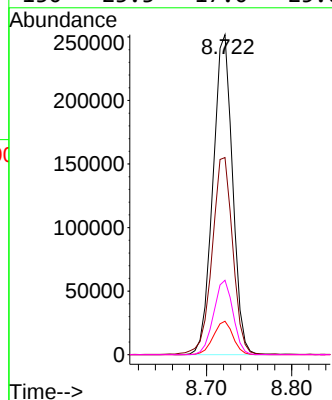
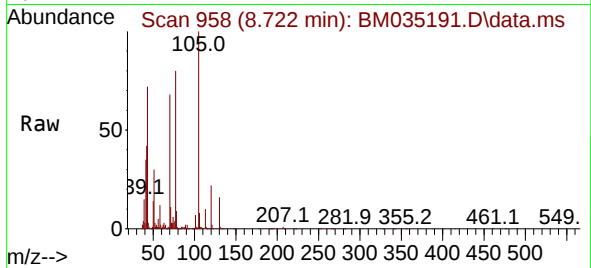




#19
n-Nitroso-di-n-propylamine
Concen: 44.254 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

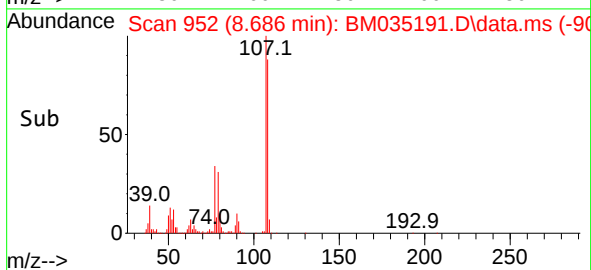
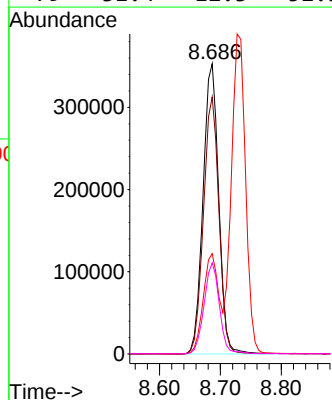
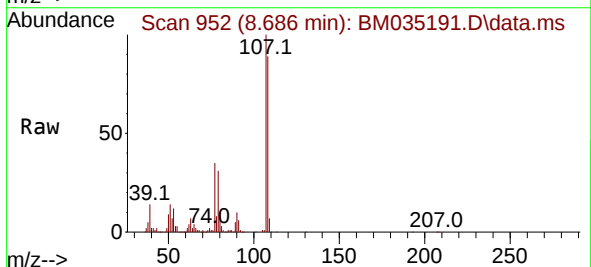
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

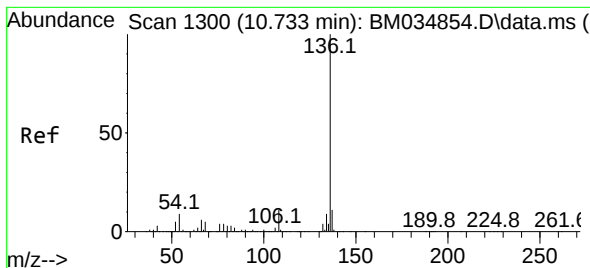
Tgt Ion: 70 Resp: 402060
Ion Ratio Lower Upper
70 100
42 61.6 55.4 83.2
101 10.4 7.8 11.6
130 23.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 47.869 ng
RT: 8.686 min Scan# 952
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 107 Resp: 631217
Ion Ratio Lower Upper
107 100
108 88.5 69.3 109.3
77 34.6 15.8 55.8
79 31.4 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

Tgt Ion:136 Resp: 781234

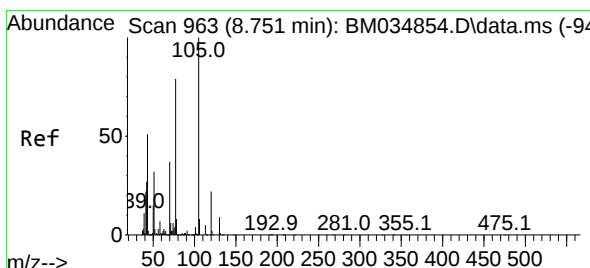
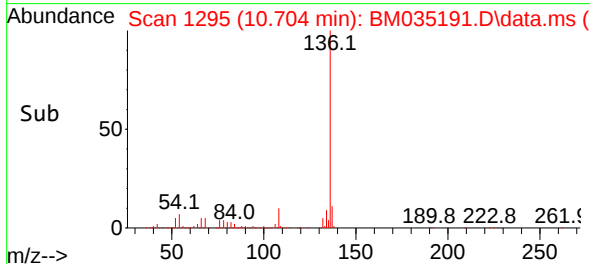
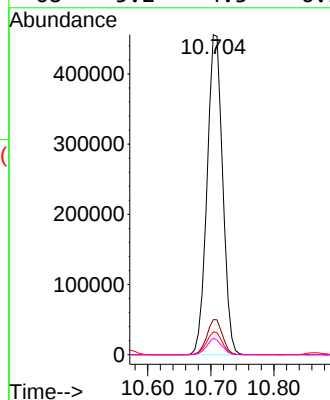
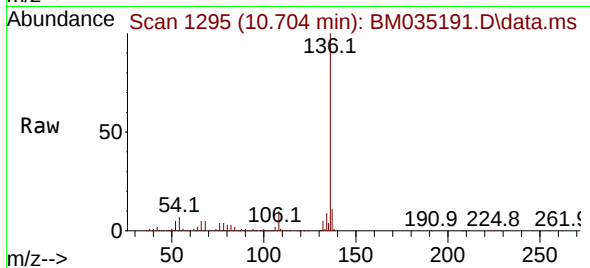
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 7.0 10.4

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 44.107 ng

RT: 8.728 min Scan# 959

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Tgt Ion:105 Resp: 834528

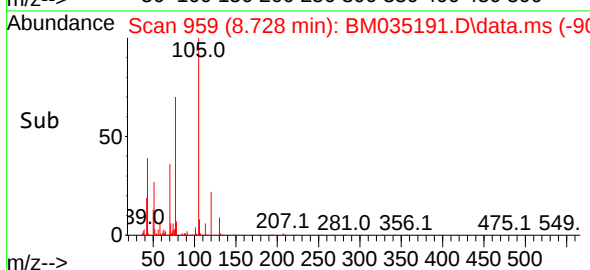
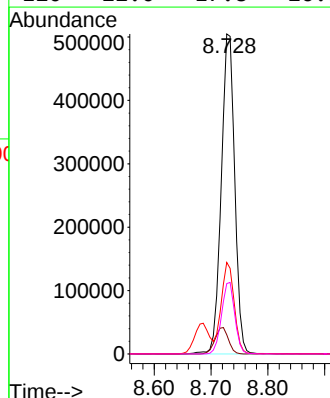
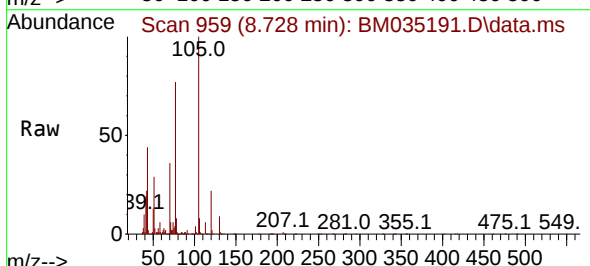
Ion Ratio Lower Upper

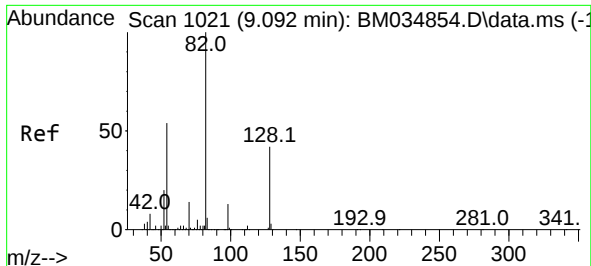
105 100

71 6.0 5.0 7.4

51 28.6 25.6 38.4

120 22.0 17.8 26.8

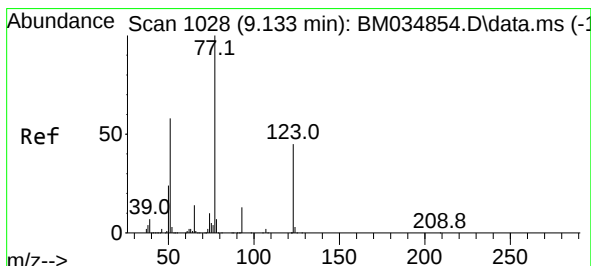
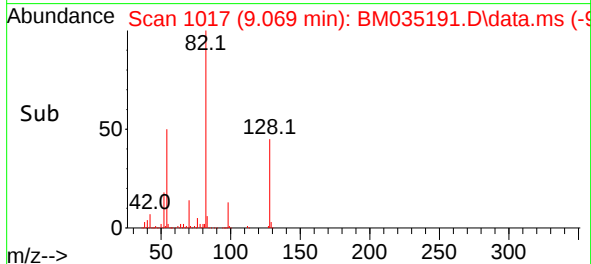
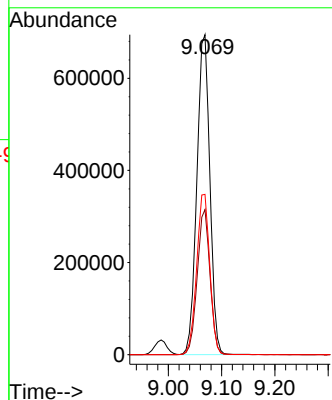
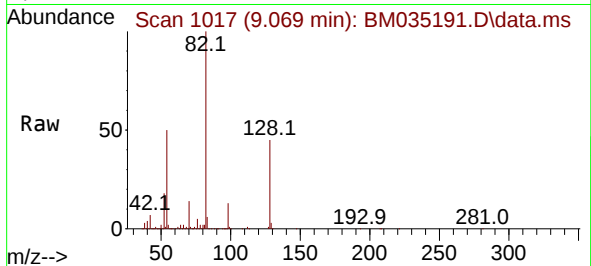




#23
Nitrobenzene-d5
Concen: 81.406 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

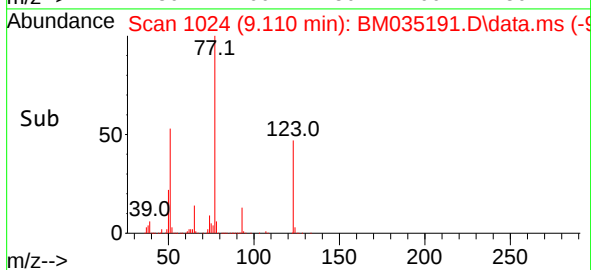
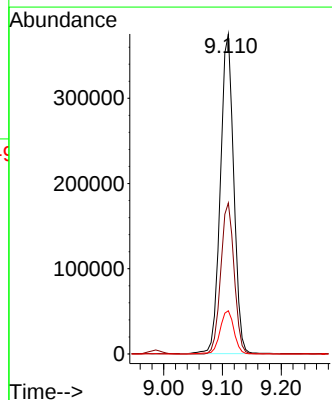
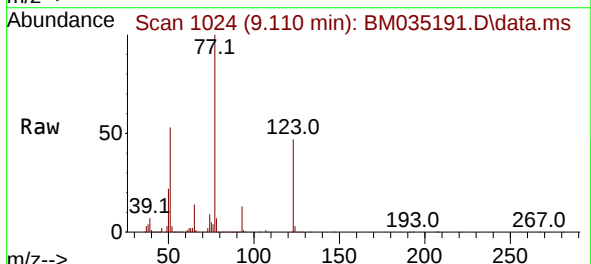
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

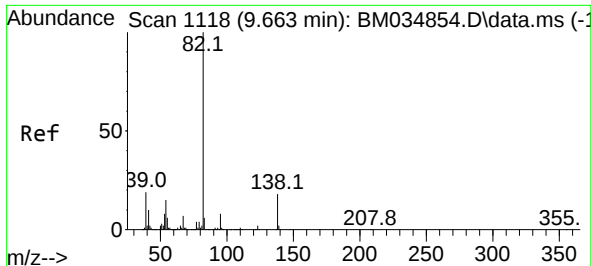
Tgt Ion: 82 Resp: 1177683
Ion Ratio Lower Upper
82 100
128 45.3 33.7 50.5
54 50.1 43.2 64.8



#24
Nitrobenzene
Concen: 40.775 ng
RT: 9.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 77 Resp: 593385
Ion Ratio Lower Upper
77 100
123 47.2 36.2 54.4
65 13.5 11.4 17.0

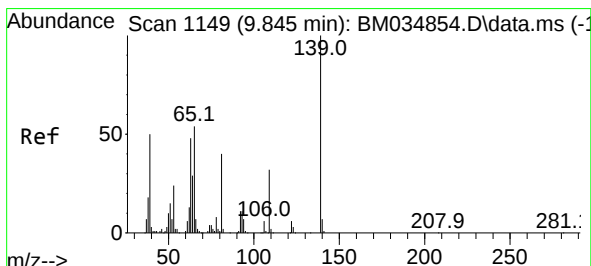
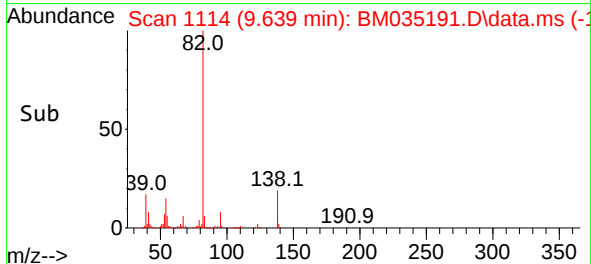
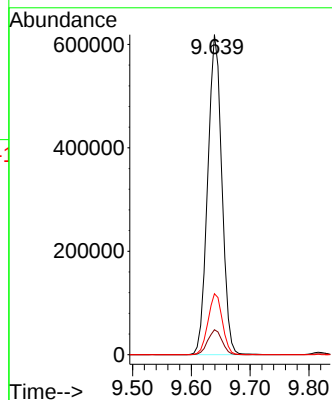
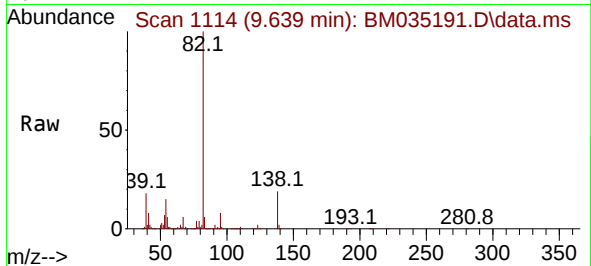




#25
Isophorone
Concen: 42.654 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

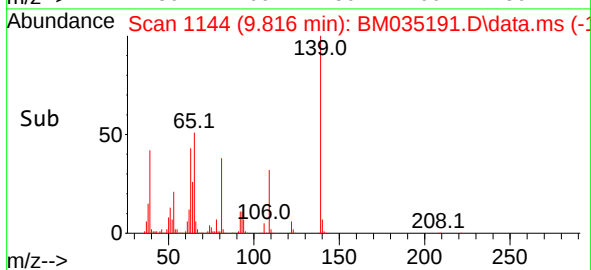
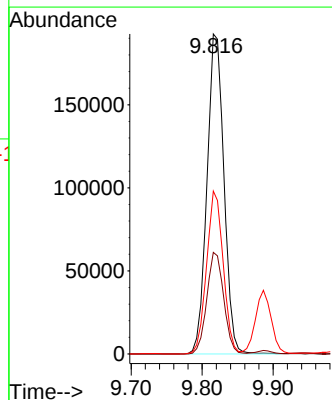
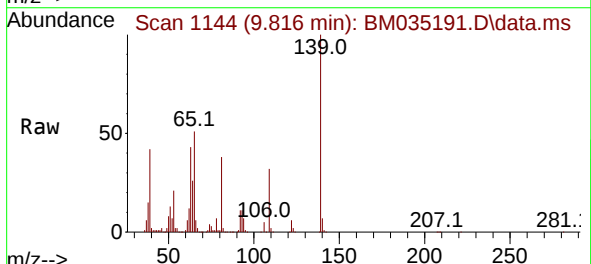
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

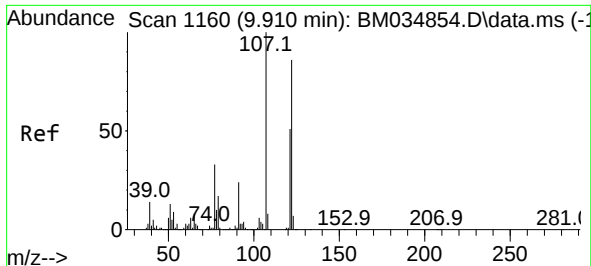
Tgt Ion: 82 Resp: 1031690
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 19.1 14.2 21.4



#26
2-Nitrophenol
Concen: 50.483 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:139 Resp: 320575
Ion Ratio Lower Upper
139 100
109 31.7 25.6 38.4
65 50.9 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 52.797 ng

RT: 9.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

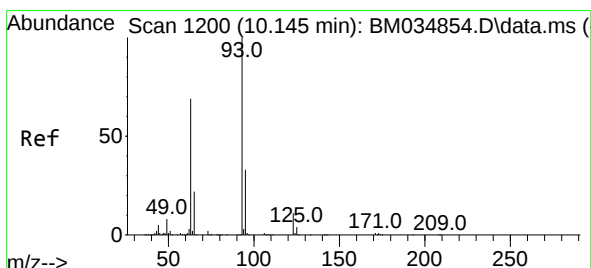
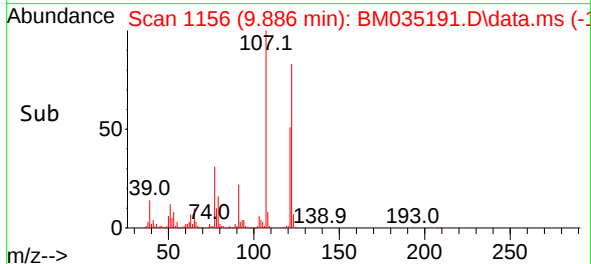
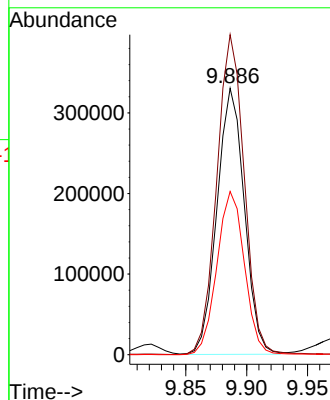
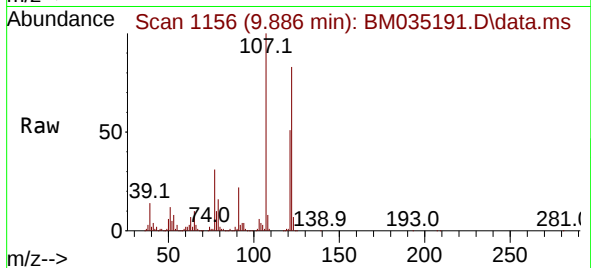
Tgt Ion:122 Resp: 516998

Ion Ratio Lower Upper

122 100

107 120.1 92.4 138.6

121 61.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.718 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

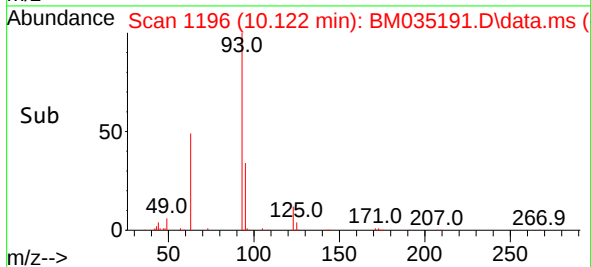
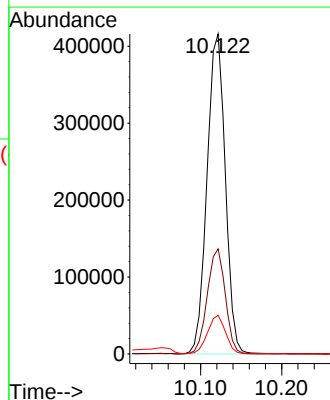
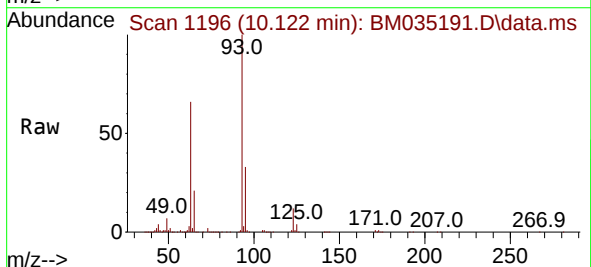
Tgt Ion: 93 Resp: 650313

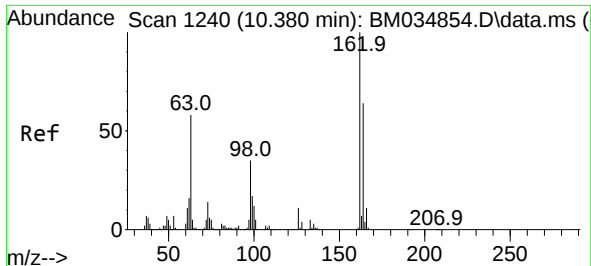
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 12.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 50.373 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

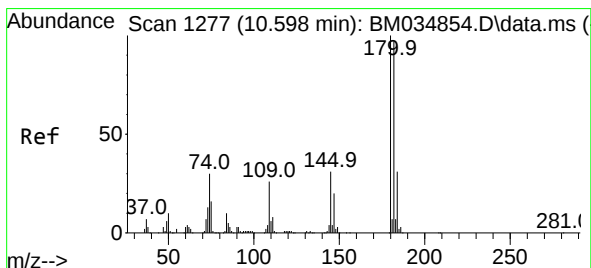
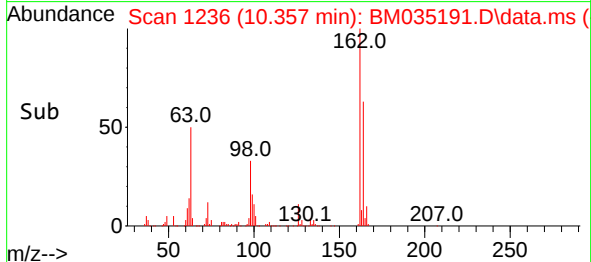
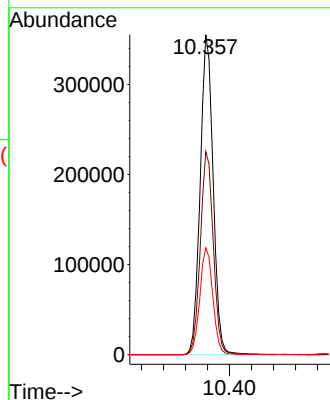
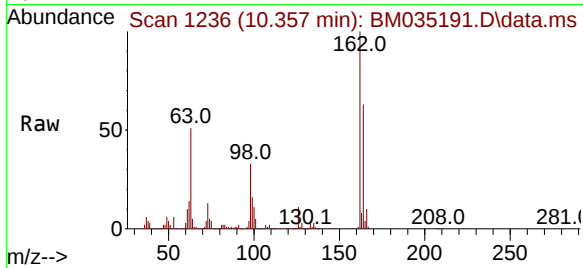
Tgt Ion:162 Resp: 581557

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

98 33.4 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 47.281 ng

RT: 10.574 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

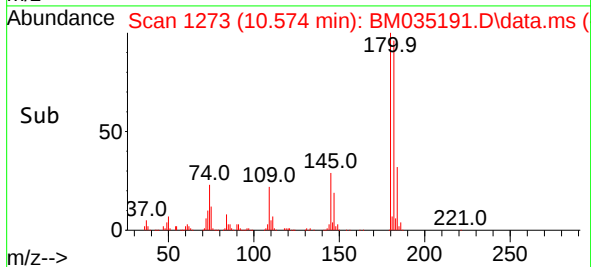
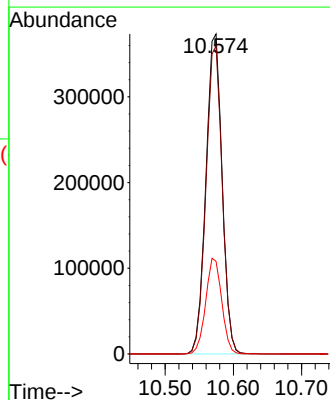
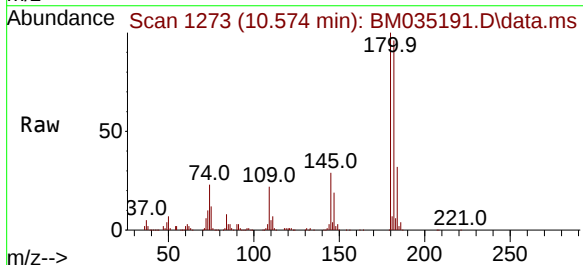
Tgt Ion:180 Resp: 617873

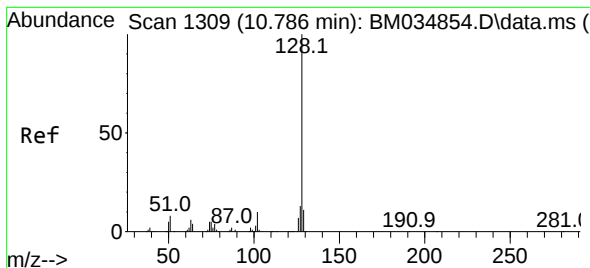
Ion Ratio Lower Upper

180 100

182 96.2 77.9 116.9

145 29.0 25.0 37.6

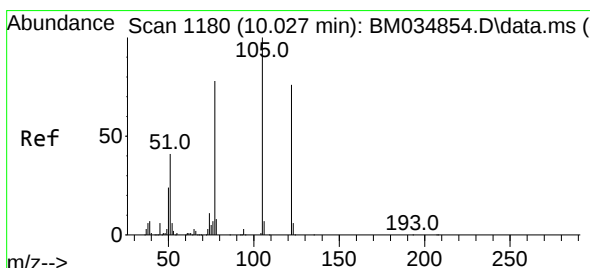
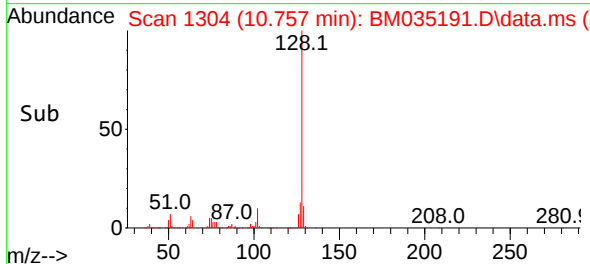
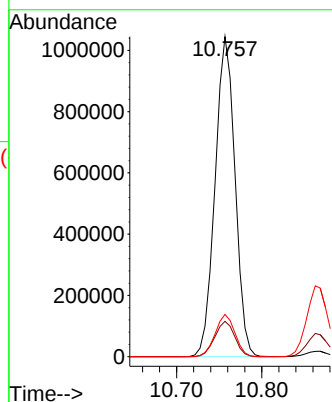
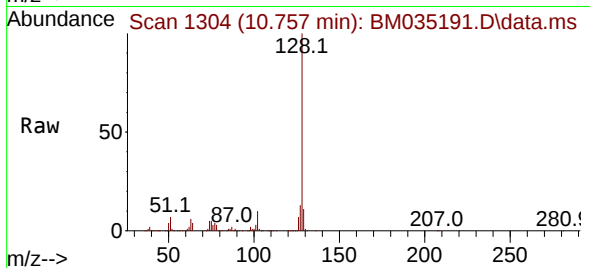




#31
Naphthalene
Concen: 42.216 ng
RT: 10.757 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

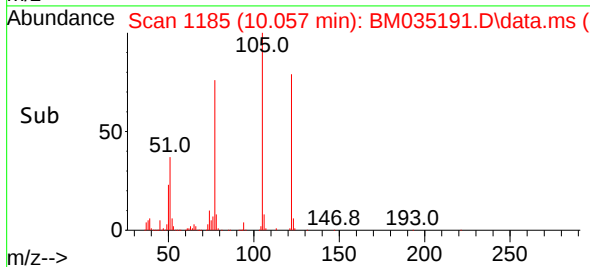
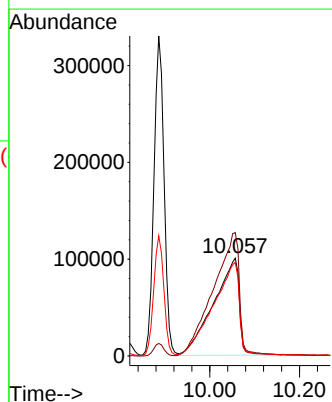
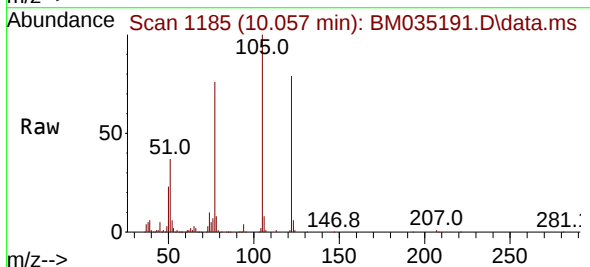
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

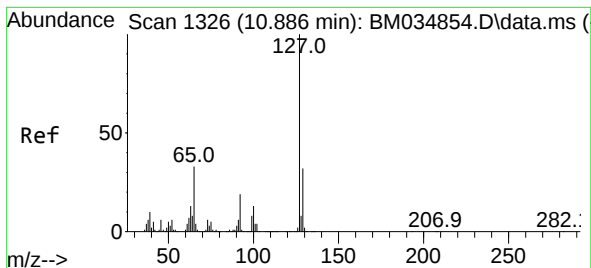
Tgt Ion:128 Resp: 1701326
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 51.066 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.035 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:122 Resp: 401175
Ion Ratio Lower Upper
122 100
105 126.1 105.7 145.7
77 95.8 80.0 120.0





#33

4-Chloroaniline

Concen: 25.121 ng

RT: 10.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

Tgt Ion:127 Resp: 407239

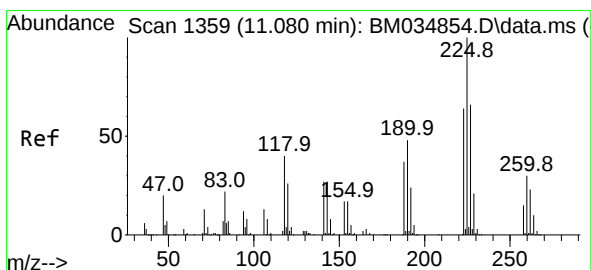
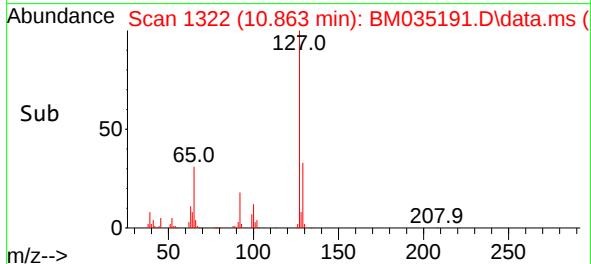
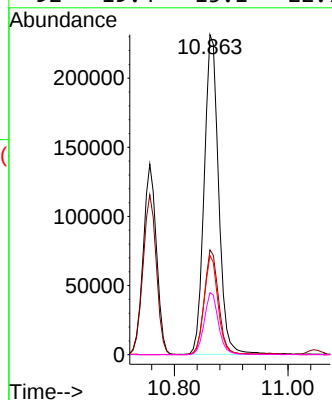
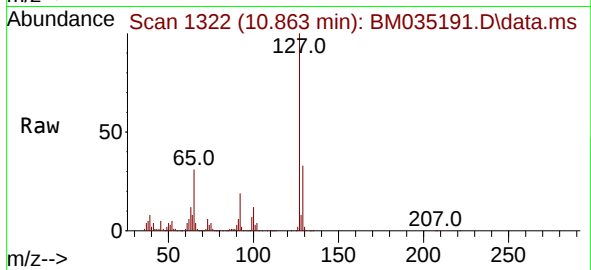
Ion Ratio Lower Upper

127 100

129 32.8 25.7 38.5

65 31.0 26.6 40.0

92 19.4 15.1 22.7



#34

Hexachlorobutadiene

Concen: 50.125 ng

RT: 11.051 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

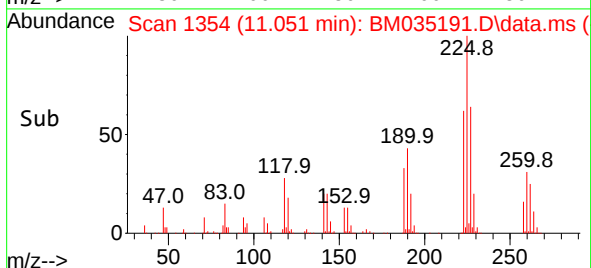
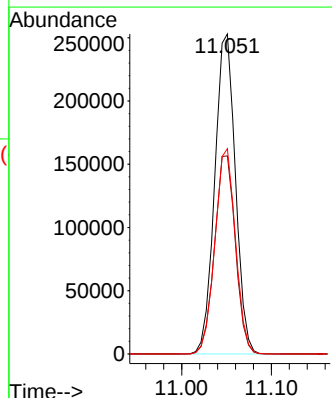
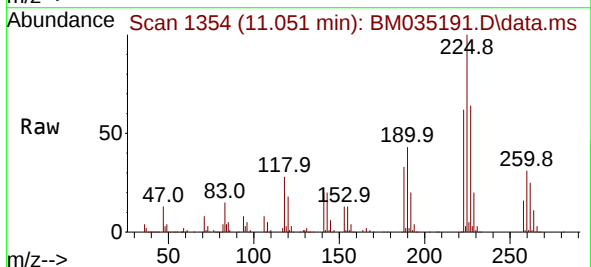
Tgt Ion:225 Resp: 404439

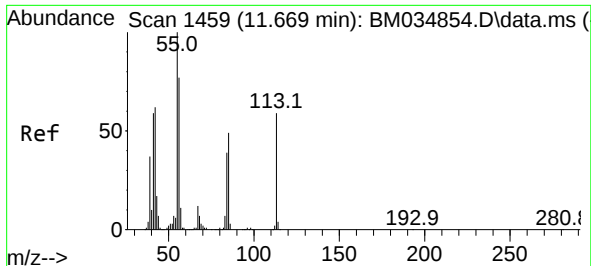
Ion Ratio Lower Upper

225 100

223 61.9 50.8 76.2

227 64.1 52.7 79.1

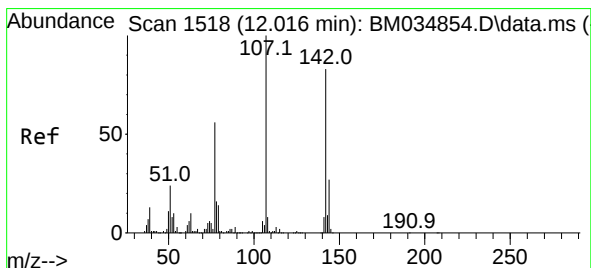
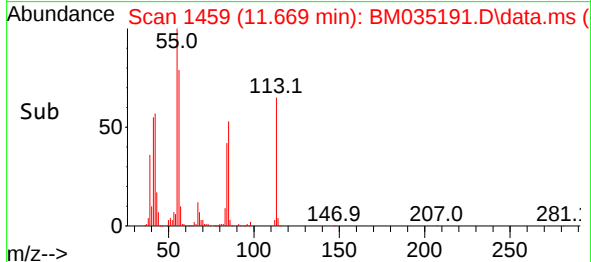
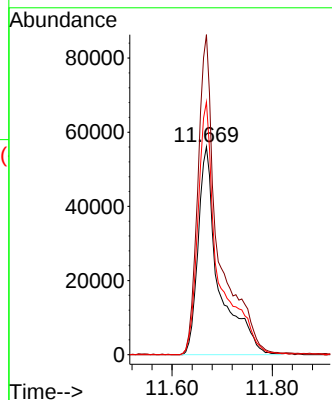
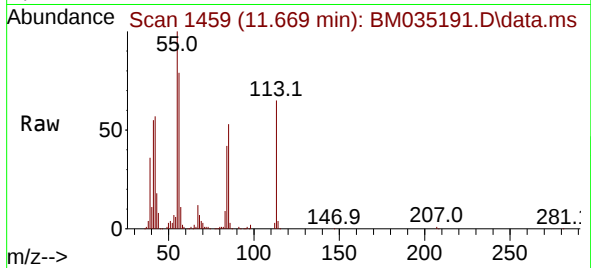




#35
 Caprolactam
 Concen: 48.287 ng
 RT: 11.669 min Scan# 1459
 Delta R.T. 0.017 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

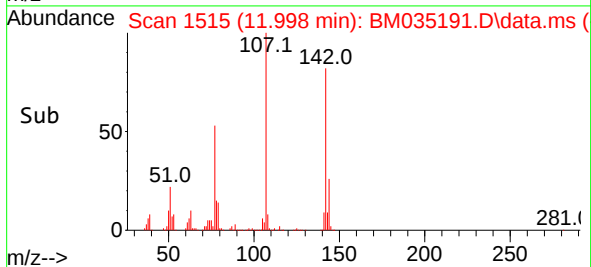
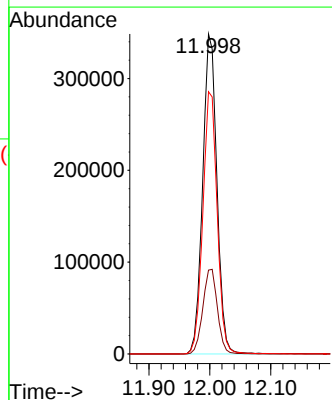
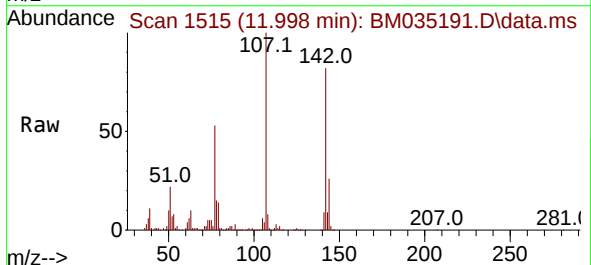
Instrument :
 BNA_M
 ClientSampleId :
 PB144942BSD

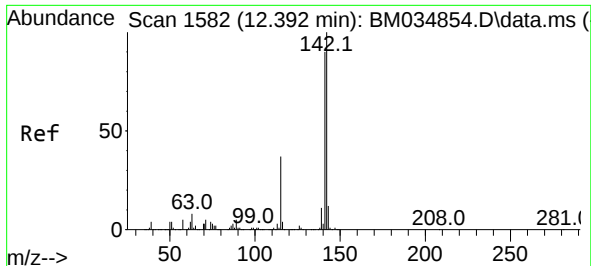
Tgt Ion:113 Resp: 161014
 Ion Ratio Lower Upper
 113 100
 55 154.0 150.1 190.1
 56 121.6 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.446 ng
 RT: 11.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

Tgt Ion:107 Resp: 566822
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.4 32.0
 142 82.0 66.7 100.1





#37

2-Methylnaphthalene

Concen: 45.325 ng

RT: 12.368 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

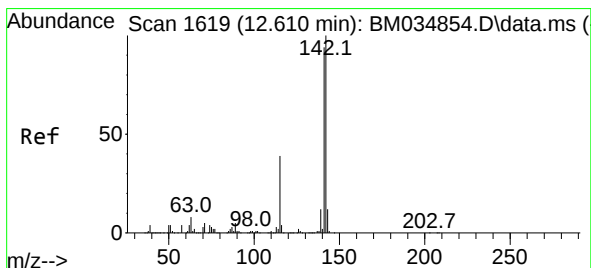
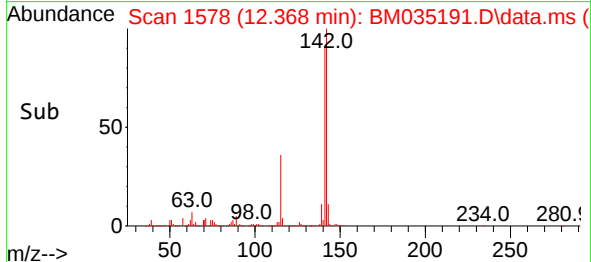
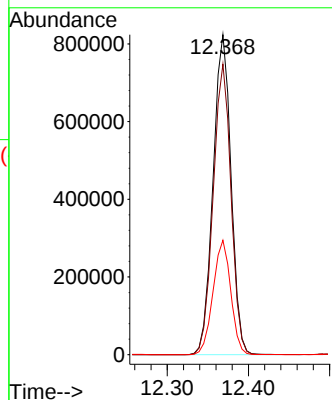
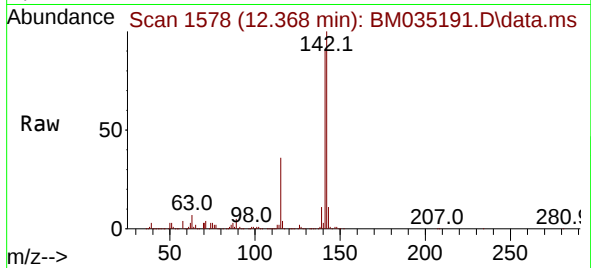
Tgt Ion:142 Resp: 1265680

Ion Ratio Lower Upper

142 100

141 90.8 72.4 108.6

115 35.7 29.6 44.4



#38

1-Methylnaphthalene

Concen: 42.970 ng

RT: 12.586 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

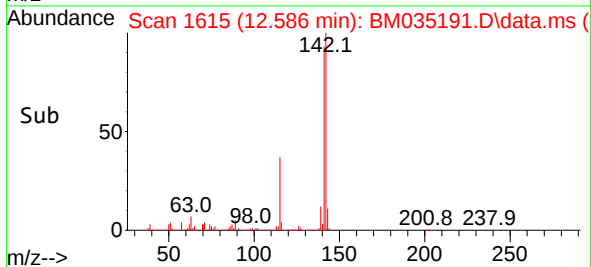
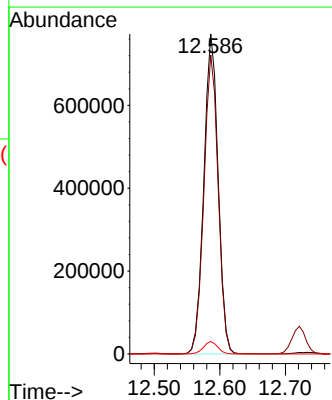
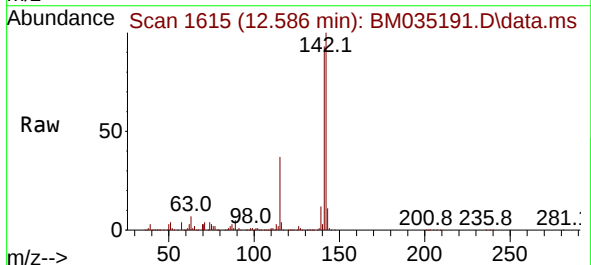
Tgt Ion:142 Resp: 1171769

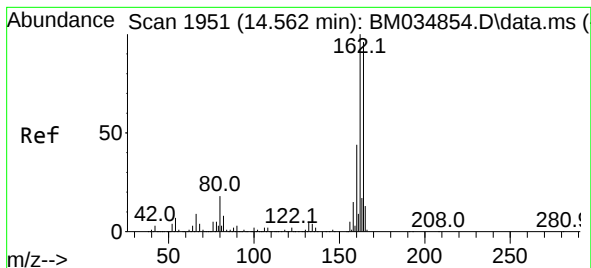
Ion Ratio Lower Upper

142 100

141 93.5 75.0 112.4

116 3.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

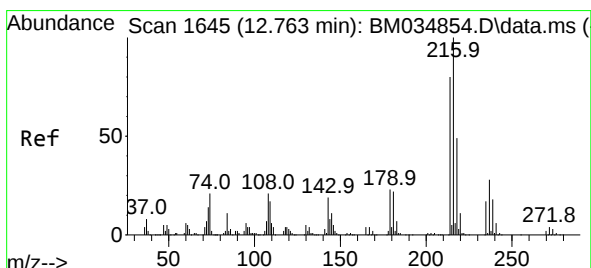
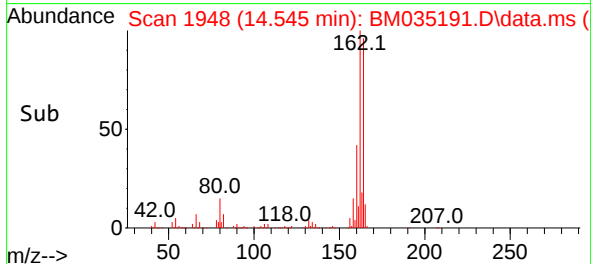
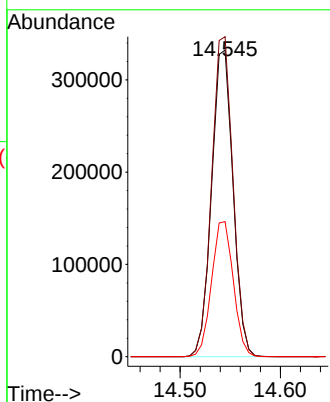
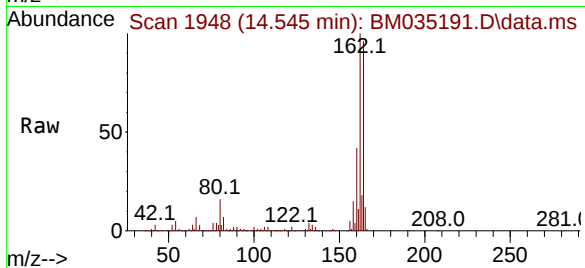
Tgt Ion:164 Resp: 491829

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

160 44.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.750 ng

RT: 12.739 min Scan# 1641

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Tgt Ion:216 Resp: 752744

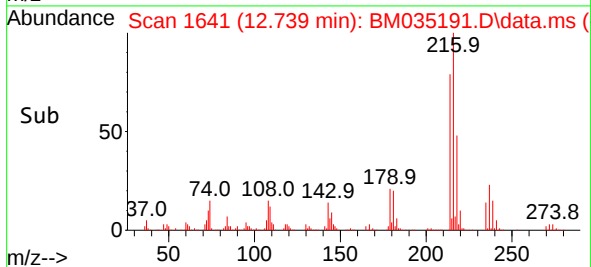
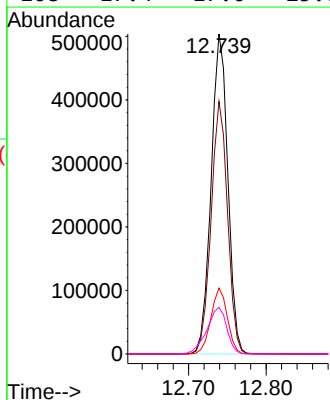
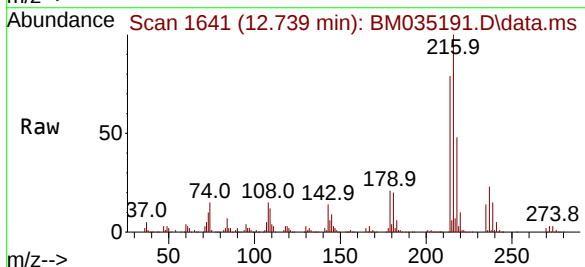
Ion Ratio Lower Upper

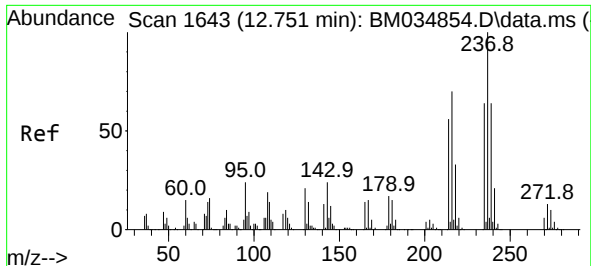
216 100

214 77.9 62.6 94.0

179 20.3 18.2 27.2

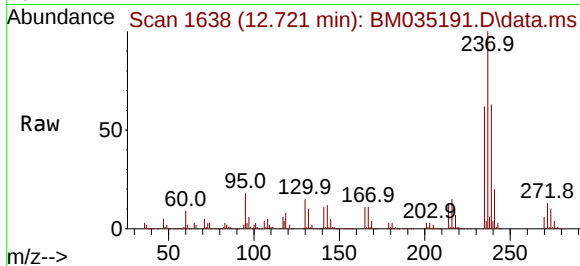
108 17.4 17.0 25.6



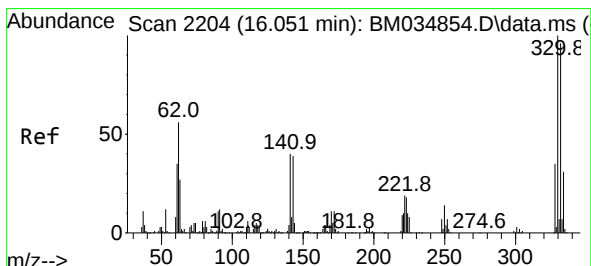
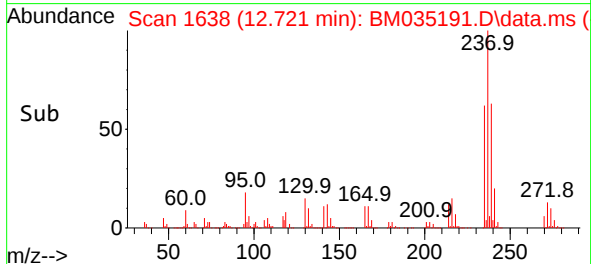
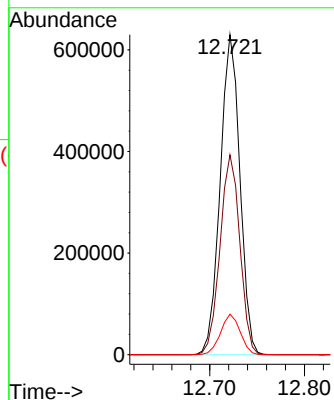


#41
Hexachlorocyclopentadiene
Concen: 108.615 ng
RT: 12.721 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Instrument :
BNA_M
ClientSampleId :
PB144942BSD

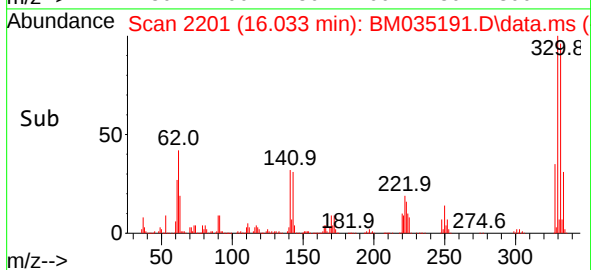
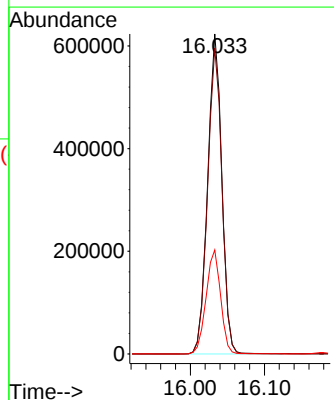
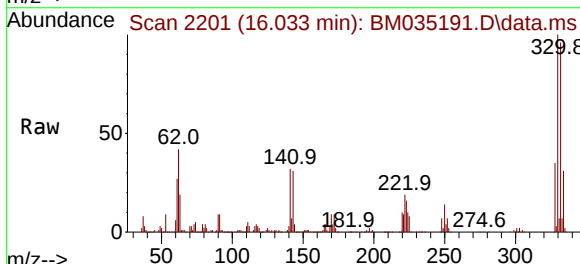


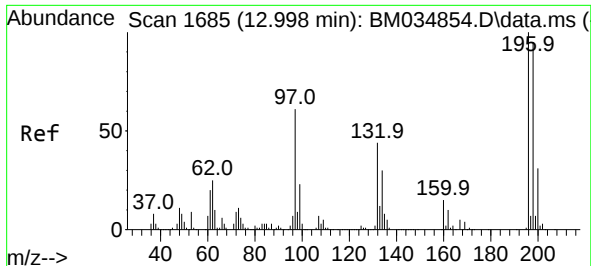
Tgt Ion:237 Resp: 910714
Ion Ratio Lower Upper
237 100
235 62.5 43.8 83.8
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 154.667 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:330 Resp: 827488
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.4 35.3 52.9#

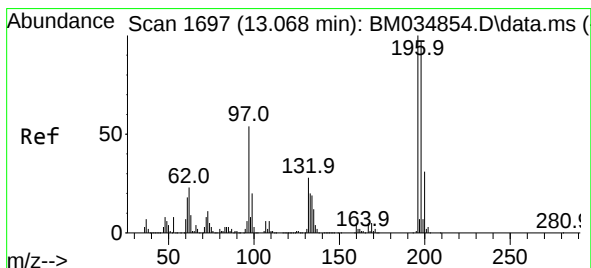
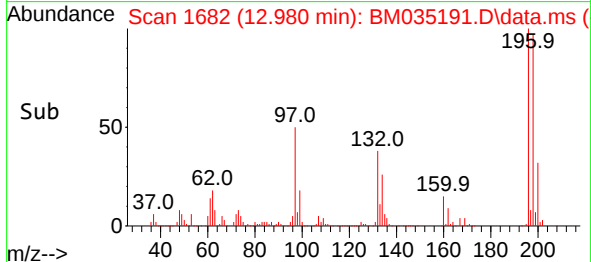
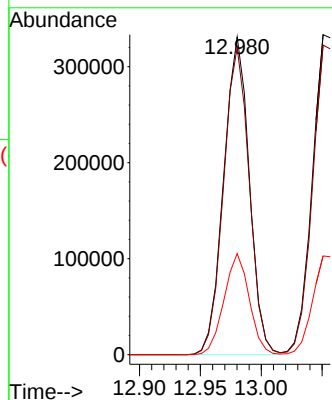
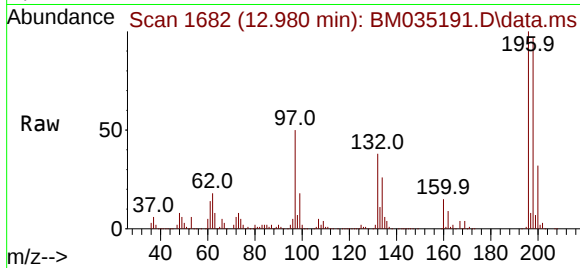




#43
2,4,6-Trichlorophenol
Concen: 51.260 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

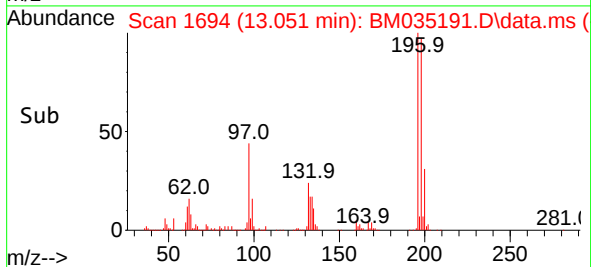
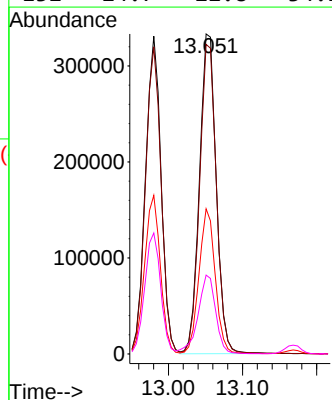
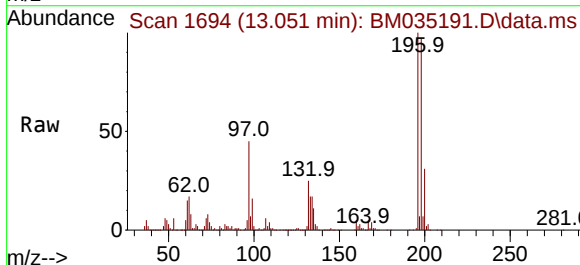
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

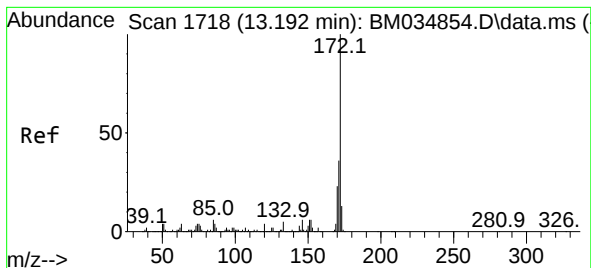
Tgt Ion:196 Resp: 485967
Ion Ratio Lower Upper
196 100
198 96.7 75.8 113.6
200 31.8 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 49.960 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:196 Resp: 525956
Ion Ratio Lower Upper
196 100
198 96.8 77.8 116.6
97 45.3 43.4 65.2
132 24.7 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 88.323 ng

RT: 13.168 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

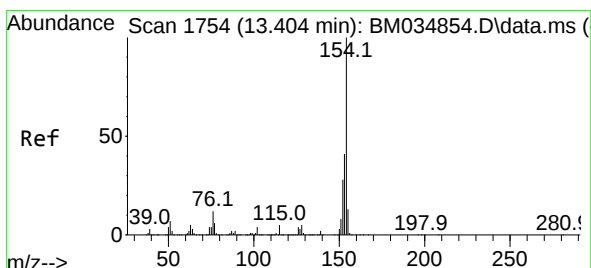
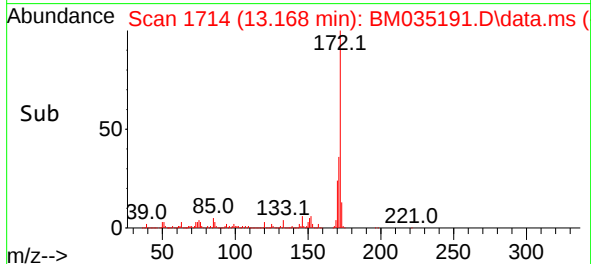
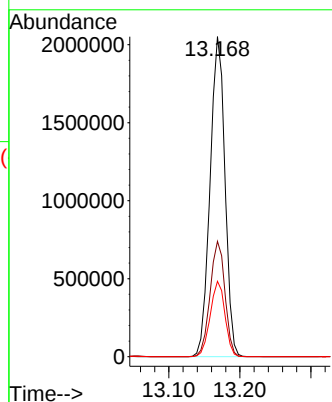
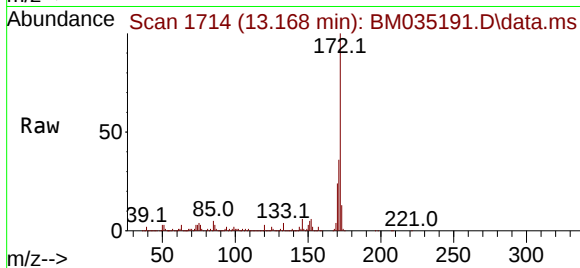
Tgt Ion:172 Resp: 2992392

Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.326 ng

RT: 13.380 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

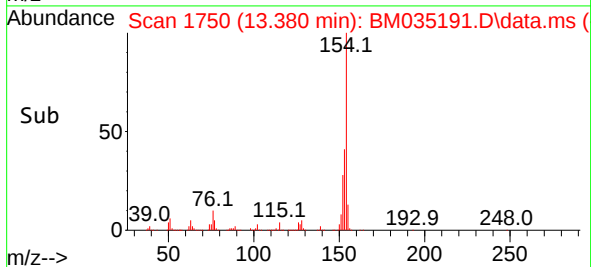
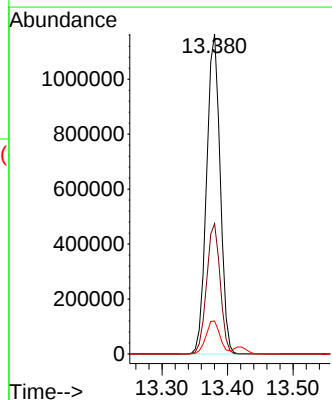
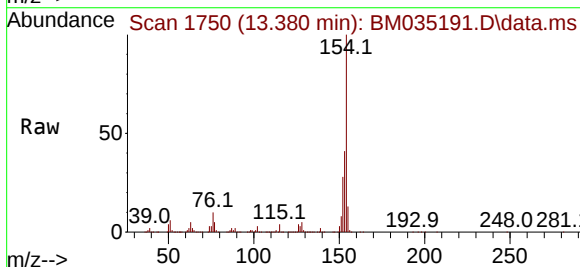
Tgt Ion:154 Resp: 1679472

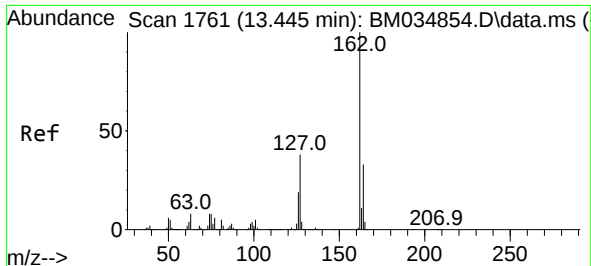
Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

76 10.3 0.0 31.8

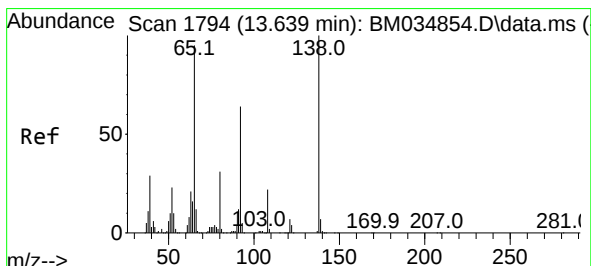
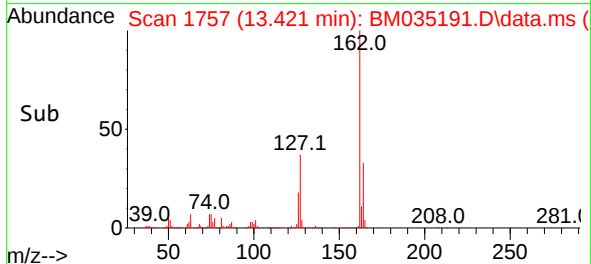
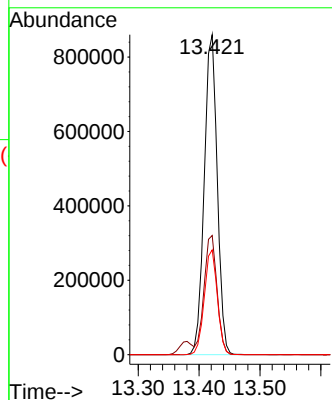
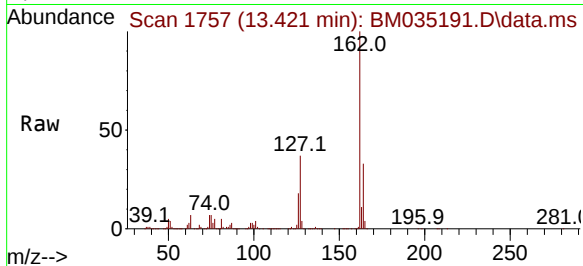




#47
2-Chloronaphthalene
Concen: 44.329 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

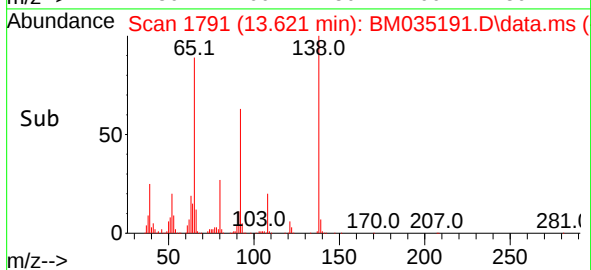
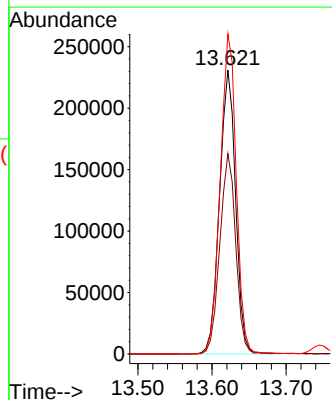
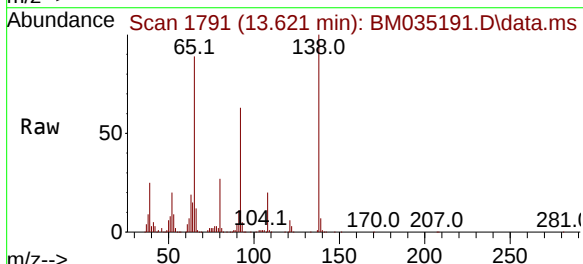
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

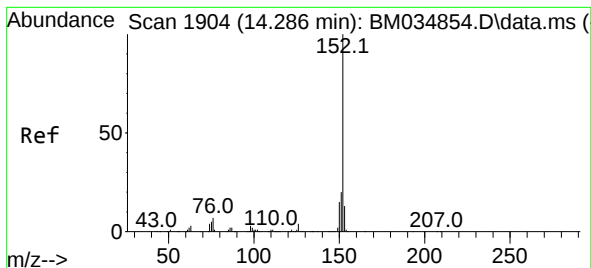
Tgt Ion:162 Resp: 1280055
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 41.952 ng
RT: 13.621 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion: 65 Resp: 348485
Ion Ratio Lower Upper
65 100
92 70.6 53.7 80.5
138 112.7 83.9 125.9





#49

Acenaphthylene

Concen: 43.992 ng

RT: 14.262 min Scan# 1900

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

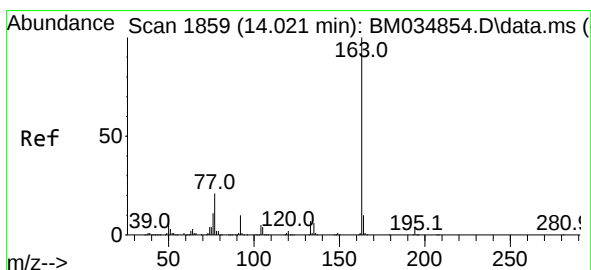
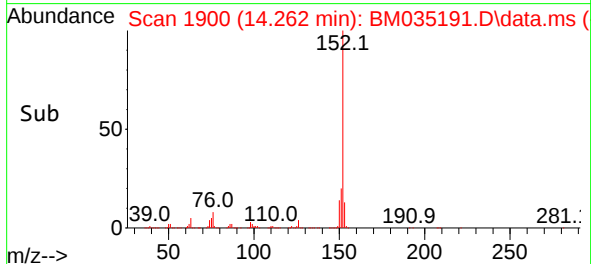
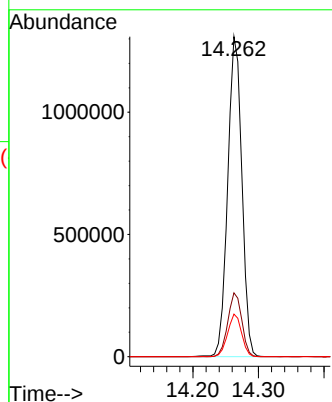
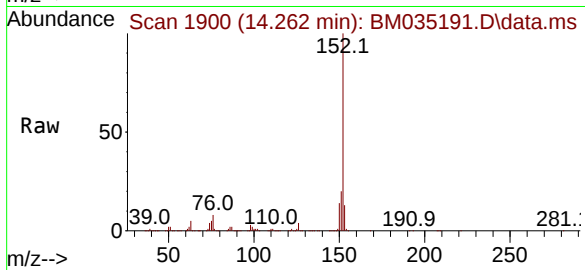
Tgt Ion:152 Resp: 1955760

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 42.994 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

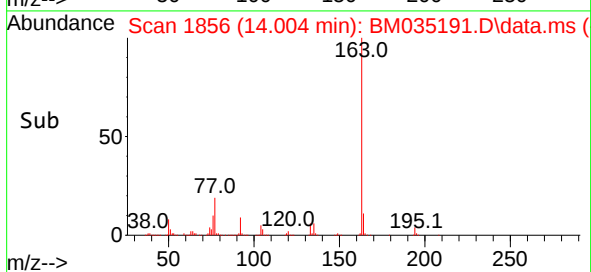
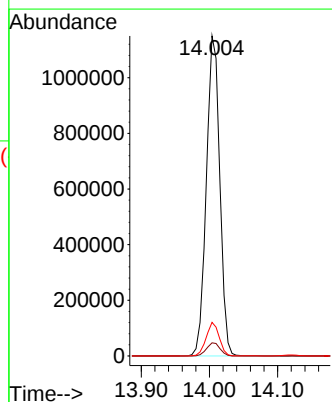
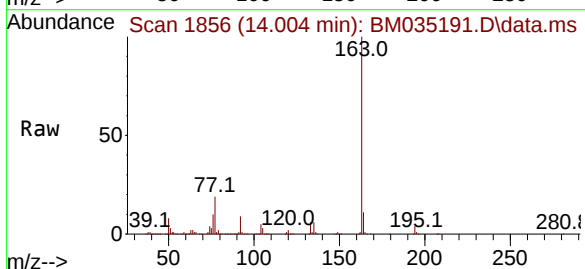
Tgt Ion:163 Resp: 1576505

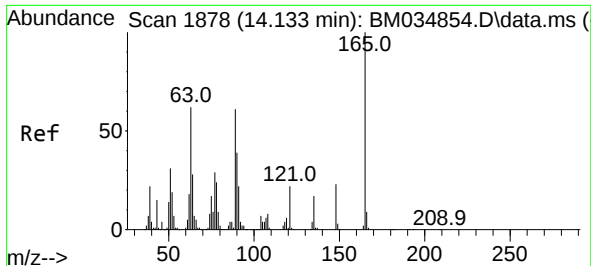
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.5 8.4 12.6

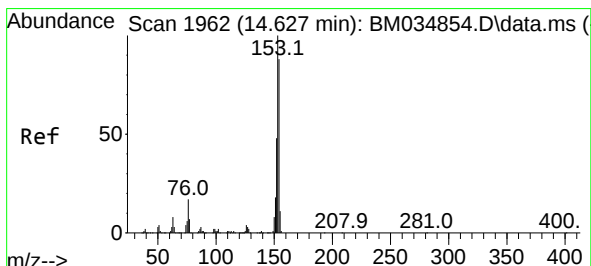
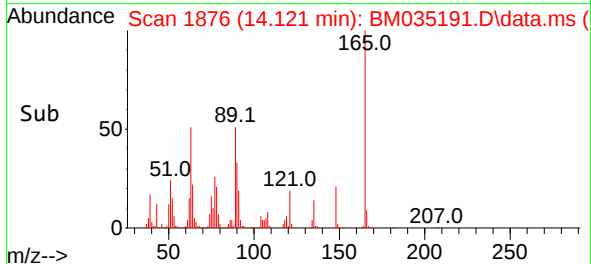
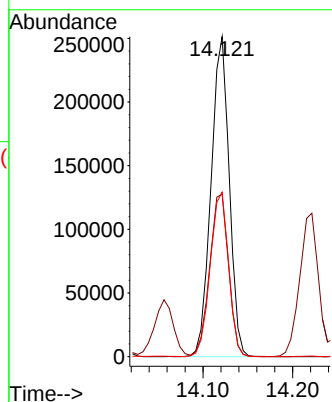
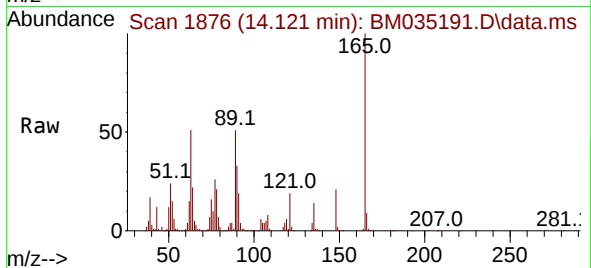




#51
2,6-Dinitrotoluene
Concen: 47.338 ng
RT: 14.121 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

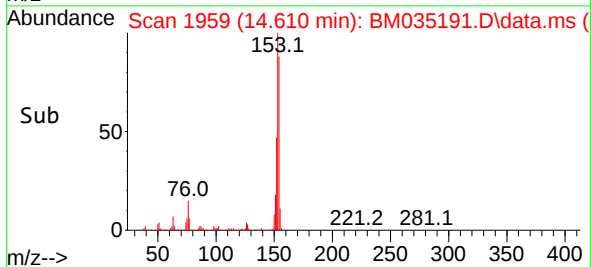
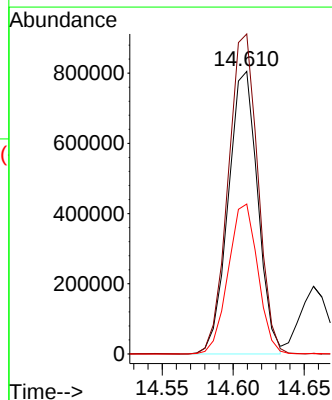
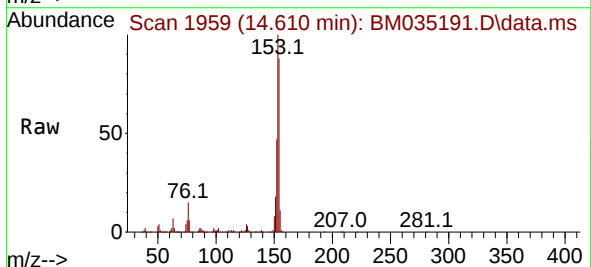
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

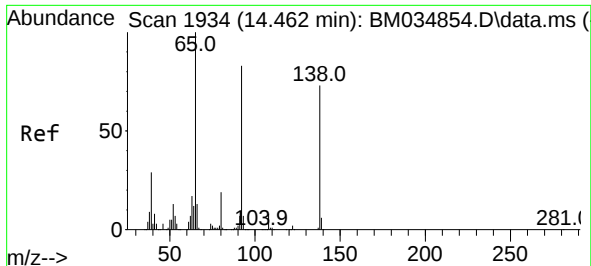
Tgt Ion:165 Resp: 353405
Ion Ratio Lower Upper
165 100
63 50.8 50.2 75.2
89 51.4 48.4 72.6



#52
Acenaphthene
Concen: 38.619 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:154 Resp: 1163226
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.6
152 53.1 43.4 65.2

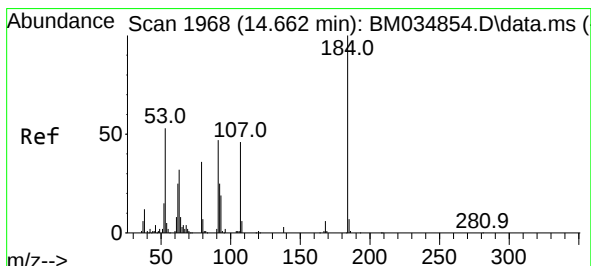
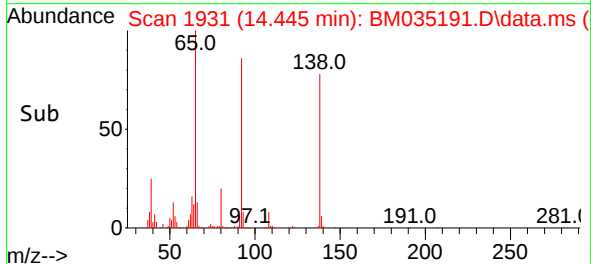
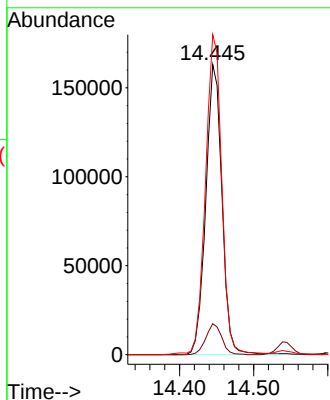
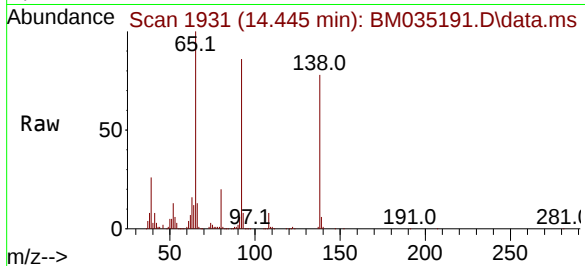




#53
3-Nitroaniline
Concen: 30.797 ng
RT: 14.445 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

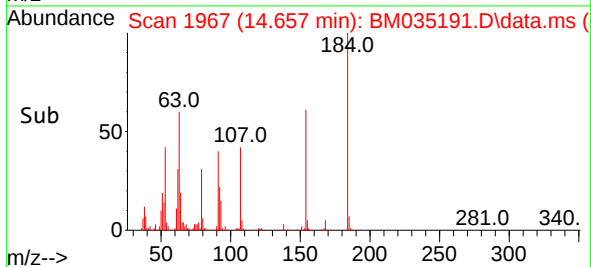
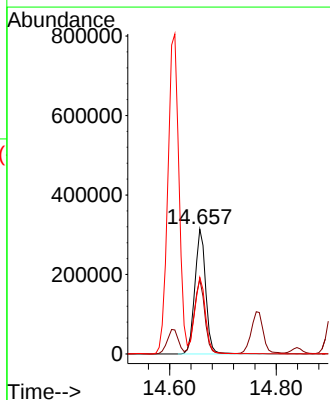
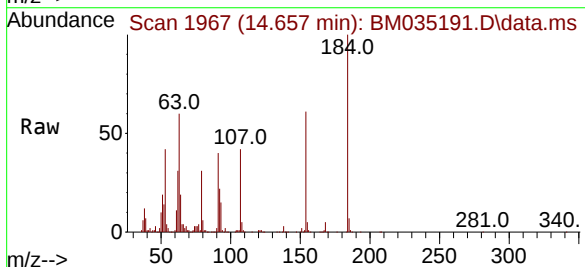
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

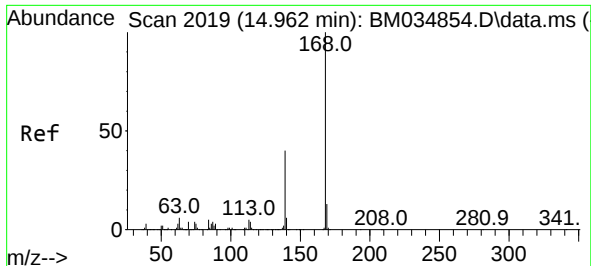
Tgt Ion:138 Resp: 246685
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 110.3 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 101.643 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:184 Resp: 446340
Ion Ratio Lower Upper
184 100
63 59.9 59.5 89.3
154 61.3 55.6 83.4

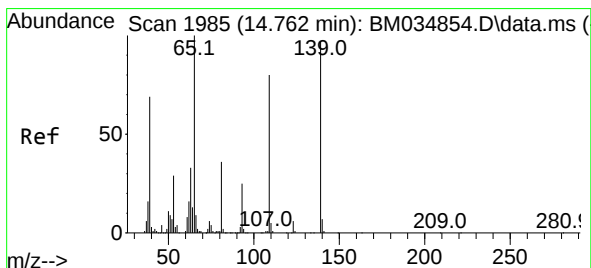
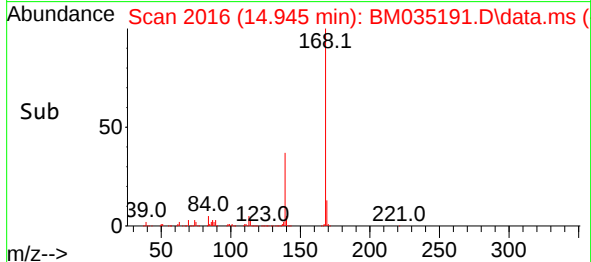
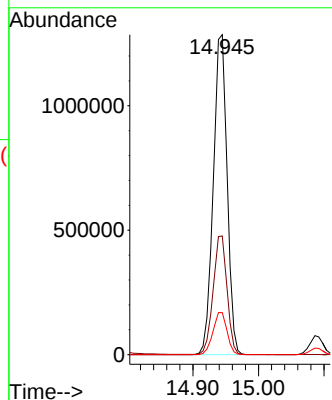
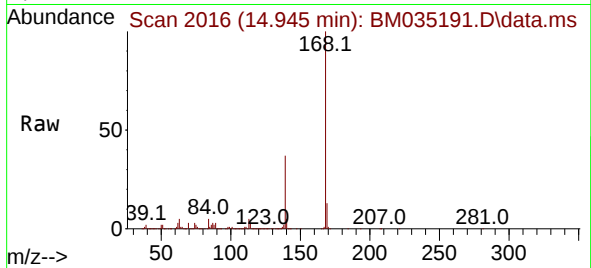




#55
Dibenzenofuran
Concen: 43.738 ng
RT: 14.945 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

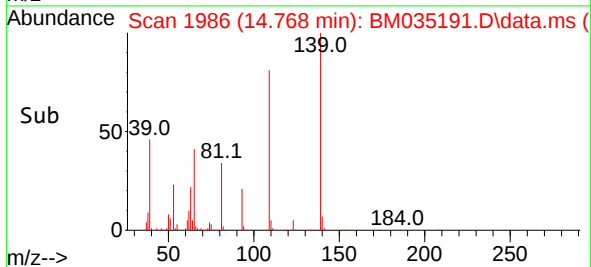
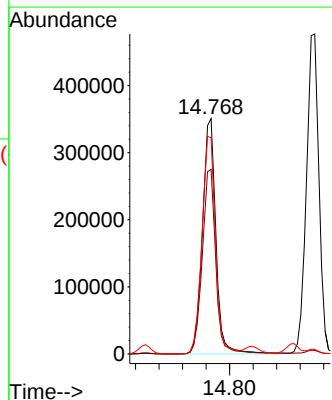
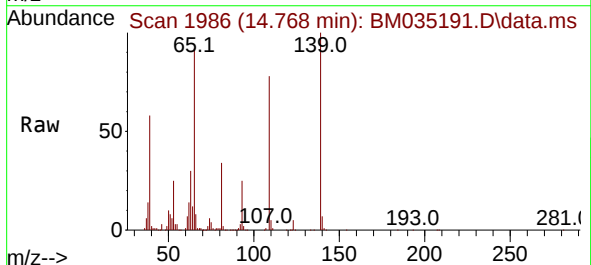
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

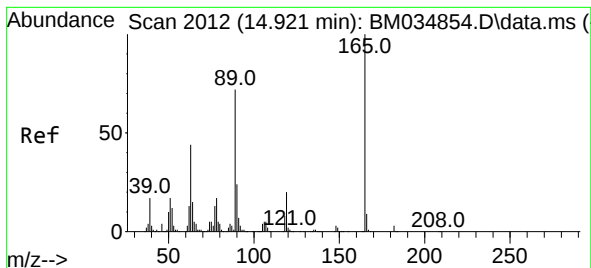
Tgt Ion:168 Resp: 1880762
Ion Ratio Lower Upper
168 100
139 37.1 32.2 48.2
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 84.846 ng
RT: 14.768 min Scan# 1986
Delta R.T. 0.017 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:139 Resp: 555098
Ion Ratio Lower Upper
139 100
109 78.5 62.5 102.5
65 92.0 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 48.563 ng

RT: 14.910 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

Tgt Ion:165 Resp: 485972

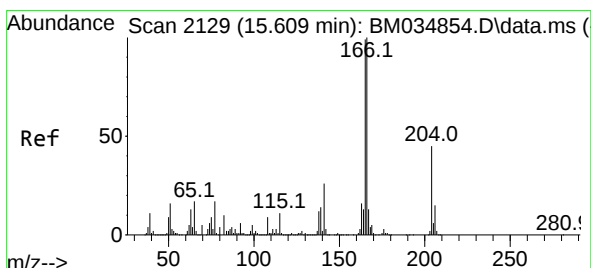
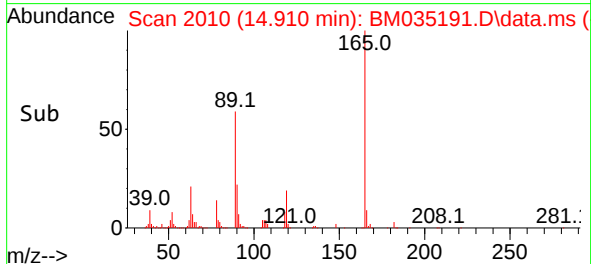
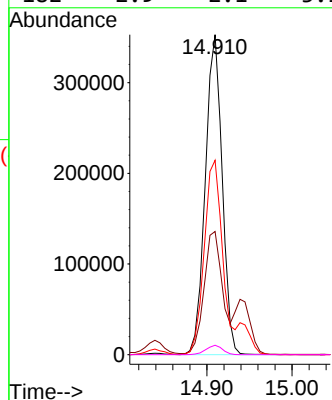
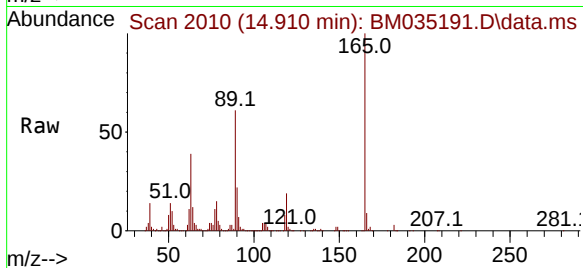
Ion Ratio Lower Upper

165 100

63 38.5 35.6 53.4

89 60.8 57.3 85.9

182 2.9 2.1 3.1



#58

Fluorene

Concen: 43.173 ng

RT: 15.592 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

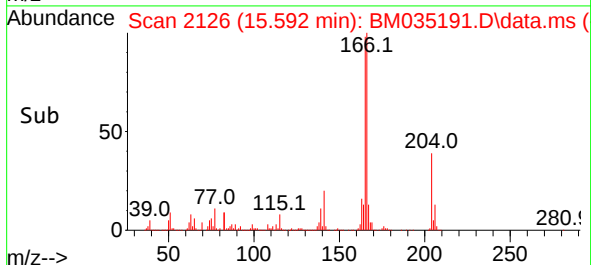
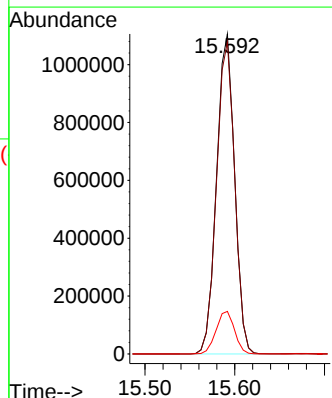
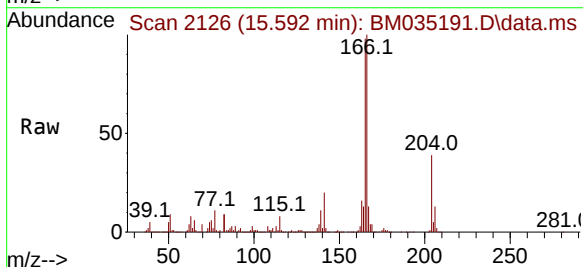
Tgt Ion:166 Resp: 1542085

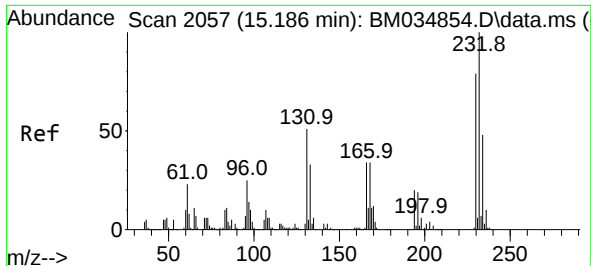
Ion Ratio Lower Upper

166 100

165 97.5 79.4 119.2

167 13.3 10.6 16.0

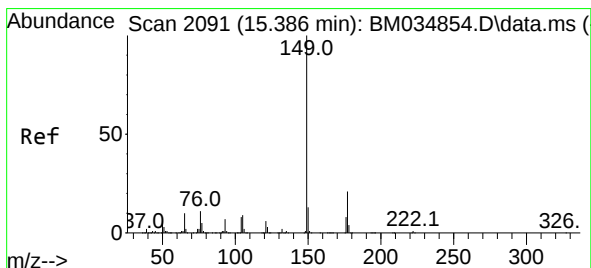
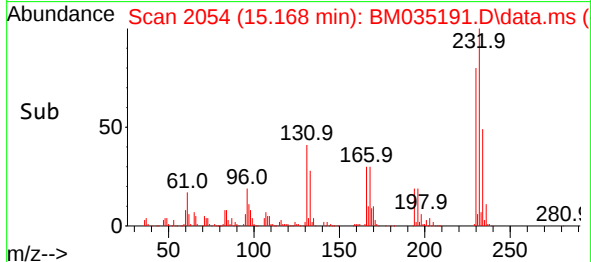
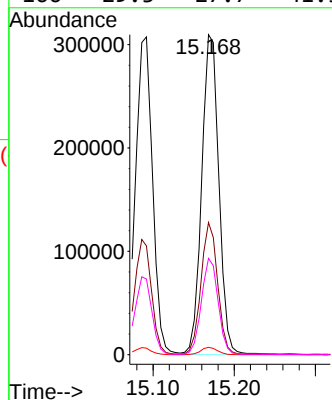
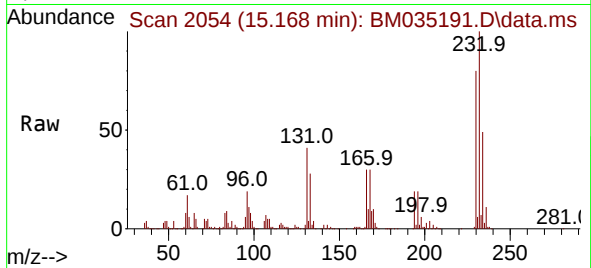




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.561 ng
RT: 15.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

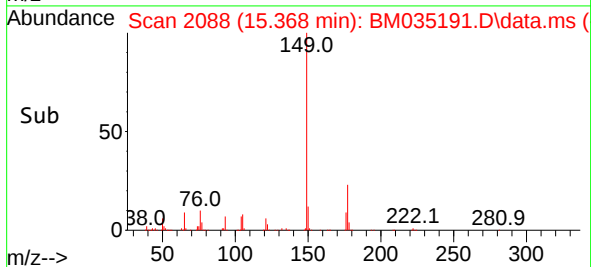
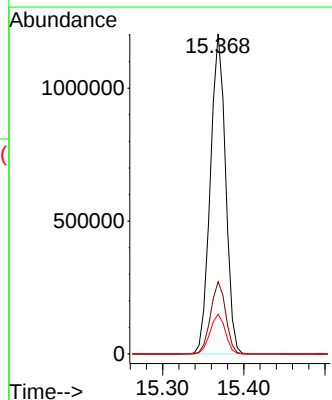
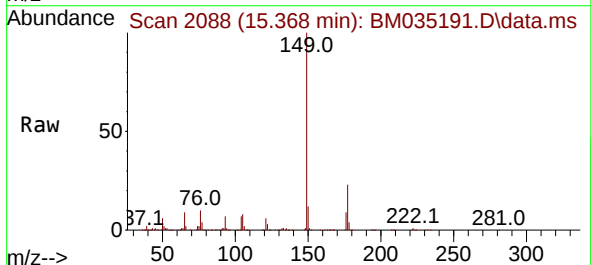
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

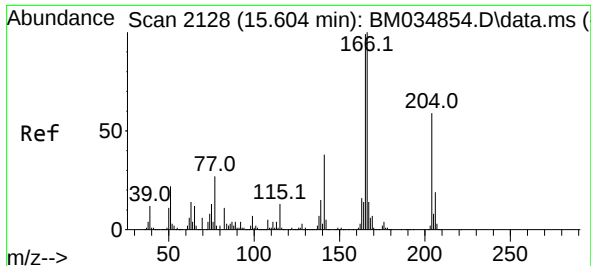
Tgt Ion:232 Resp: 452521
Ion Ratio Lower Upper
232 100
131 40.2 41.0 61.6#
130 2.2 2.3 3.5#
166 29.3 27.7 41.5



#60
Diethylphthalate
Concen: 41.881 ng
RT: 15.368 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:149 Resp: 1564128
Ion Ratio Lower Upper
149 100
177 22.6 16.9 25.3
150 12.4 10.1 15.1

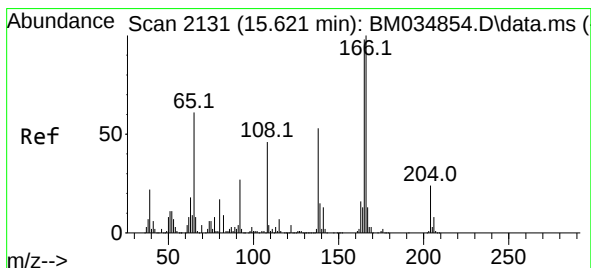
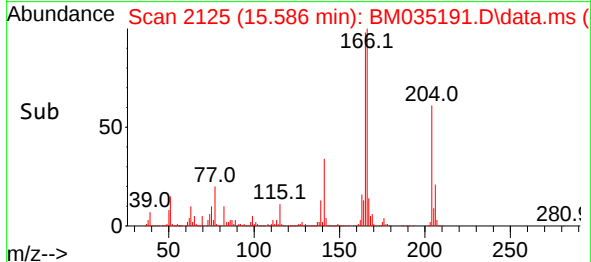
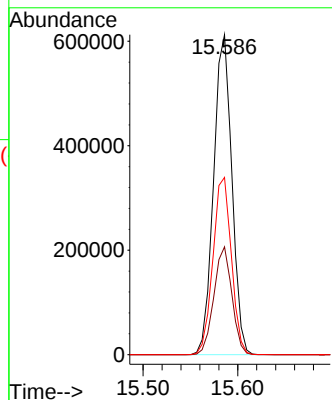
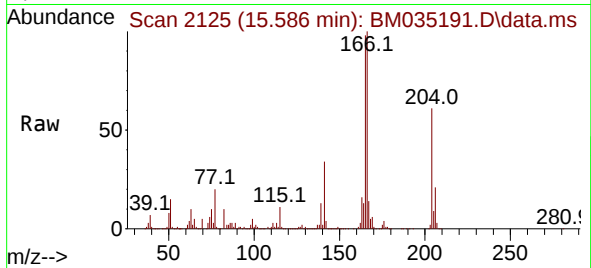




#61
4-Chlorophenyl-phenylether
Concen: 48.087 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

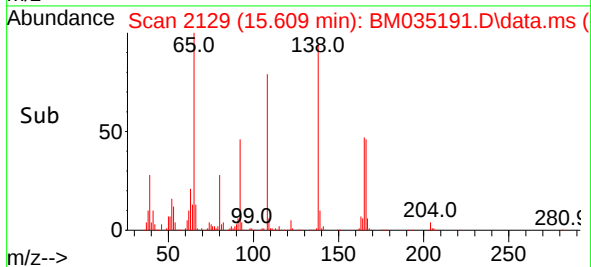
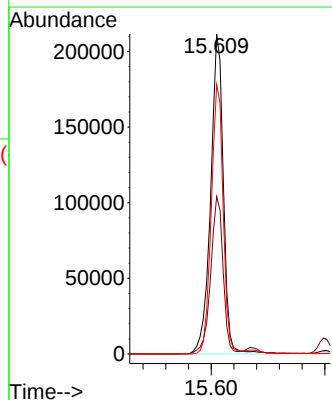
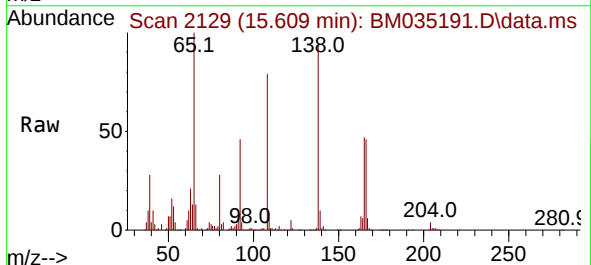
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

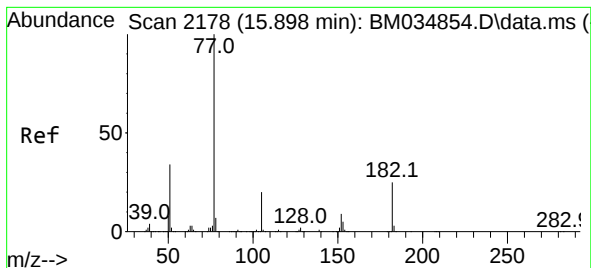
Tgt Ion:204 Resp: 821995
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 55.4 51.2 76.8



#62
4-Nitroaniline
Concen: 39.613 ng
RT: 15.609 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:138 Resp: 328558
Ion Ratio Lower Upper
138 100
92 49.2 30.8 70.8
108 84.2 65.7 105.7





#63

Azobenzene

Concen: 37.899 ng

RT: 15.880 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

Tgt Ion: 77 Resp: 1290938

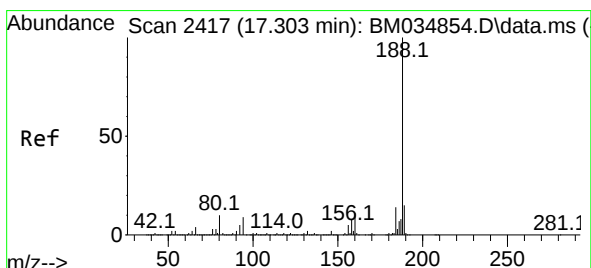
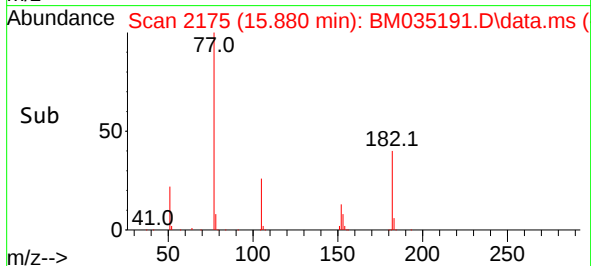
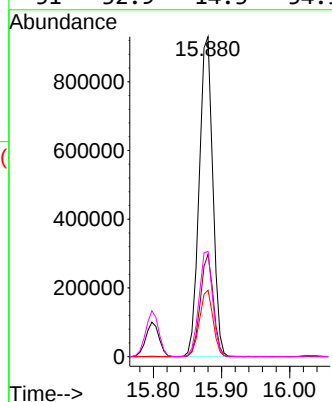
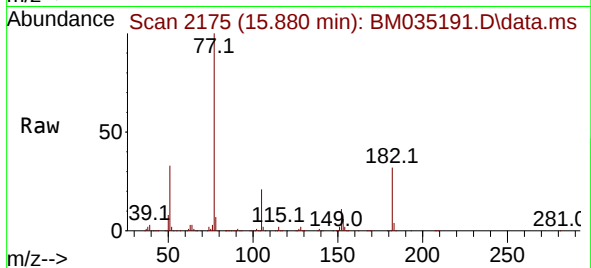
Ion Ratio Lower Upper

77 100

182 31.9 4.9 44.9

105 20.8 0.0 39.6

51 32.9 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

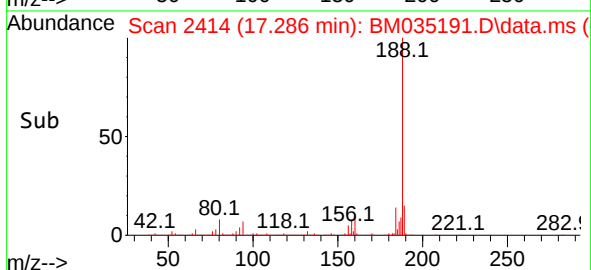
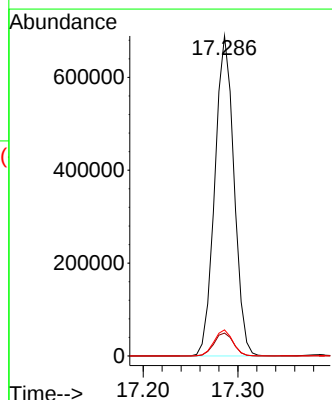
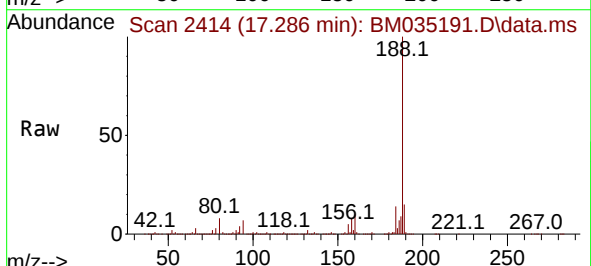
Tgt Ion:188 Resp: 969567

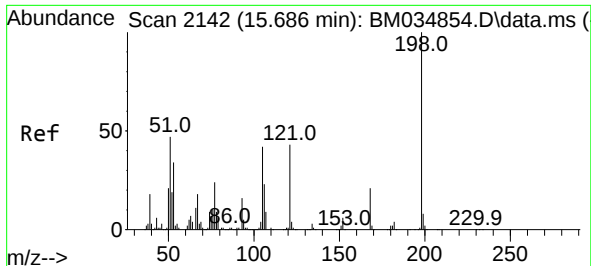
Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.4

80 8.2 7.6 11.4

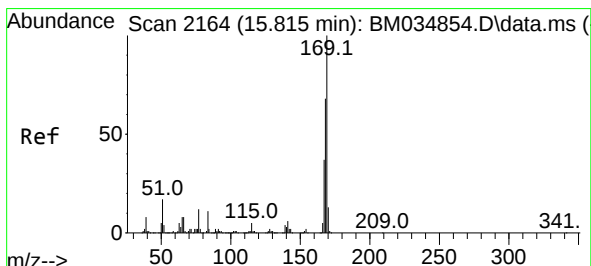
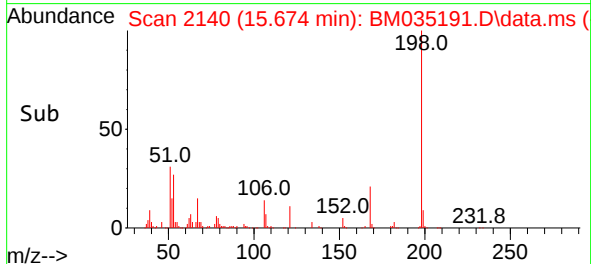
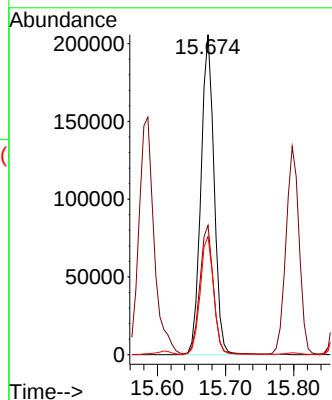
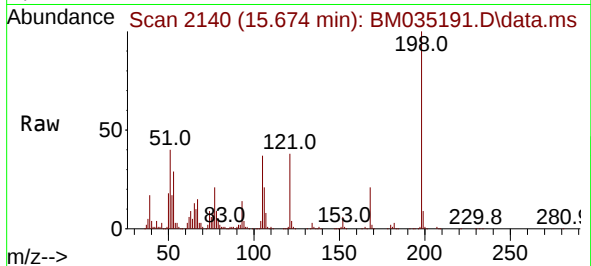




#65
4,6-Dinitro-2-methylphenol
Concen: 47.648 ng
RT: 15.674 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

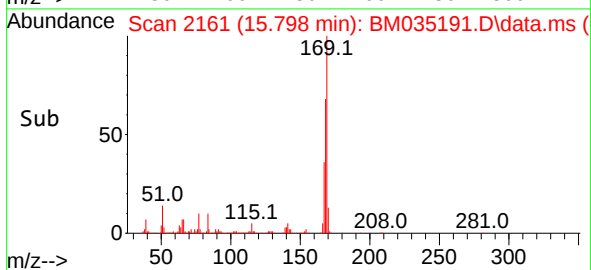
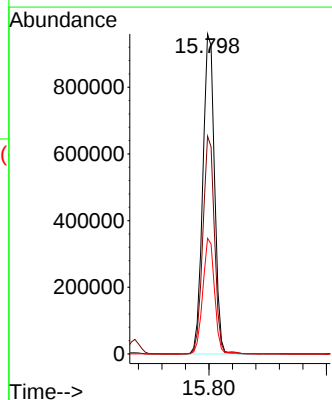
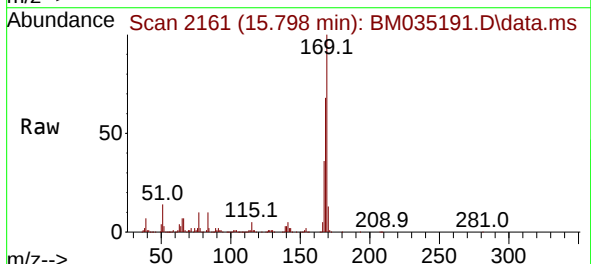
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

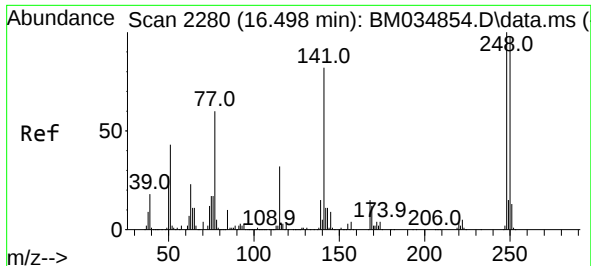
Tgt Ion:198 Resp: 276165
Ion Ratio Lower Upper
198 100
51 40.4 29.0 69.0
105 37.0 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 45.139 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:169 Resp: 1326382
Ion Ratio Lower Upper
169 100
168 68.1 54.3 81.5
167 36.1 29.4 44.0

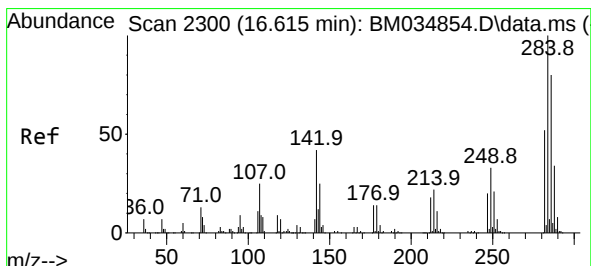
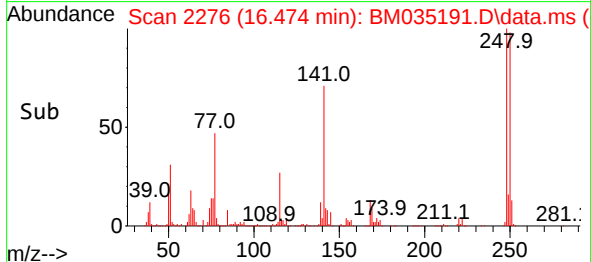
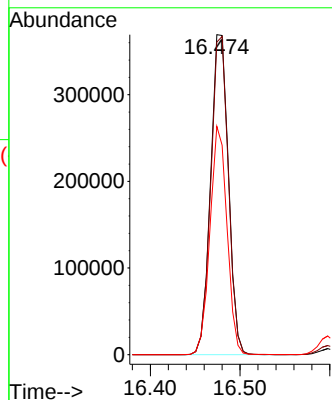
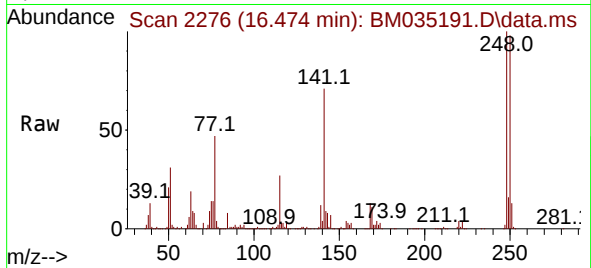




#67
4-Bromophenyl-phenylether
Concen: 51.707 ng
RT: 16.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

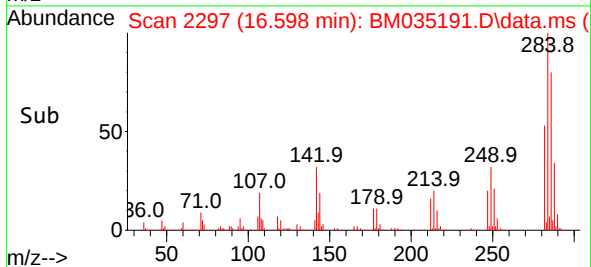
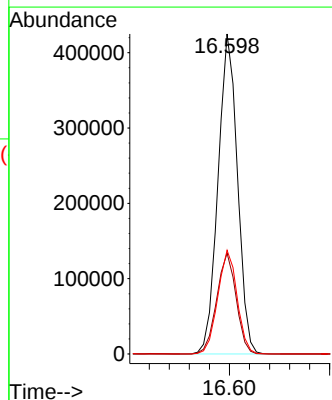
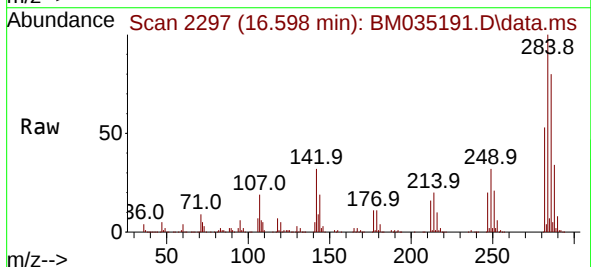
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

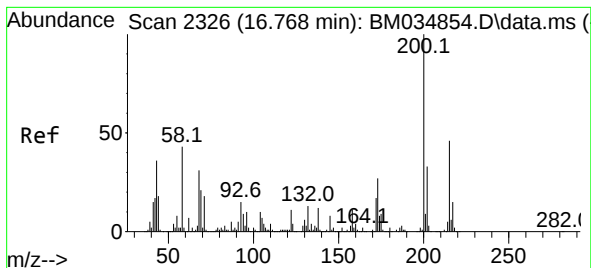
Tgt Ion:248 Resp: 509603
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 71.4 66.0 99.0



#68
Hexachlorobenzene
Concen: 51.249 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:284 Resp: 570254
Ion Ratio Lower Upper
284 100
142 31.5 33.6 50.4#
249 32.4 26.2 39.2





#69

Atrazine

Concen: 50.426 ng

RT: 16.756 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

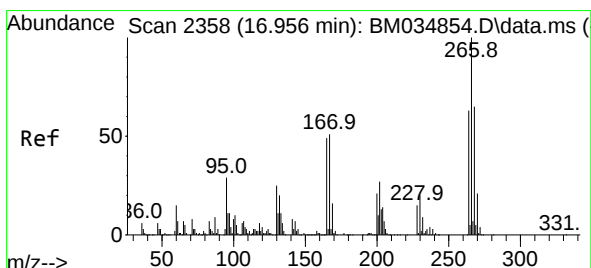
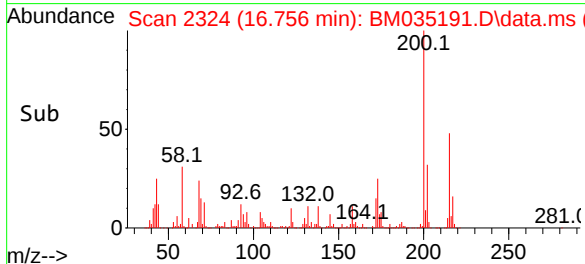
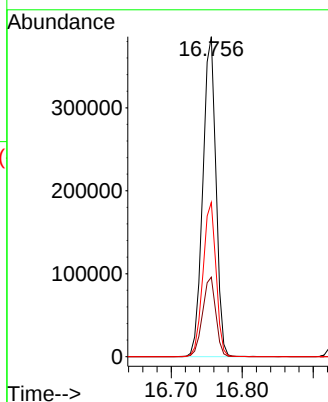
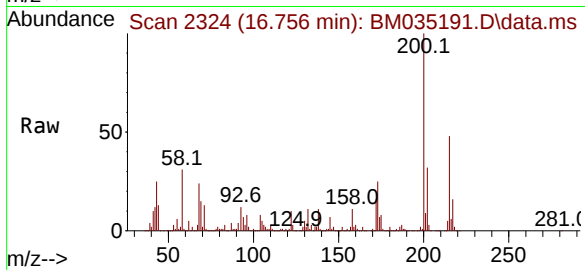
Tgt Ion:200 Resp: 497451

Ion Ratio Lower Upper

200 100

173 24.8 6.6 46.6

215 48.2 26.2 66.2



#70

Pentachlorophenol

Concen: 104.090 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

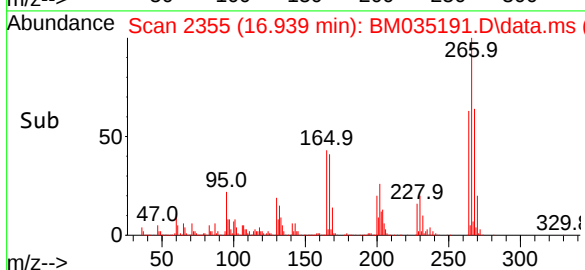
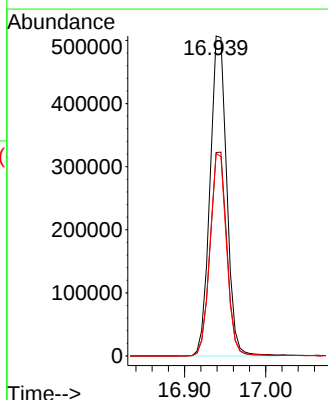
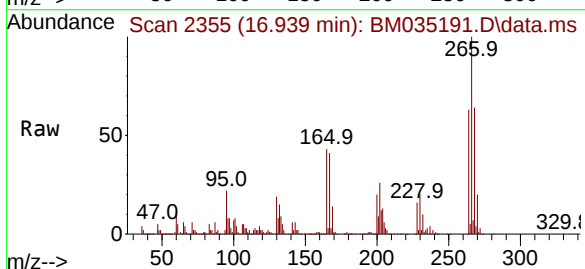
Tgt Ion:266 Resp: 725687

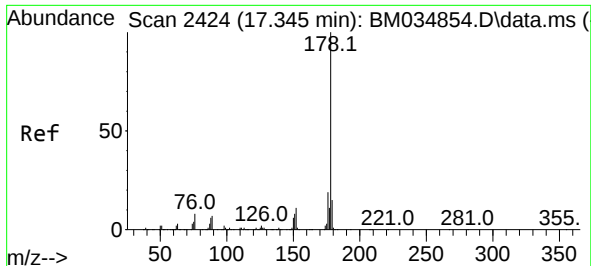
Ion Ratio Lower Upper

266 100

268 63.5 51.9 77.9

264 63.3 50.6 76.0

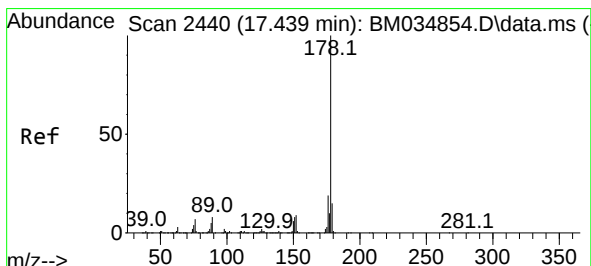
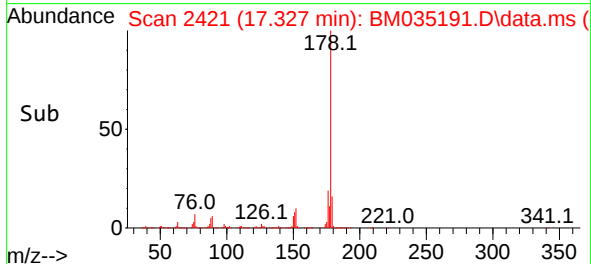
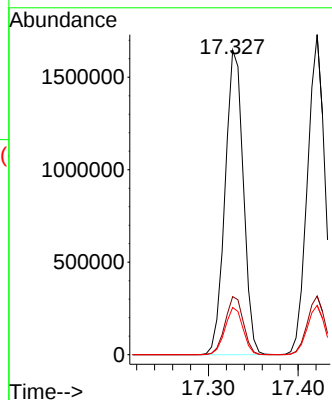
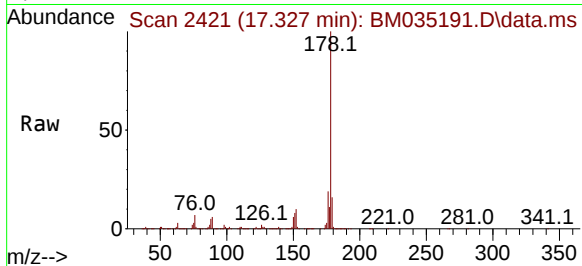




#71
Phenanthrene
Concen: 43.011 ng
RT: 17.327 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

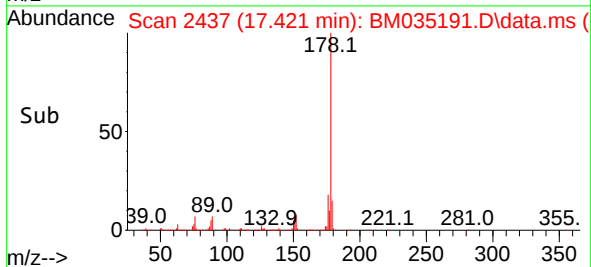
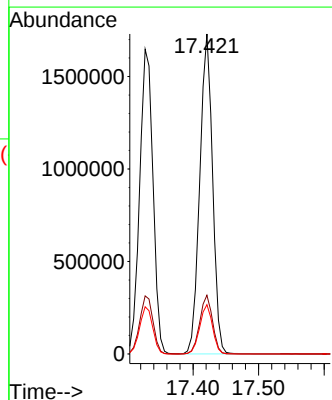
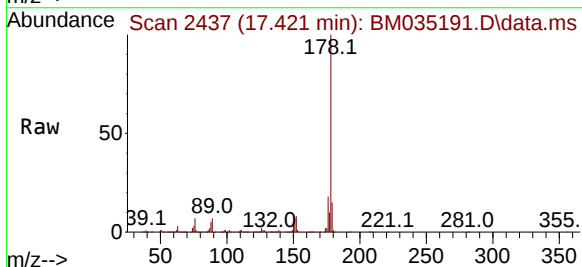
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

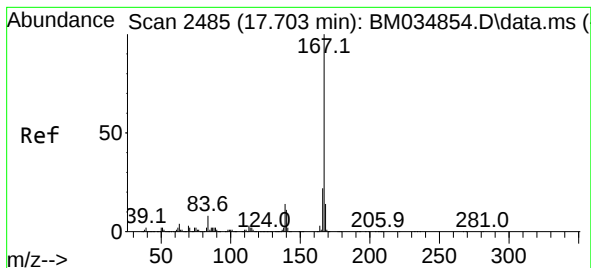
Tgt Ion:178 Resp: 2324166
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 45.057 ng
RT: 17.421 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:178 Resp: 2350929
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.4 12.2 18.2





#73

Carbazole

Concen: 43.053 ng

RT: 17.692 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

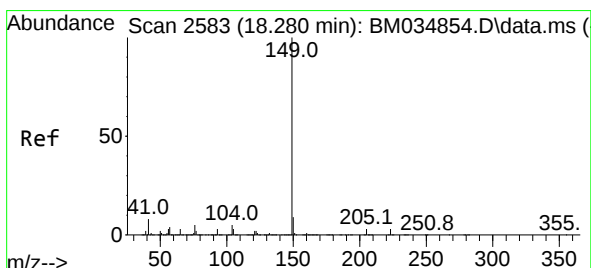
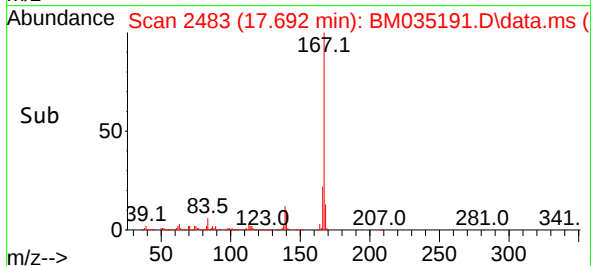
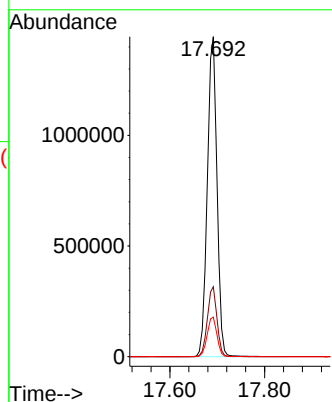
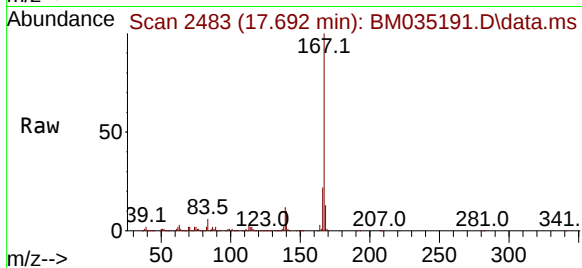
Tgt Ion:167 Resp: 2051620

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

139 12.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 42.114 ng

RT: 18.262 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

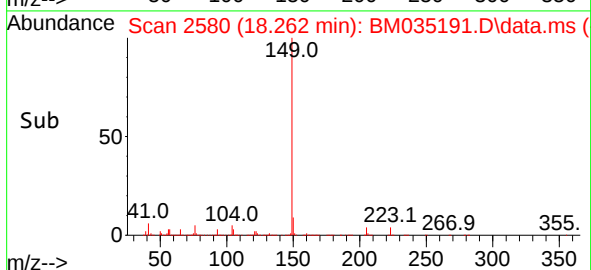
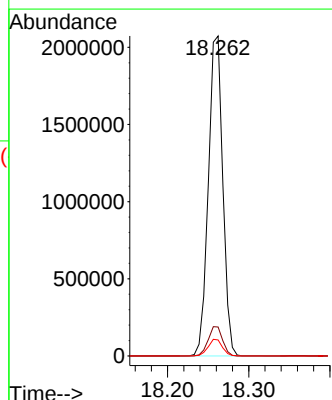
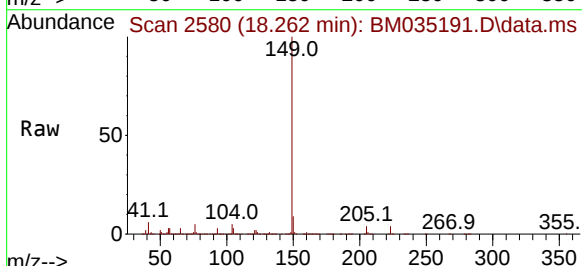
Tgt Ion:149 Resp: 2553428

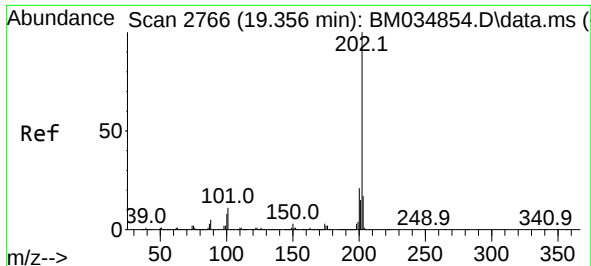
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.0 4.3 6.5

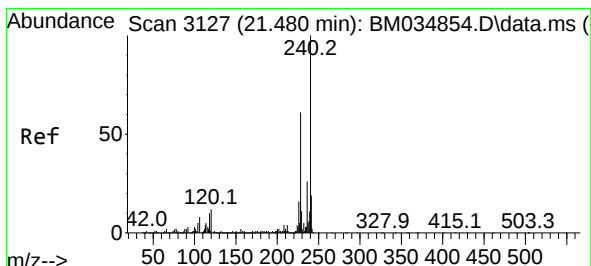
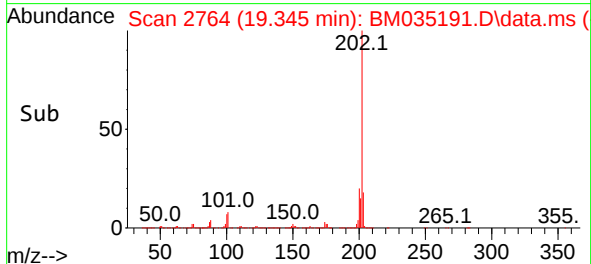
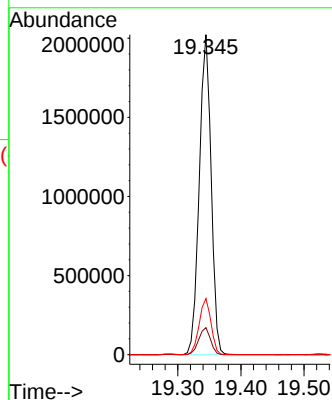
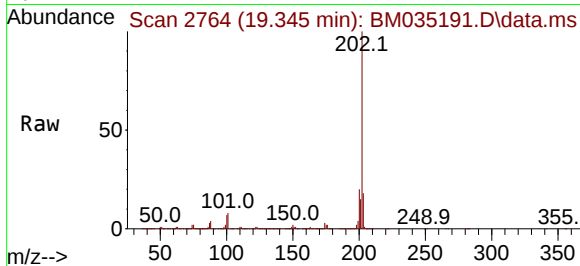




#75
Fluoranthene
Concen: 44.173 ng
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

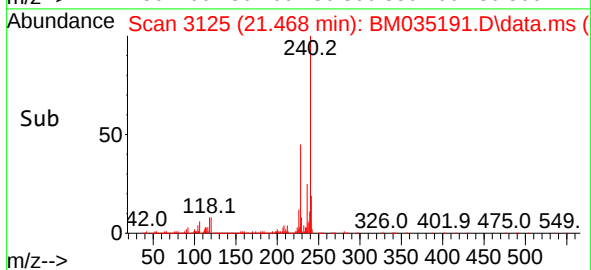
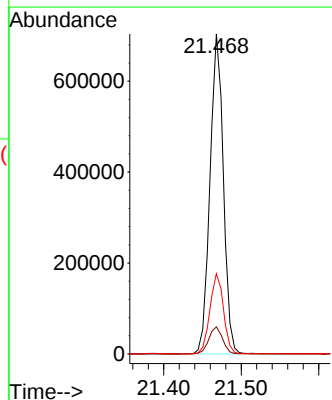
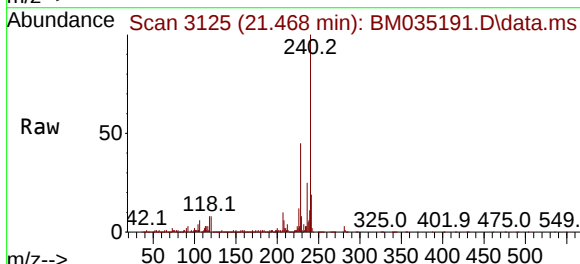
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

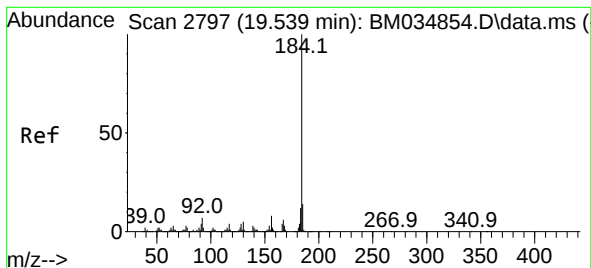
Tgt Ion:202 Resp: 2621038
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.6
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:240 Resp: 844124
Ion Ratio Lower Upper
240 100
120 8.4 9.4 14.0#
236 25.1 20.6 30.8





#77

Benzidine

Concen: 33.049 ng

RT: 19.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

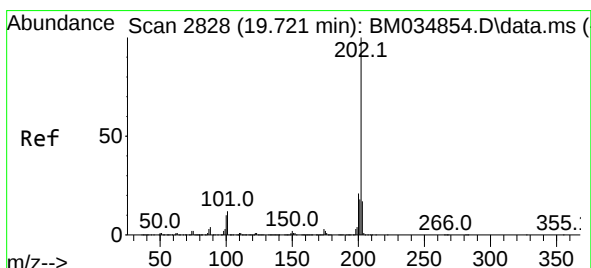
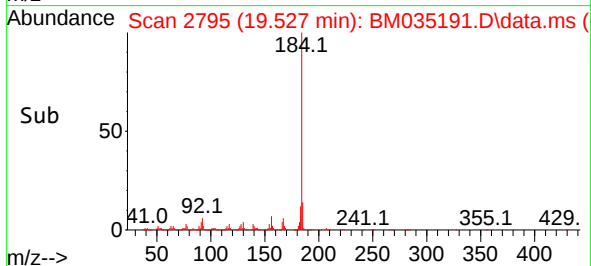
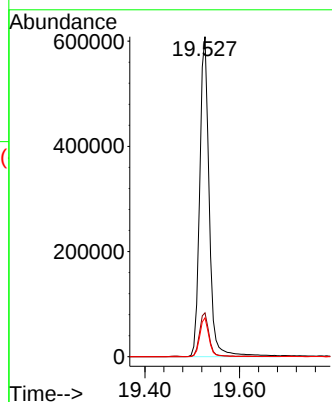
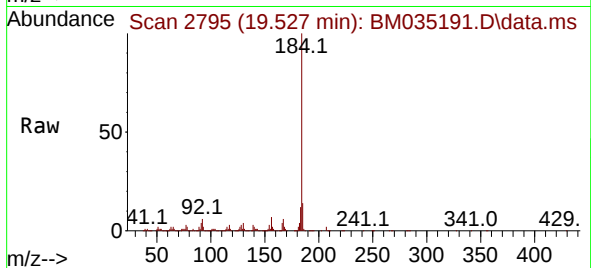
Tgt Ion:184 Resp: 852239

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

183 12.1 9.5 14.3



#78

Pyrene

Concen: 47.429 ng

RT: 19.703 min Scan# 2825

Delta R.T. -0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

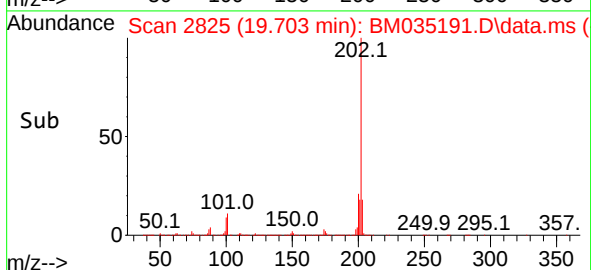
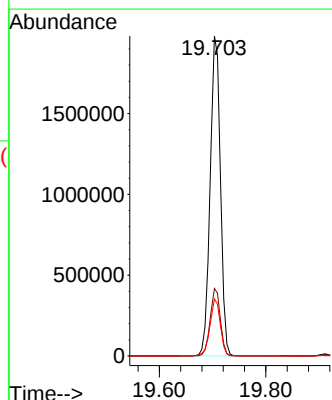
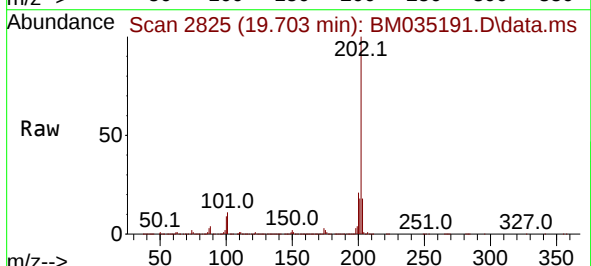
Tgt Ion:202 Resp: 2647601

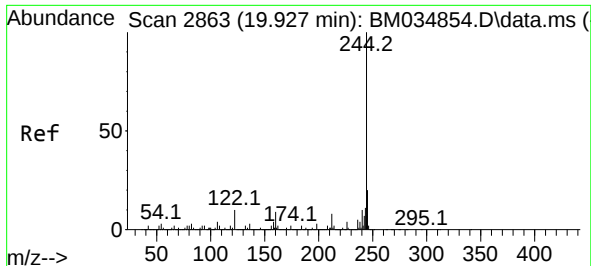
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.8 13.9 20.9

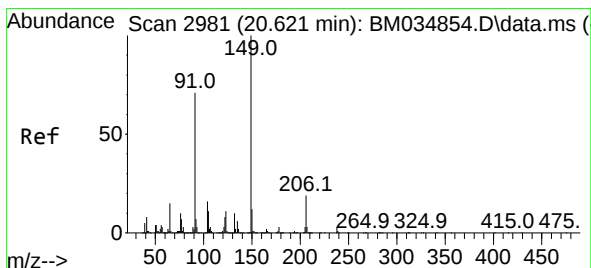
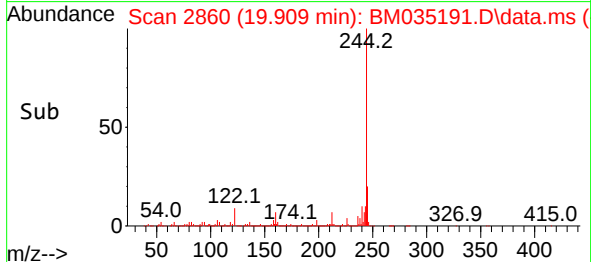
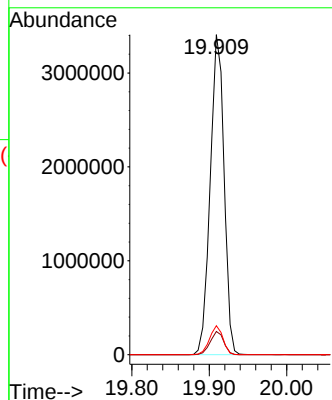
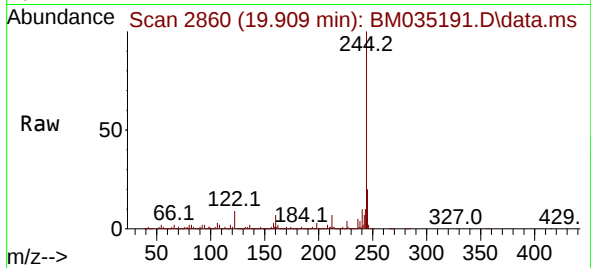




#79
 Terphenyl-d14
 Concen: 96.954 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

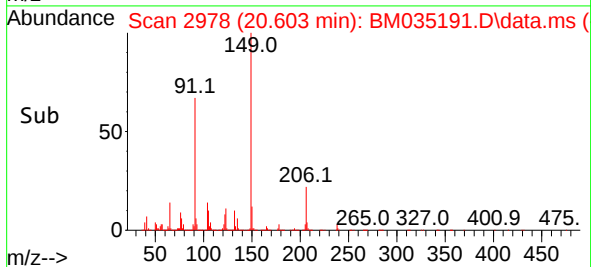
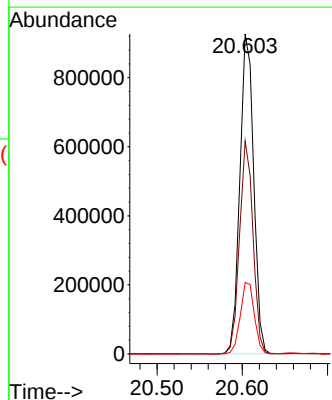
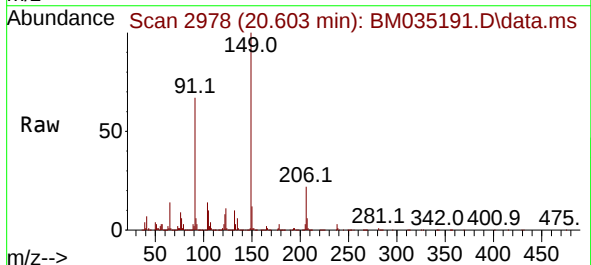
Instrument :
 BNA_M
 ClientSampleId :
 PB144942BSD

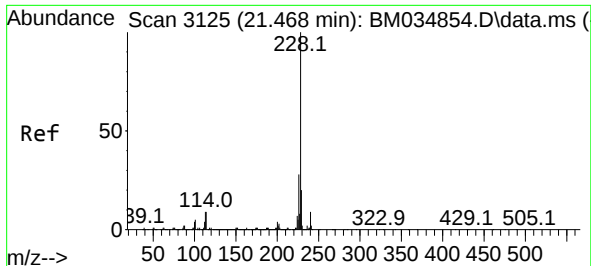
Tgt Ion:244 Resp: 4226873
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.1 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 42.612 ng
 RT: 20.603 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

Tgt Ion:149 Resp: 1044104
 Ion Ratio Lower Upper
 149 100
 91 66.6 56.6 85.0
 206 22.3 15.4 23.0

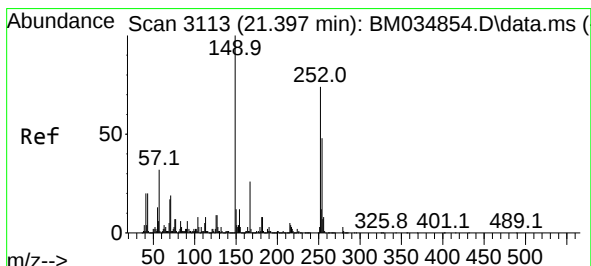
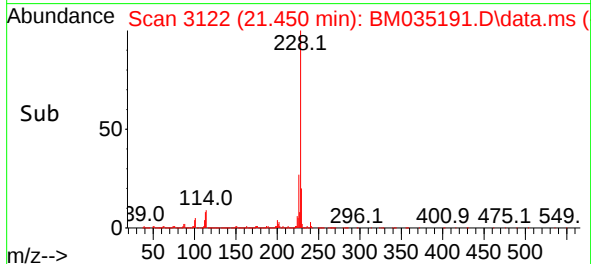
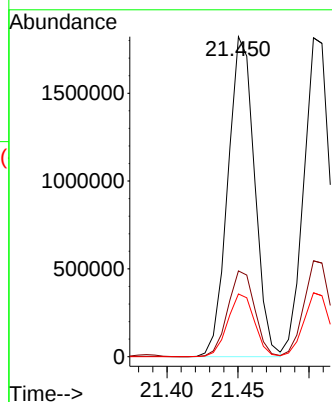
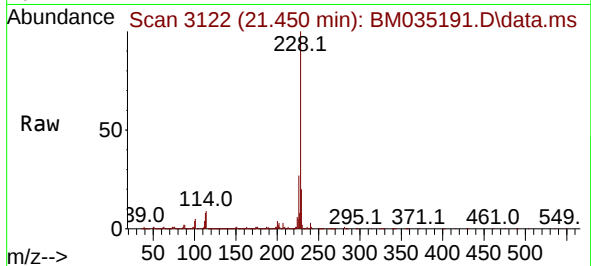




#81
Benzo(a)anthracene
Concen: 42.240 ng
RT: 21.450 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

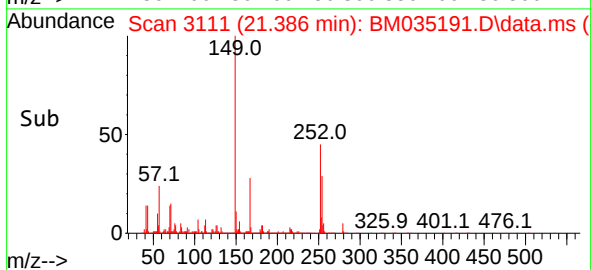
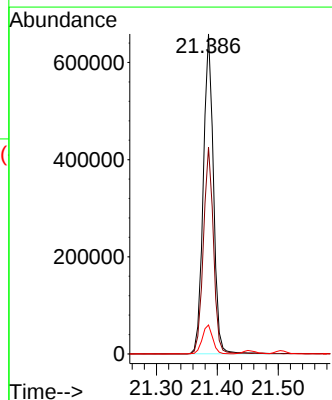
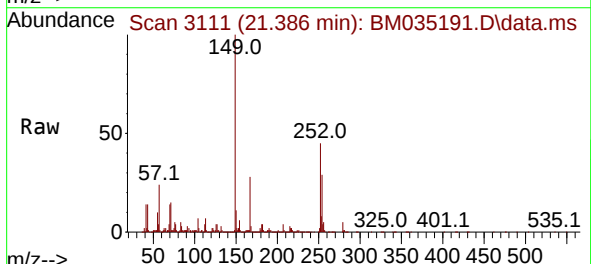
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

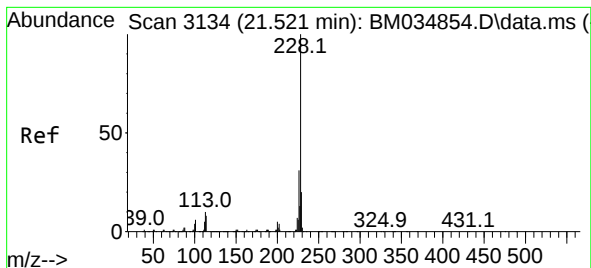
Tgt Ion:228 Resp: 2379173
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.501 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:252 Resp: 763407
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 9.0 9.4 14.0#





#83

Chrysene

Concen: 43.144 ng

RT: 21.503 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

Instrument :

BNA_M

ClientSampleId :

PB144942BSD

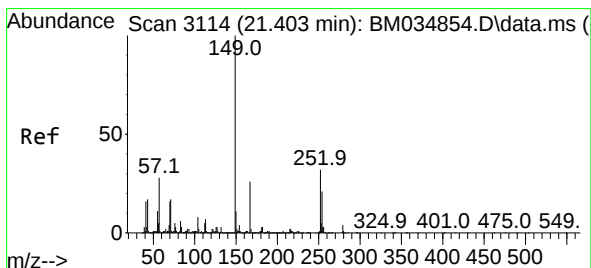
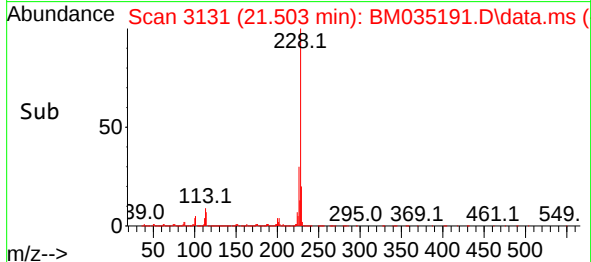
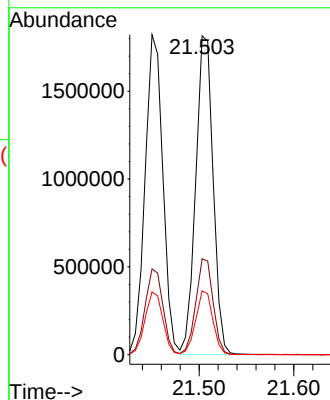
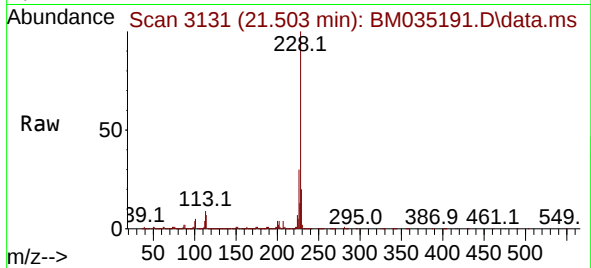
Tgt Ion:228 Resp: 2321154

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.233 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM035191.D

Acq: 23 May 2022 13:12

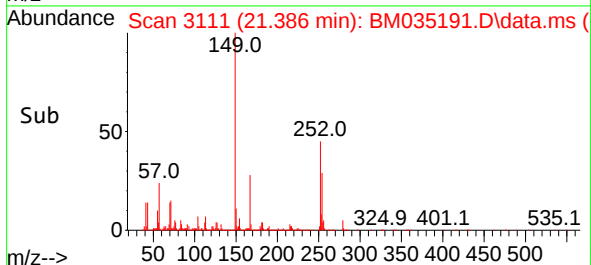
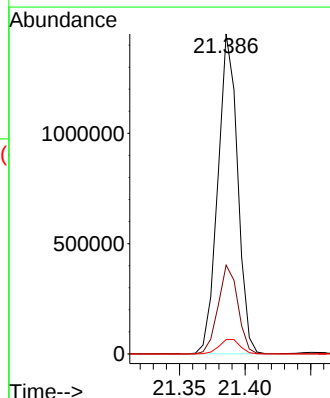
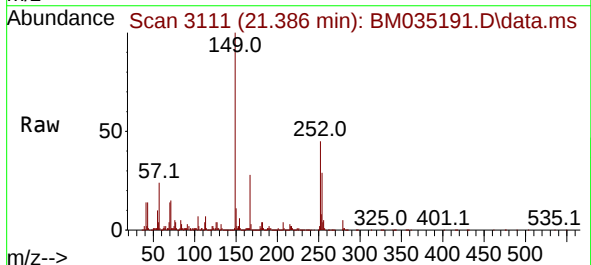
Tgt Ion:149 Resp: 1515880

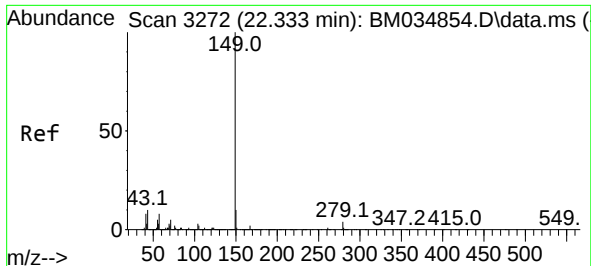
Ion Ratio Lower Upper

149 100

167 27.8 21.1 31.7

279 4.5 2.8 4.2#

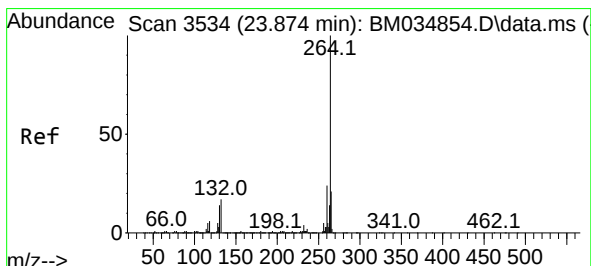
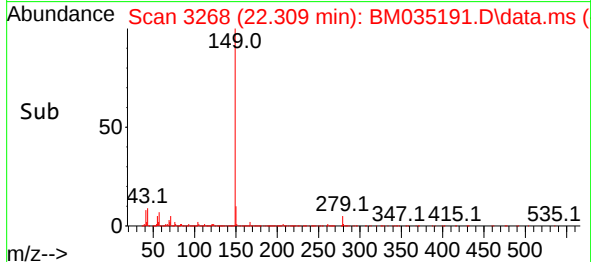
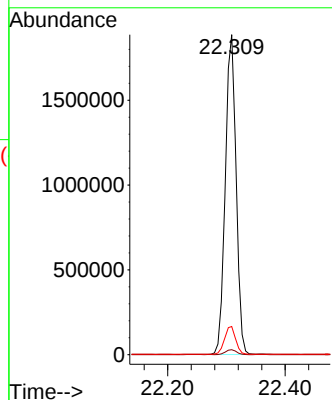
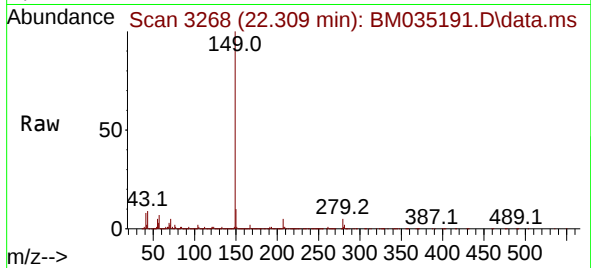




#85
Di-n-octyl phthalate
Concen: 38.603 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

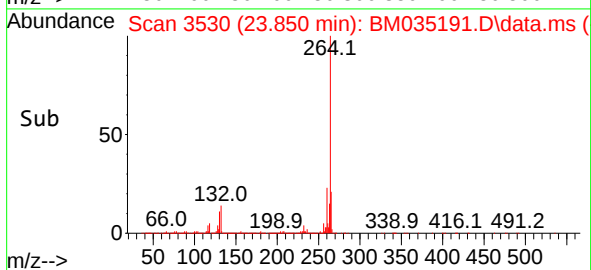
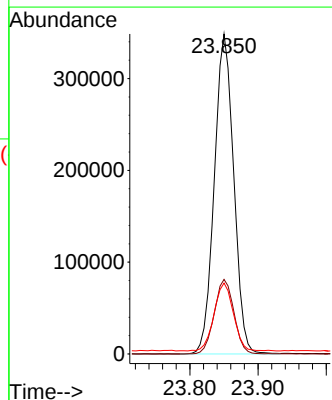
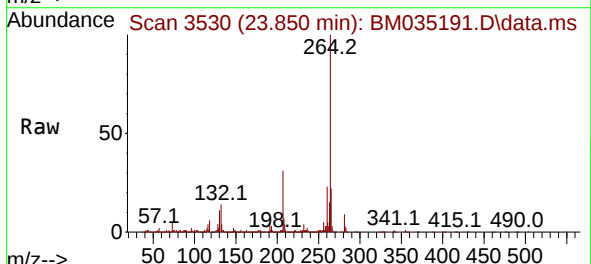
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

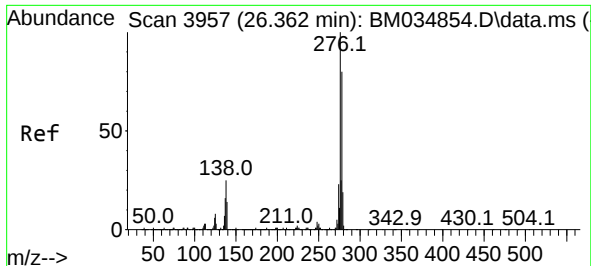
Tgt Ion:149 Resp: 2397750
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.850 min Scan# 3530
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:264 Resp: 691014
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 22.1 17.5 26.3

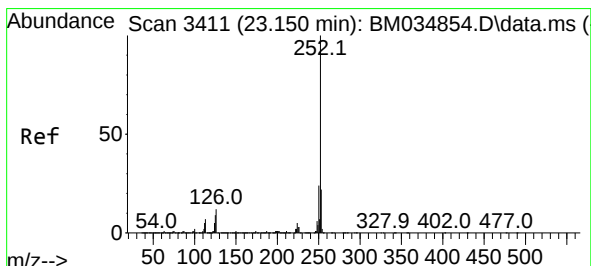
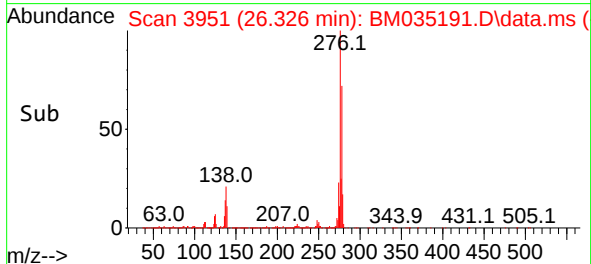
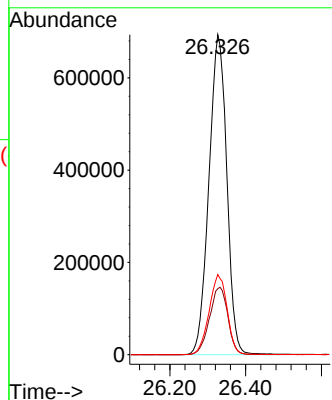
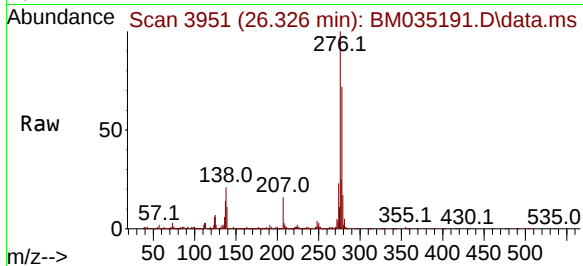




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.138 ng
RT: 26.326 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

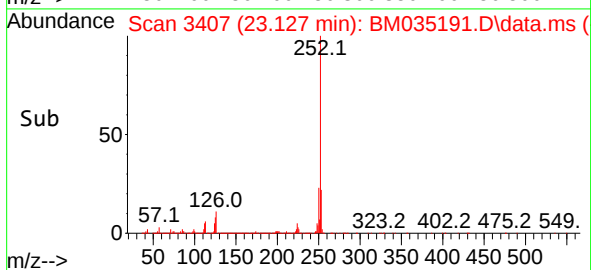
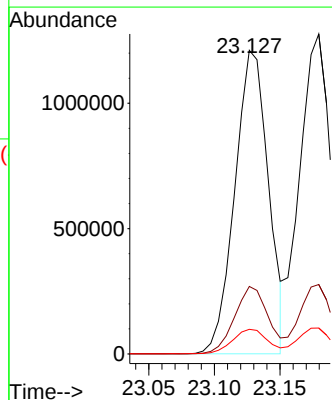
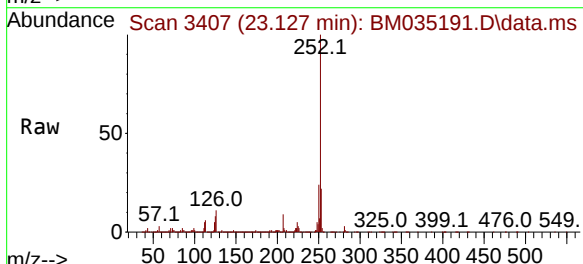
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

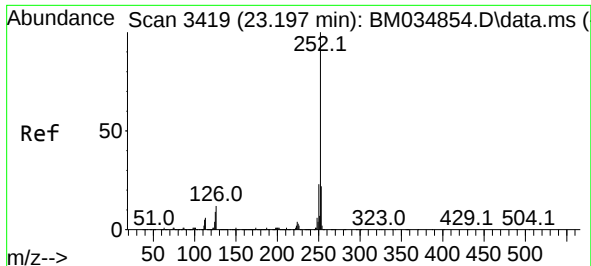
Tgt Ion:276 Resp: 2266337
Ion Ratio Lower Upper
276 100
138 21.8 20.2 30.4
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 49.665 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:252 Resp: 2158515
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 8.1 7.6 11.4

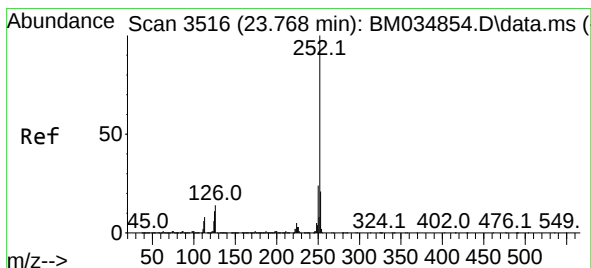
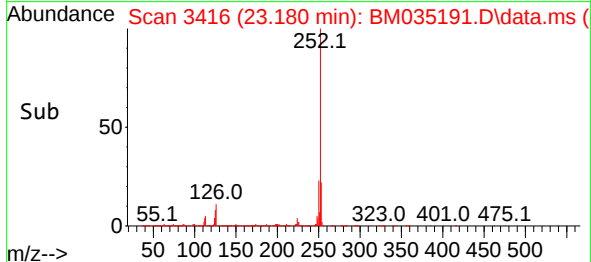
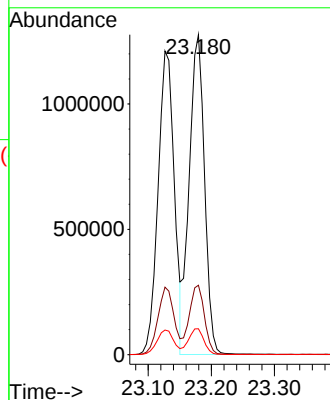
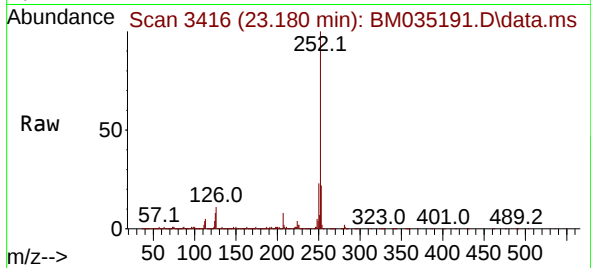




#89
Benzo(k)fluoranthene
Concen: 48.843 ng
RT: 23.180 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

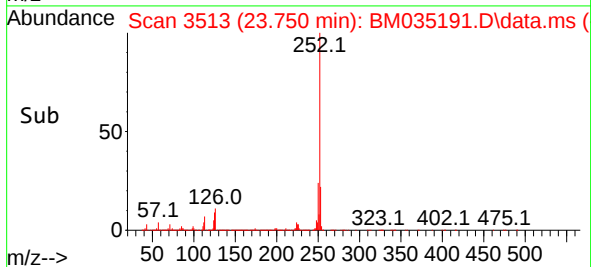
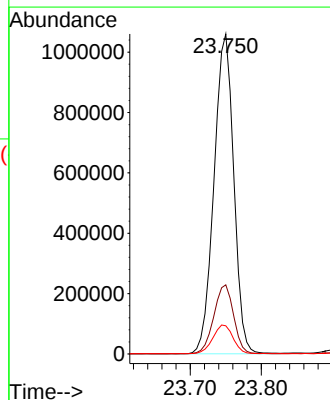
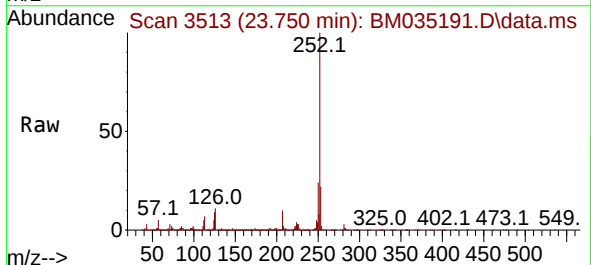
Instrument :
BNA_M
ClientSampleId :
PB144942BSD

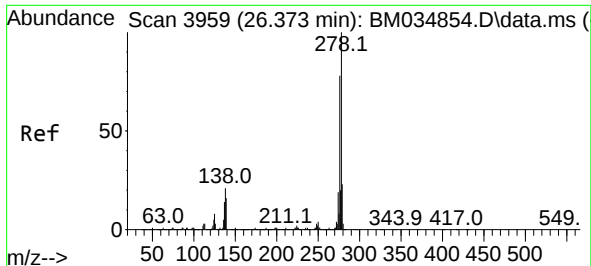
Tgt Ion:252 Resp: 2148885
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 56.440 ng
RT: 23.750 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BM035191.D
Acq: 23 May 2022 13:12

Tgt Ion:252 Resp: 2037915
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.8 8.7 13.1

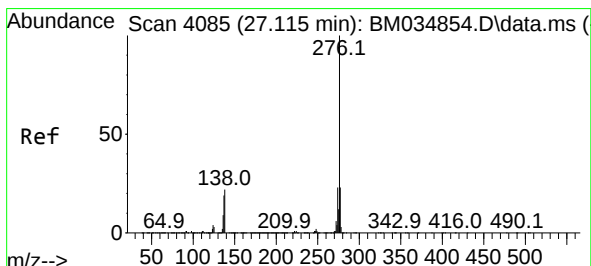
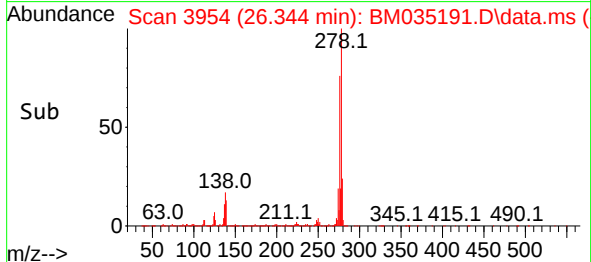
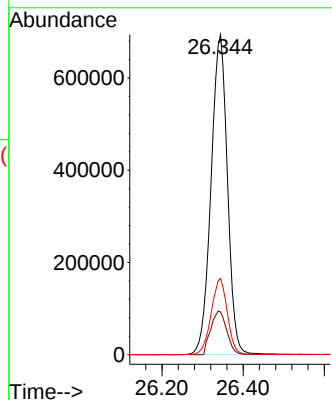
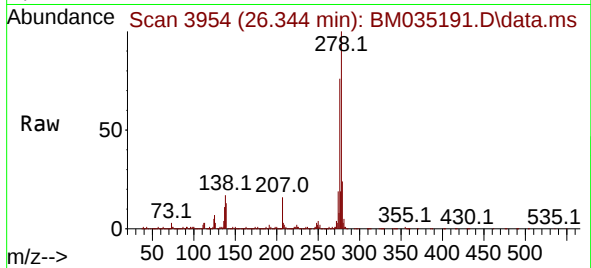




#91
 Dibenzo(a,h)anthracene
 Concen: 44.083 ng
 RT: 26.344 min Scan# 3954
 Delta R.T. -0.006 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB144942BSD

Tgt Ion:278 Resp: 1942719
 Ion Ratio Lower Upper
 278 100
 139 13.4 12.9 19.3
 279 23.9 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 45.050 ng
 RT: 27.085 min Scan# 4080
 Delta R.T. -0.006 min
 Lab File: BM035191.D
 Acq: 23 May 2022 13:12

Tgt Ion:276 Resp: 1907630
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 18.5 17.6 26.4

