

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042508.D
 Acq On : 31 Oct 2023 13:01
 Operator : MA/JU
 Sample : PB156565BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156565BS

Quant Time: Nov 01 01:25:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	103401	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	409530	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	225043	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	411177	20.000	ng	0.00
76) Chrysene-d12	21.503	240	299856	20.000	ng	0.00
86) Perylene-d12	23.921	264	277090	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1005865	156.995	ng	0.00
7) Phenol-d6	7.098	99	1276123	145.230	ng	0.00
23) Nitrobenzene-d5	9.128	82	862533	98.181	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	455014	154.865	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1738888	103.973	ng	0.00
79) Terphenyl-d14	19.939	244	2158181	122.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	106102	34.749	ng	98
3) Pyridine	3.752	79	272862	31.152	ng	99
4) n-Nitrosodimethylamine	3.669	42	200336	47.527	ng	90
6) Aniline	7.275	93	366680	32.829	ng	99
8) 2-Chlorophenol	7.487	128	346336	50.132	ng	99
9) Benzaldehyde	7.093	77	40867	8.070	ng	97
10) Phenol	7.128	94	445257	49.894	ng	98
11) bis(2-Chloroethyl)ether	7.369	93	352699	46.717	ng	98
12) 1,3-Dichlorobenzene	7.804	146	361337	48.395	ng	100
13) 1,4-Dichlorobenzene	7.963	146	373958	49.489	ng	98
14) 1,2-Dichlorobenzene	8.275	146	358503	49.140	ng	98
15) Benzyl Alcohol	8.192	79	329185	52.917	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	558123	46.455	ng	98
17) 2-Methylphenol	8.381	107	290586	45.987	ng	98
18) Hexachloroethane	8.986	117	148844	50.342	ng	96
19) n-Nitroso-di-n-propyla...	8.751	70	291011	46.817	ng	98
20) 3+4-Methylphenols	8.716	107	384122	45.468	ng	96
22) Acetophenone	8.781	105	529502	51.266	ng	# 99
24) Nitrobenzene	9.175	77	429365	49.621	ng	97
25) Isophorone	9.686	82	756077	48.624	ng	99
26) 2-Nitrophenol	9.869	139	181768	49.296	ng	98
27) 2,4-Dimethylphenol	9.916	122	268729	45.175	ng	94
28) bis(2-Chloroethoxy)met...	10.169	93	463559	49.484	ng	100
29) 2,4-Dichlorophenol	10.392	162	319185	54.229	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	344349	53.384	ng	99
31) Naphthalene	10.798	128	1036906	49.006	ng	99
32) Benzoic acid	10.086	122	227311	47.070	ng	95
33) 4-Chloroaniline	10.939	127	135459	16.419	ng	98
34) Hexachlorobutadiene	11.022	225	214728	54.829	ng	99
35) Caprolactam	11.798	113	89419	43.239	ng	97
36) 4-Chloro-3-methylphenol	12.045	107	327433	48.882	ng	98
37) 2-Methylnaphthalene	12.398	142	681207	45.715	ng	98
38) 1-Methylnaphthalene	12.622	142	665340	47.437	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	383758	57.081	ng	100
41) Hexachlorocyclopentadiene	12.698	237	504330	121.690	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	244760	56.840	ng	97

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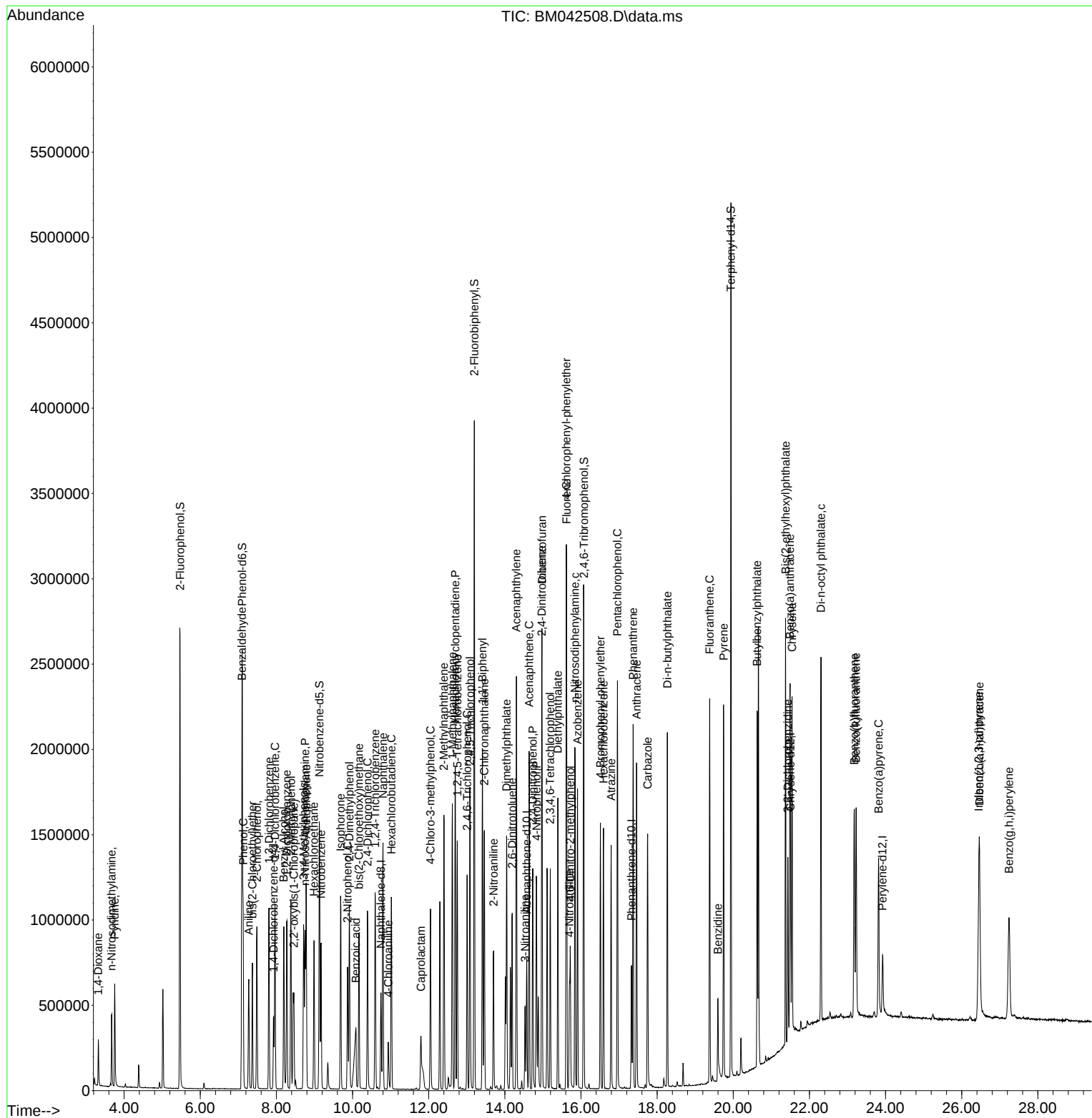
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	264030	51.526	ng	96
46) 1,1'-Biphenyl	13.410	154	909974	52.897	ng	99
47) 2-Chloronaphthalene	13.463	162	680737	53.941	ng	99
48) 2-Nitroaniline	13.704	65	227385	44.973	ng	94
49) Acenaphthylene	14.304	152	1106369	52.935	ng	100
50) Dimethylphthalate	14.045	163	807661	48.018	ng	99
51) 2,6-Dinitrotoluene	14.192	165	171317	49.421	ng	95
52) Acenaphthene	14.639	154	624094	49.201	ng	99
53) 3-Nitroaniline	14.533	138	105691	29.075	ng	99
54) 2,4-Dinitrophenol	14.733	184	227172	91.157	ng	99
55) Dibenzofuran	14.974	168	1012751	49.106	ng	99
56) 4-Nitrophenol	14.833	139	264849	83.725	ng	96
57) 2,4-Dinitrotoluene	14.968	165	229197	43.992	ng	98
58) Fluorene	15.621	166	812914	48.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	219191	50.786	ng	99
60) Diethylphthalate	15.392	149	803937	47.179	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	428327	50.809	ng	97
62) 4-Nitroaniline	15.698	138	132956	39.453	ng	95
63) Azobenzene	15.910	77	914933	48.724	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	128813	48.643	ng	97
66) n-Nitrosodiphenylamine	15.839	169	659583	56.891	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	242755	59.043	ng	98
68) Hexachlorobenzene	16.592	284	274482	60.345	ng	96
69) Atrazine	16.792	200	218950	65.358	ng	99
70) Pentachlorophenol	16.957	266	372031	111.254	ng	98
71) Phenanthrene	17.368	178	1139834	53.046	ng	100
72) Anthracene	17.462	178	1125066	52.861	ng	100
73) Carbazole	17.751	167	943822	54.511	ng	100
74) Di-n-butylphthalate	18.268	149	1291865	53.131	ng	99
75) Fluoranthene	19.380	202	1213417	48.073	ng	99
77) Benzidine	19.598	184	347519	120.821	ng	100
78) Pyrene	19.745	202	1248845	60.653	ng	100
80) Butylbenzylphthalate	20.627	149	510915	58.097	ng	99
81) Benzo(a)anthracene	21.492	228	1018901	53.406	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	328785	54.224	ng	98
83) Chrysene	21.544	228	970904	50.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	741380	55.782	ng	100
85) Di-n-octyl phthalate	22.303	149	1201054	52.501	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	949363	57.566	ng	96
88) Benzo(b)fluoranthene	23.180	252	886834	57.448	ng	100
89) Benzo(k)fluoranthene	23.227	252	866477	50.371	ng	99
90) Benzo(a)pyrene	23.815	252	751361	49.437	ng	98
91) Dibenzo(a,h)anthracene	26.468	278	792219	51.687	ng	97
92) Benzo(g,h,i)perylene	27.244	276	814544	56.040	ng	97

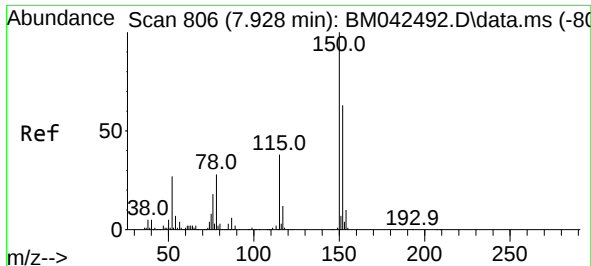
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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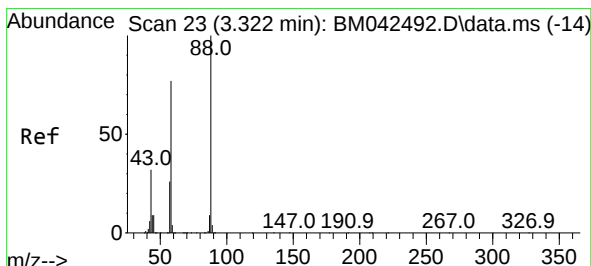
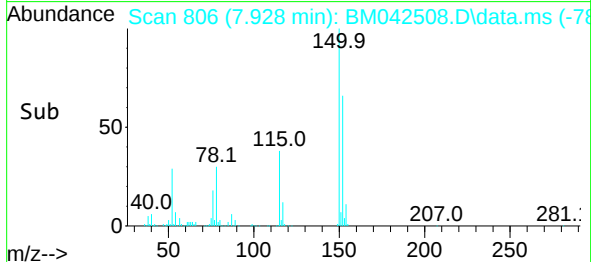
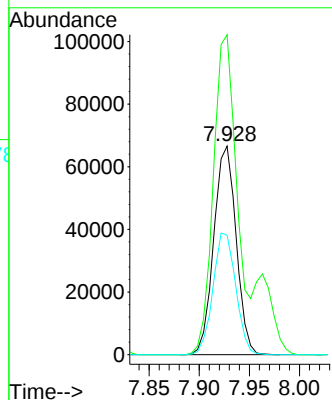
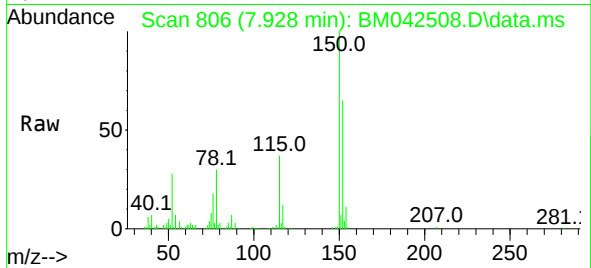




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

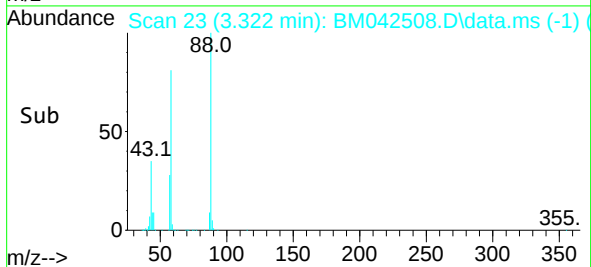
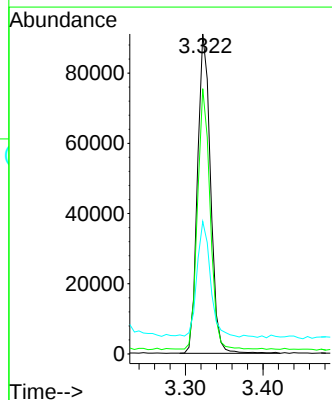
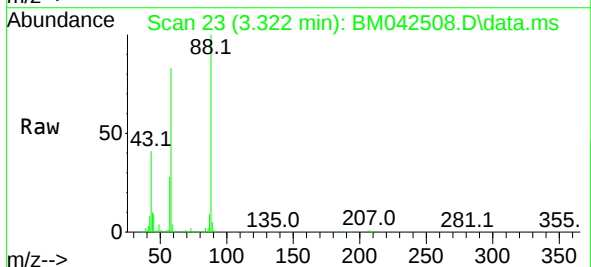
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BNA_M
ClientSampleId :
PB156565BS

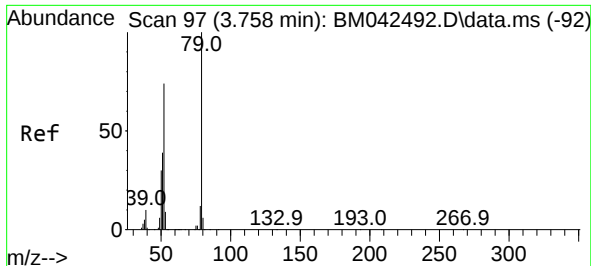
Tgt Ion:152 Resp: 103401
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 57.4 47.9 71.9



#2
1,4-Dioxane
Concen: 34.749 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 88 Resp: 106102
Ion Ratio Lower Upper
88 100
58 78.4 62.6 93.8
43 36.9 26.5 39.7





#3

Pyridine

Concen: 31.152 ng

RT: 3.752 min Scan# 90

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

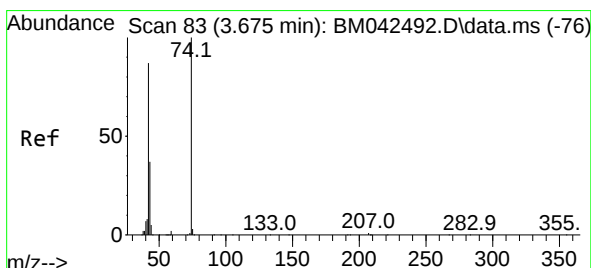
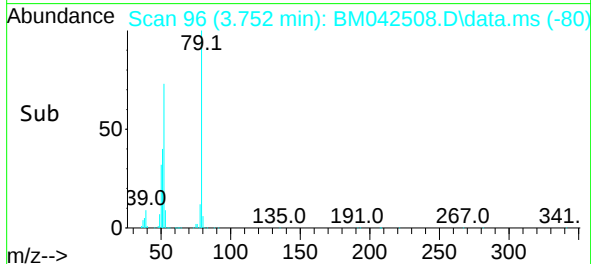
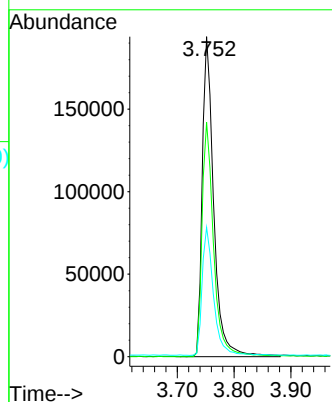
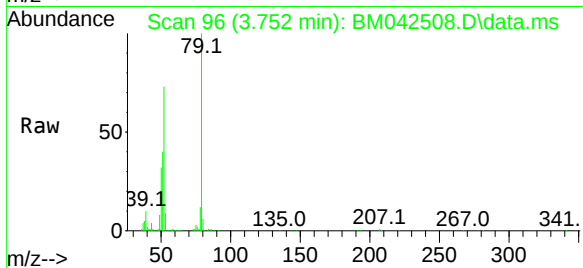
BNA_M

ClientSampleId :

PB156565BS

Tgt Ion: 79 Resp: 272862

Ion	Ratio	Lower	Upper
79	100		
52	73.3	59.3	88.9
51	40.4	32.7	49.1



#4

n-Nitrosodimethylamine

Concen: 47.527 ng

RT: 3.669 min Scan# 82

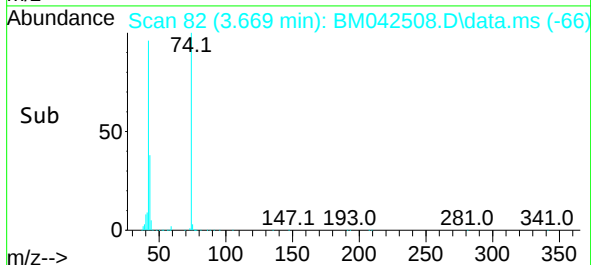
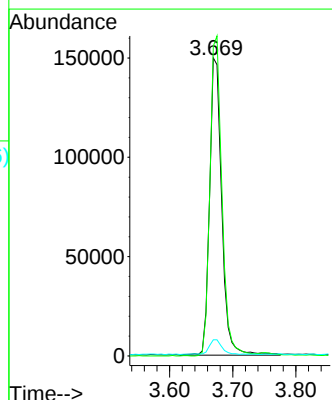
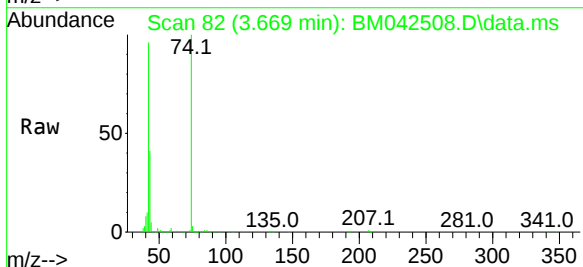
Delta R.T. -0.006 min

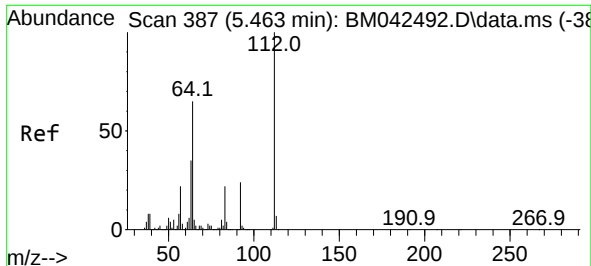
Lab File: BM042508.D

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Tgt Ion: 42 Resp: 200336

Ion	Ratio	Lower	Upper
42	100		
74	104.0	92.2	138.2
44	5.5	5.1	7.7

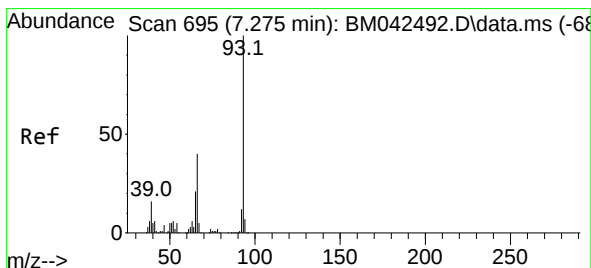
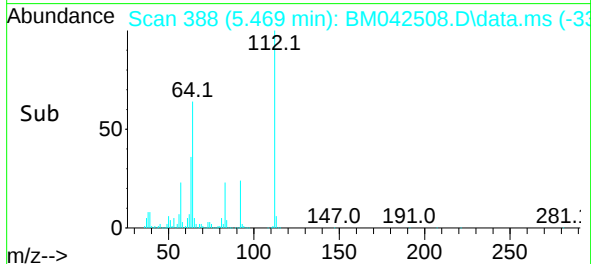
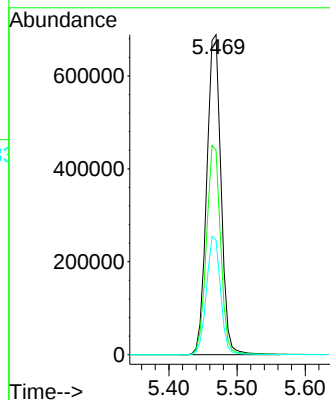
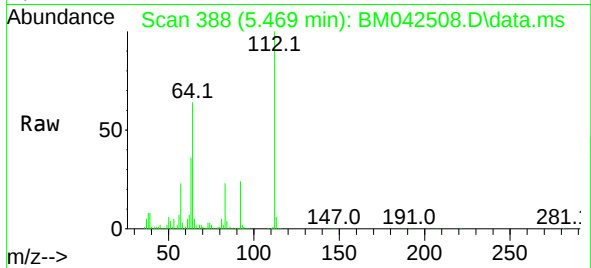




#5
2-Fluorophenol
Concen: 156.995 ng
RT: 5.469 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

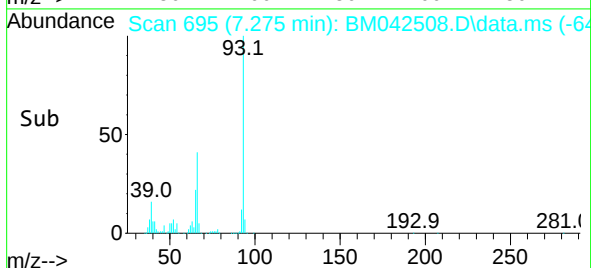
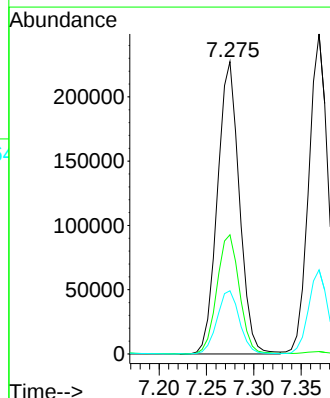
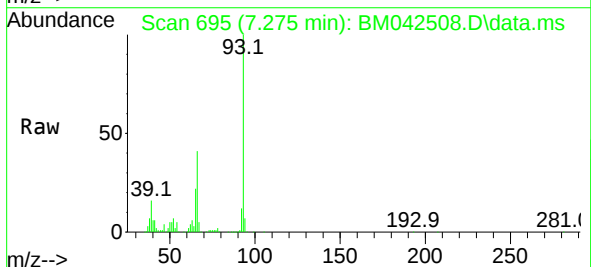
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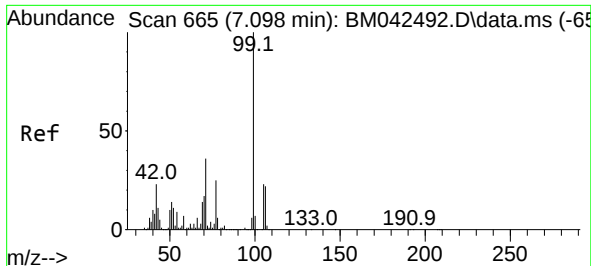
Tgt Ion:112 Resp: 1005865
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 35.8 28.3 42.5



#6
Aniline
Concen: 32.829 ng
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 93 Resp: 366680
Ion Ratio Lower Upper
93 100
66 40.8 32.2 48.2
65 21.6 17.0 25.6



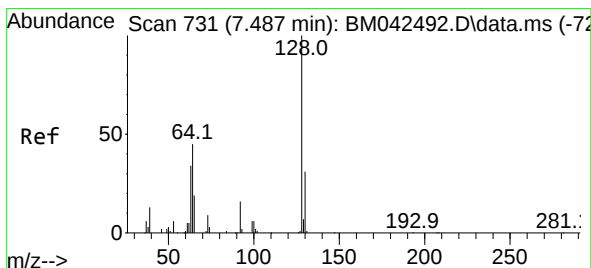
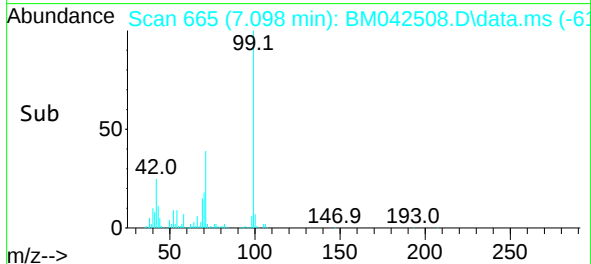
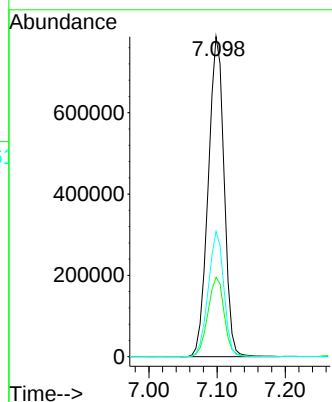
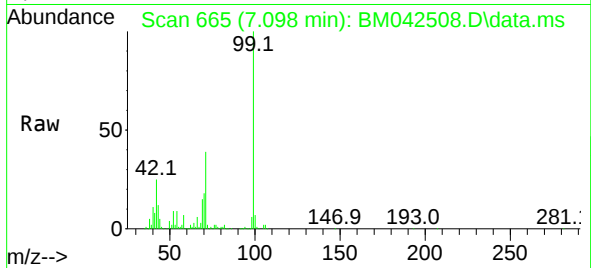


#7
Phenol-d6
Concen: 145.230 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
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Tgt Ion: 99 Resp: 1276123

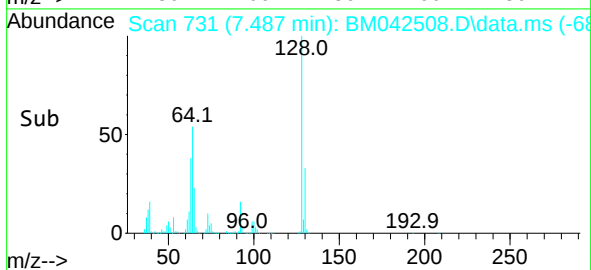
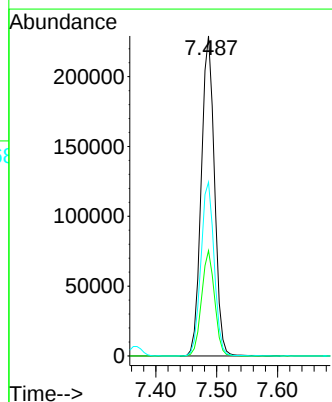
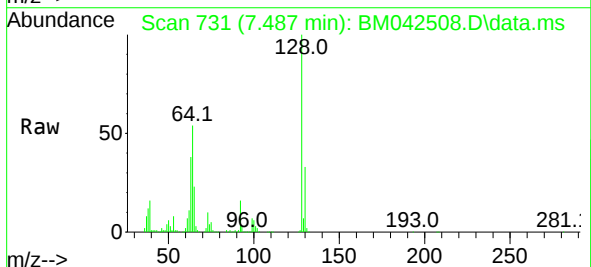
Ion	Ratio	Lower	Upper
99	100		
42	24.8	18.7	28.1
71	39.1	29.1	43.7

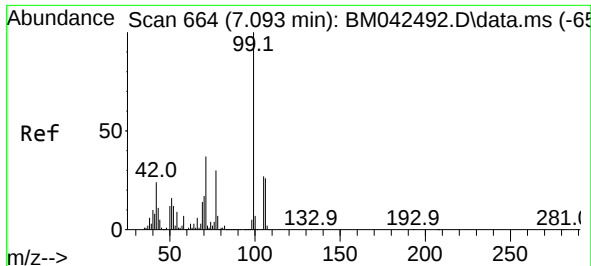


#8
2-Chlorophenol
Concen: 50.132 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 128 Resp: 346336

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.2	51.2
64	54.3	34.4	74.4

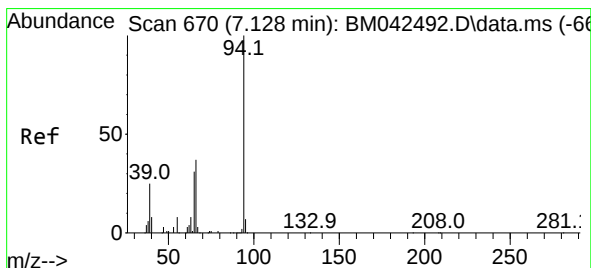
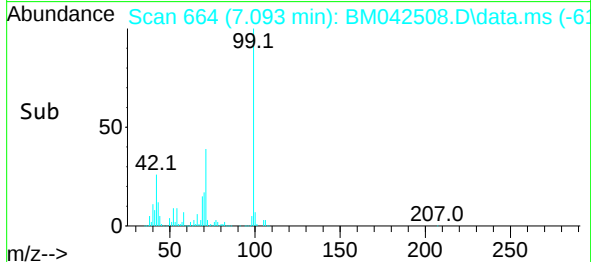
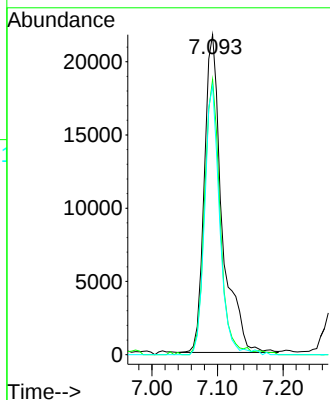
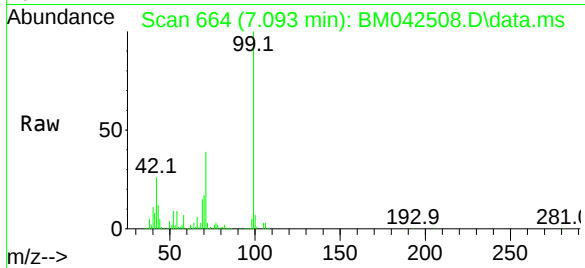




#9
Benzaldehyde
Concen: 8.070 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM042508.D
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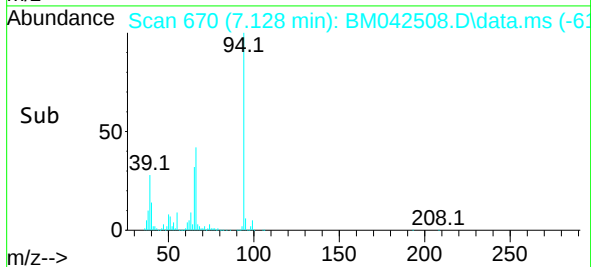
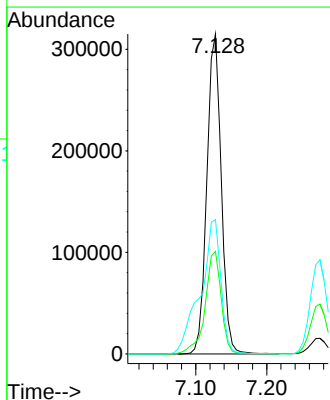
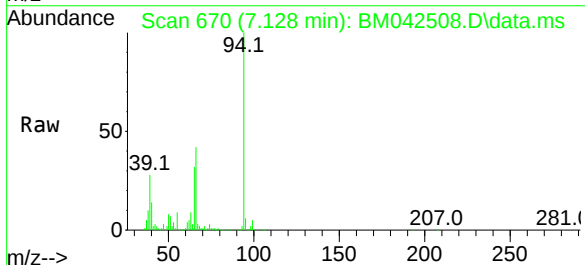
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ClientSampleId :
PB156565BS

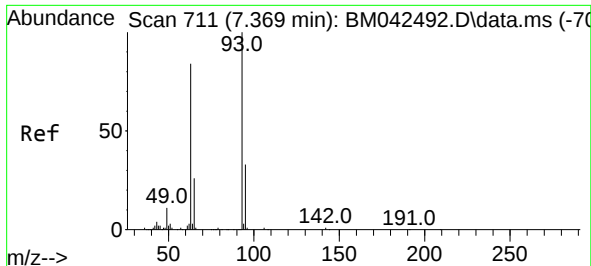
Tgt Ion: 77 Resp: 40867
Ion Ratio Lower Upper
77 100
105 86.0 69.7 109.7
106 84.1 66.4 106.4



#10
Phenol
Concen: 49.894 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 94 Resp: 445257
Ion Ratio Lower Upper
94 100
65 32.0 11.5 51.5
66 42.0 20.0 60.0

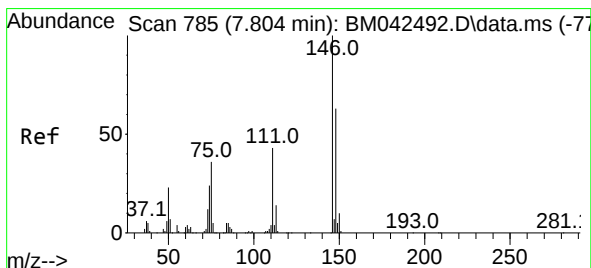
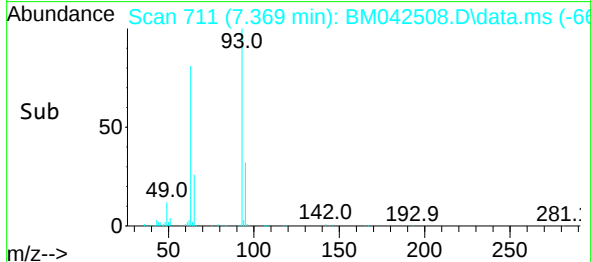
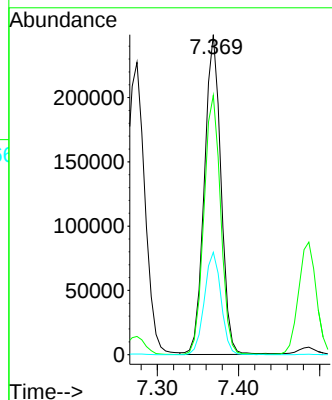
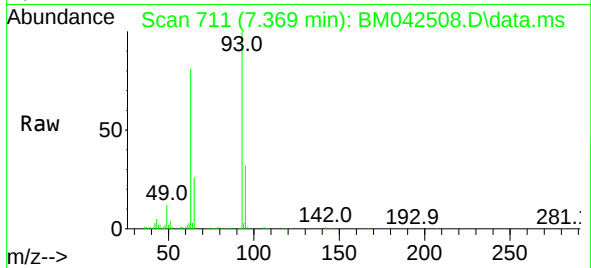




#11
bis(2-Chloroethyl)ether
Concen: 46.717 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

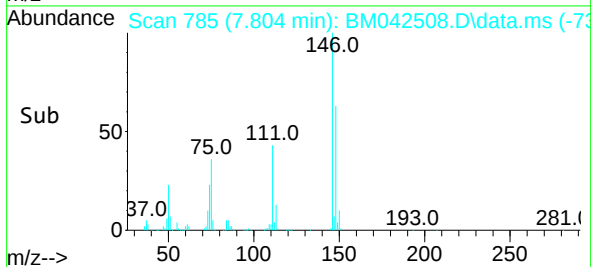
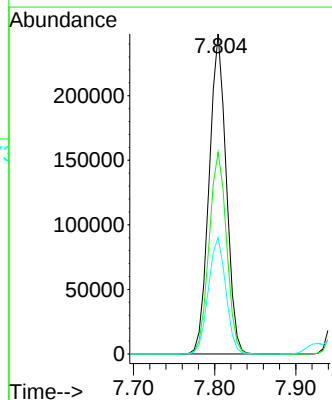
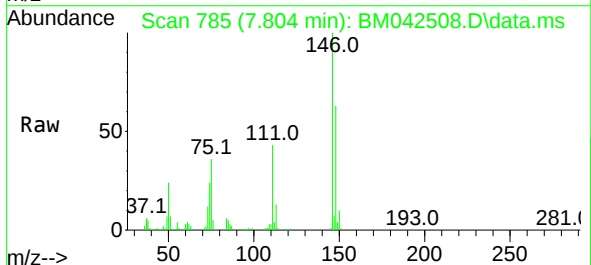
Instrument :
BNA_M
ClientSampleId :
PB156565BS

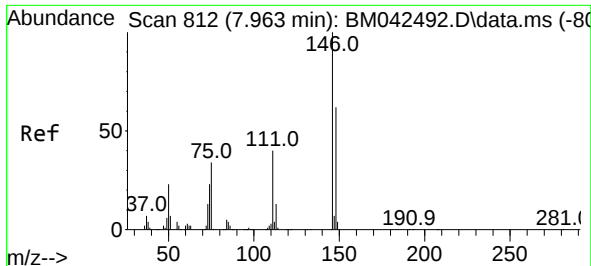
Tgt Ion: 93 Resp: 352699
Ion Ratio Lower Upper
93 100
63 81.0 63.2 103.2
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.395 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:146 Resp: 361337
Ion Ratio Lower Upper
146 100
148 63.1 50.4 75.6
75 36.4 28.9 43.3

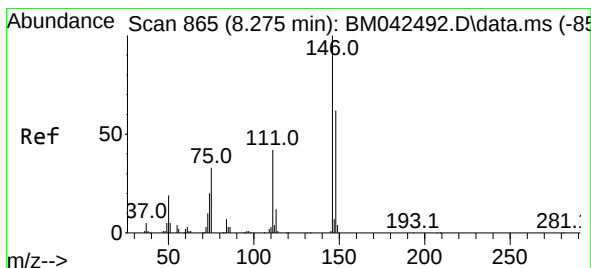
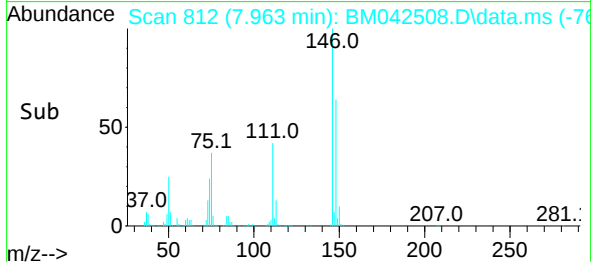
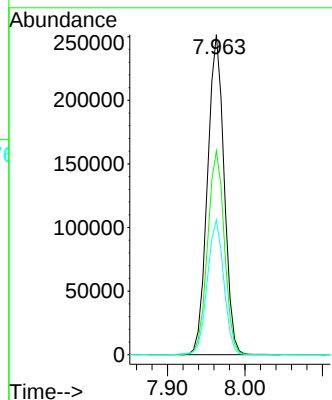
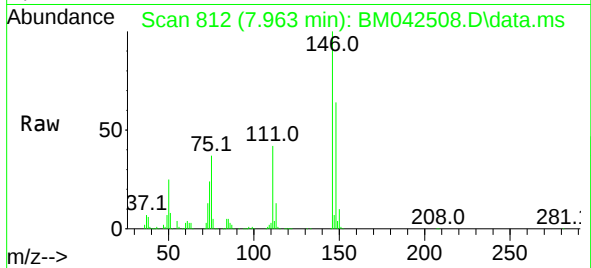




#13
1,4-Dichlorobenzene
Concen: 49.489 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

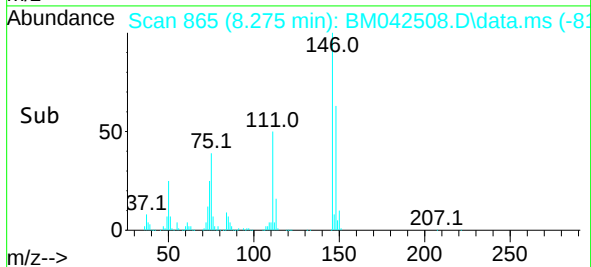
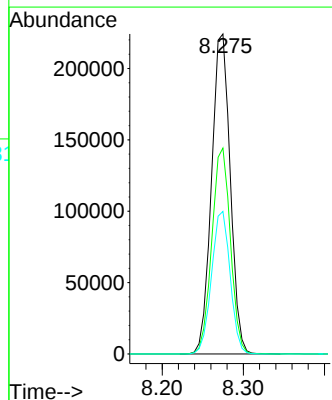
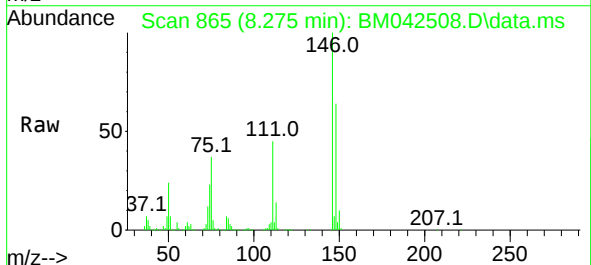
Instrument :
BNA_M
ClientSampleId :
PB156565BS

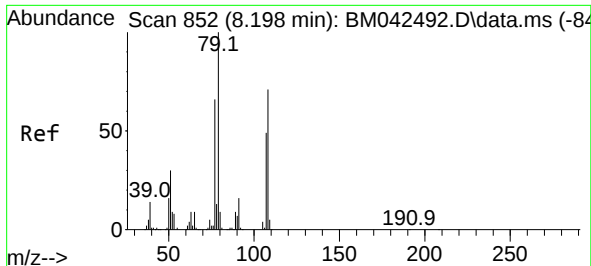
Tgt Ion:146 Resp: 373958
Ion Ratio Lower Upper
146 100
148 63.7 50.0 75.0
111 42.1 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 49.140 ng
RT: 8.275 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:146 Resp: 358503
Ion Ratio Lower Upper
146 100
148 64.3 50.0 75.0
111 44.6 34.5 51.7

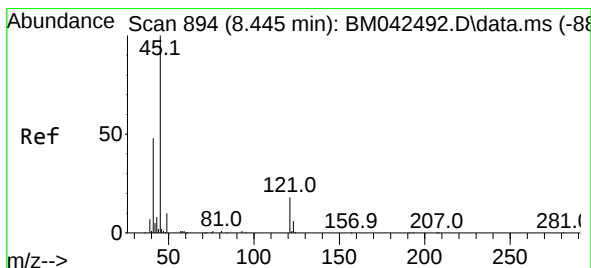
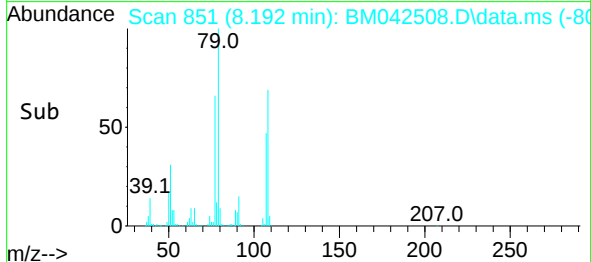
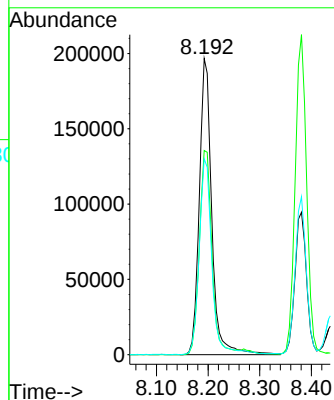
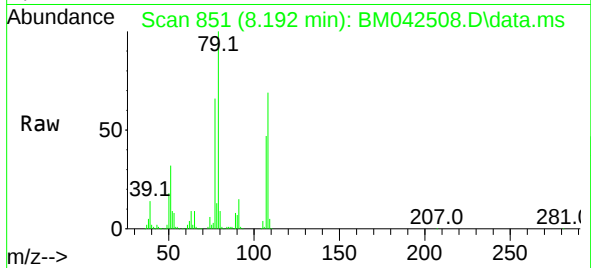




#15
Benzyl Alcohol
Concen: 52.917 ng
RT: 8.192 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

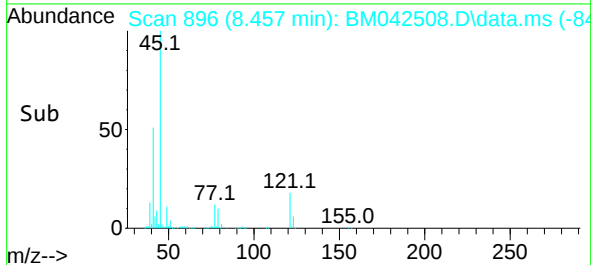
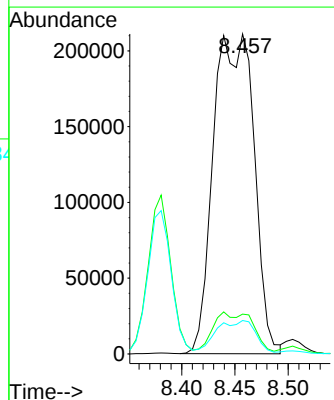
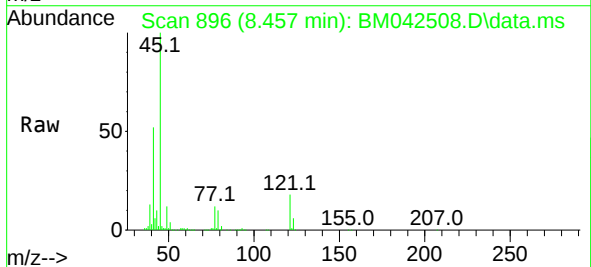
Instrument :
BNA_M
ClientSampleId :
PB156565BS

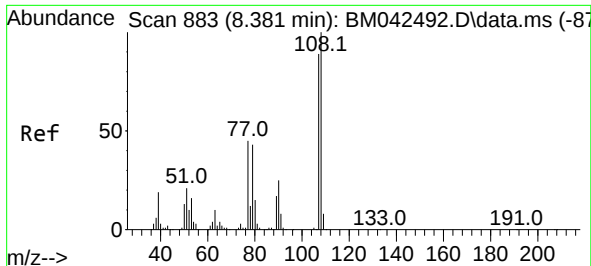
Tgt Ion: 79 Resp: 329185
Ion Ratio Lower Upper
79 100
108 69.0 56.8 85.2
77 66.1 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.455 ng
RT: 8.457 min Scan# 896
Delta R.T. 0.012 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 45 Resp: 558123
Ion Ratio Lower Upper
45 100
77 12.5 0.0 33.0
79 10.5 0.0 29.5





#17

2-Methylphenol

Concen: 45.987 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BM042508.D

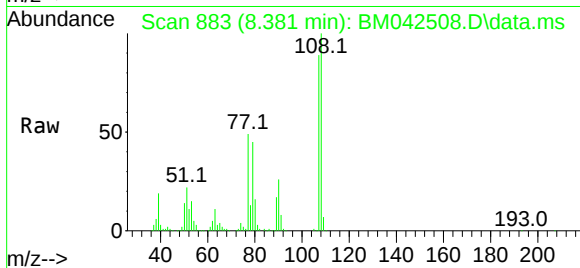
Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS



Tgt Ion:107 Resp: 290586

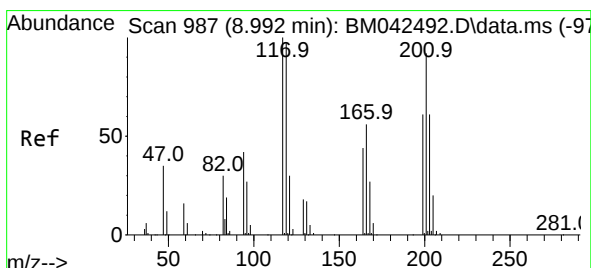
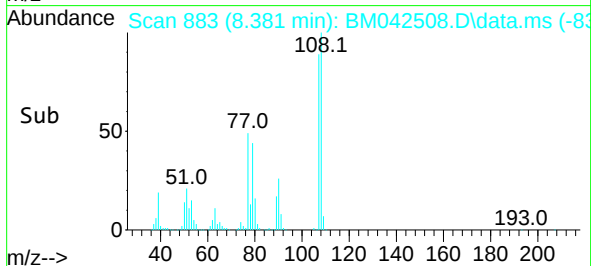
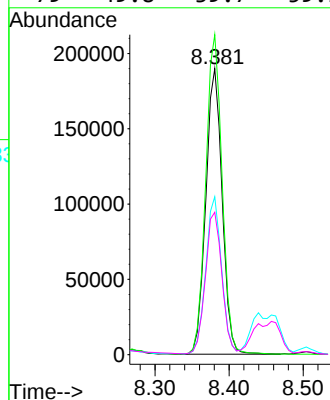
Ion Ratio Lower Upper

107 100

108 111.9 90.4 135.6

77 55.2 40.6 60.8

79 49.8 39.7 59.5



#18

Hexachloroethane

Concen: 50.342 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

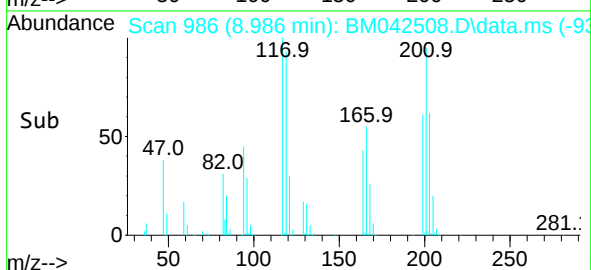
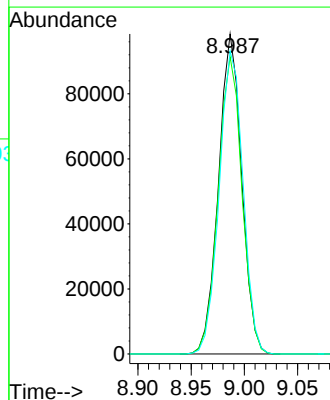
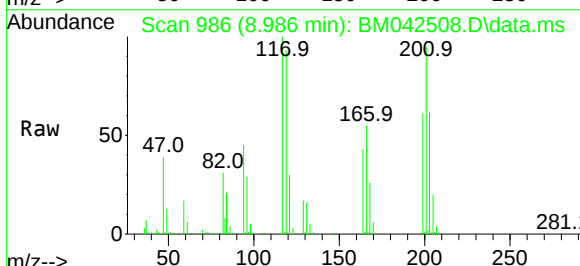
Tgt Ion:117 Resp: 148844

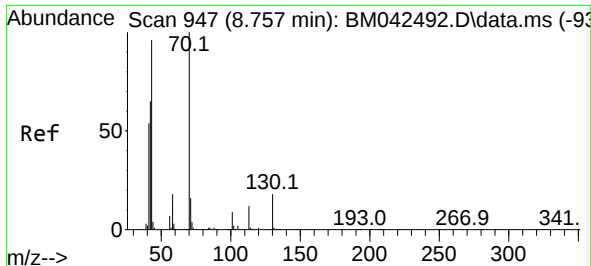
Ion Ratio Lower Upper

117 100

119 92.9 77.9 116.9

201 94.7 73.7 110.5



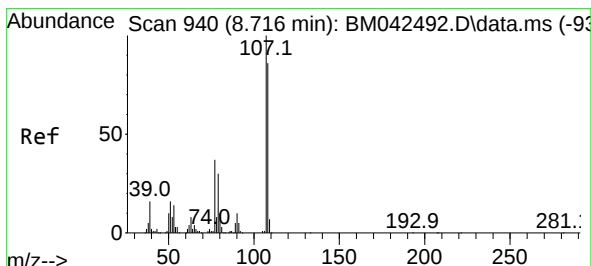
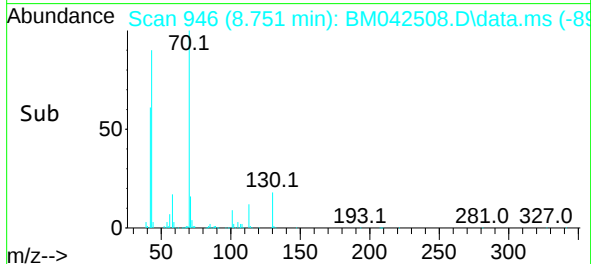
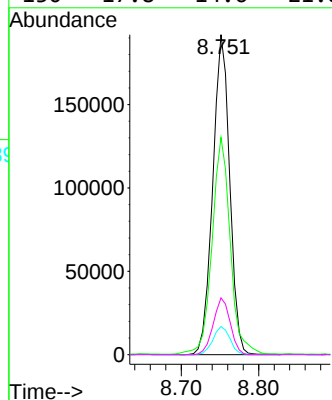
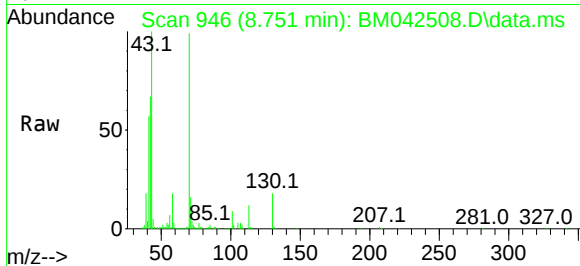


#19
n-Nitroso-di-n-propylamine
Concen: 46.817 ng
RT: 8.751 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Instrument :
BNA_M
ClientSampleId :
PB156565BS

Tgt Ion: 70 Resp: 291011

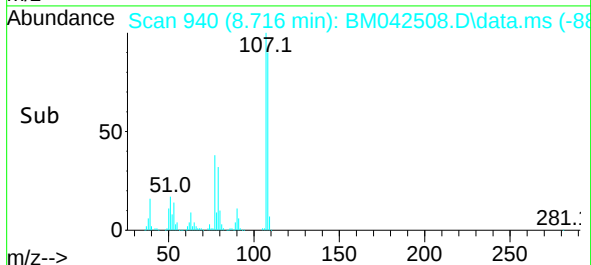
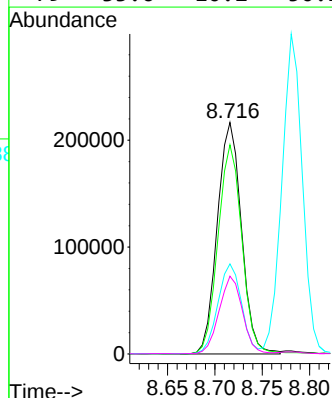
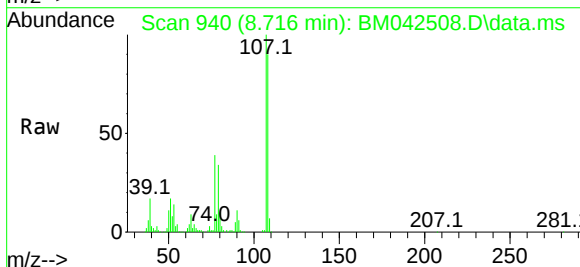
Ion	Ratio	Lower	Upper
70	100		
42	67.9	52.5	78.7
101	8.8	7.0	10.4
130	17.8	14.6	21.8

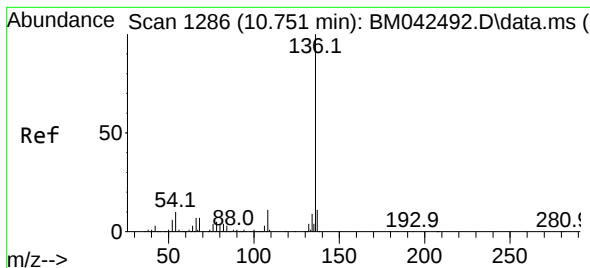


#20
3+4-Methylphenols
Concen: 45.468 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 107 Resp: 384122

Ion	Ratio	Lower	Upper
107	100		
108	90.3	66.4	106.4
77	38.9	17.6	57.6
79	33.6	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.745 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion:136 Resp: 409530

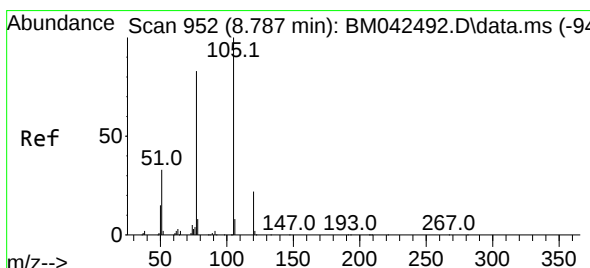
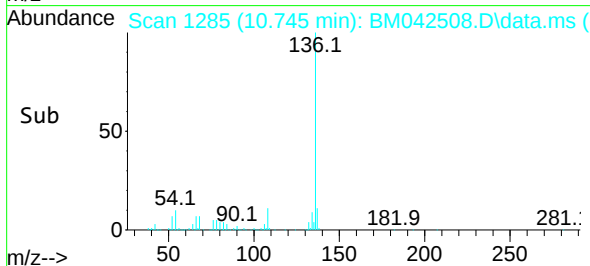
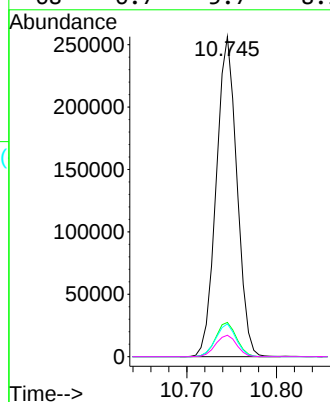
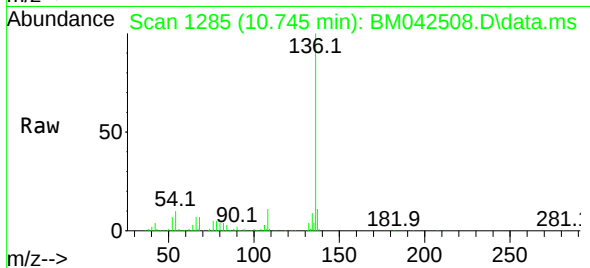
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 10.3 8.0 12.0

68 6.7 5.7 8.5



#22

Acetophenone

Concen: 51.266 ng

RT: 8.781 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Tgt Ion:105 Resp: 529502

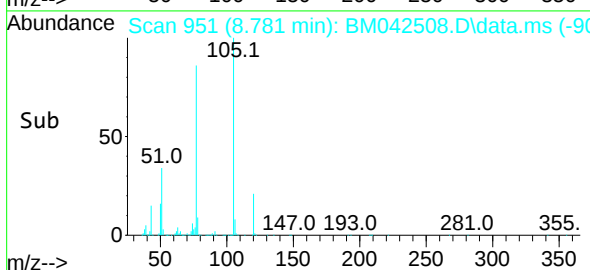
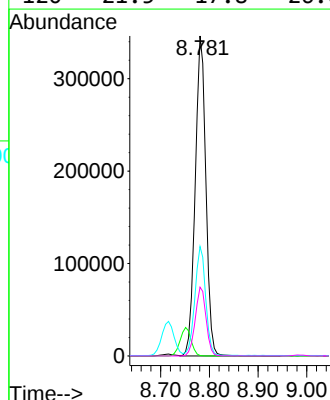
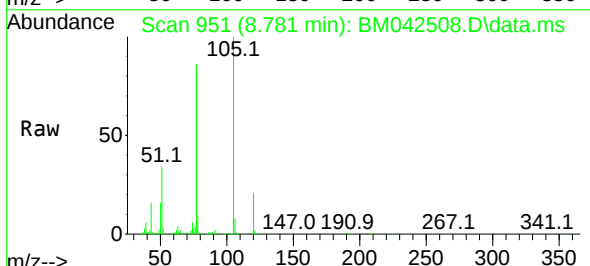
Ion Ratio Lower Upper

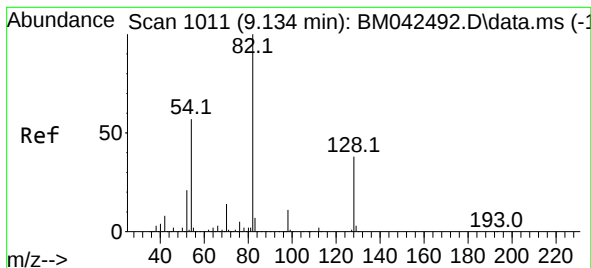
105 100

71 0.1 0.2 0.2#

51 34.2 27.6 41.4

120 21.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 98.181 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

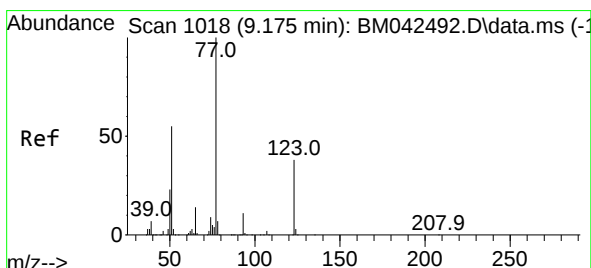
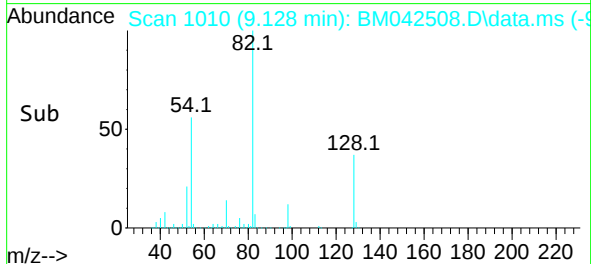
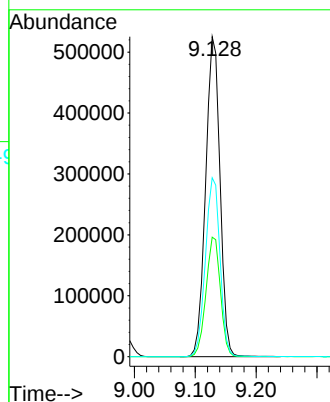
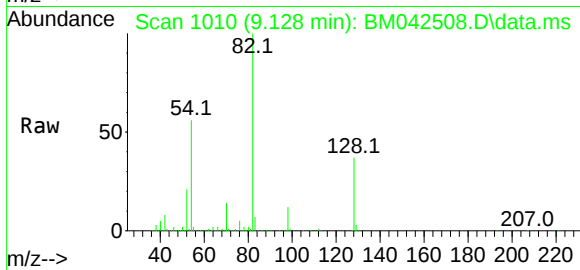
Tgt Ion: 82 Resp: 862533

Ion Ratio Lower Upper

82 100

128 37.4 30.7 46.1

54 55.9 45.3 67.9



#24

Nitrobenzene

Concen: 49.621 ng

RT: 9.175 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

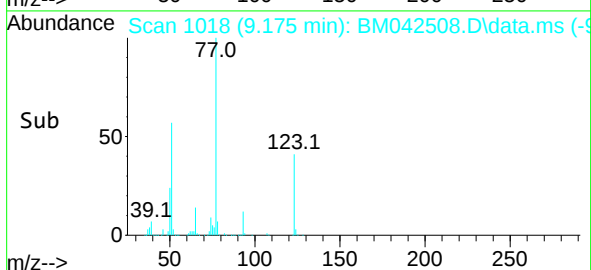
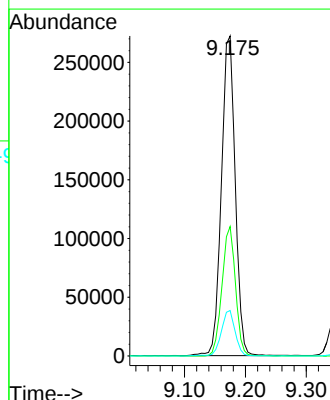
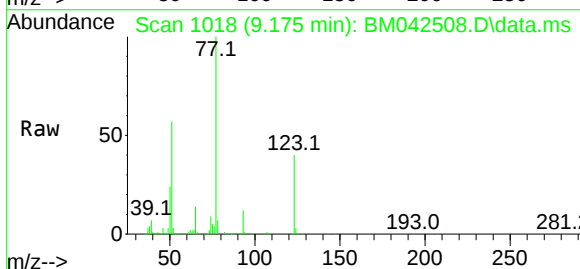
Tgt Ion: 77 Resp: 429365

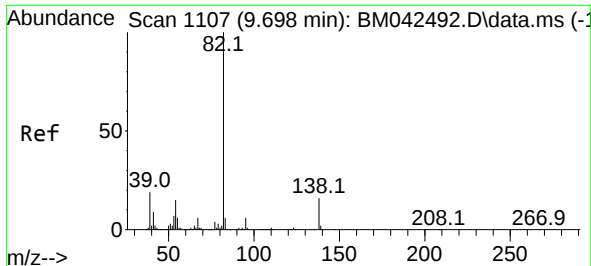
Ion Ratio Lower Upper

77 100

123 40.5 30.6 46.0

65 14.2 10.8 16.2

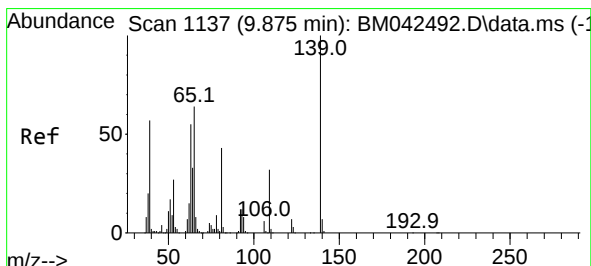
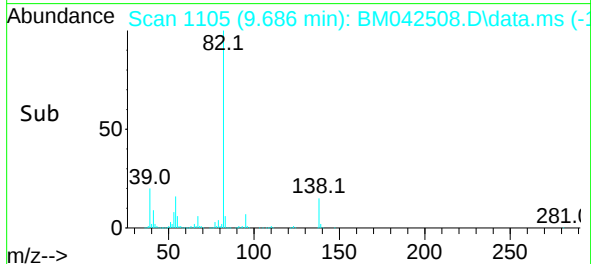
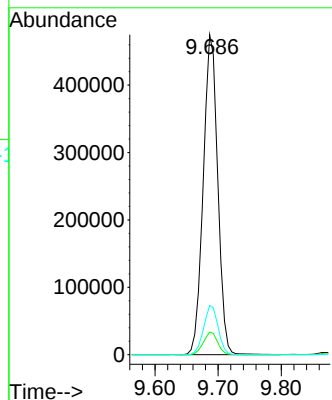
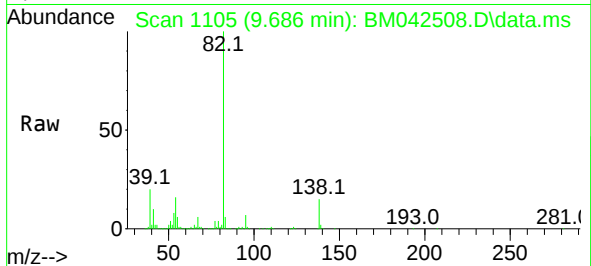




#25
Isophorone
Concen: 48.624 ng
RT: 9.686 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

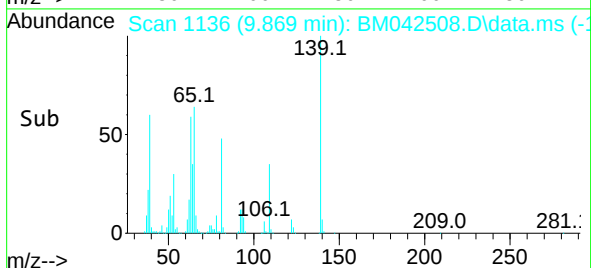
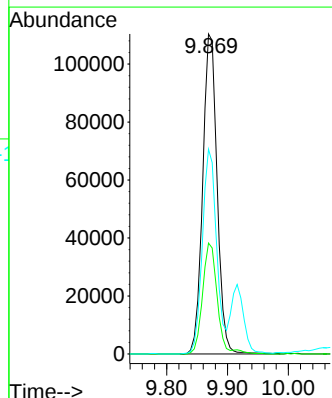
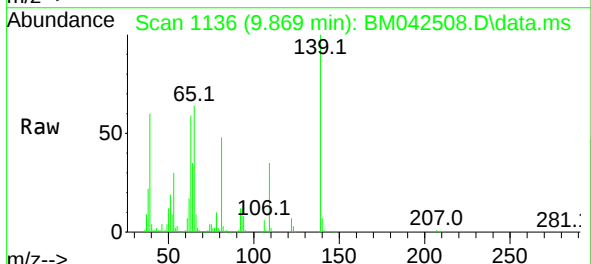
Instrument :
BNA_M
ClientSampleId :
PB156565BS

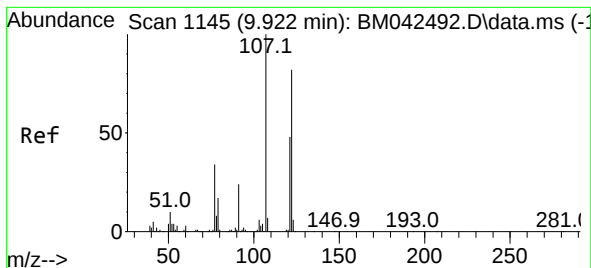
Tgt Ion: 82 Resp: 756077
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 15.4 12.6 18.8



#26
2-Nitrophenol
Concen: 49.296 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:139 Resp: 181768
Ion Ratio Lower Upper
139 100
109 34.6 25.2 37.8
65 64.0 51.4 77.0

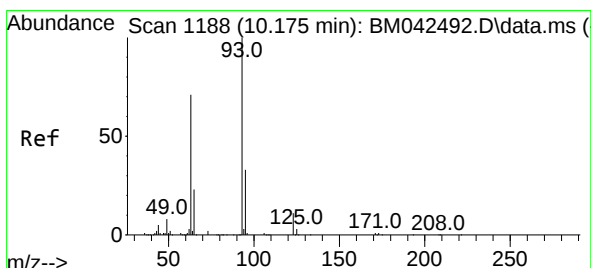
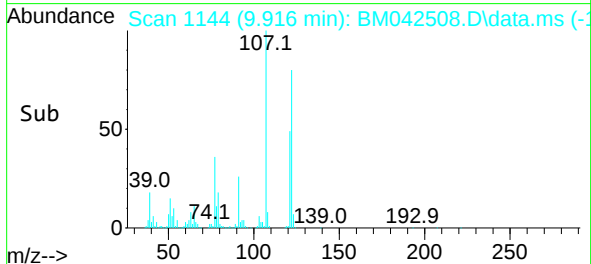
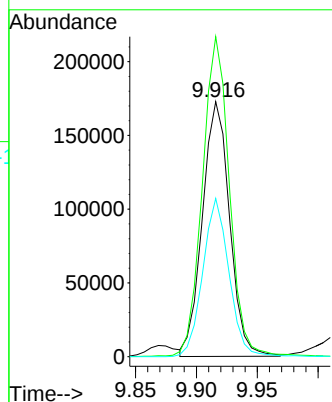
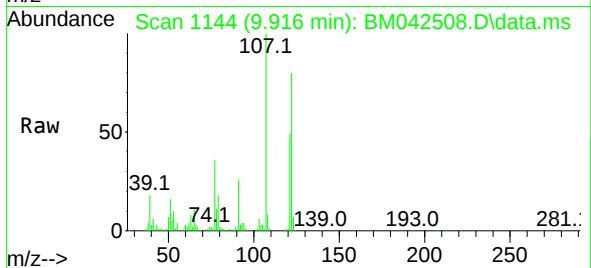




#27
2,4-Dimethylphenol
Concen: 45.175 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

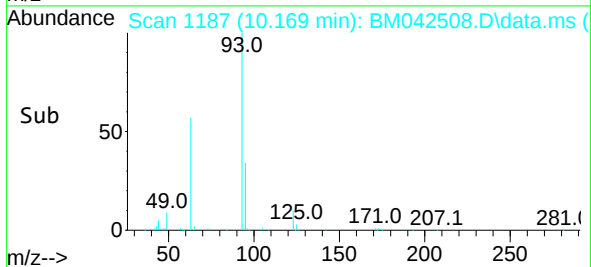
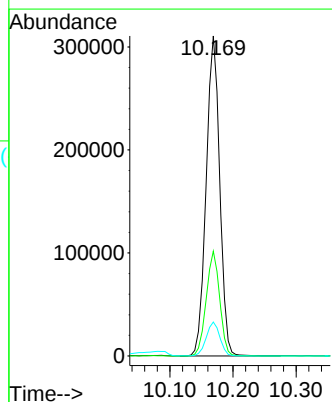
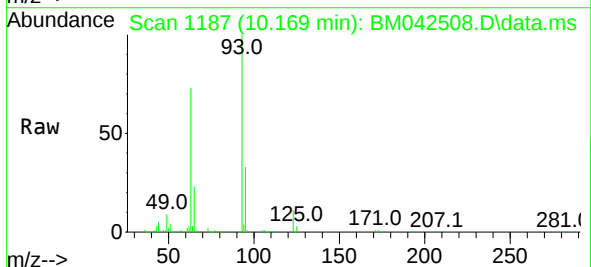
Instrument :
BNA_M
ClientSampleId :
PB156565BS

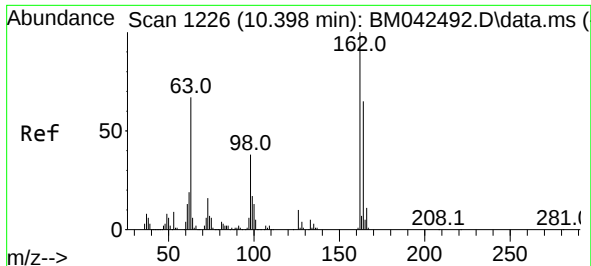
Tgt Ion:122 Resp: 268729
Ion Ratio Lower Upper
122 100
107 125.5 95.4 143.2
121 62.0 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.484 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion: 93 Resp: 463559
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.229 ng

RT: 10.392 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

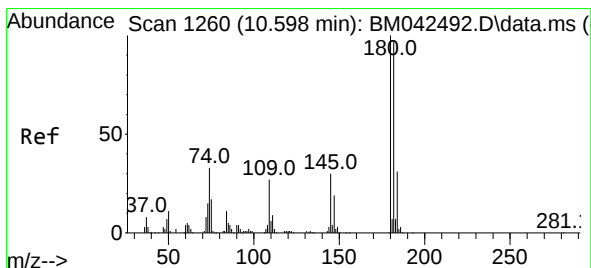
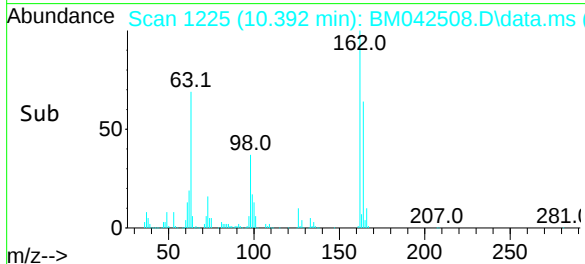
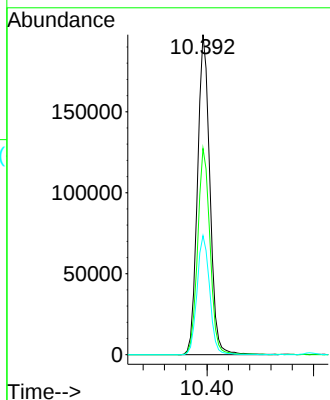
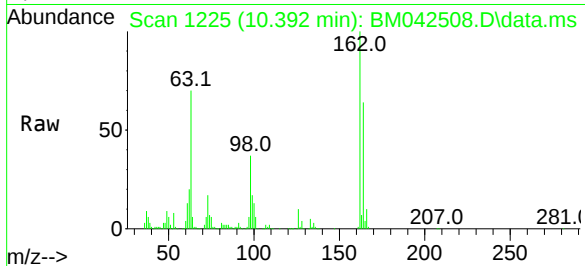
Tgt Ion:162 Resp: 319185

Ion Ratio Lower Upper

162 100

164 64.4 44.9 84.9

98 37.2 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 53.384 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

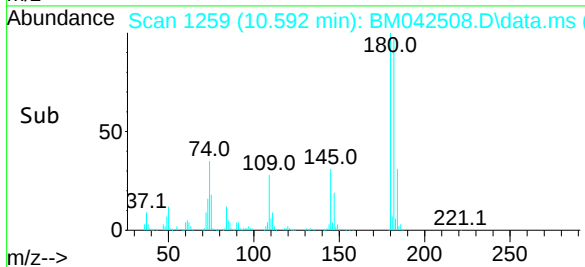
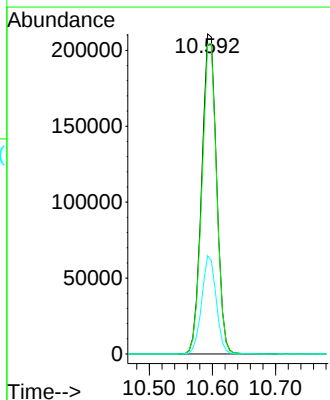
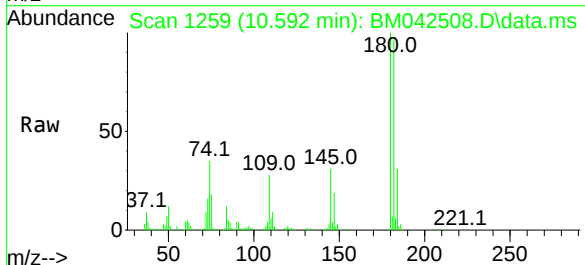
Tgt Ion:180 Resp: 344349

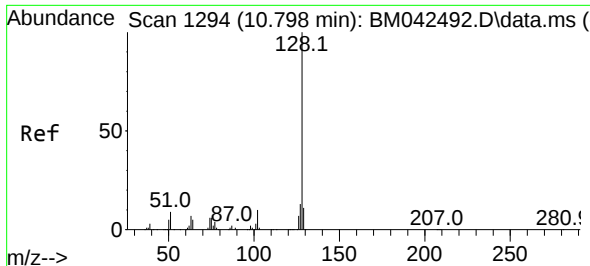
Ion Ratio Lower Upper

180 100

182 96.7 77.8 116.8

145 30.7 24.4 36.6

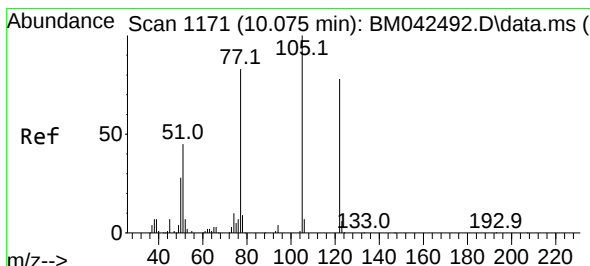
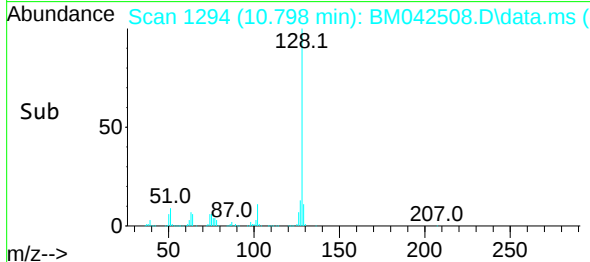
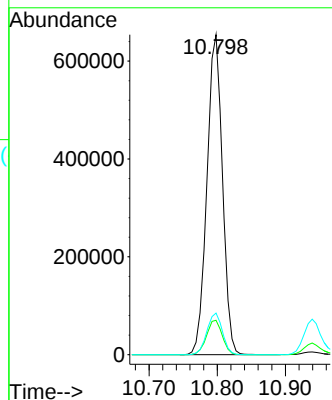
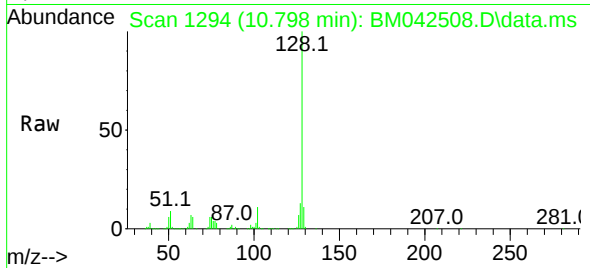




#31
Naphthalene
Concen: 49.006 ng
RT: 10.798 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

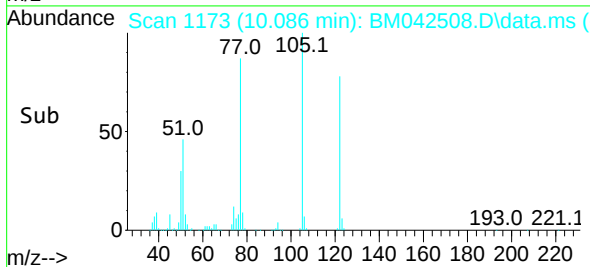
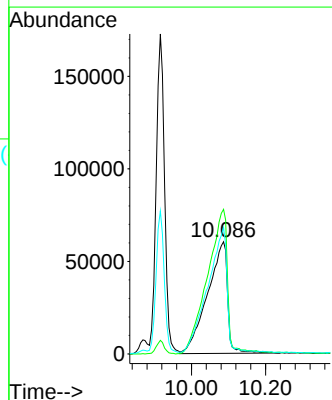
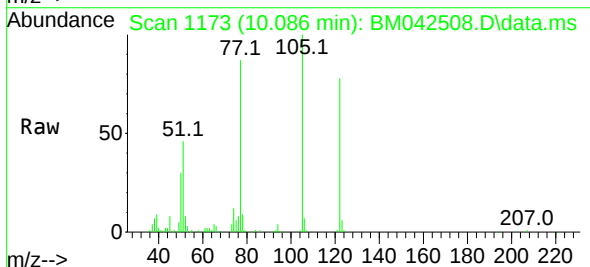
Instrument :
BNA_M
ClientSampleId :
PB156565BS

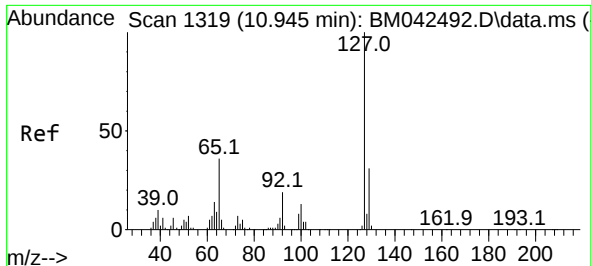
Tgt Ion:128 Resp: 1036906
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 47.070 ng
RT: 10.086 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:122 Resp: 227311
Ion Ratio Lower Upper
122 100
105 128.9 105.2 145.2
77 112.7 84.8 124.8

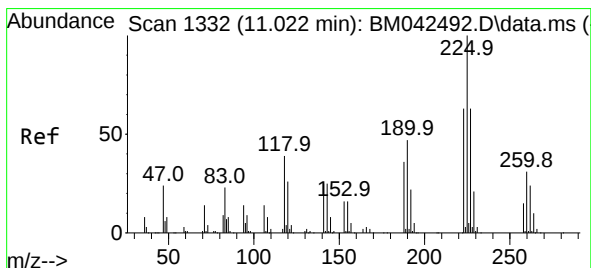
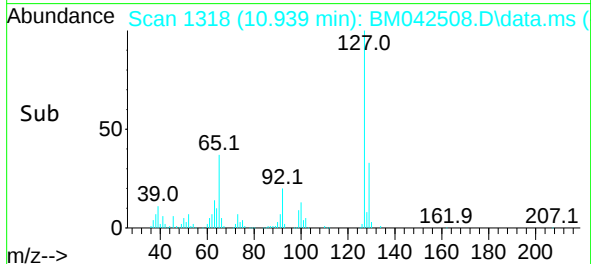
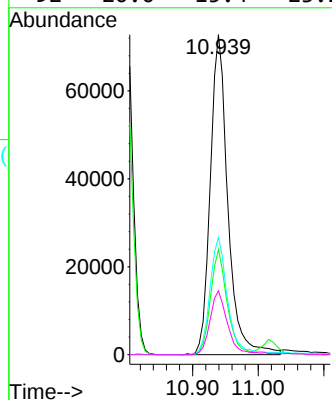
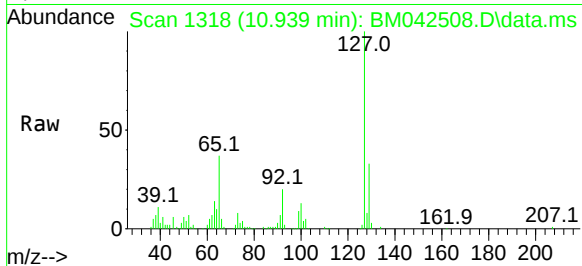




#33
4-Chloroaniline
Concen: 16.419 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

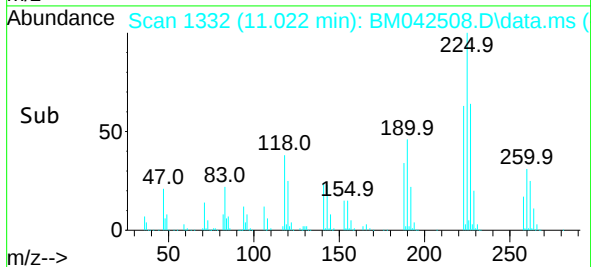
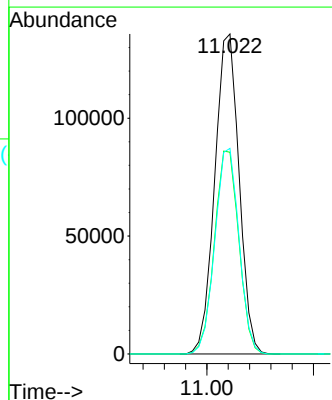
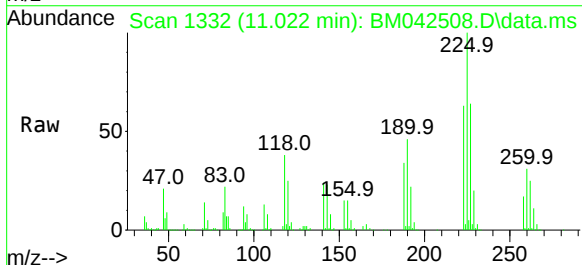
Instrument :
BNA_M
ClientSampleId :
PB156565BS

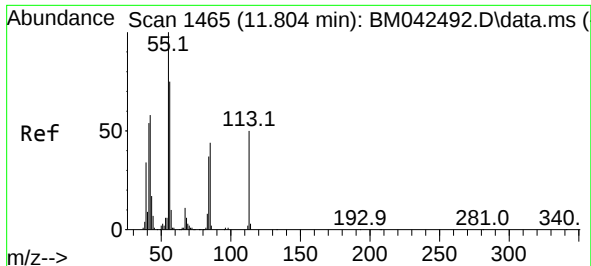
Tgt Ion:127	Resp: 135459
Ion Ratio	Lower Upper
127 100	
129 32.9	25.0 37.4
65 36.7	29.0 43.4
92 20.0	15.4 23.2



#34
Hexachlorobutadiene
Concen: 54.829 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt	Ion:225	Resp:	214728
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	64.3	50.6	75.8

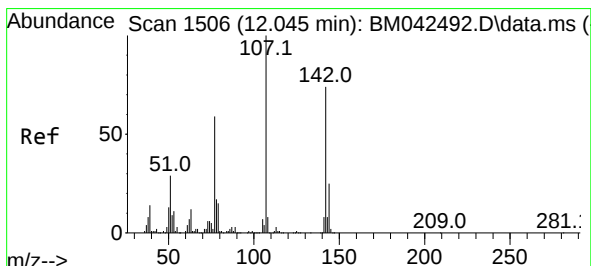
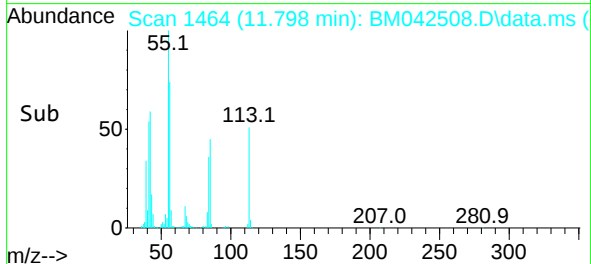
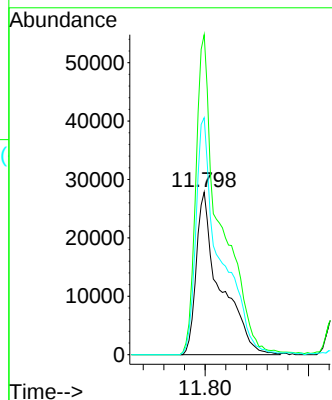
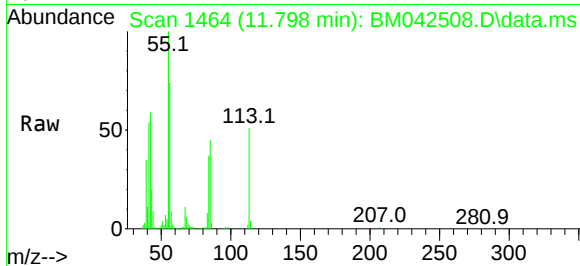




#35
Caprolactam
Concen: 43.239 ng
RT: 11.798 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

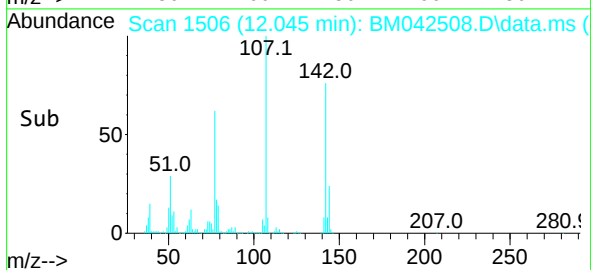
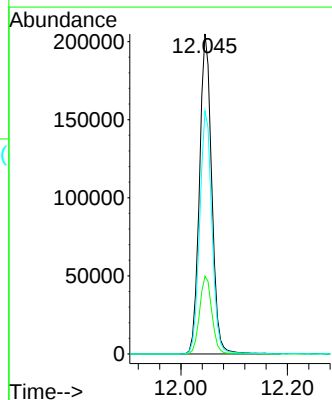
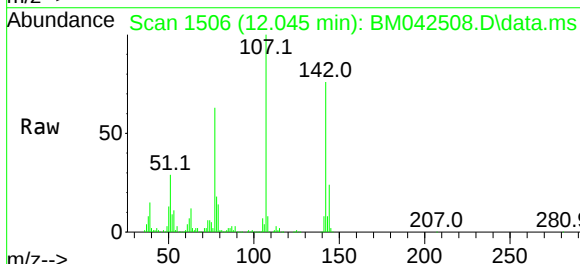
Instrument :
BNA_M
ClientSampleId :
PB156565BS

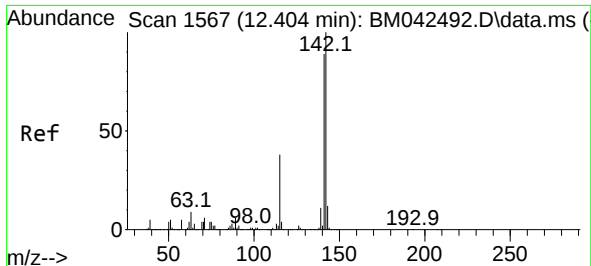
Tgt Ion:113 Resp: 89419
Ion Ratio Lower Upper
113 100
55 196.8 180.9 220.9
56 145.8 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 48.882 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:107 Resp: 327433
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.2
142 75.9 59.5 89.3

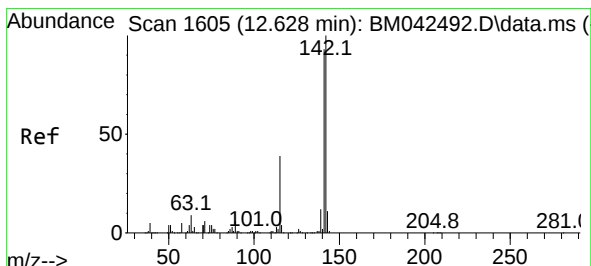
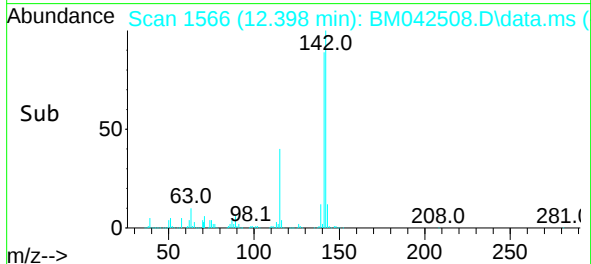
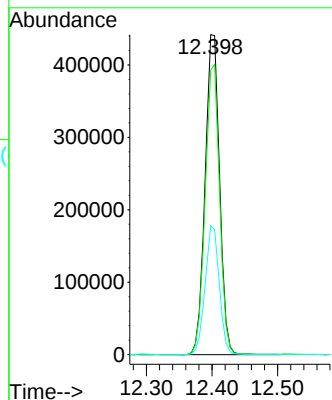
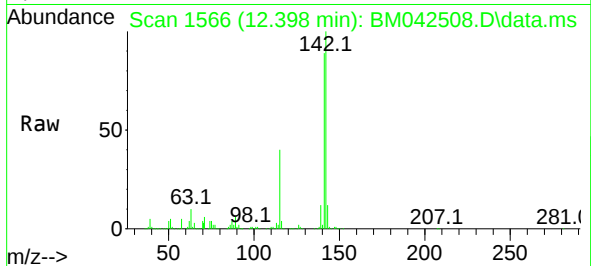




#37
2-Methylnaphthalene
Concen: 45.715 ng
RT: 12.398 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

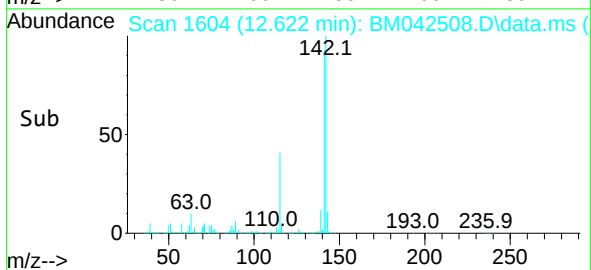
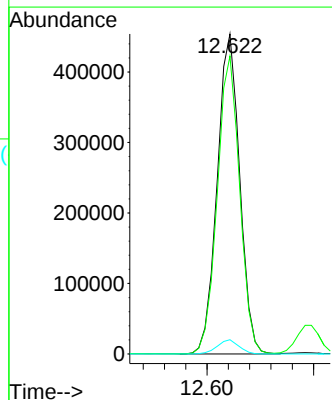
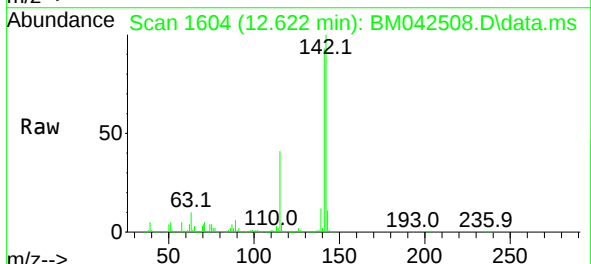
Instrument :
BNA_M
ClientSampleId :
PB156565BS

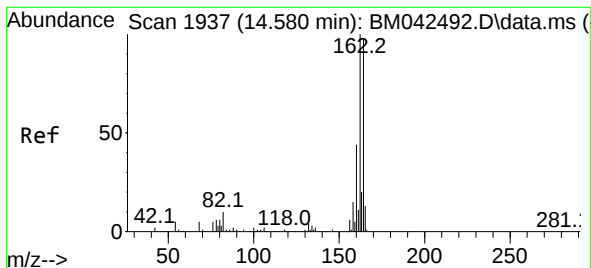
Tgt Ion:142 Resp: 681207
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3
115 40.3 30.2 45.2



#38
1-Methylnaphthalene
Concen: 47.437 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:142 Resp: 665340
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6
116 4.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

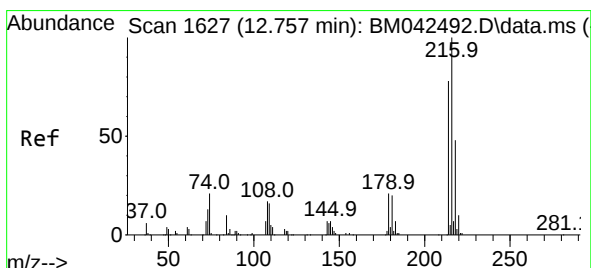
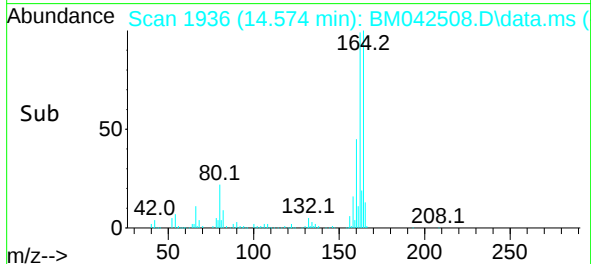
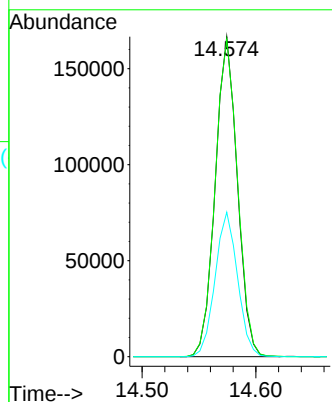
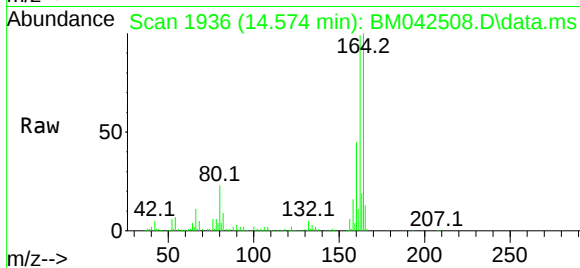
Tgt Ion:164 Resp: 225043

Ion Ratio Lower Upper

164 100

162 99.3 81.6 122.4

160 45.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.081 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Tgt Ion:216 Resp: 383758

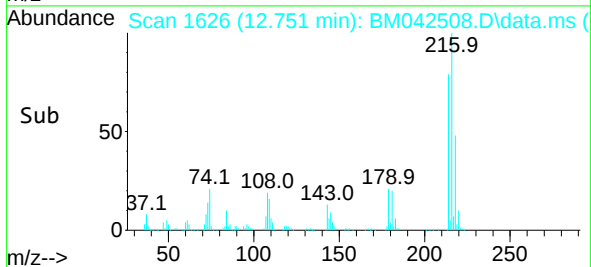
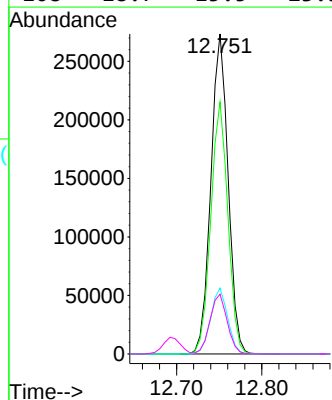
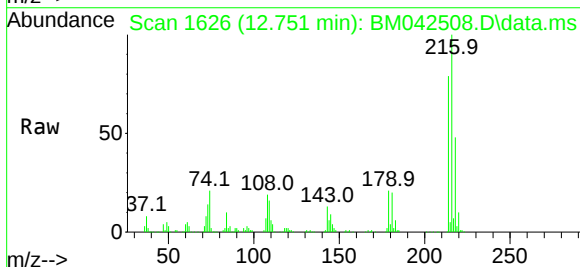
Ion Ratio Lower Upper

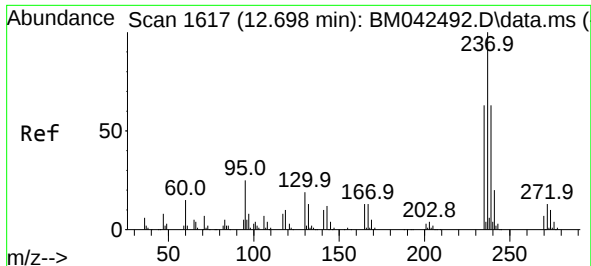
216 100

214 78.1 62.5 93.7

179 20.3 16.7 25.1

108 18.7 15.5 23.3

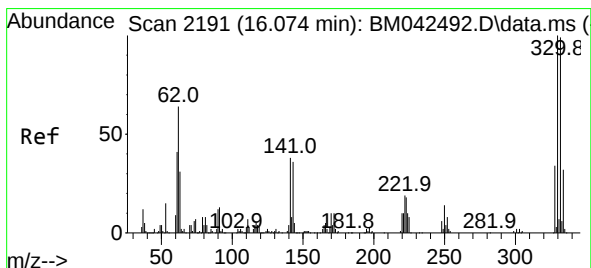
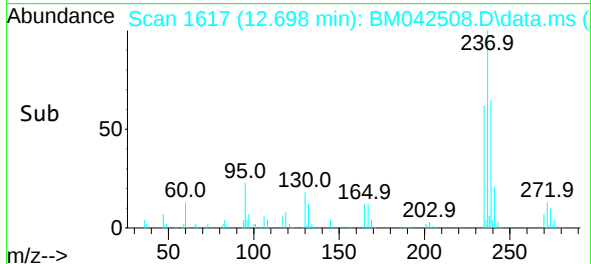
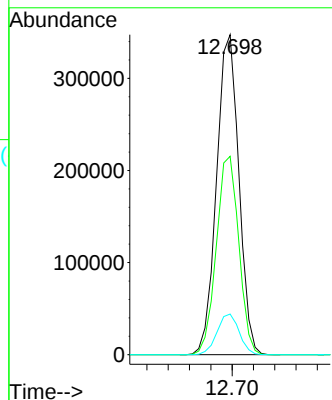
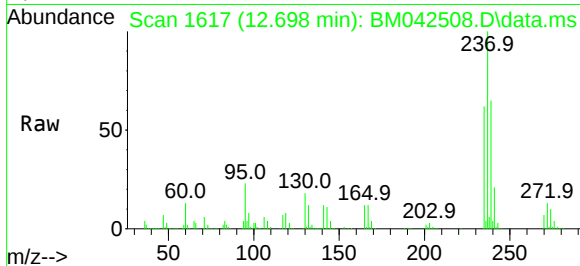




#41
Hexachlorocyclopentadiene
Concen: 121.690 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

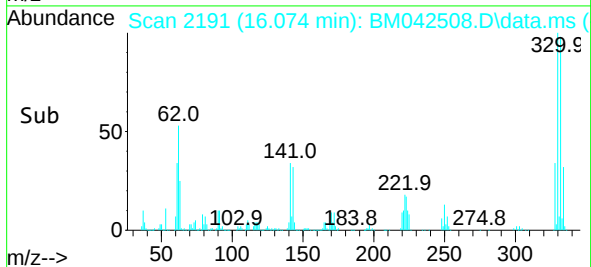
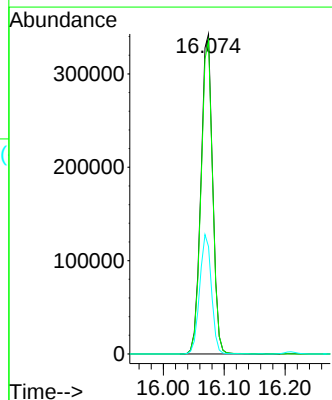
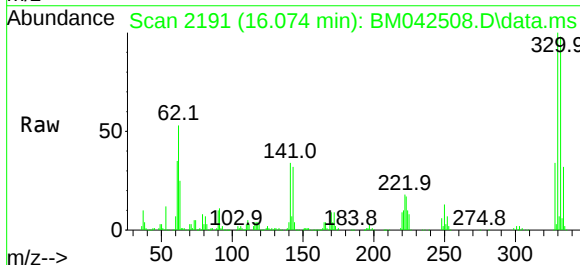
Instrument :
BNA_M
ClientSampleId :
PB156565BS

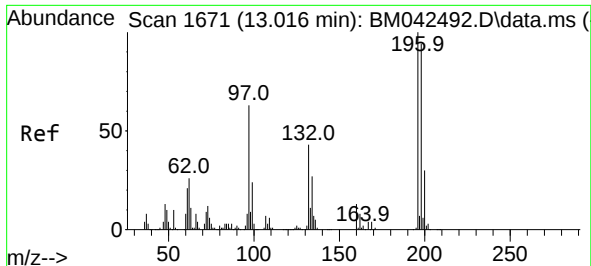
Tgt Ion:237 Resp: 504330
Ion Ratio Lower Upper
237 100
235 62.0 42.5 82.5
272 12.7 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 154.865 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:330 Resp: 455014
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 37.5 31.1 46.7

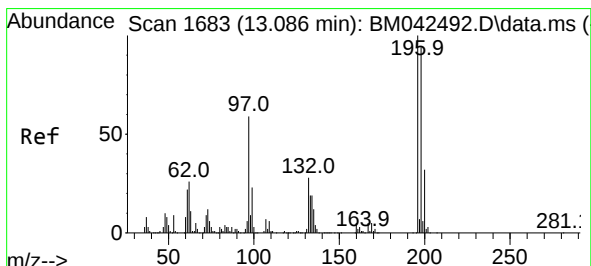
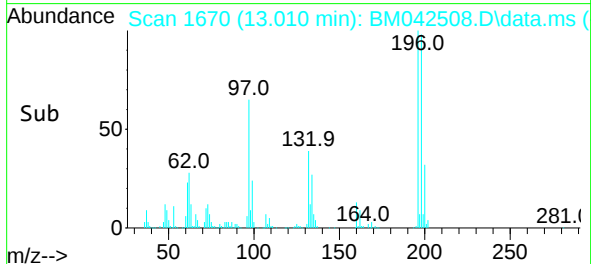
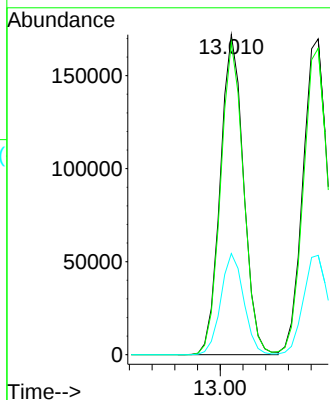
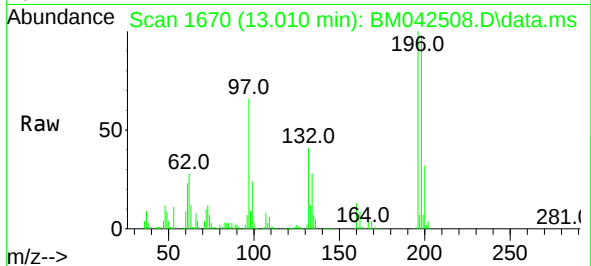




#43
2,4,6-Trichlorophenol
Concen: 56.840 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

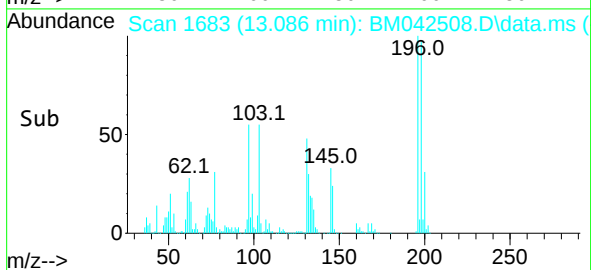
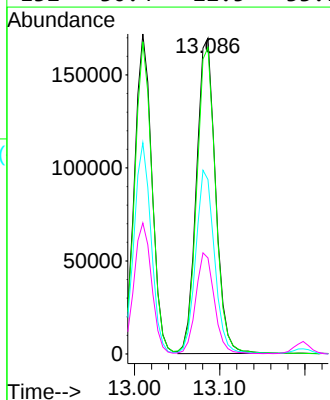
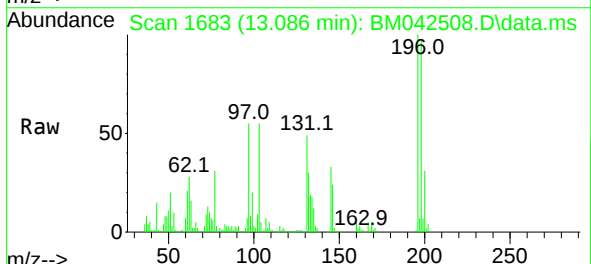
Instrument :
BNA_M
ClientSampleId :
PB156565BS

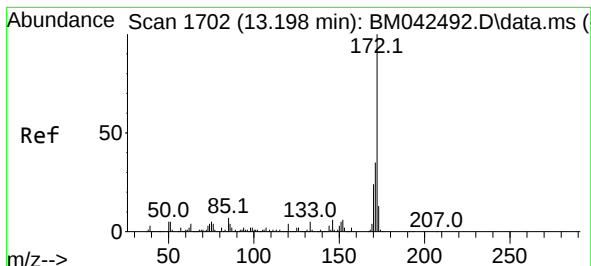
Tgt Ion:196 Resp: 244760
Ion Ratio Lower Upper
196 100
198 97.5 75.2 112.8
200 31.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 51.526 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:196 Resp: 264030
Ion Ratio Lower Upper
196 100
198 97.0 75.1 112.7
97 55.2 47.4 71.0
132 30.4 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 103.973 ng

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

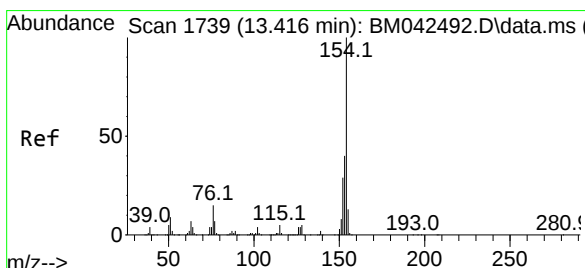
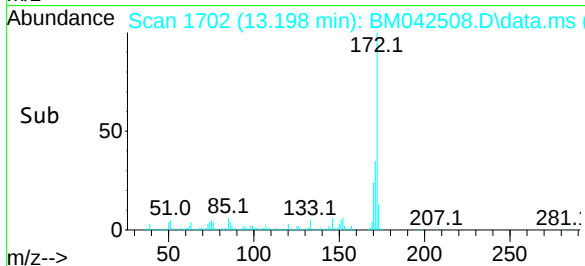
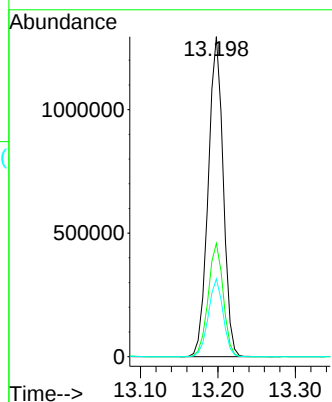
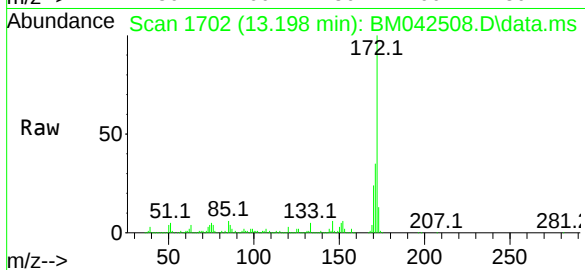
Tgt Ion:172 Resp: 1738888

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 24.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 52.897 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

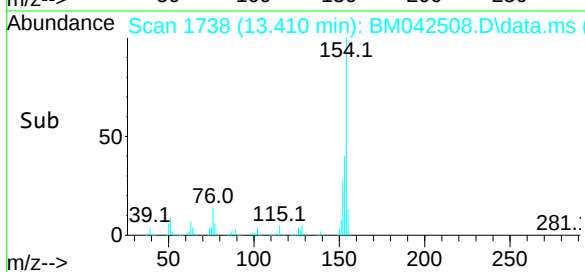
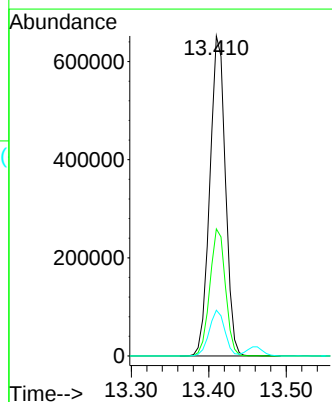
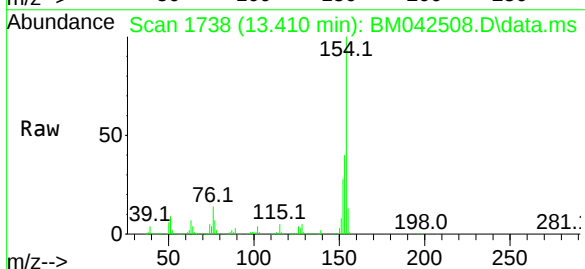
Tgt Ion:154 Resp: 909974

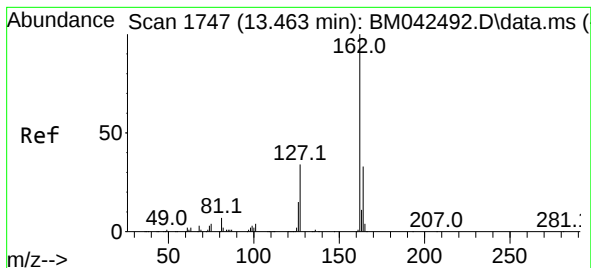
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 14.3 0.0 35.0





#47

2-Chloronaphthalene

Concen: 53.941 ng

RT: 13.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

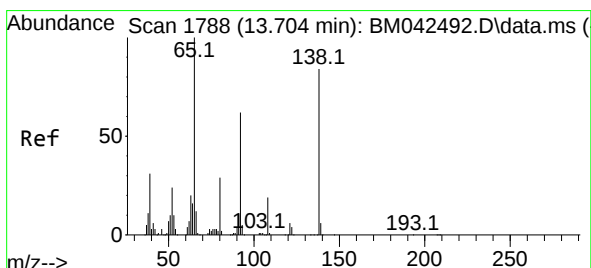
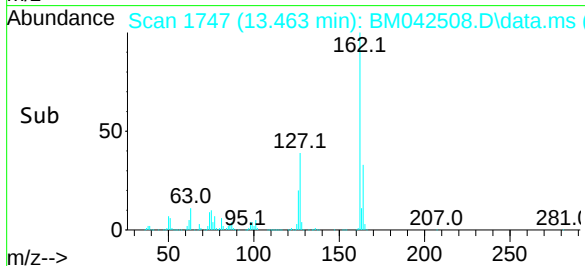
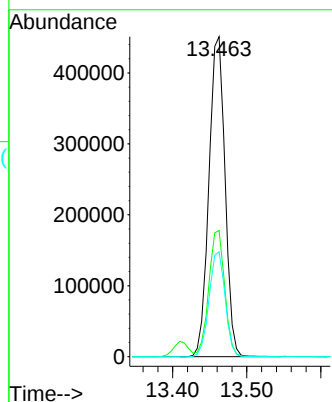
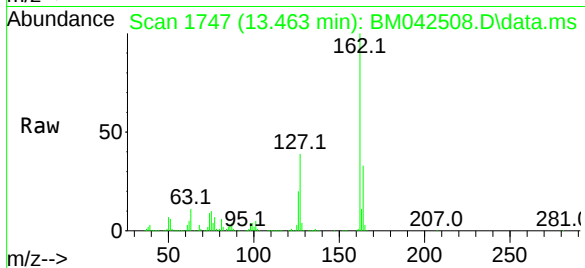
Tgt Ion:162 Resp: 680737

Ion Ratio Lower Upper

162 100

127 39.5 31.1 46.7

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 44.973 ng

RT: 13.704 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

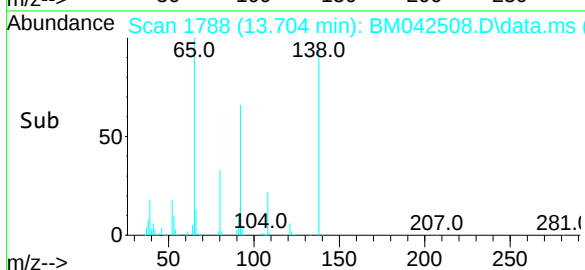
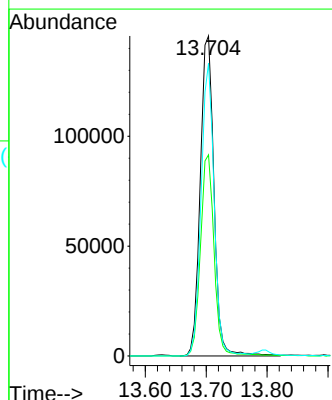
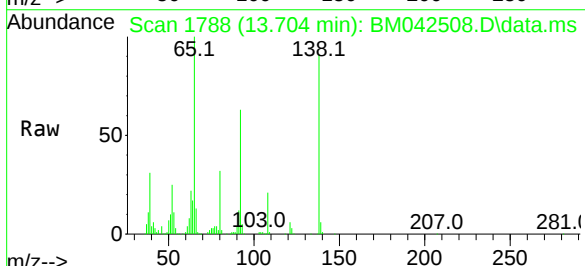
Tgt Ion: 65 Resp: 227385

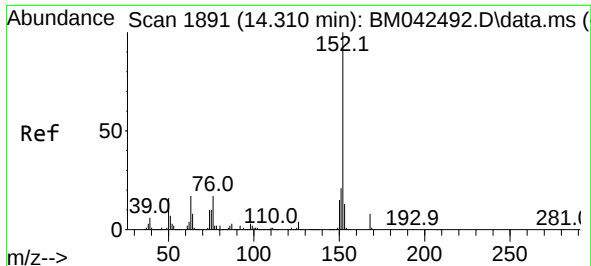
Ion Ratio Lower Upper

65 100

92 62.9 49.4 74.2

138 91.5 66.9 100.3

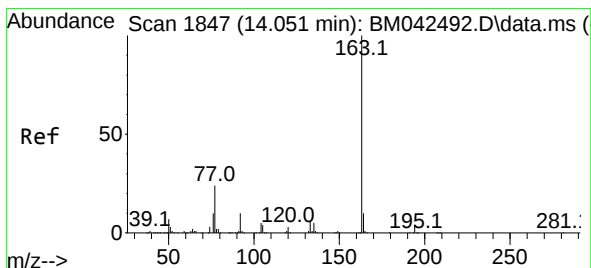
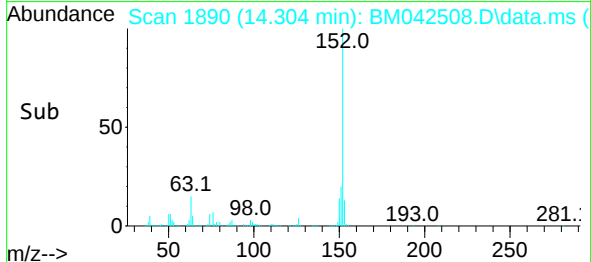
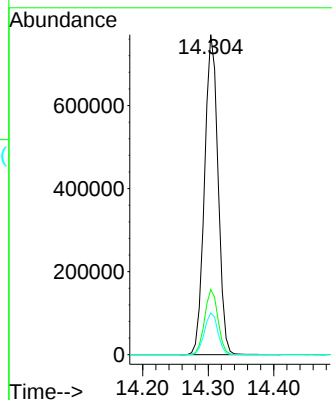
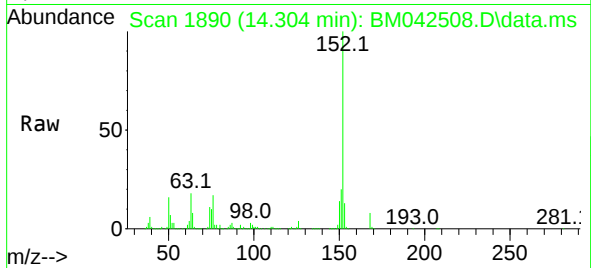




#49
Acenaphthylene
Concen: 52.935 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

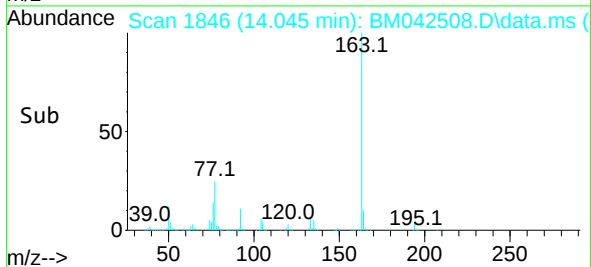
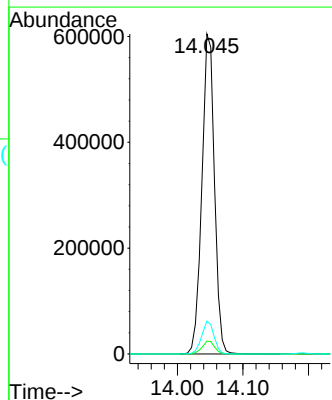
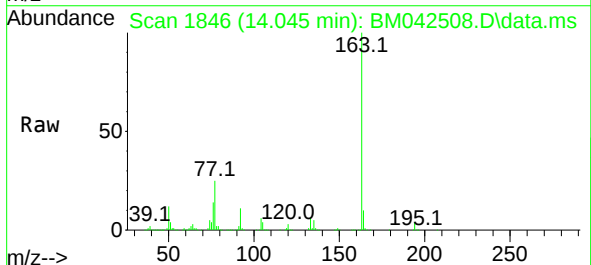
Instrument :
BNA_M
ClientSampleId :
PB156565BS

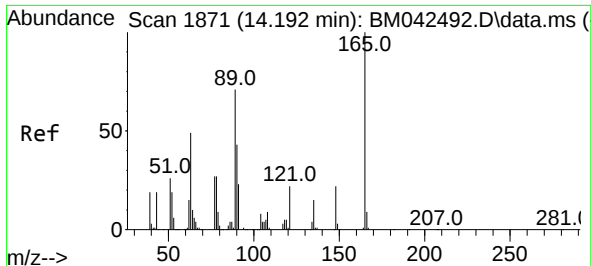
Tgt Ion:152 Resp: 1106369
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 48.018 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:163 Resp: 807661
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.8 11.8

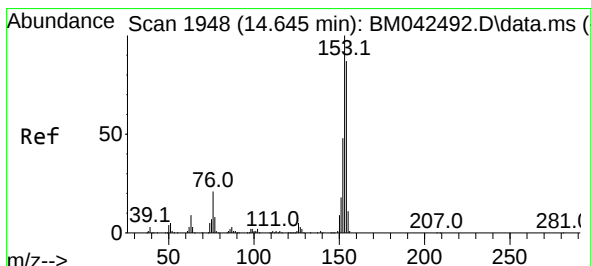
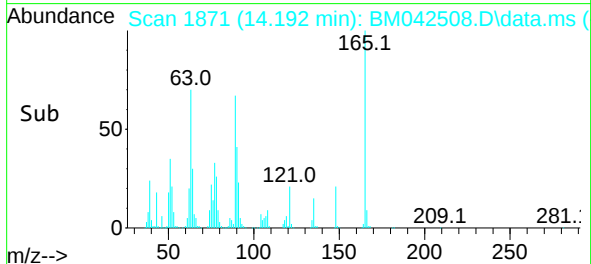
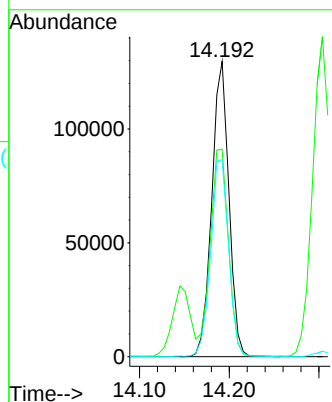
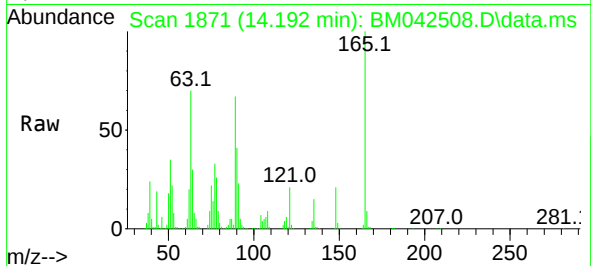




#51
2,6-Dinitrotoluene
Concen: 49.421 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

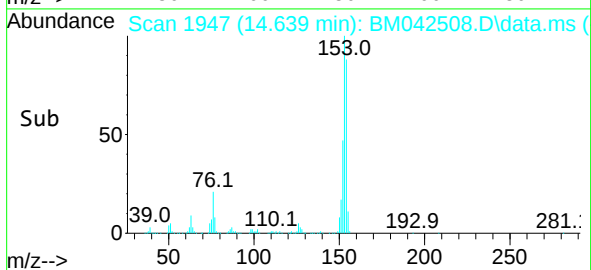
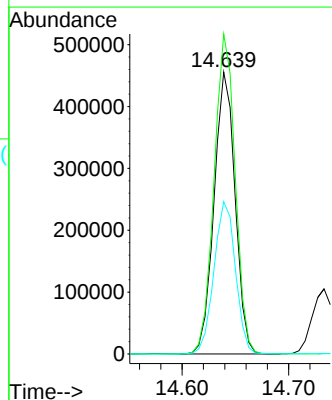
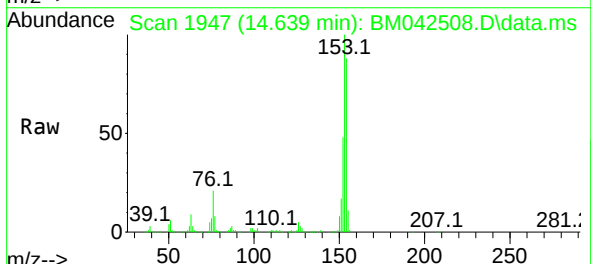
Instrument :
BNA_M
ClientSampleId :
PB156565BS

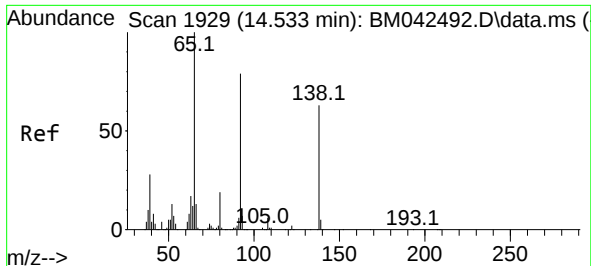
Tgt Ion:165 Resp: 171317
Ion Ratio Lower Upper
165 100
63 70.2 59.4 89.0
89 66.7 57.0 85.6



#52
Acenaphthene
Concen: 49.201 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:154 Resp: 624094
Ion Ratio Lower Upper
154 100
153 113.5 92.0 138.0
152 54.0 44.0 66.0

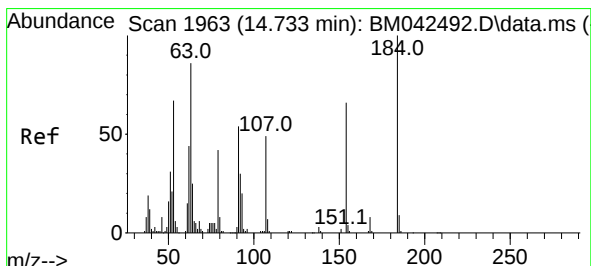
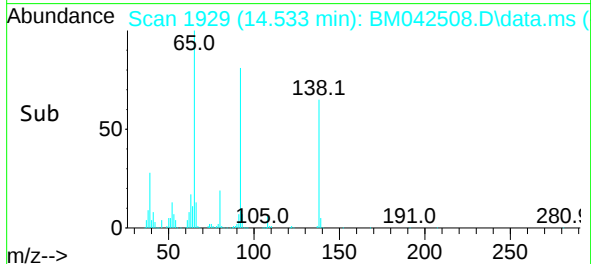
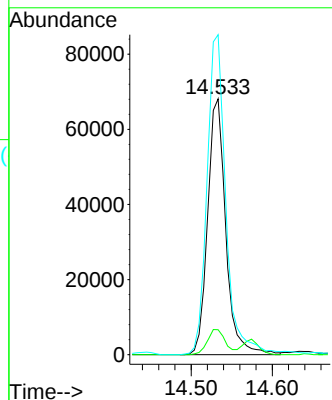
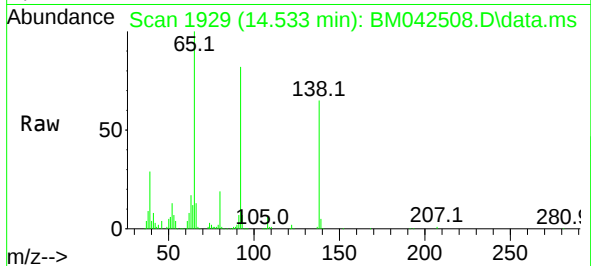




#53
3-Nitroaniline
Concen: 29.075 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

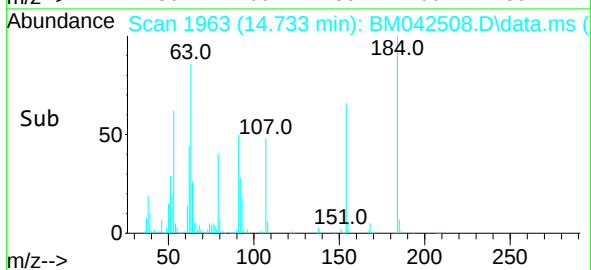
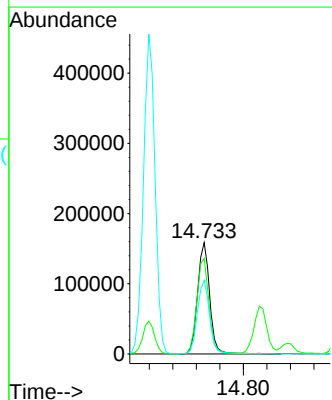
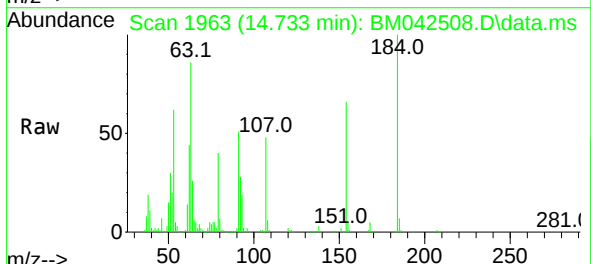
Instrument :
BNA_M
ClientSampleId :
PB156565BS

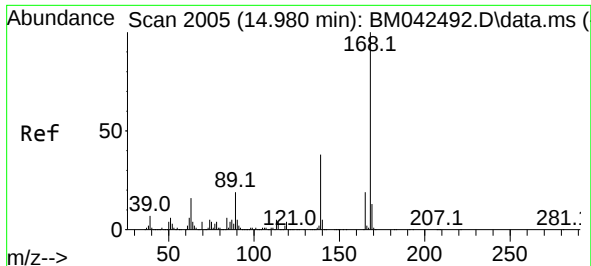
Tgt Ion:138 Resp: 105691
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 125.1 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 91.157 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:184 Resp: 227172
Ion Ratio Lower Upper
184 100
63 85.8 69.2 103.8
154 66.3 53.2 79.8

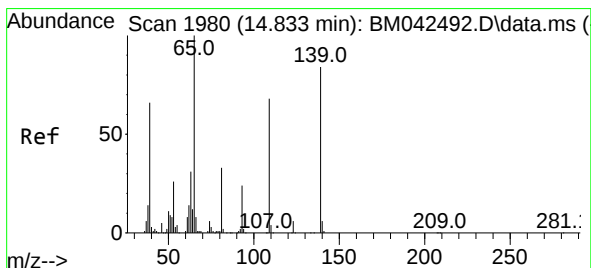
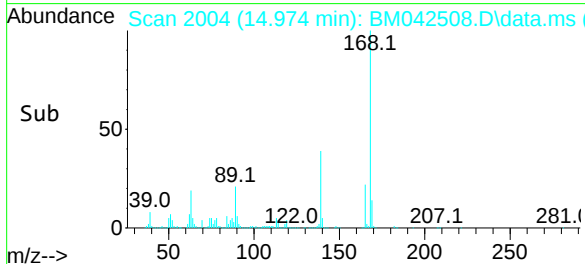
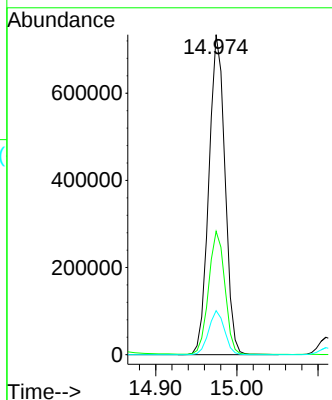
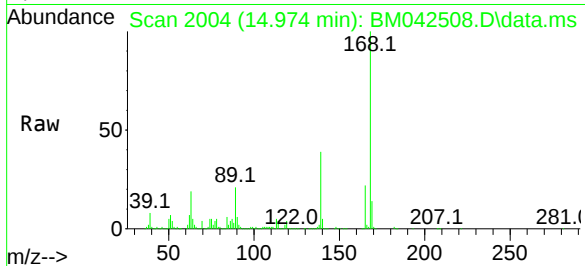




#55
Dibenzofuran
Concen: 49.106 ng
RT: 14.974 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

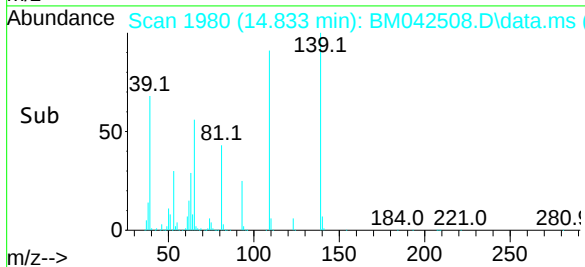
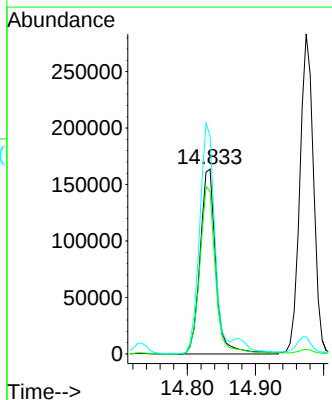
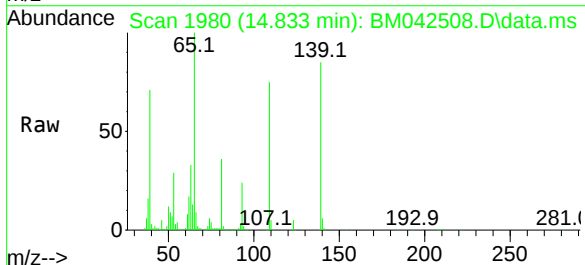
Instrument :
BNA_M
ClientSampleId :
PB156565BS

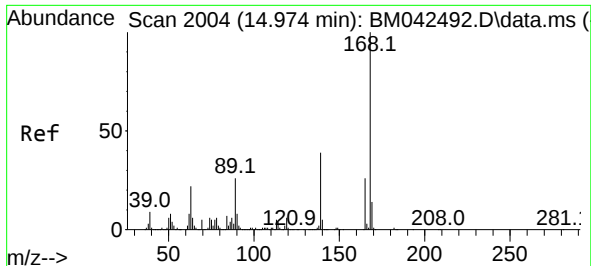
Tgt Ion:168 Resp: 1012751
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 83.725 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:139 Resp: 264849
Ion Ratio Lower Upper
139 100
109 88.0 61.3 101.3
65 117.9 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 43.992 ng

RT: 14.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042508.D

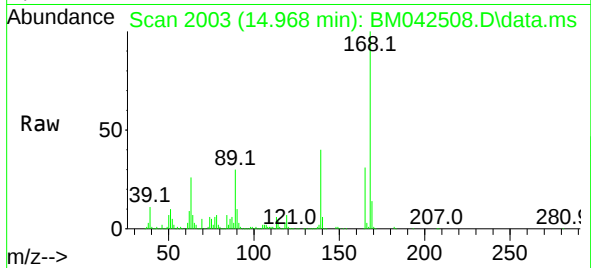
Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS



Tgt Ion:165 Resp: 229197

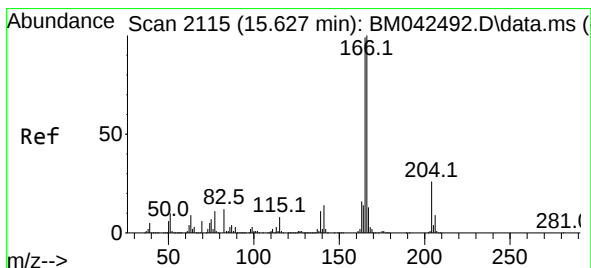
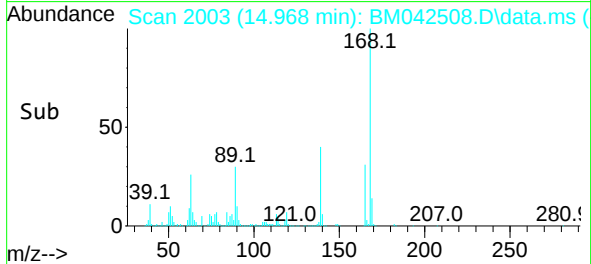
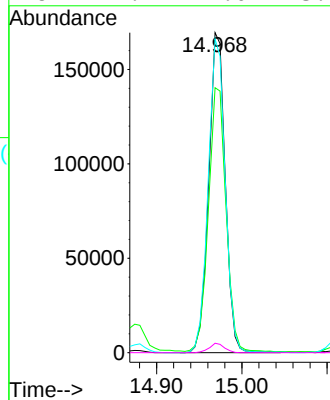
Ion Ratio Lower Upper

165 100

63 82.8 66.7 100.1

89 98.1 80.2 120.4

182 2.9 2.0 3.0



#58

Fluorene

Concen: 48.716 ng

RT: 15.621 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

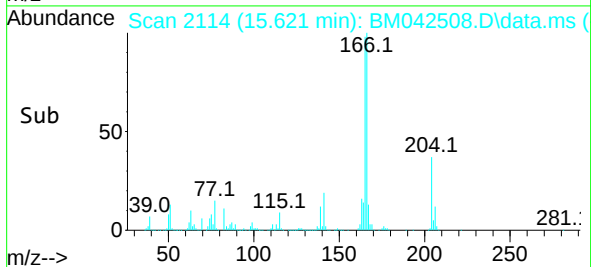
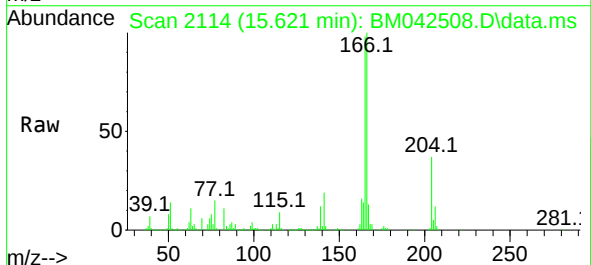
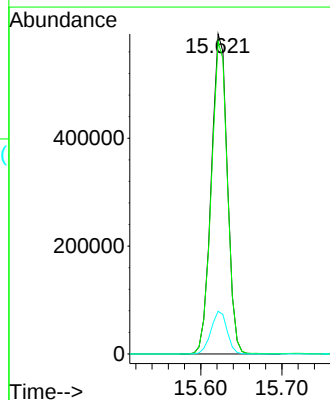
Tgt Ion:166 Resp: 812914

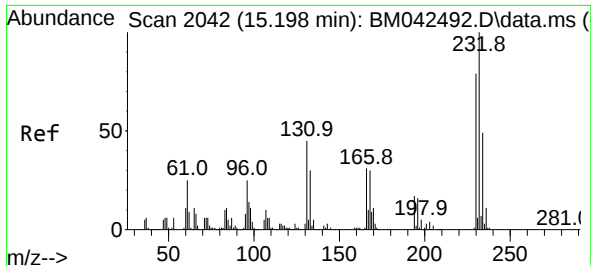
Ion Ratio Lower Upper

166 100

165 97.7 79.3 118.9

167 13.4 10.5 15.7

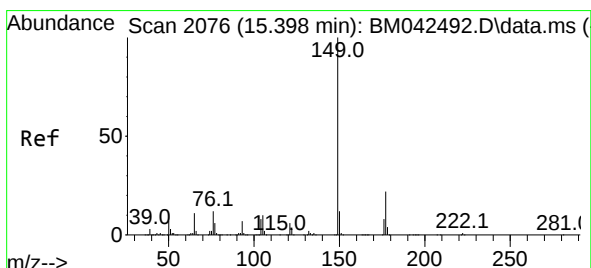
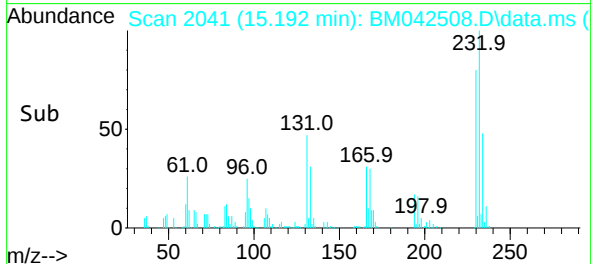
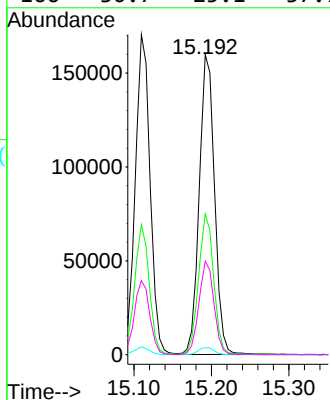
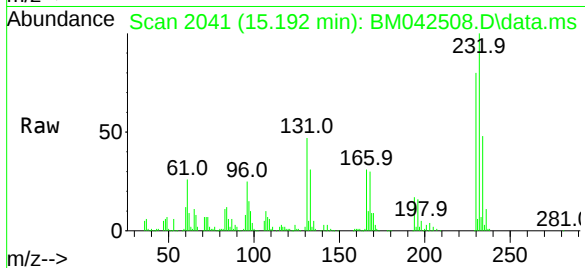




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.786 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

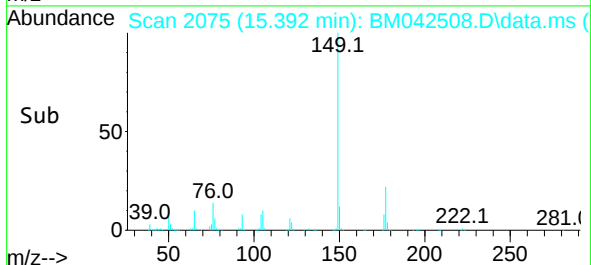
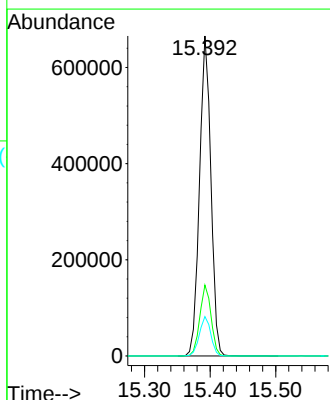
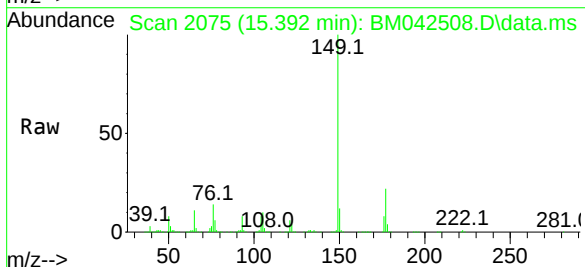
Instrument :
BNA_M
ClientSampleId :
PB156565BS

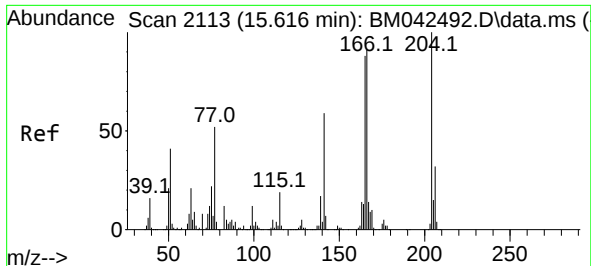
Tgt Ion:232 Resp: 219191
Ion Ratio Lower Upper
232 100
131 46.4 37.2 55.8
130 2.5 2.1 3.1
166 30.7 25.1 37.7



#60
Diethylphthalate
Concen: 47.179 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:149 Resp: 803937
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.3 9.8 14.6

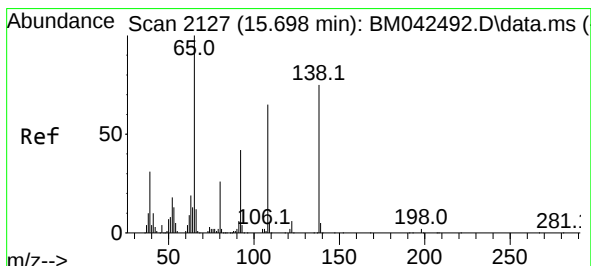
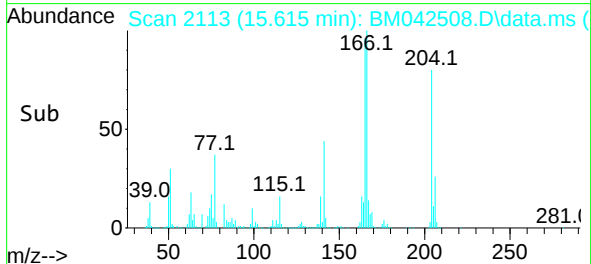
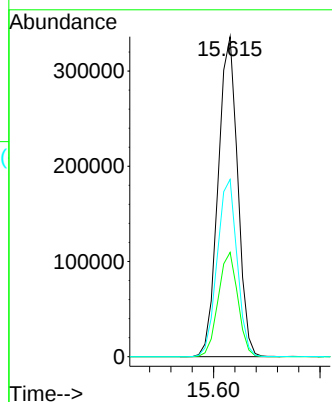
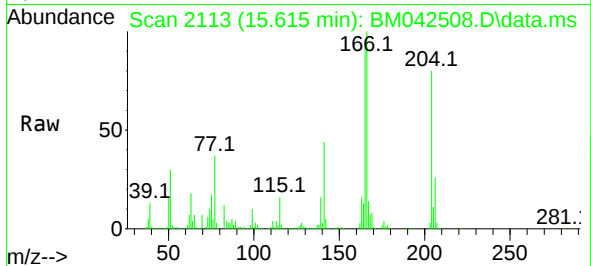




#61
4-Chlorophenyl-phenylether
Concen: 50.809 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

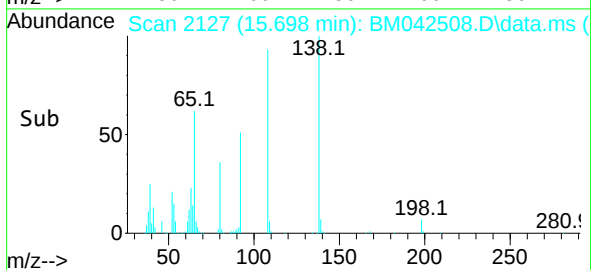
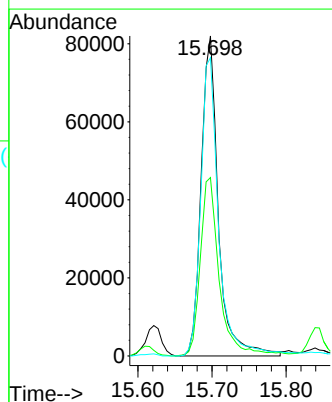
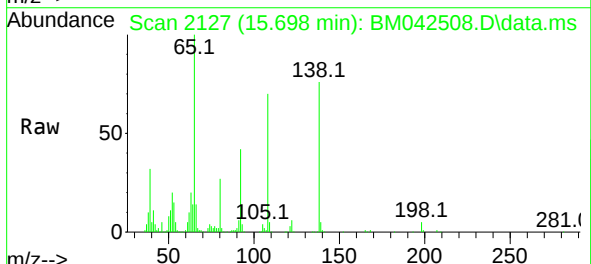
Instrument :
BNA_M
ClientSampleId :
PB156565BS

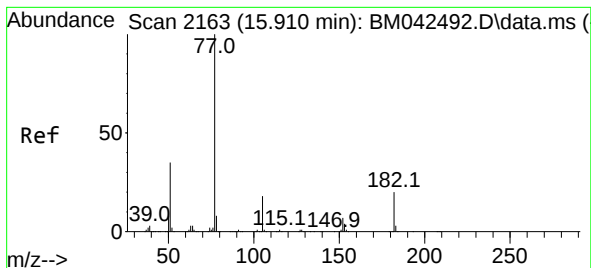
Tgt Ion:204 Resp: 428327
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 55.4 46.8 70.2



#62
4-Nitroaniline
Concen: 39.453 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:138 Resp: 132956
Ion Ratio Lower Upper
138 100
92 55.8 37.0 77.0
108 93.2 67.2 107.2





#63

Azobenzene

Concen: 48.724 ng

RT: 15.910 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion: 77 Resp: 914933

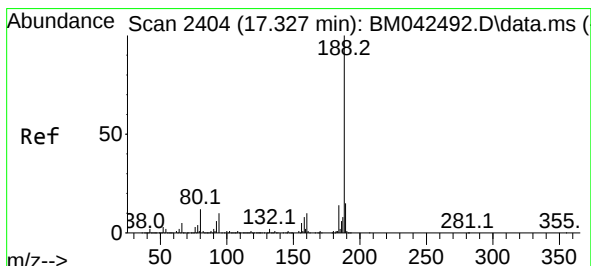
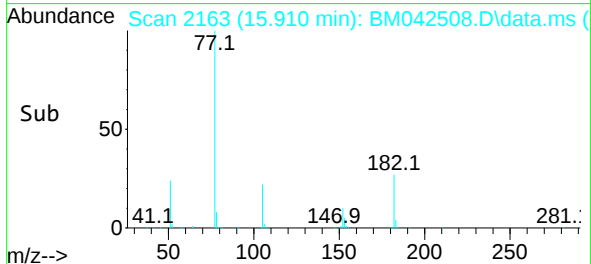
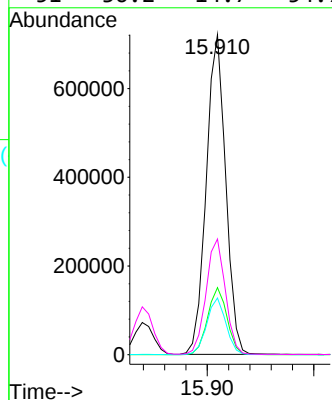
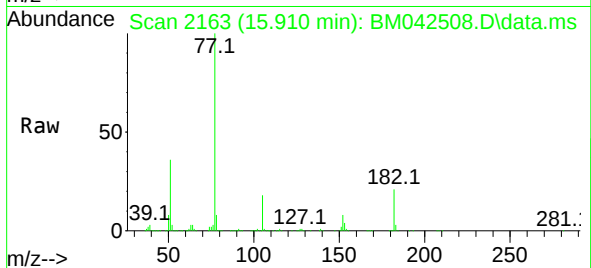
Ion Ratio Lower Upper

77 100

182 20.9 0.0 40.0

105 17.7 0.0 37.9

51 36.2 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

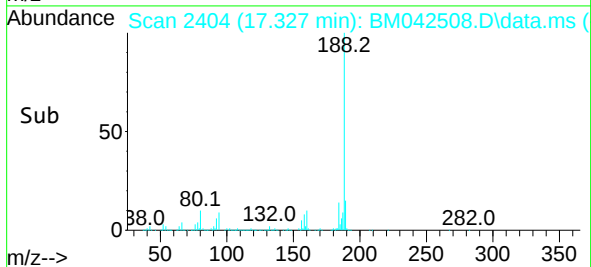
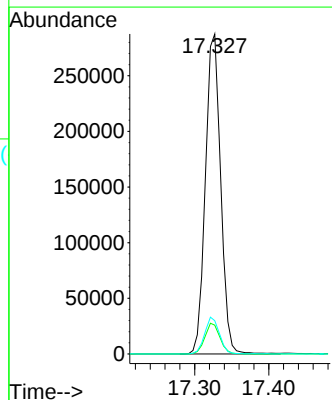
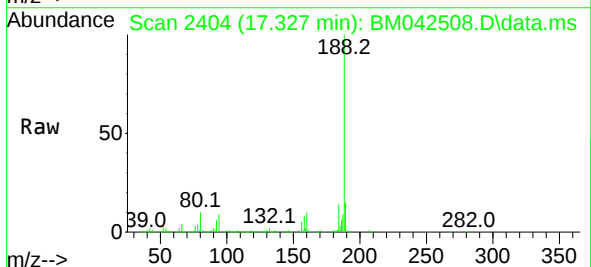
Tgt Ion: 188 Resp: 411177

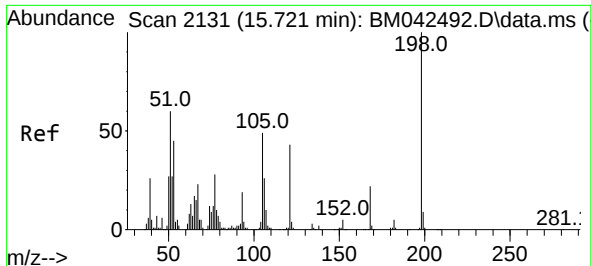
Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

80 10.4 9.4 14.2

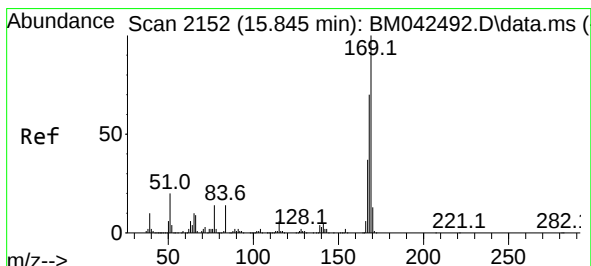
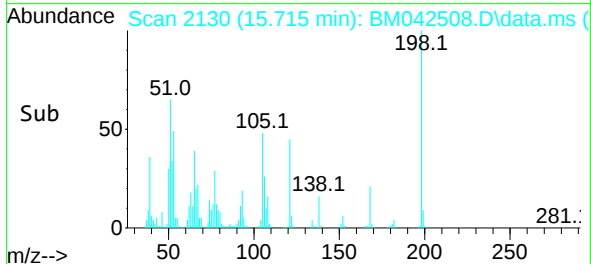
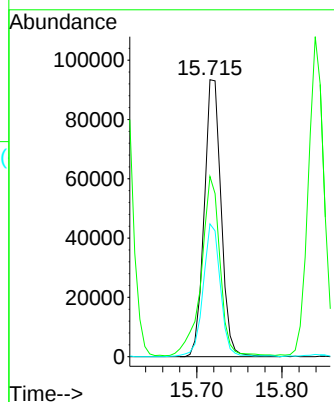
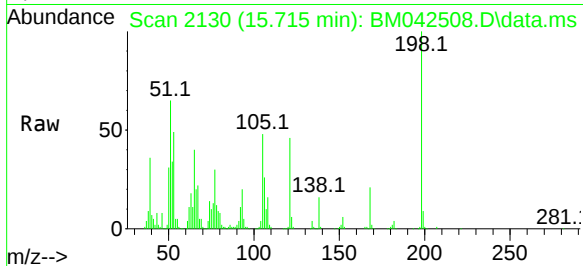




#65
4,6-Dinitro-2-methylphenol
Concen: 48.643 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

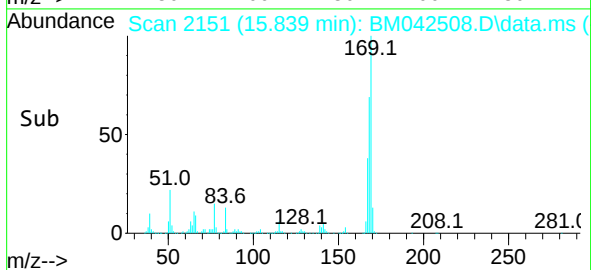
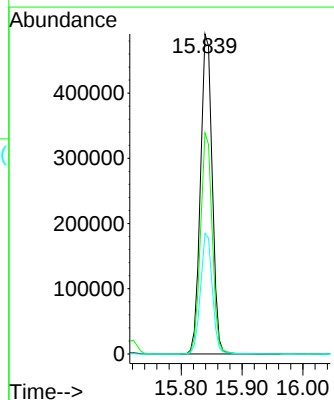
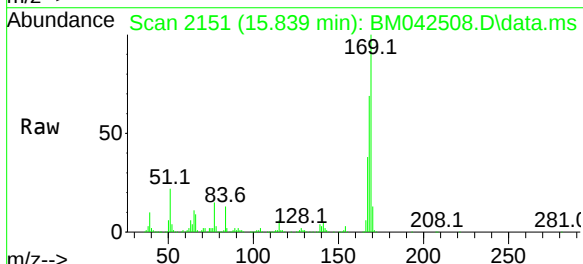
Instrument :
BNA_M
ClientSampleId :
PB156565BS

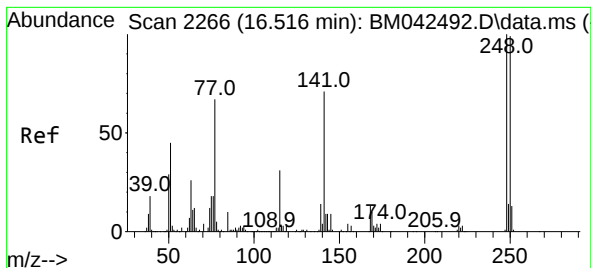
Tgt Ion:198 Resp: 128813
Ion Ratio Lower Upper
198 100
51 65.0 42.4 82.4
105 48.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 56.891 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:169 Resp: 659583
Ion Ratio Lower Upper
169 100
168 69.1 55.9 83.9
167 37.7 29.8 44.8

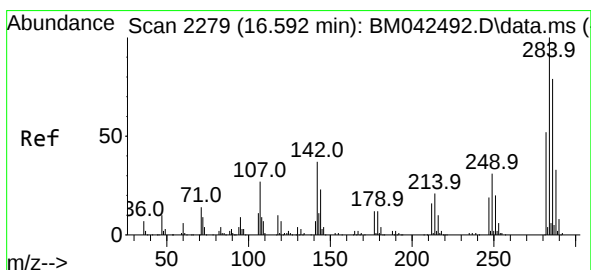
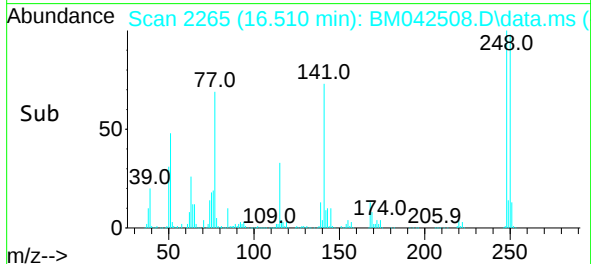
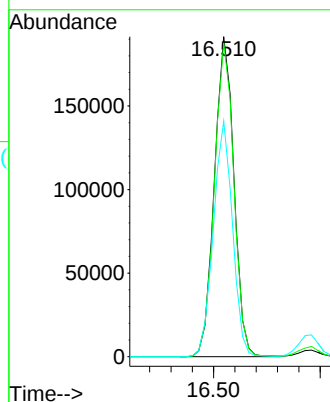
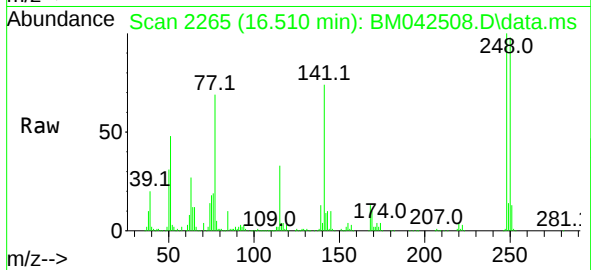




#67
4-Bromophenyl-phenylether
Concen: 59.043 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

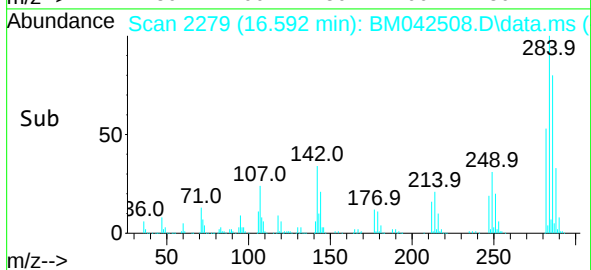
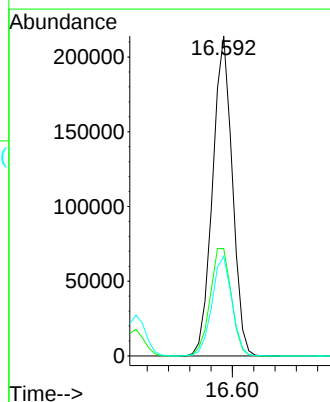
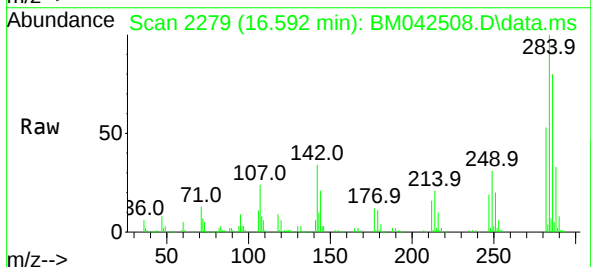
Instrument :
BNA_M
ClientSampleId :
PB156565BS

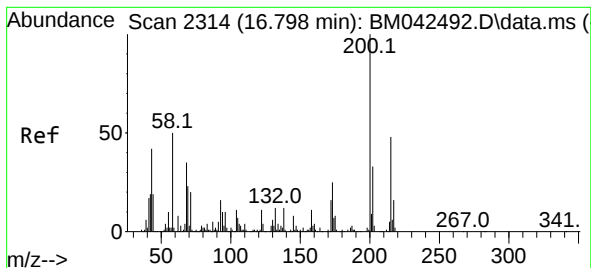
Tgt Ion:248 Resp: 242755
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.0
141 73.7 57.0 85.6



#68
Hexachlorobenzene
Concen: 60.345 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:284 Resp: 274482
Ion Ratio Lower Upper
284 100
142 33.6 29.8 44.6
249 31.1 25.1 37.7





#69

Atrazine

Concen: 65.358 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

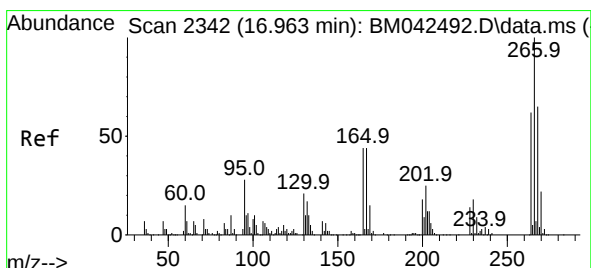
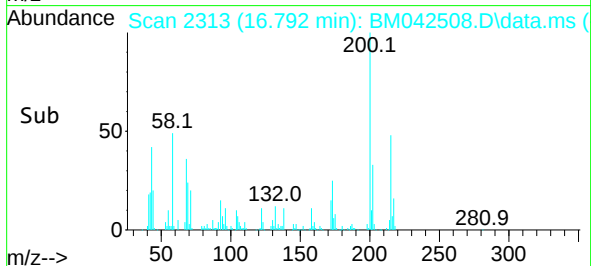
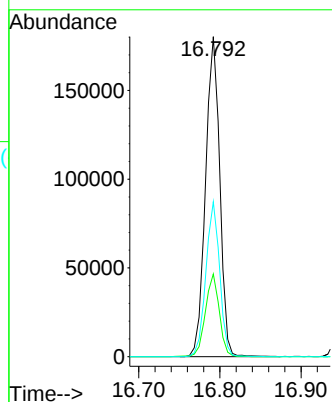
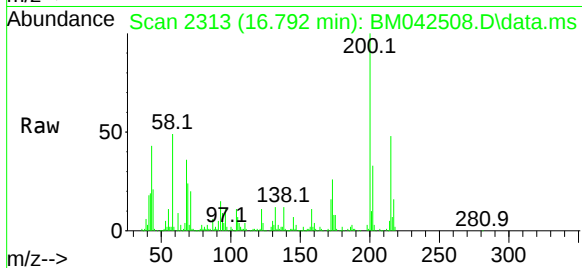
Tgt Ion:200 Resp: 218950

Ion Ratio Lower Upper

200 100

173 25.8 5.4 45.4

215 48.4 27.9 67.9



#70

Pentachlorophenol

Concen: 111.254 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

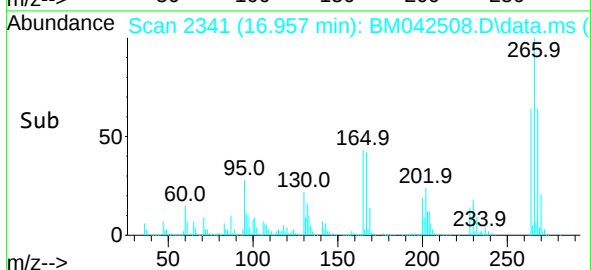
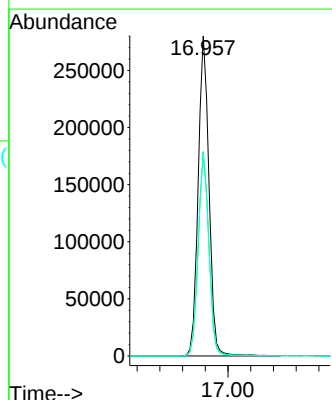
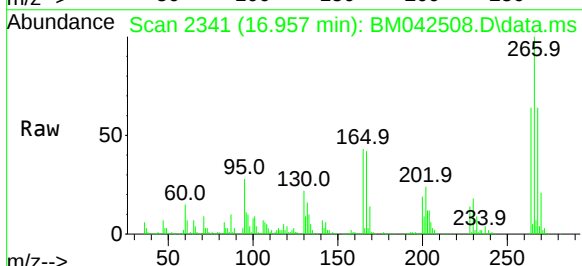
Tgt Ion:266 Resp: 372031

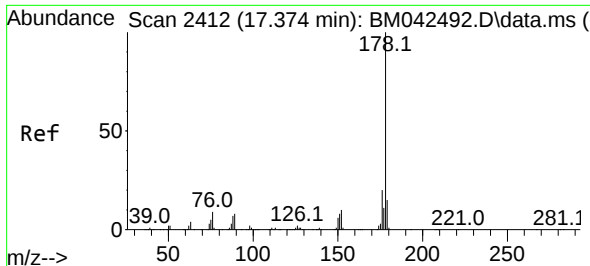
Ion Ratio Lower Upper

266 100

268 63.9 51.7 77.5

264 63.5 49.4 74.2

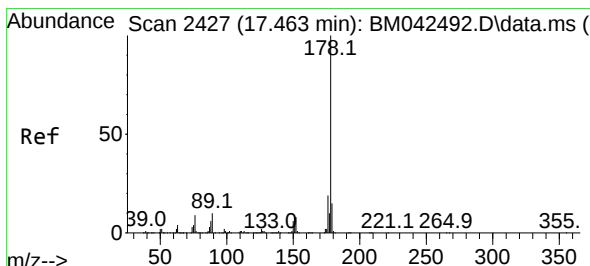
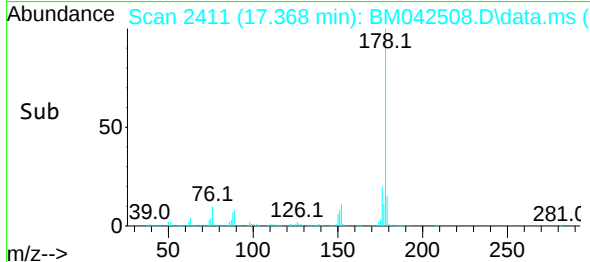
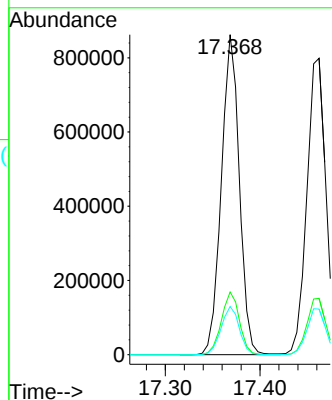
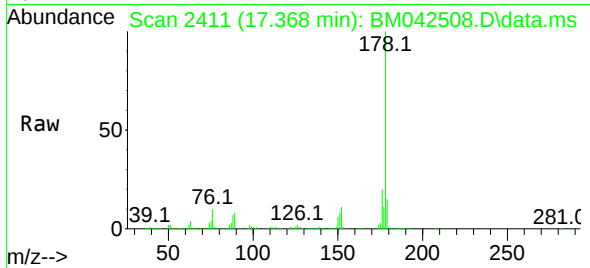




#71
Phenanthrene
Concen: 53.046 ng
RT: 17.368 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

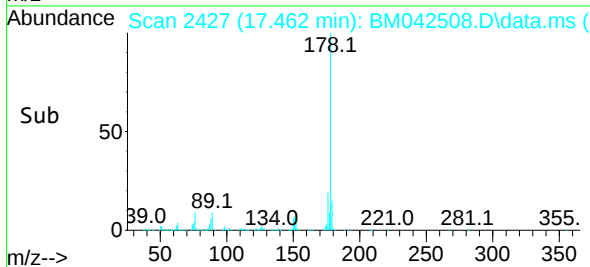
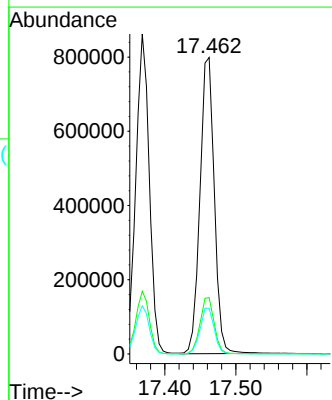
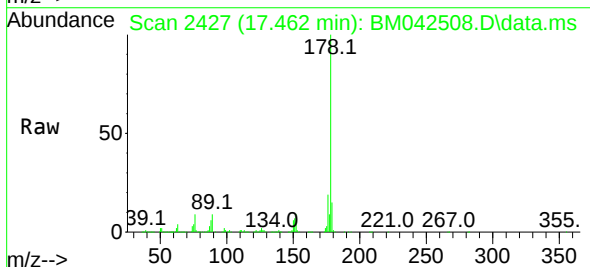
Instrument :
BNA_M
ClientSampleId :
PB156565BS

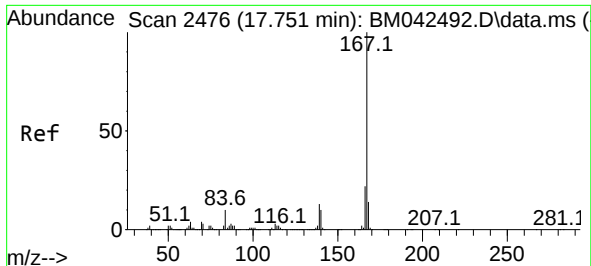
Tgt Ion:178 Resp: 1139834
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 52.861 ng
RT: 17.462 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:178 Resp: 1125066
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.4 12.3 18.5

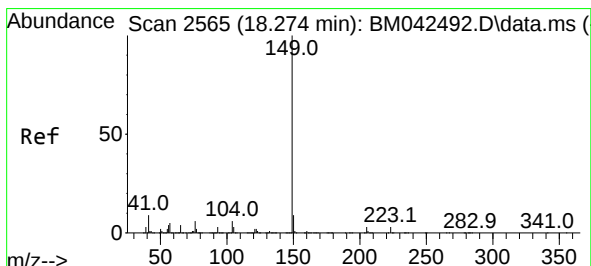
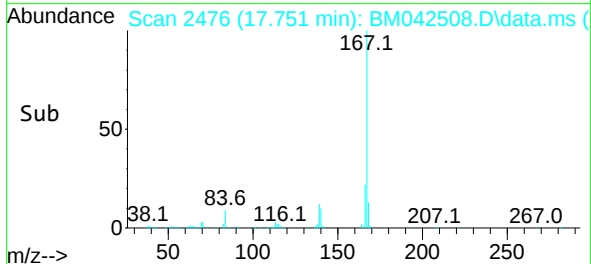
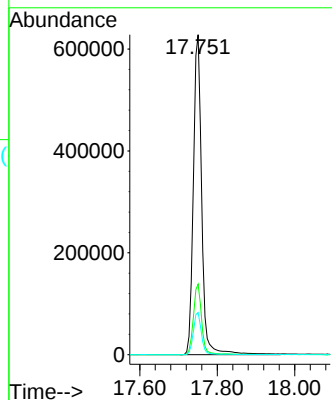
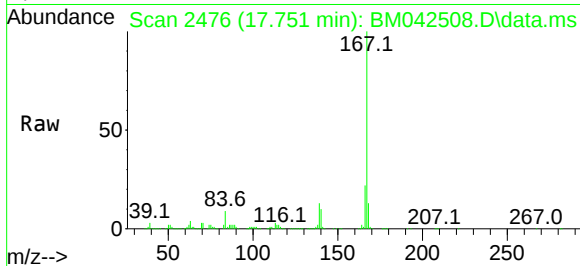




#73
 Carbazole
 Concen: 54.511 ng
 RT: 17.751 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM042508.D
 Acq: 31 Oct 2023 13:01

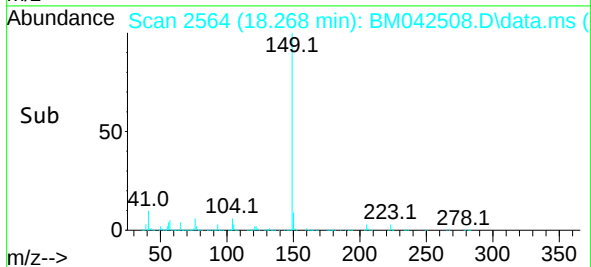
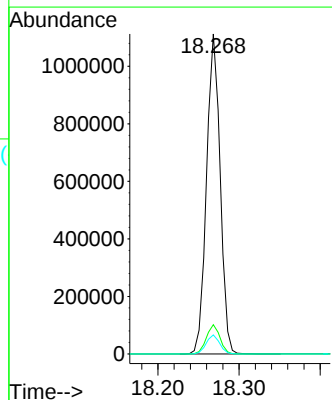
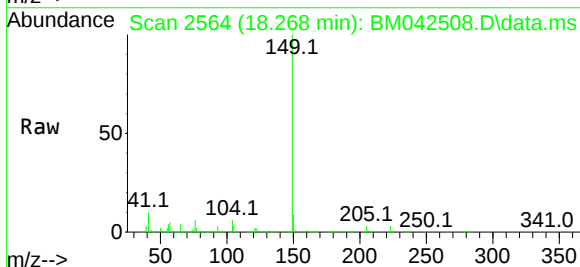
Instrument :
 BNA_M
 ClientSampleId :
 PB156565BS

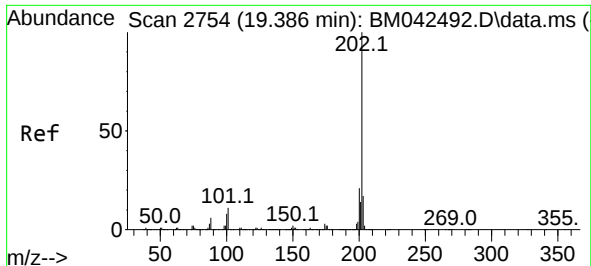
Tgt Ion:167 Resp: 943822
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 53.131 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BM042508.D
 Acq: 31 Oct 2023 13:01

Tgt Ion:149 Resp: 1291865
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 6.0 4.6 6.8

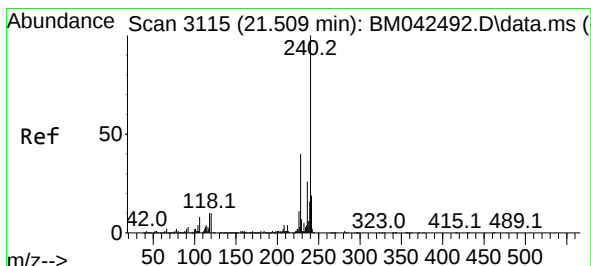
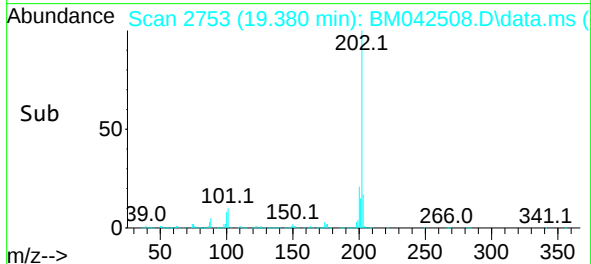
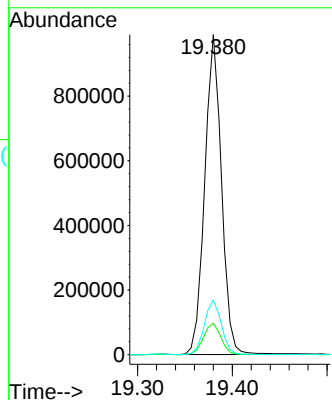
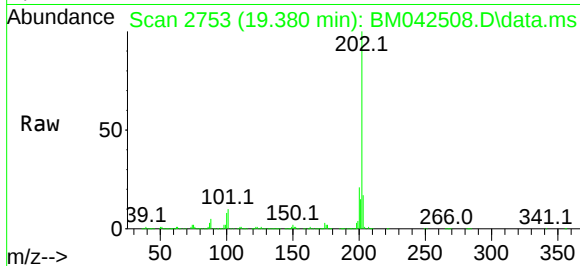




#75
Fluoranthene
Concen: 48.073 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

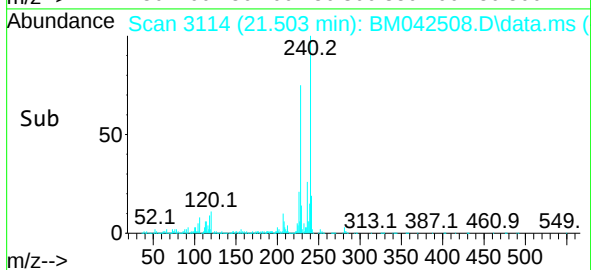
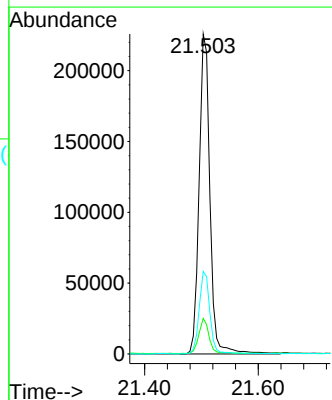
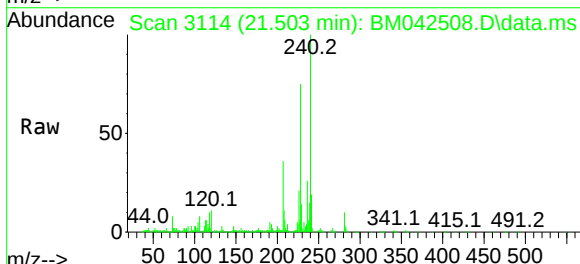
Instrument :
BNA_M
ClientSampleId :
PB156565BS

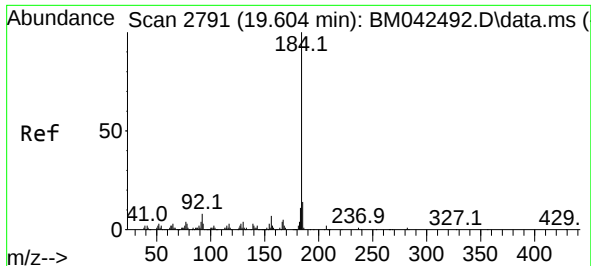
Tgt Ion:202 Resp: 1213417
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.5
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:240 Resp: 299856
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.8 20.8 31.2

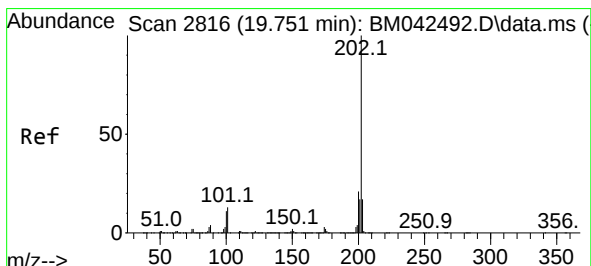
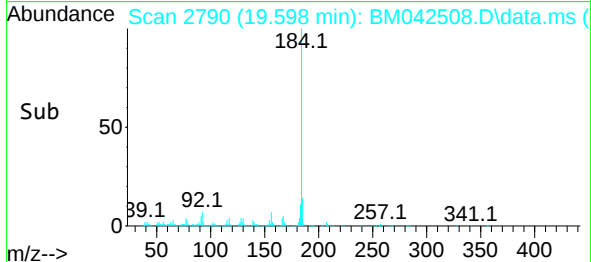
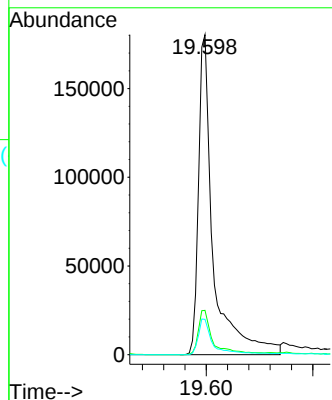
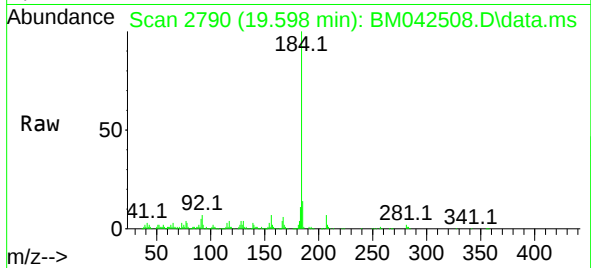




#77
Benzidine
Concen: 120.821 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

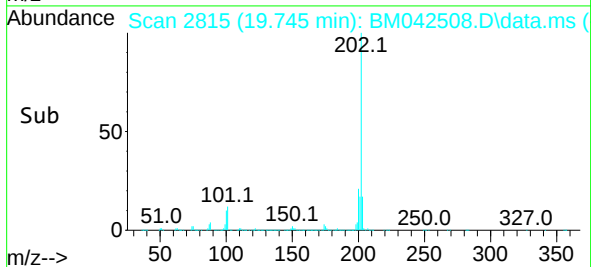
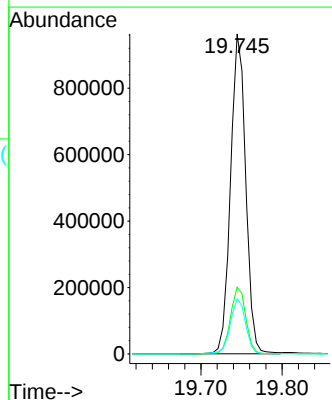
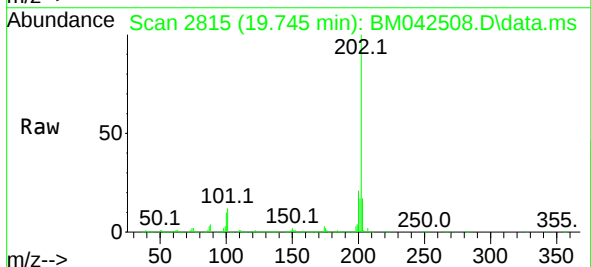
Instrument :
BNA_M
ClientSampleId :
PB156565BS

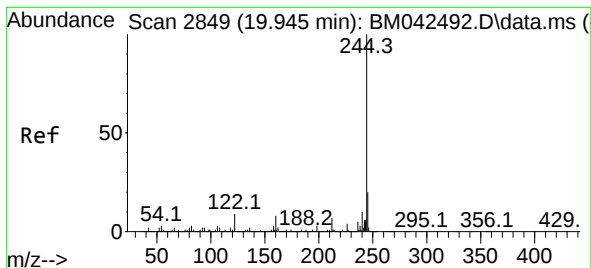
Tgt Ion:184 Resp: 347519
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.1 9.0 13.4



#78
Pyrene
Concen: 60.653 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:202 Resp: 1248845
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.2 13.7 20.5





#79

Terphenyl-d14

Concen: 122.039 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

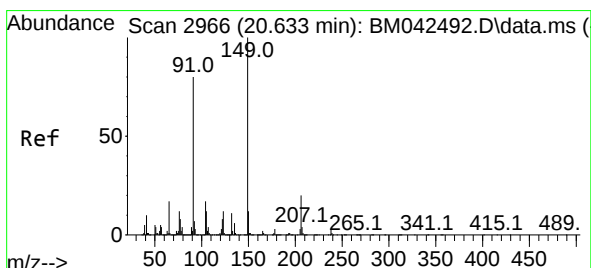
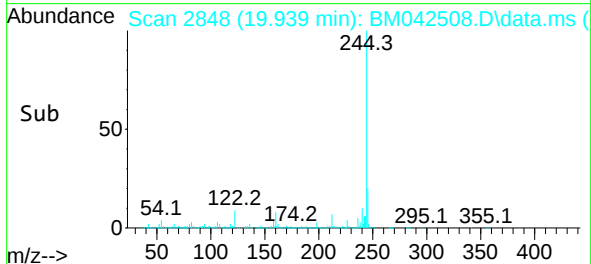
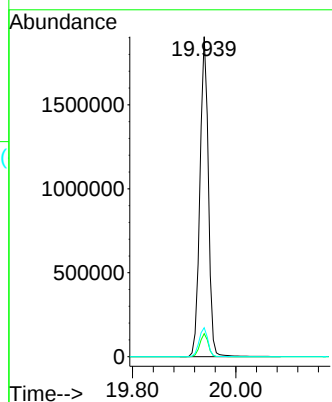
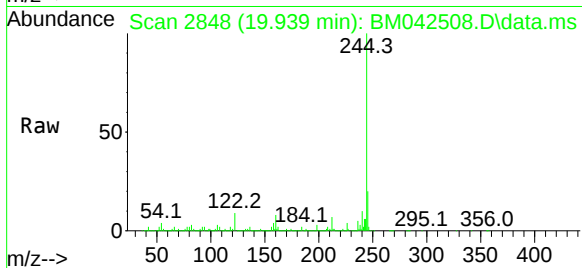
Tgt Ion:244 Resp: 2158181

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 9.1 7.2 10.8



#80

Butylbenzylphthalate

Concen: 58.097 ng

RT: 20.627 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

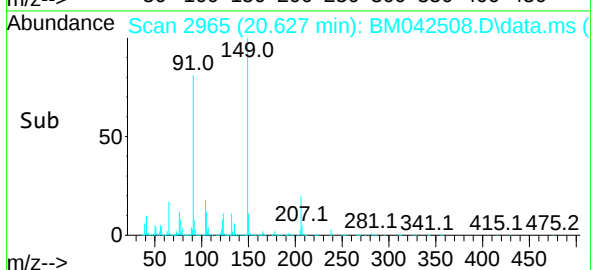
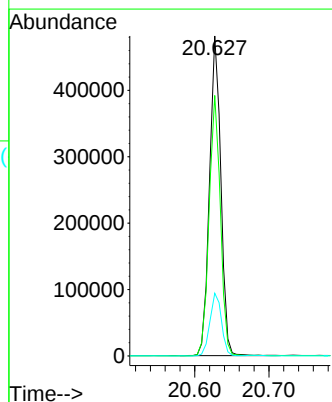
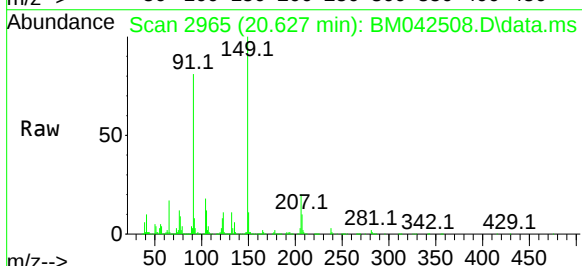
Tgt Ion:149 Resp: 510915

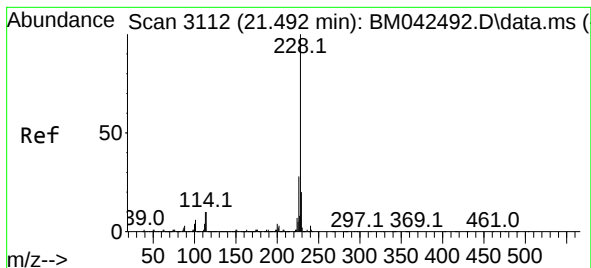
Ion Ratio Lower Upper

149 100

91 81.4 64.2 96.4

206 19.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 53.406 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

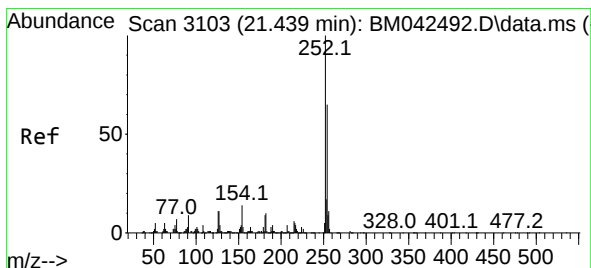
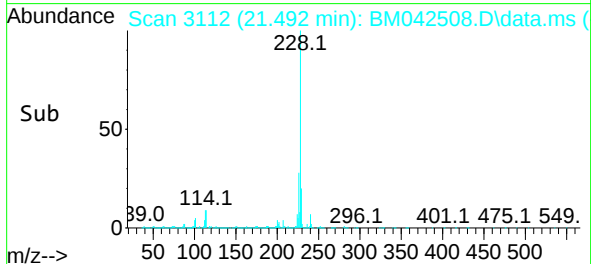
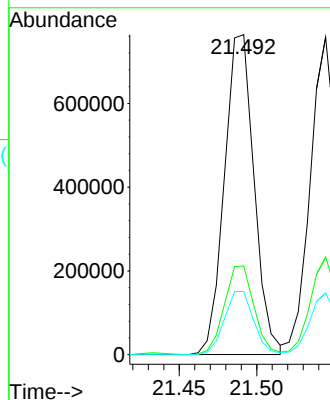
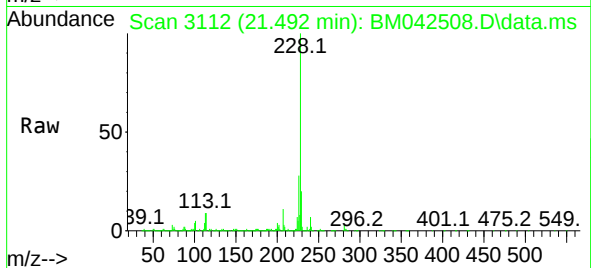
Tgt Ion:228 Resp: 1018901

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 54.224 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

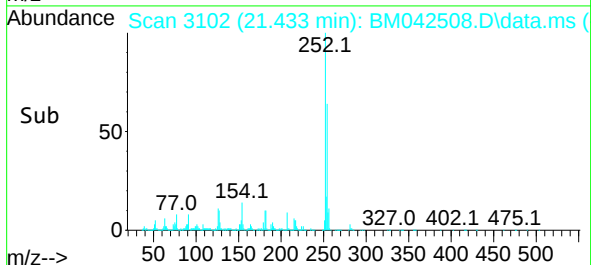
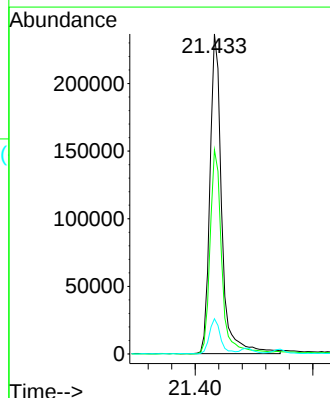
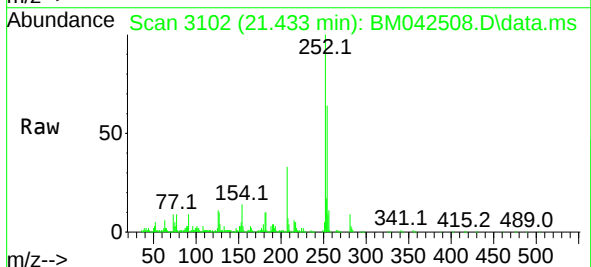
Tgt Ion:252 Resp: 328785

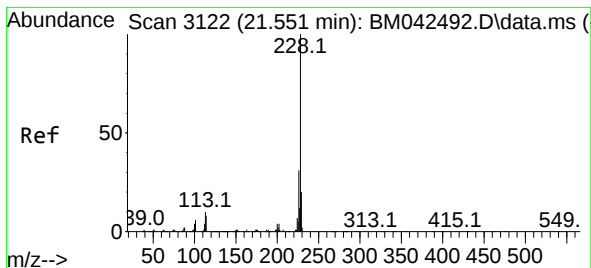
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.4

126 11.0 8.9 13.3





#83

Chrysene

Concen: 50.099 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

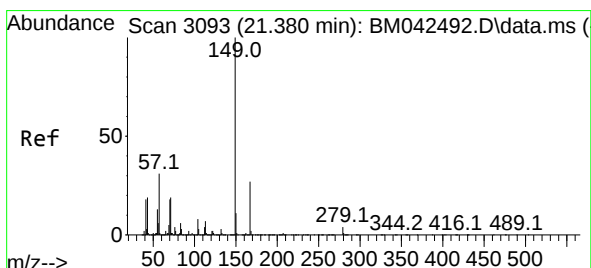
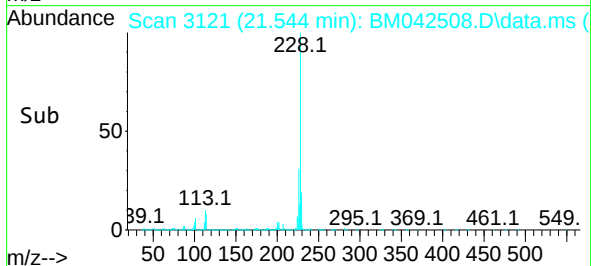
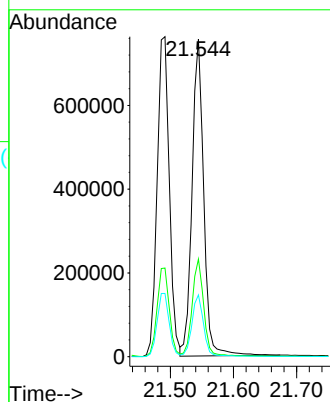
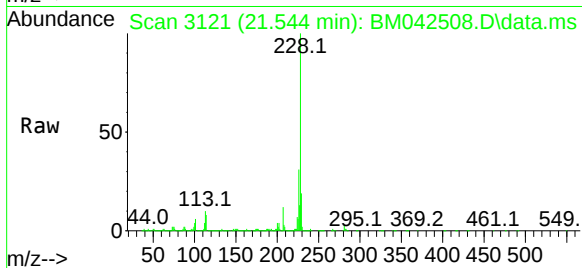
Tgt Ion:228 Resp: 970904

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.782 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

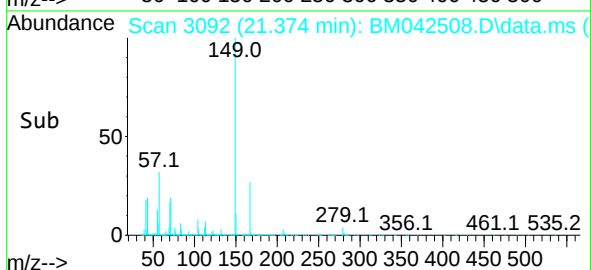
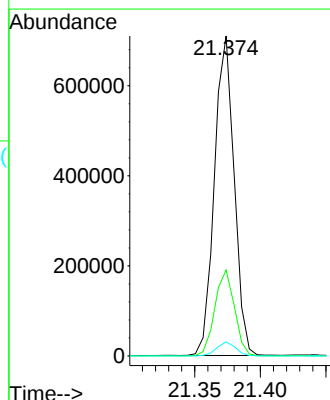
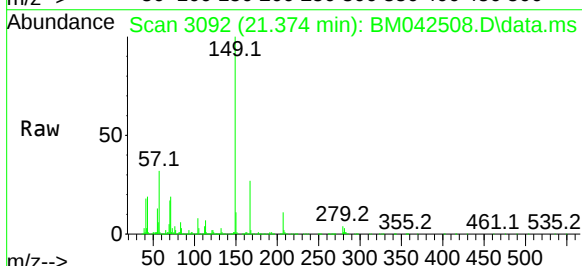
Tgt Ion:149 Resp: 741380

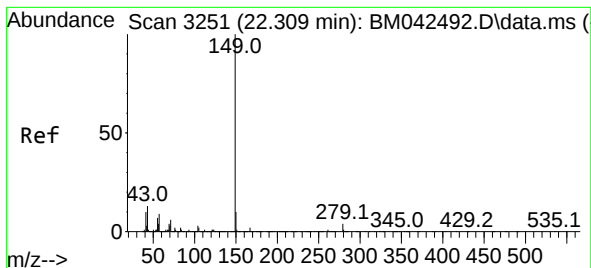
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 52.501 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

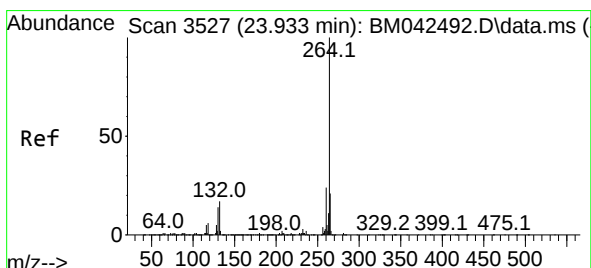
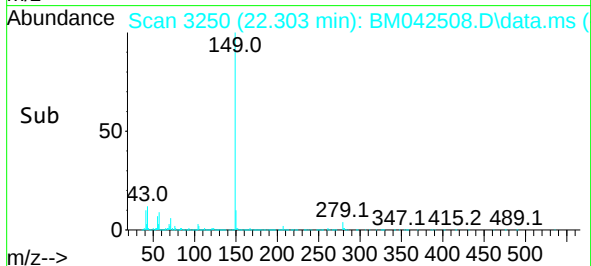
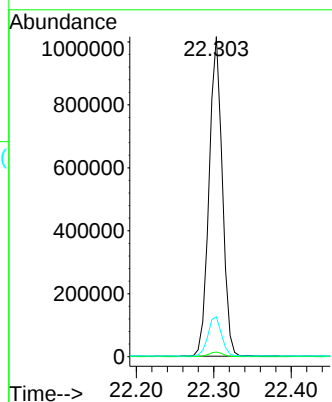
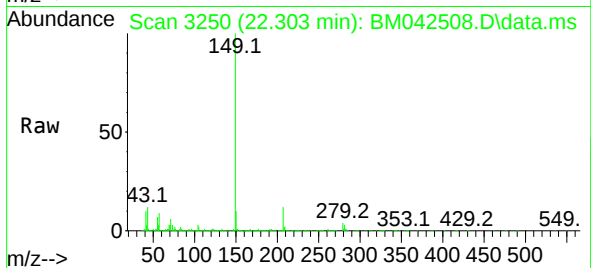
Tgt Ion:149 Resp: 1201054

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.6 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

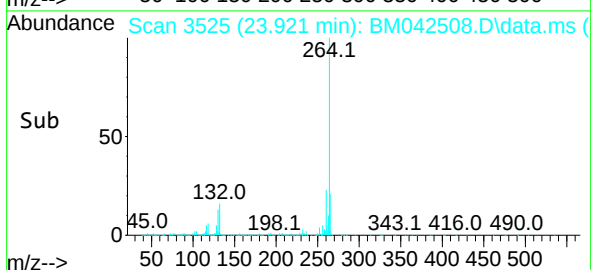
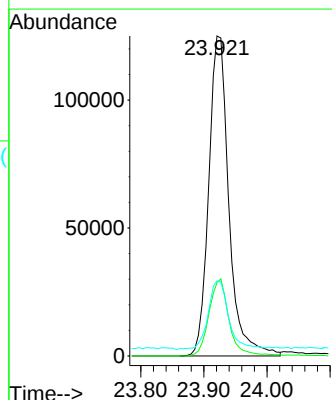
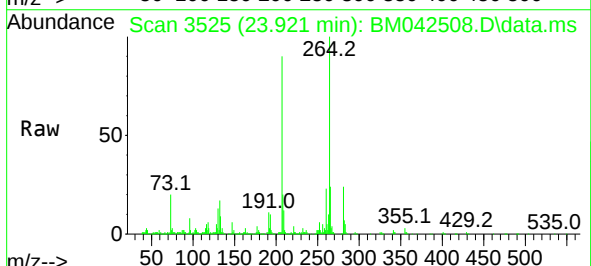
Tgt Ion:264 Resp: 277090

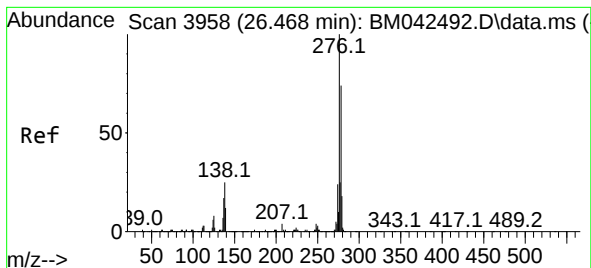
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 23.5 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.566 ng

RT: 26.450 min Scan# 3399

Delta R.T. -0.018 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

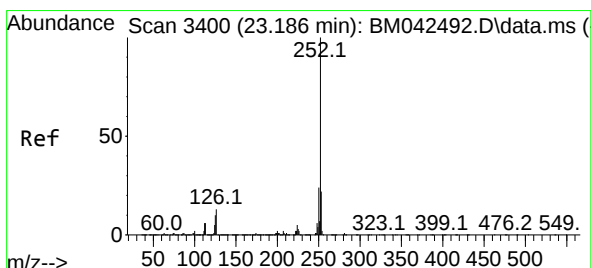
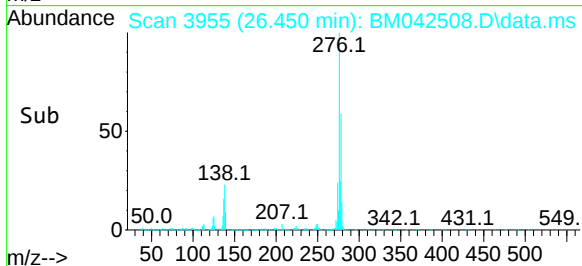
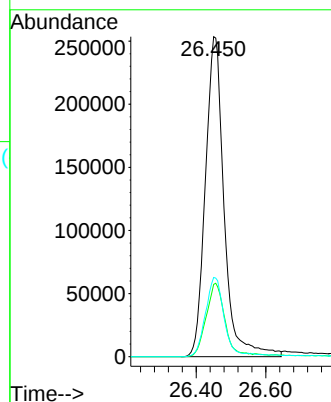
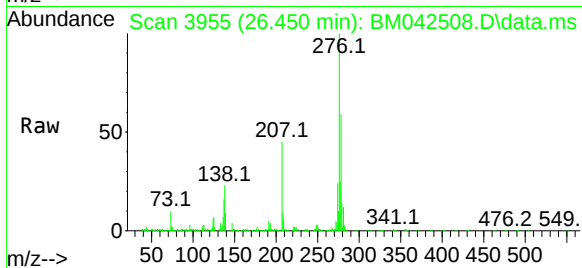
Tgt Ion:276 Resp: 949363

Ion Ratio Lower Upper

276 100

138 22.8 20.6 31.0

277 25.0 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 57.448 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

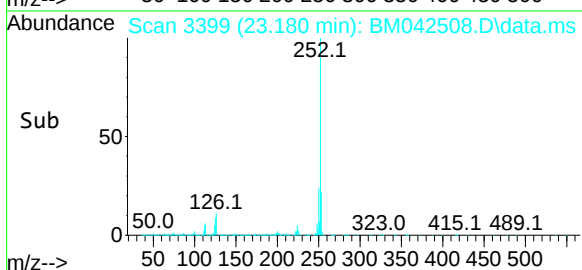
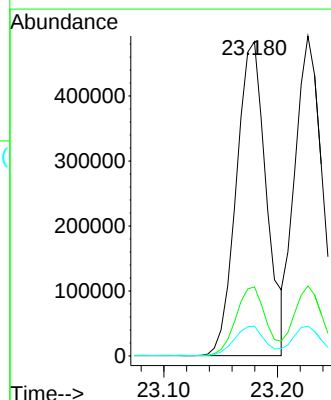
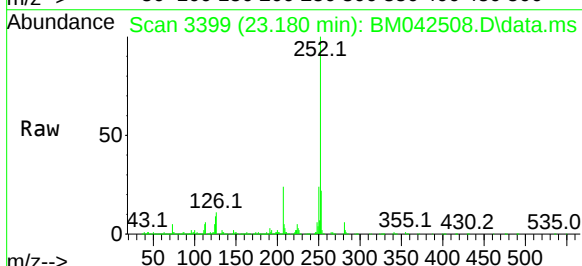
Tgt Ion:252 Resp: 886834

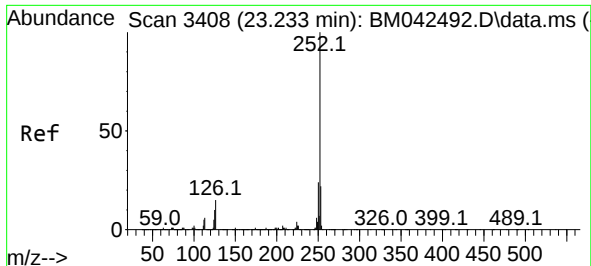
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 7.8 11.6

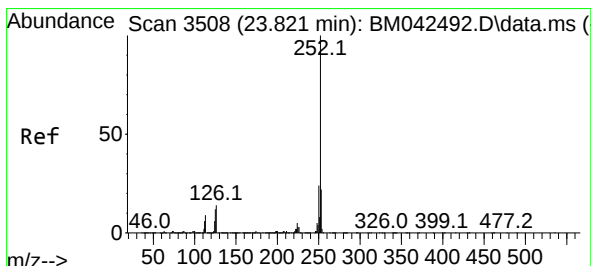
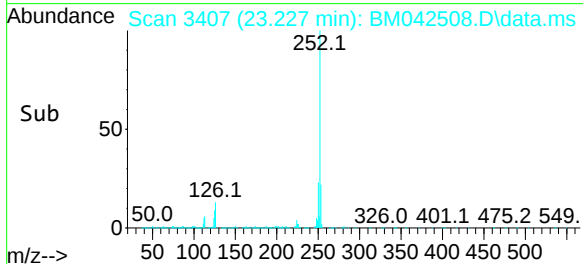
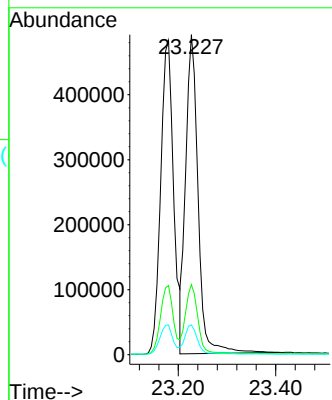
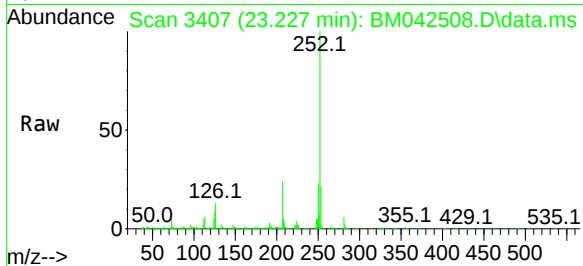




#89
Benzo(k)fluoranthene
Concen: 50.371 ng
RT: 23.227 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

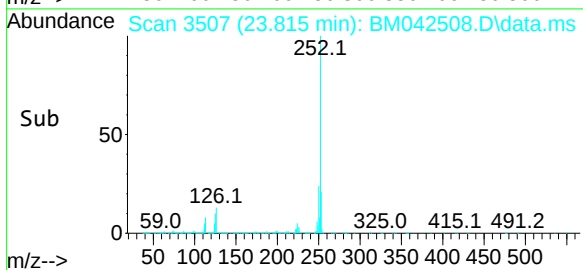
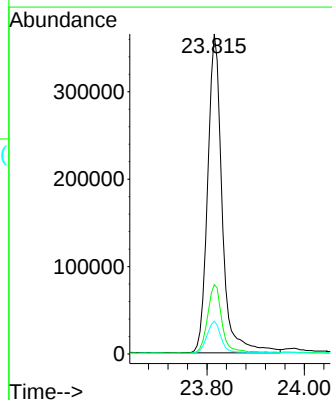
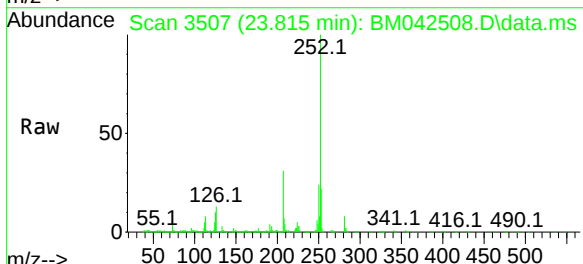
Instrument :
BNA_M
ClientSampleId :
PB156565BS

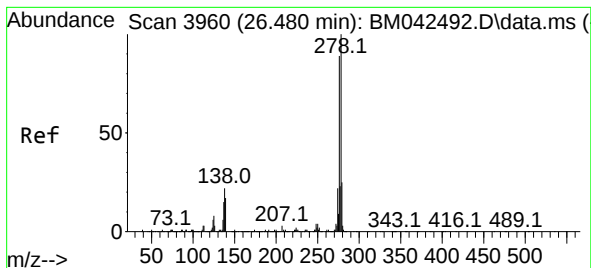
Tgt Ion:252 Resp: 866477
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 49.437 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM042508.D
Acq: 31 Oct 2023 13:01

Tgt Ion:252 Resp: 751361
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.687 ng

RT: 26.468 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Instrument :

BNA_M

ClientSampleId :

PB156565BS

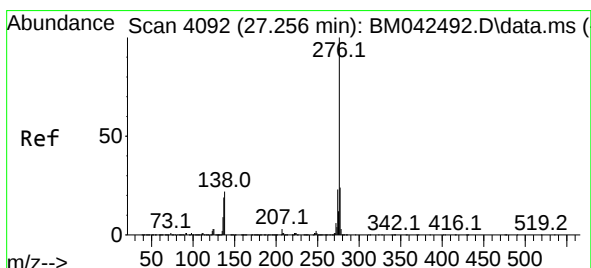
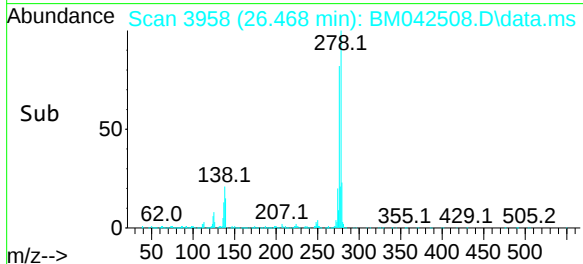
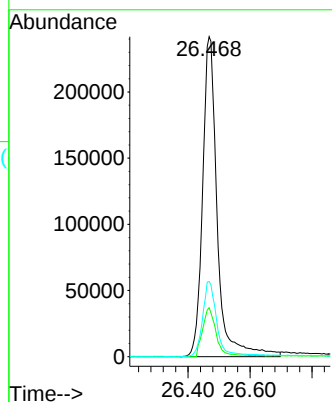
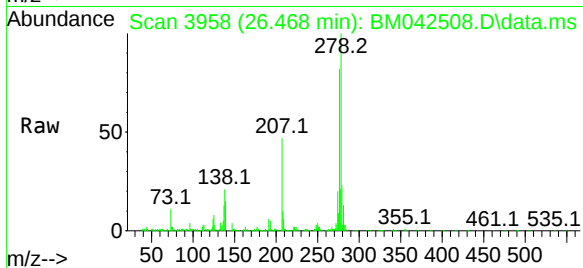
Tgt Ion:278 Resp: 792219

Ion Ratio Lower Upper

278 100

139 15.3 13.4 20.2

279 23.5 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 56.040 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BM042508.D

Acq: 31 Oct 2023 13:01

Tgt Ion:276 Resp: 814544

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 19.6 17.3 25.9

