

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042507.D
 Acq On : 31 Oct 2023 12:25
 Operator : MA/JU
 Sample : PB156500BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

Quant Time: Nov 01 01:24:34 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	7.922	152	107459	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	434565	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	244275	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	455634	20.000	ng	0.00
76) Chrysene-d12	21.503	240	331783	20.000	ng	0.00
86) Perylene-d12	23.921	264	308790	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1029239	154.577	ng	0.00
7) Phenol-d6	7.098	99	1300227	142.385	ng	0.00
23) Nitrobenzene-d5	9.128	82	893796	95.879	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	461729	144.778	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1780848	98.099	ng	0.00
79) Terphenyl-d14	19.939	244	2235915	114.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	123394	38.886	ng	98
3) Pyridine	3.752	79	289003	31.749	ng	98
4) n-Nitrosodimethylamine	3.669	42	208736	47.650	ng	93
6) Aniline	7.275	93	412638	35.549	ng	98
8) 2-Chlorophenol	7.487	128	356415	49.643	ng	98
10) Phenol	7.128	94	455988	49.167	ng	97
11) bis(2-Chloroethyl)ether	7.369	93	360723	45.976	ng	98
12) 1,3-Dichlorobenzene	7.804	146	379518	48.911	ng	99
13) 1,4-Dichlorobenzene	7.963	146	387483	49.342	ng	97
14) 1,2-Dichlorobenzene	8.275	146	372041	49.070	ng	99
15) Benzyl Alcohol	8.192	79	338509	52.361	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.439	45	284758	22.807	ng	99
17) 2-Methylphenol	8.381	107	300509	45.762	ng	98
18) Hexachloroethane	8.986	117	155561	50.627	ng	96
19) n-Nitroso-di-n-propyla...	8.751	70	300168	46.466	ng	96
20) 3+4-Methylphenols	8.716	107	397345	45.258	ng	96
22) Acetophenone	8.781	105	545813	49.801	ng	# 100
24) Nitrobenzene	9.175	77	446205	48.596	ng	99
25) Isophorone	9.686	82	775748	47.015	ng	99
26) 2-Nitrophenol	9.869	139	186549	47.794	ng	97
27) 2,4-Dimethylphenol	9.916	122	323390	51.233	ng	98
28) bis(2-Chloroethoxy)met...	10.169	93	476741	47.959	ng	99
29) 2,4-Dichlorophenol	10.392	162	326115	52.214	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	355226	51.898	ng	98
31) Naphthalene	10.798	128	1077640	47.998	ng	100
32) Benzoic acid	10.086	122	218545	43.034	ng	98
33) 4-Chloroaniline	10.939	127	286751	32.755	ng	98
34) Hexachlorobutadiene	11.022	225	222971	53.653	ng	99
35) Caprolactam	11.798	113	89690	40.872	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	338757	47.659	ng	99
37) 2-Methylnaphthalene	12.398	142	719461	45.501	ng	99
38) 1-Methylnaphthalene	12.622	142	670390	45.043	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	394090	54.002	ng	100
41) Hexachlorocyclopentadiene	12.698	237	545506	121.284	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	251048	53.710	ng	98
44) 2,4,5-Trichlorophenol	13.086	196	272452	48.983	ng	# 94

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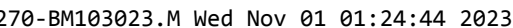
Instrument :
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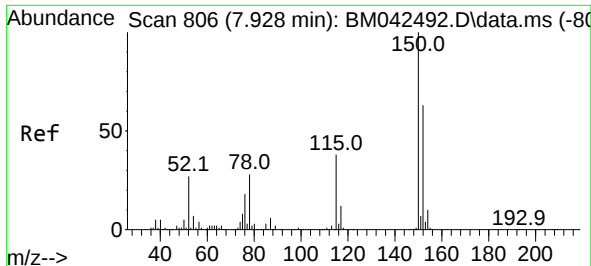
Quant Time: Nov 01 01:24:34 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.410	154	930073	49.809	ng	99
47) 2-Chloronaphthalene	13.463	162	690567	50.412	ng	99
48) 2-Nitroaniline	13.704	65	232793	42.665	ng	96
49) Acenaphthylene	14.304	152	1084665	47.810	ng	99
50) Dimethylphthalate	14.045	163	828474	45.378	ng	99
51) 2,6-Dinitrotoluene	14.192	165	173228	46.037	ng	99
52) Acenaphthene	14.639	154	650606	47.253	ng	98
53) 3-Nitroaniline	14.533	138	126295	31.569	ng	97
54) 2,4-Dinitrophenol	14.733	184	220418	82.305	ng	99
55) Dibenzofuran	14.974	168	1035601	46.260	ng	99
56) 4-Nitrophenol	14.833	139	266205	78.042	ng	96
57) 2,4-Dinitrotoluene	14.974	165	232653	41.397	ng	97
58) Fluorene	15.621	166	824683	45.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	226403	48.327	ng	98
60) Diethylphthalate	15.392	149	811028	43.848	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	440950	48.188	ng	97
62) 4-Nitroaniline	15.698	138	135360	37.360	ng	95
63) Azobenzene	15.910	77	945091	46.368	ng	98
65) 4,6-Dinitro-2-methylph...	15.721	198	137658	47.118	ng	94
66) n-Nitrosodiphenylamine	15.845	169	678744	52.832	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	249977	54.867	ng	98
68) Hexachlorobenzene	16.592	284	282572	56.062	ng	97
69) Atrazine	16.792	200	149114	40.168	ng	99
70) Pentachlorophenol	16.957	266	358608	96.776	ng	99
71) Phenanthrene	17.368	178	1166861	49.005	ng	99
72) Anthracene	17.462	178	1154493	48.951	ng	100
73) Carbazole	17.751	167	960504	50.062	ng	100
74) Di-n-butylphthalate	18.268	149	1331669	49.425	ng	99
75) Fluoranthene	19.380	202	1233696	44.108	ng	99
77) Benzidine	19.598	184	385031	120.982	ng	99
78) Pyrene	19.745	202	1281111	56.232	ng	100
80) Butylbenzylphthalate	20.627	149	529168	54.383	ng	98
81) Benzo(a)anthracene	21.492	228	1050653	49.771	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	382620	57.031	ng	97
83) Chrysene	21.545	228	1020860	47.608	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	785641	53.424	ng	99
85) Di-n-octyl phthalate	22.303	149	1266107	50.019	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	996826	54.239	ng	97
88) Benzo(b)fluoranthene	23.174	252	924324	53.729	ng	99
89) Benzo(k)fluoranthene	23.227	252	963315	50.252	ng	99
90) Benzo(a)pyrene	23.815	252	790164	46.653	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	813927	47.975	ng	96
92) Benzo(g,h,i)perylene	27.244	276	857184	52.919	ng	99

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

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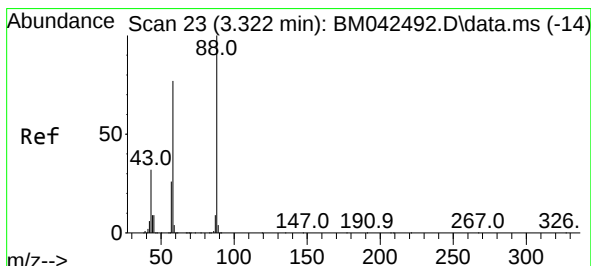
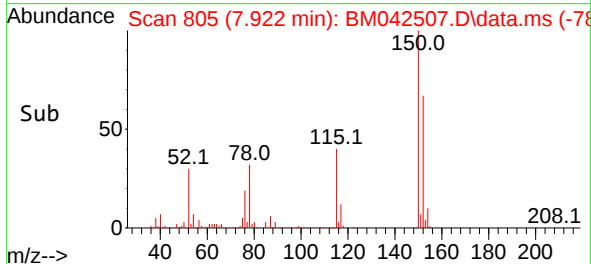
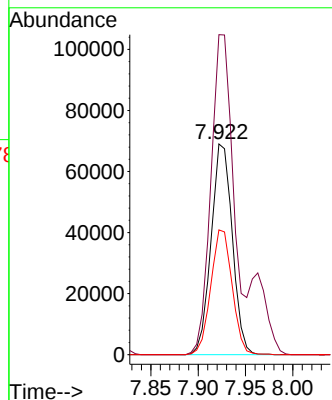
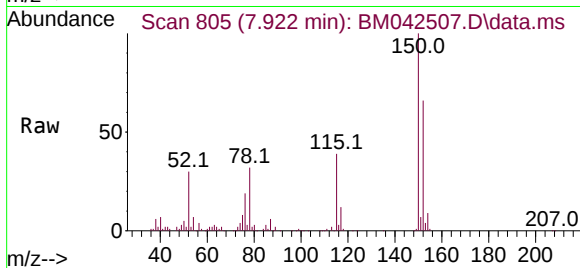




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

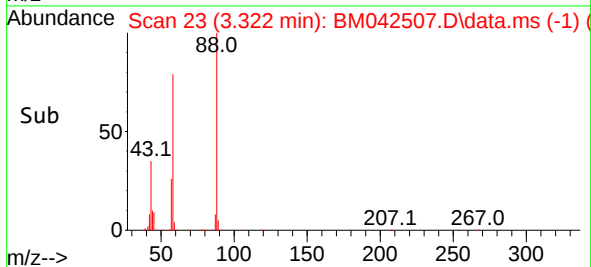
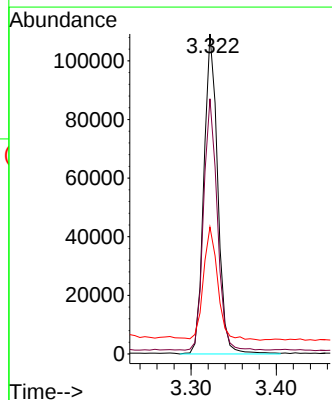
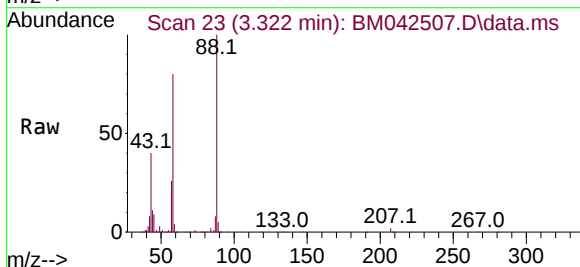
Instrument :
BNA_M
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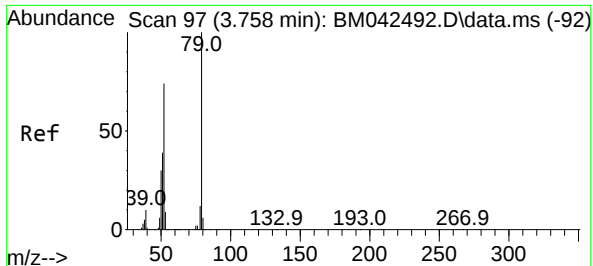
Tgt Ion:152 Resp: 107459
Ion Ratio Lower Upper
152 100
150 151.9 127.4 191.0
115 59.2 47.9 71.9



#2
1,4-Dioxane
Concen: 38.886 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 88 Resp: 123394
Ion Ratio Lower Upper
88 100
58 77.9 62.6 93.8
43 36.3 26.5 39.7

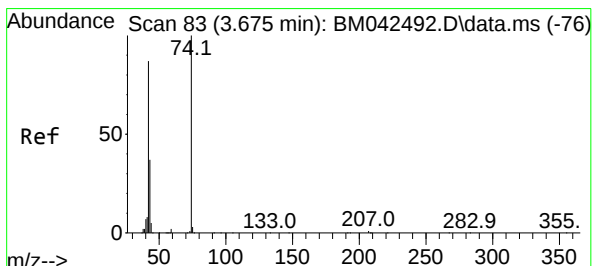
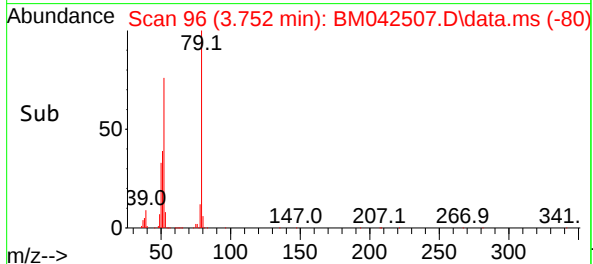
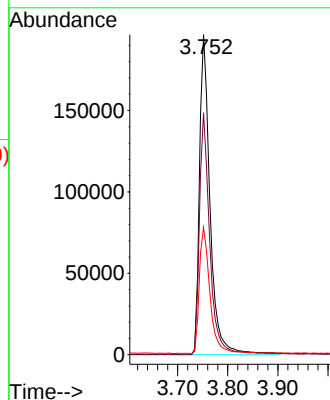
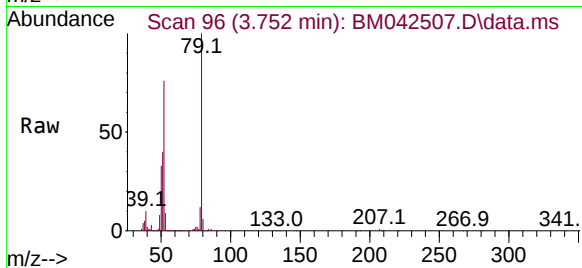




#3
 Pyridine
 Concen: 31.749 ng
 RT: 3.752 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BM042507.D
 Acq: 31 Oct 2023 12:25

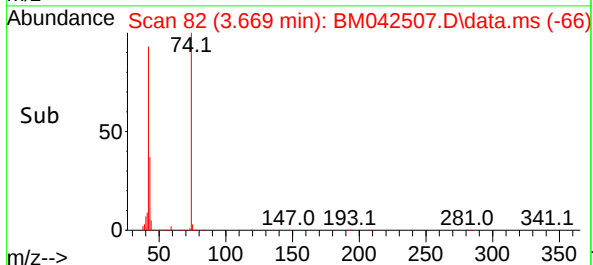
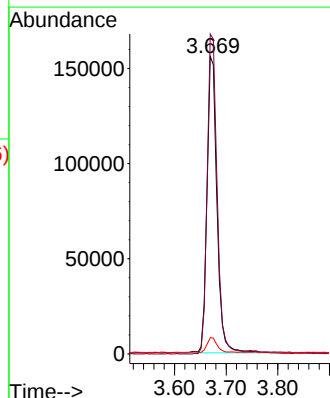
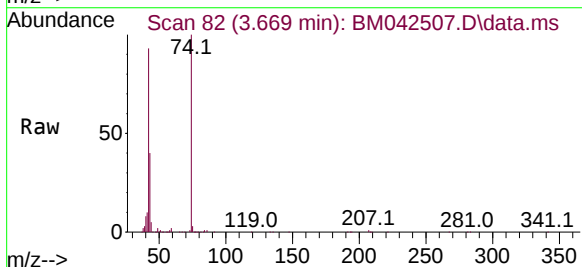
Instrument :
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 ClientSampleId :
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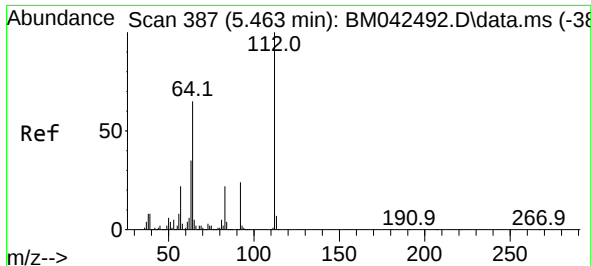
Tgt Ion: 79 Resp: 289003
 Ion Ratio Lower Upper
 79 100
 52 75.6 59.3 88.9
 51 39.8 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 47.650 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042507.D
 Acq: 31 Oct 2023 12:25

Tgt Ion: 42 Resp: 208736
 Ion Ratio Lower Upper
 42 100
 74 107.6 92.2 138.2
 44 5.5 5.1 7.7

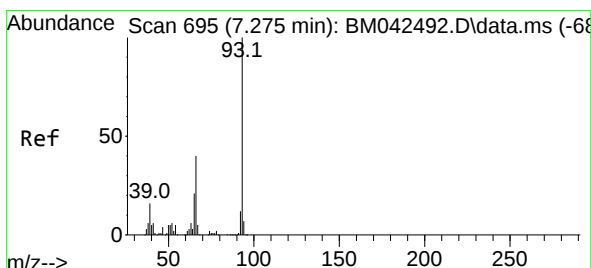
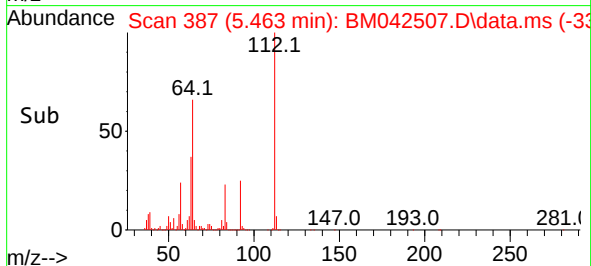
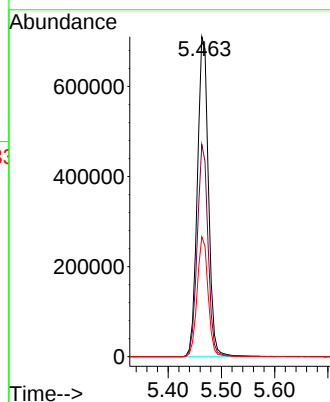
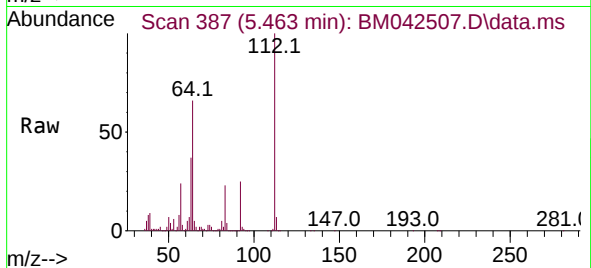




#5
2-Fluorophenol
Concen: 154.577 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

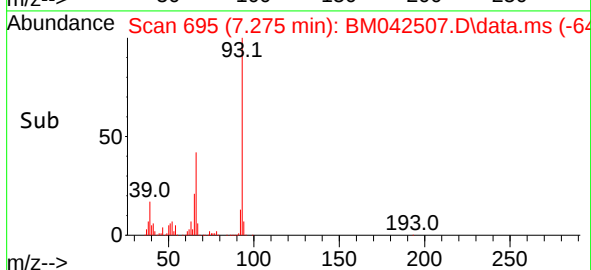
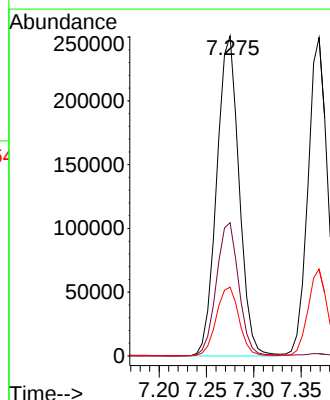
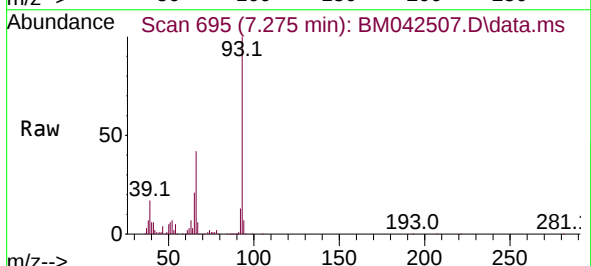
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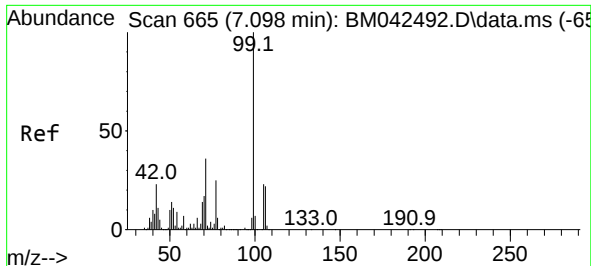
Tgt Ion:112 Resp: 1029239
Ion Ratio Lower Upper
112 100
64 66.3 52.1 78.1
63 37.4 28.3 42.5



#6
Aniline
Concen: 35.549 ng
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 93 Resp: 412638
Ion Ratio Lower Upper
93 100
66 41.6 32.2 48.2
65 21.5 17.0 25.6



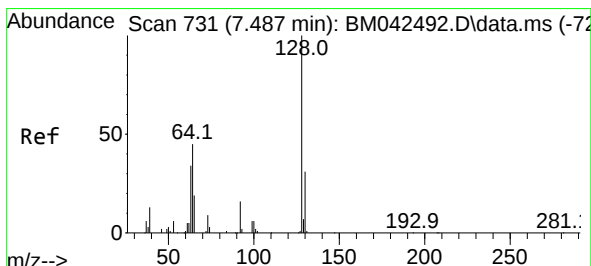
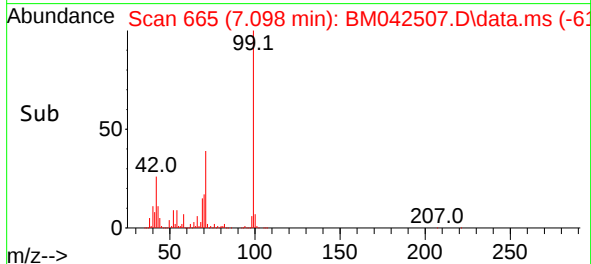
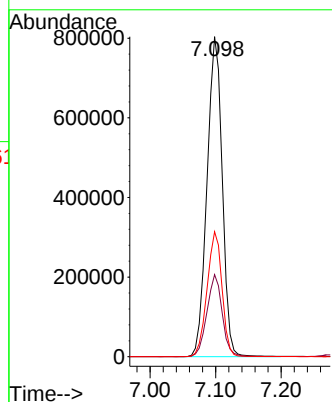
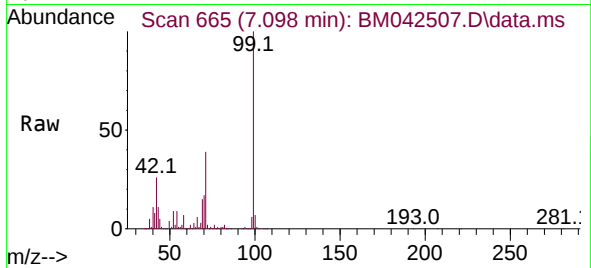


#7
Phenol-d6
Concen: 142.385 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1300227

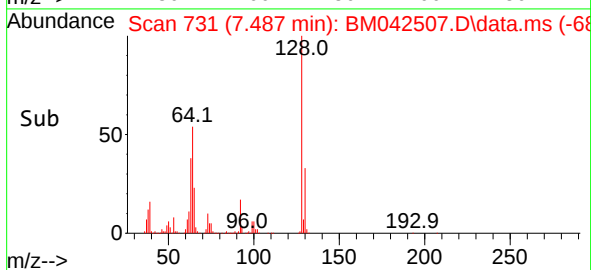
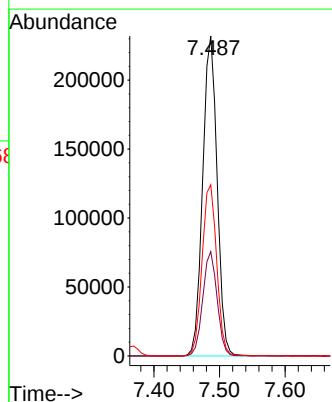
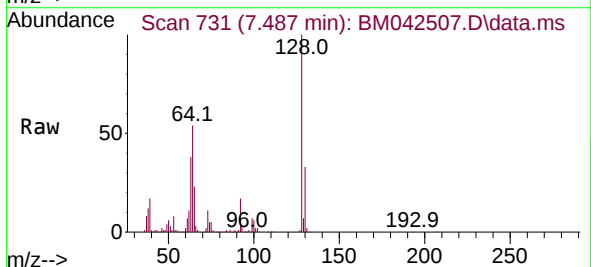
Ion	Ratio	Lower	Upper
99	100		
42	25.6	18.7	28.1
71	39.1	29.1	43.7

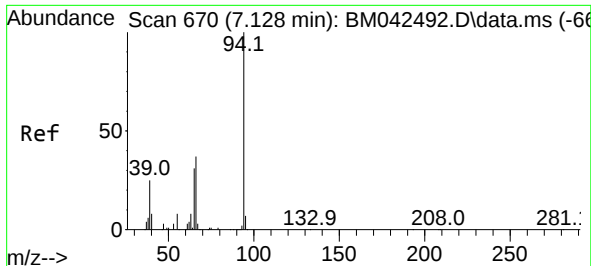


#8
2-Chlorophenol
Concen: 49.643 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:128 Resp: 356415

Ion	Ratio	Lower	Upper
128	100		
130	32.6	11.2	51.2
64	53.5	34.4	74.4

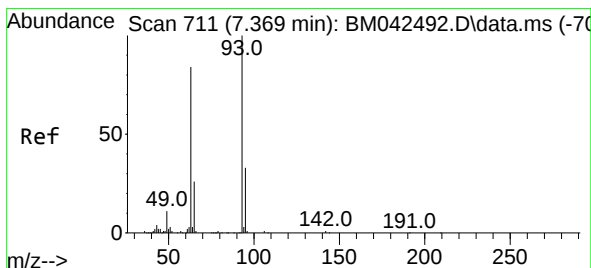
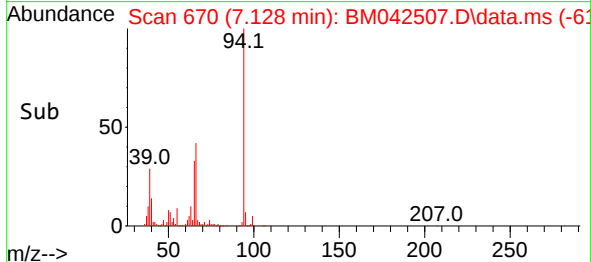
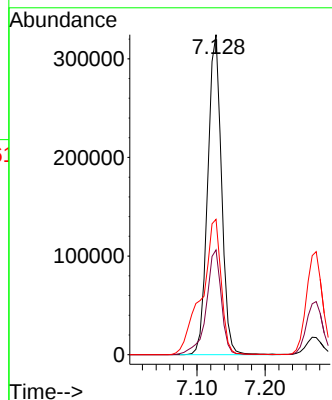
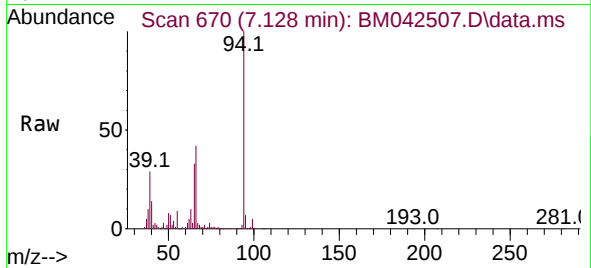




#10
Phenol
Concen: 49.167 ng
RT: 7.128 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

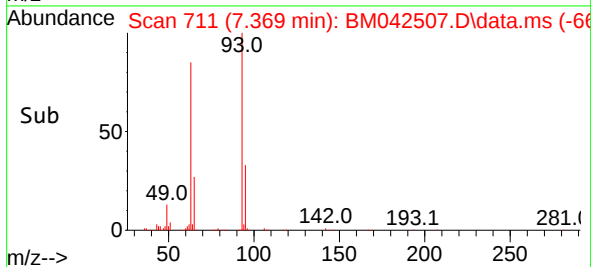
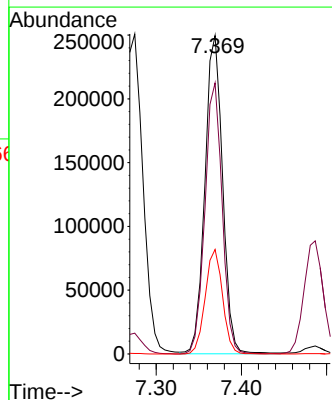
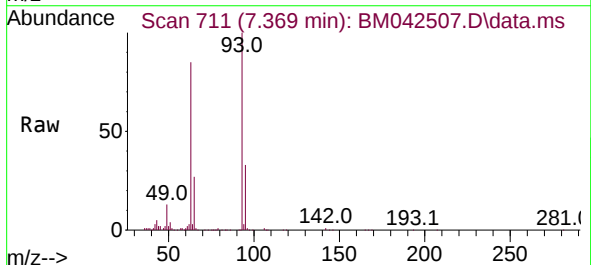
Instrument :
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ClientSampleId :
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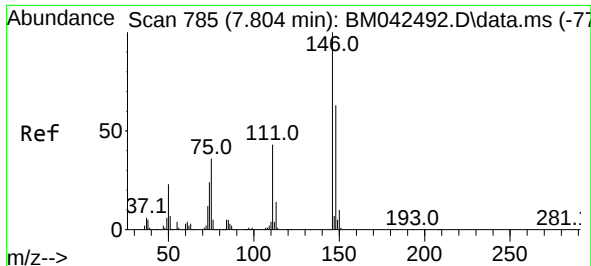
Tgt Ion: 94 Resp: 455988
Ion Ratio Lower Upper
94 100
65 32.8 11.5 51.5
66 42.3 20.0 60.0



#11
bis(2-Chloroethyl)ether
Concen: 45.976 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 93 Resp: 360723
Ion Ratio Lower Upper
93 100
63 85.1 63.2 103.2
95 32.8 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 48.911 ng

RT: 7.804 min Scan# 785

Delta R.T. -0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

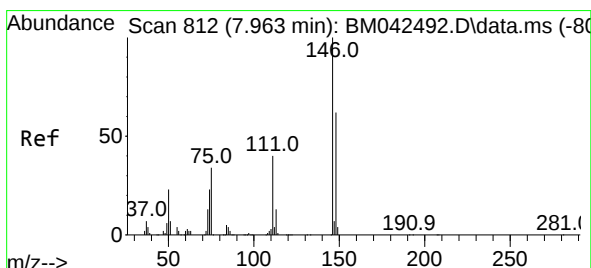
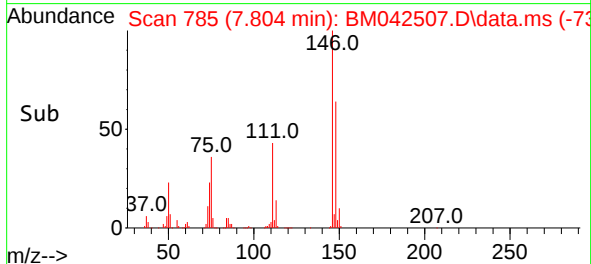
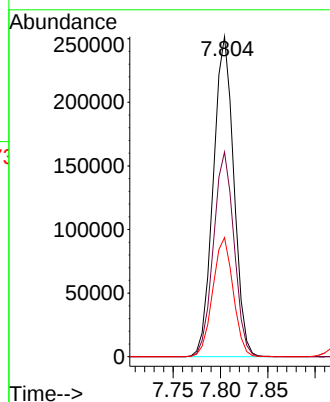
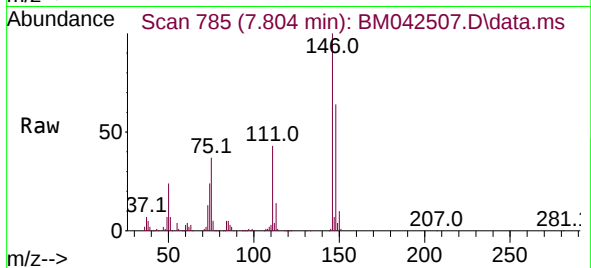
Tgt Ion:146 Resp: 379518

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

75 37.2 28.9 43.3



#13

1,4-Dichlorobenzene

Concen: 49.342 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

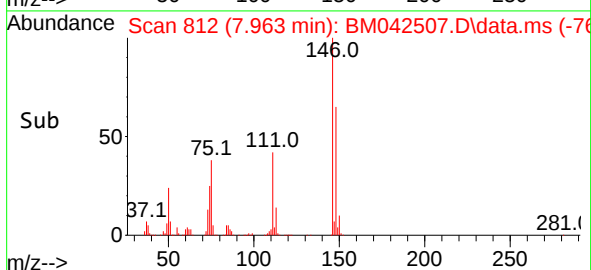
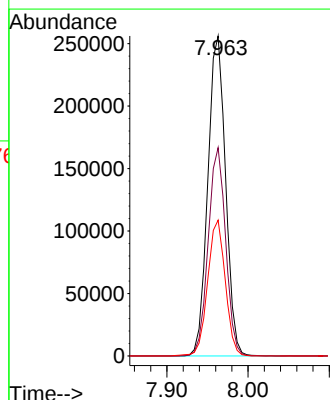
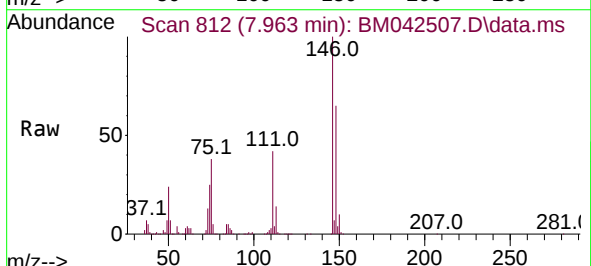
Tgt Ion:146 Resp: 387483

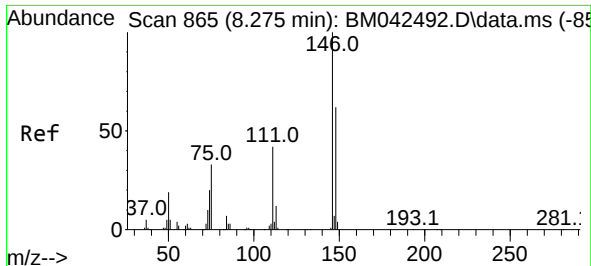
Ion Ratio Lower Upper

146 100

148 65.1 50.0 75.0

111 42.5 32.5 48.7

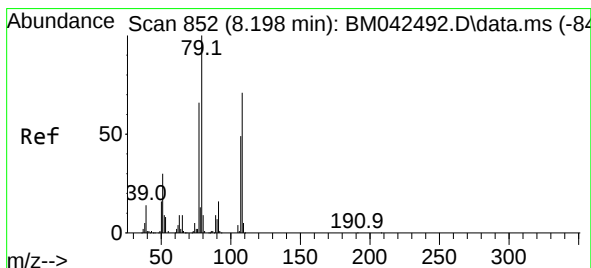
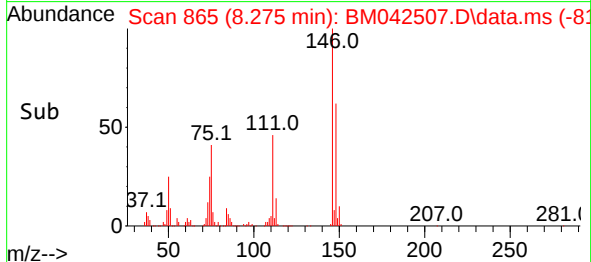
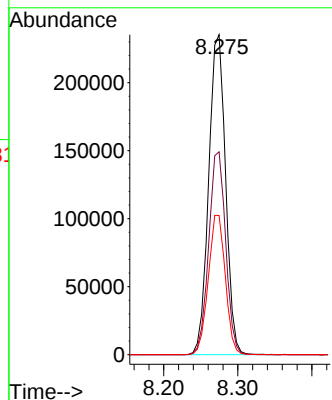
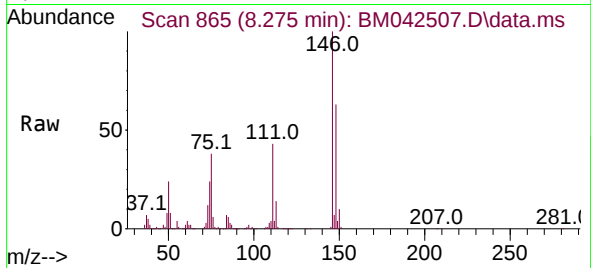




#14
1,2-Dichlorobenzene
Concen: 49.070 ng
RT: 8.275 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

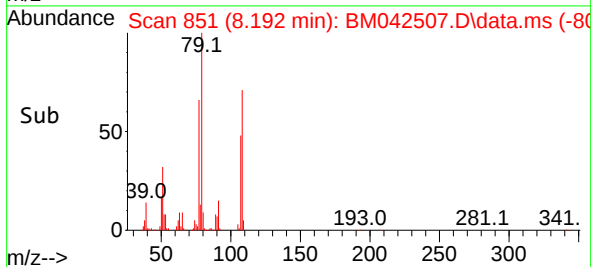
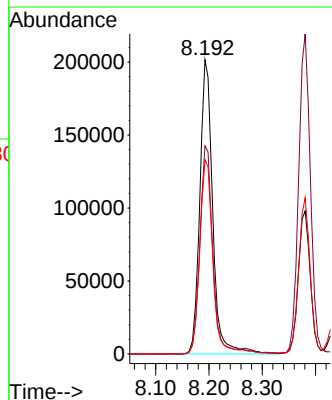
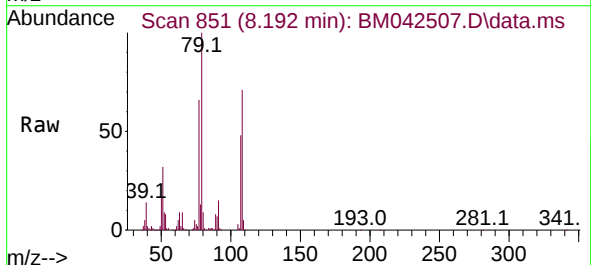
Instrument :
BNA_M
ClientSampleId :
PB156500BS

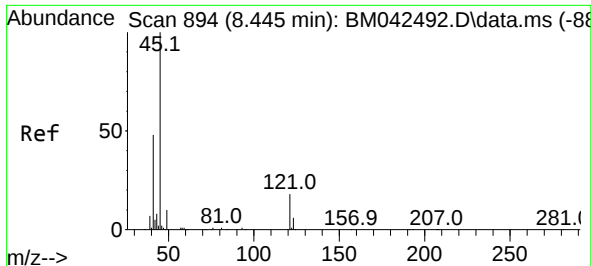
Tgt Ion:146 Resp: 372041
Ion Ratio Lower Upper
146 100
148 63.4 50.0 75.0
111 43.5 34.5 51.7



#15
Benzyl Alcohol
Concen: 52.361 ng
RT: 8.192 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 79 Resp: 338509
Ion Ratio Lower Upper
79 100
108 70.7 56.8 85.2
77 66.0 53.0 79.4

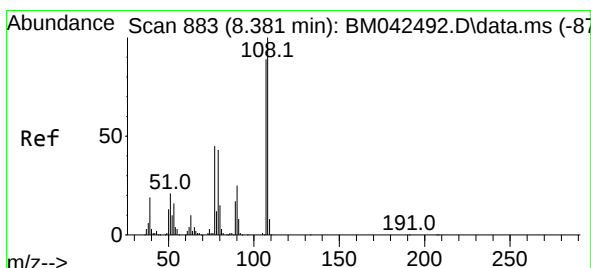
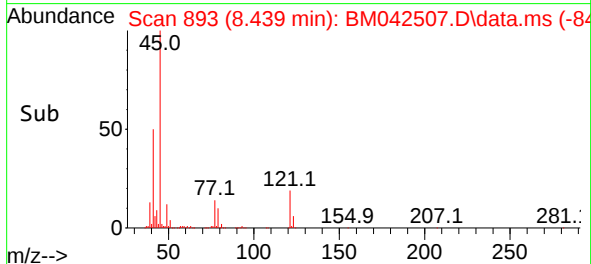
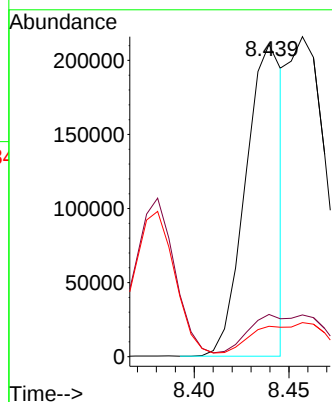
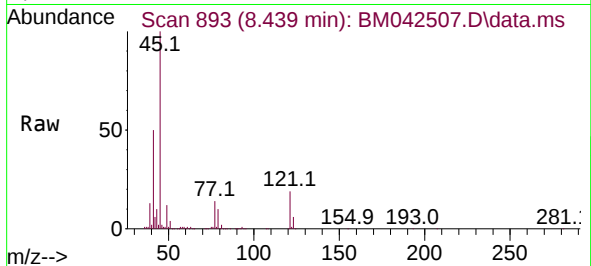




#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.807 ng
RT: 8.439 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

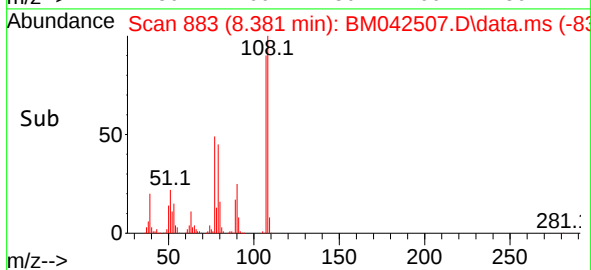
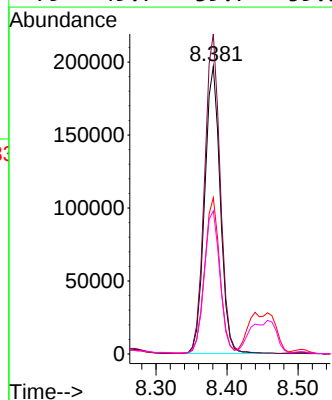
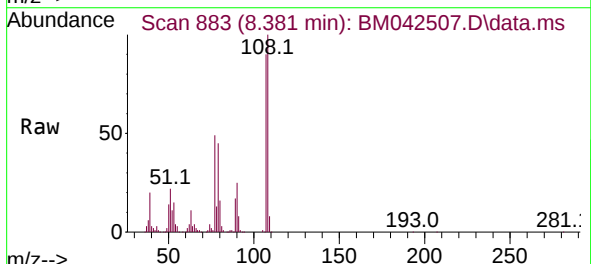
Instrument :
BNA_M
ClientSampleId :
PB156500BS

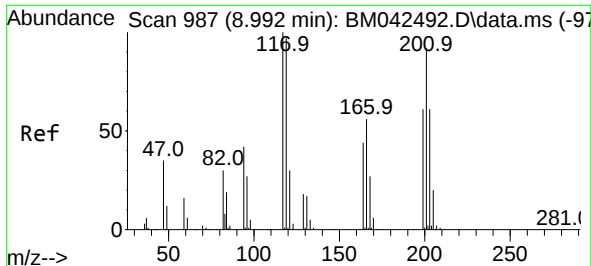
Tgt Ion: 45 Resp: 284758
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.0
79 9.8 0.0 29.5



#17
2-Methylphenol
Concen: 45.762 ng
RT: 8.381 min Scan# 883
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 107 Resp: 300509
Ion Ratio Lower Upper
107 100
108 111.2 90.4 135.6
77 54.3 40.6 60.8
79 49.7 39.7 59.5

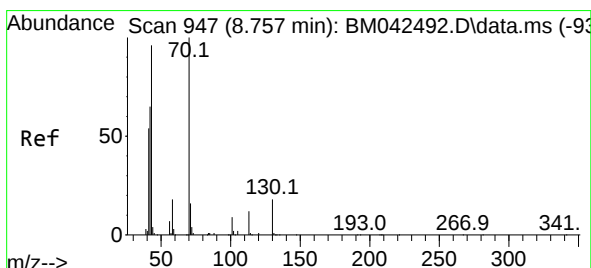
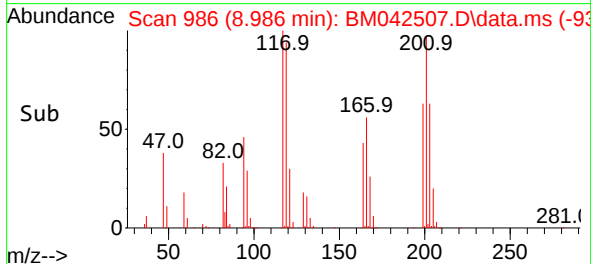
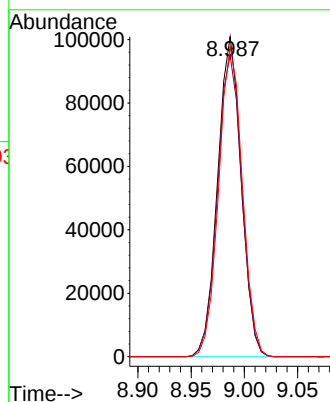
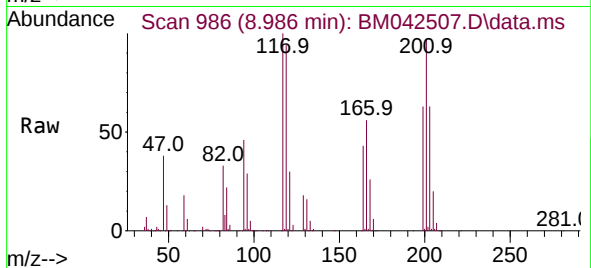




#18
Hexachloroethane
Concen: 50.627 ng
RT: 8.986 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

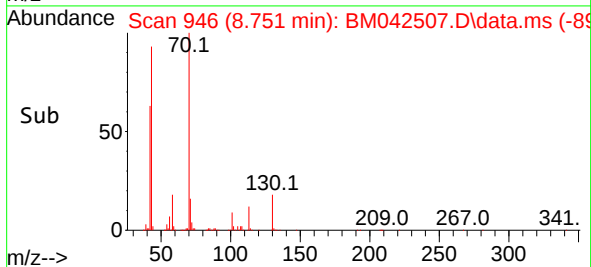
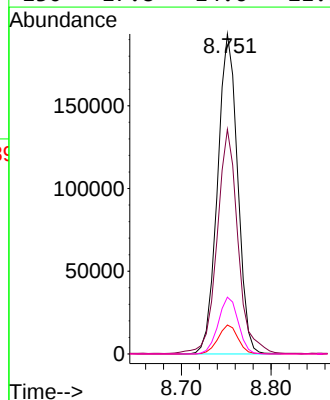
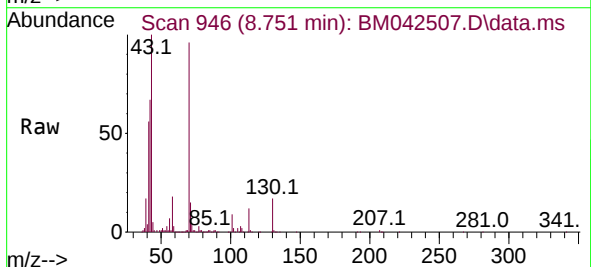
Instrument :
BNA_M
ClientSampleId :
PB156500BS

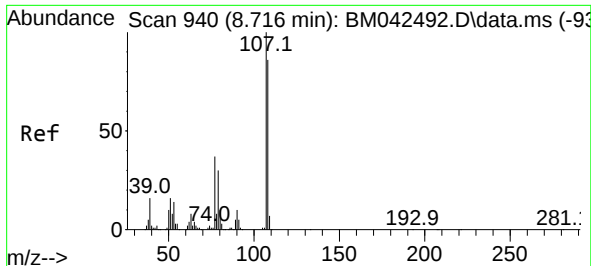
Tgt Ion:117 Resp: 155561
Ion Ratio Lower Upper
117 100
119 94.2 77.9 116.9
201 96.9 73.7 110.5



#19
n-Nitroso-di-n-propylamine
Concen: 46.466 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 70 Resp: 300168
Ion Ratio Lower Upper
70 100
42 70.2 52.5 78.7
101 9.1 7.0 10.4
130 17.8 14.6 21.8



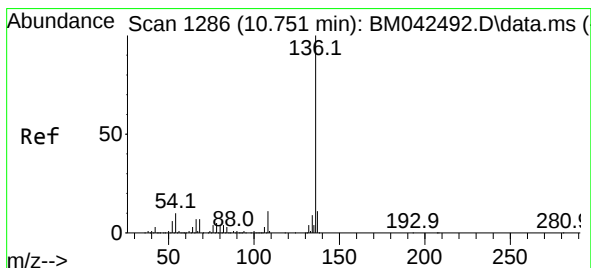
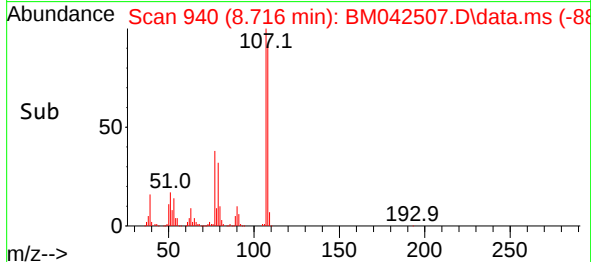
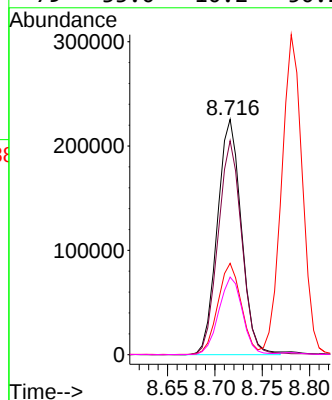
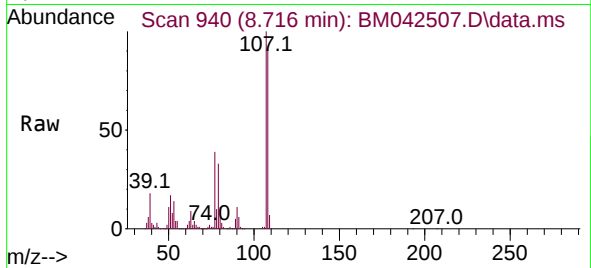


#20
3+4-Methylphenols
Concen: 45.258 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Instrument :
BNA_M
ClientSampleId :
PB156500BS

Tgt Ion:107 Resp: 397345

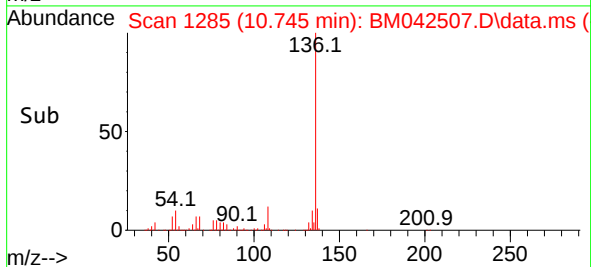
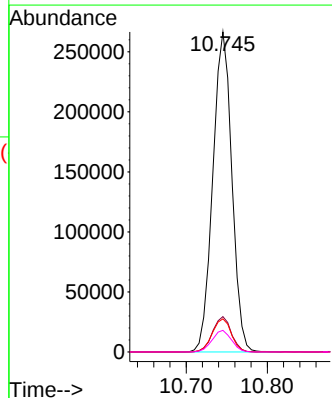
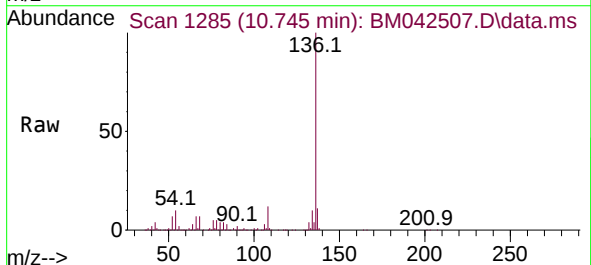
Ion	Ratio	Lower	Upper
107	100		
108	90.9	66.4	106.4
77	38.8	17.6	57.6
79	33.0	10.2	50.2

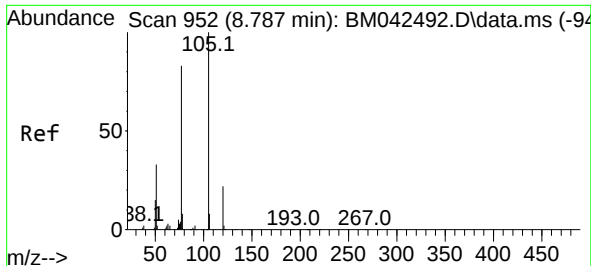


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:136 Resp: 434565

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.4	8.0	12.0
68	6.8	5.7	8.5

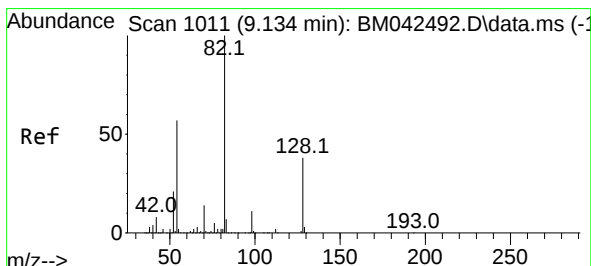
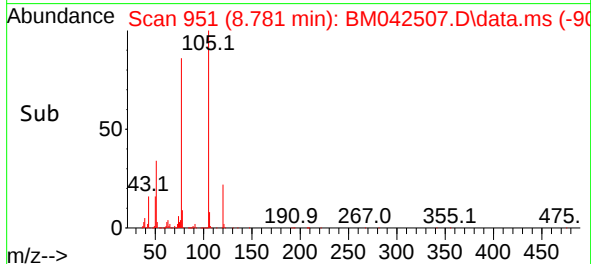
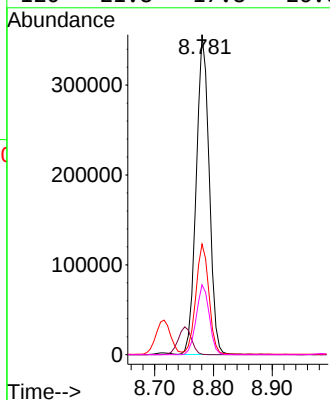
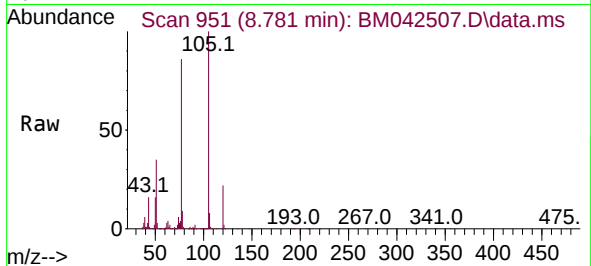




#22
Acetophenone
Concen: 49.801 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

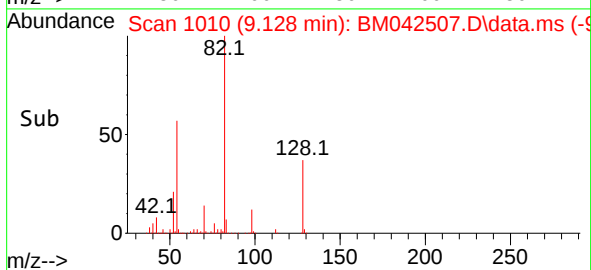
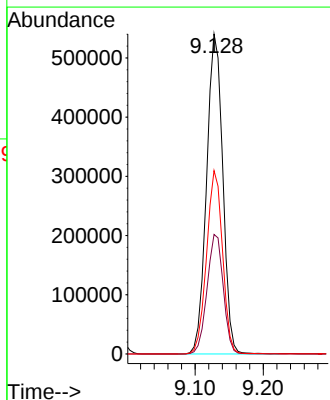
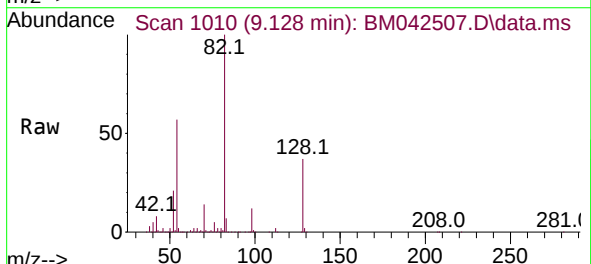
Instrument :
BNA_M
ClientSampleId :
PB156500BS

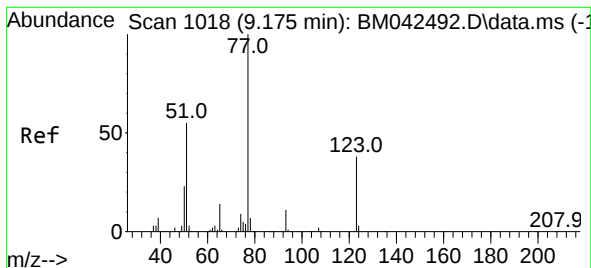
Tgt Ion:105 Resp: 545813
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2#
51 34.5 27.6 41.4
120 21.8 17.8 26.6



#23
Nitrobenzene-d5
Concen: 95.879 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 82 Resp: 893796
Ion Ratio Lower Upper
82 100
128 37.4 30.7 46.1
54 57.3 45.3 67.9





#24

Nitrobenzene

Concen: 48.596 ng

RT: 9.175 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

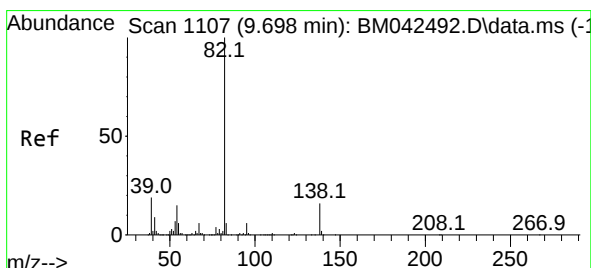
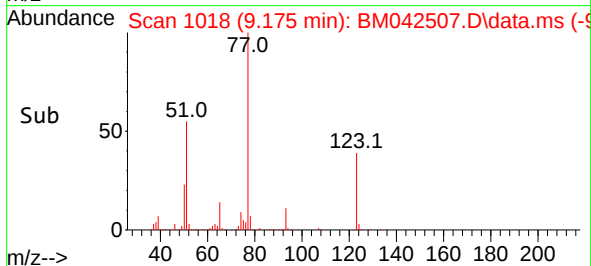
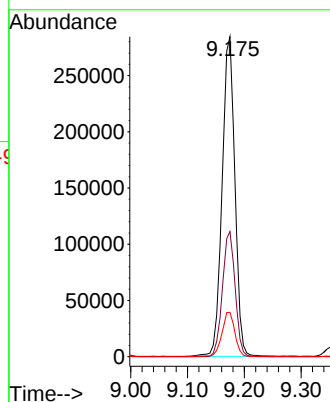
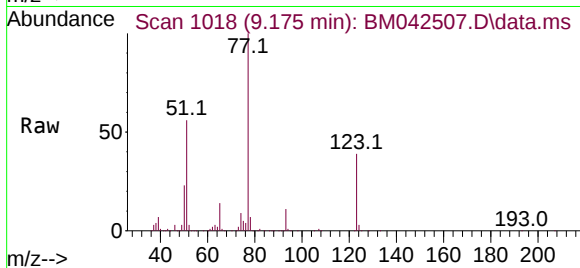
Tgt Ion: 77 Resp: 446205

Ion Ratio Lower Upper

77 100

123 39.1 30.6 46.0

65 13.8 10.8 16.2



#25

Isophorone

Concen: 47.015 ng

RT: 9.686 min Scan# 1105

Delta R.T. -0.012 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

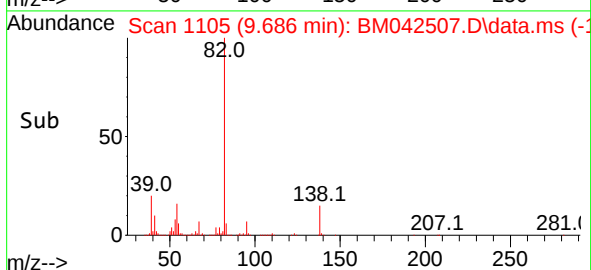
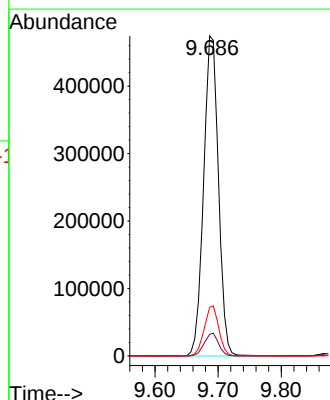
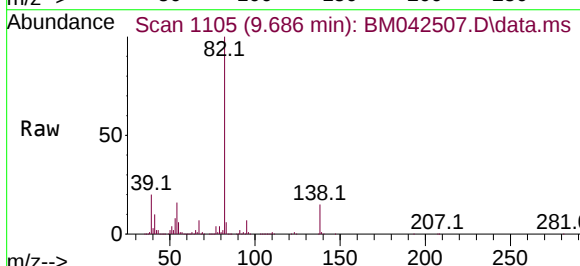
Tgt Ion: 82 Resp: 775748

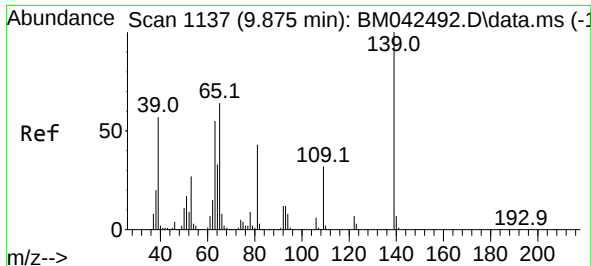
Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 15.2 12.6 18.8

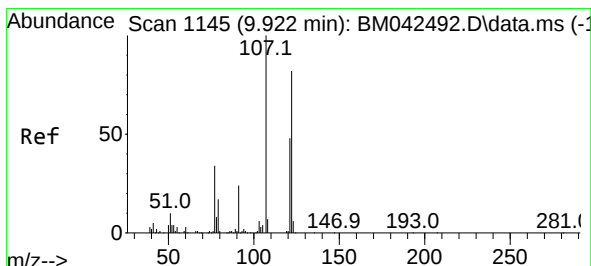
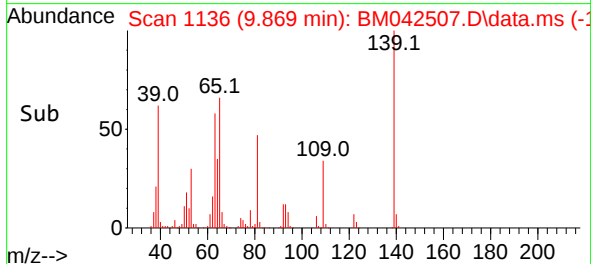
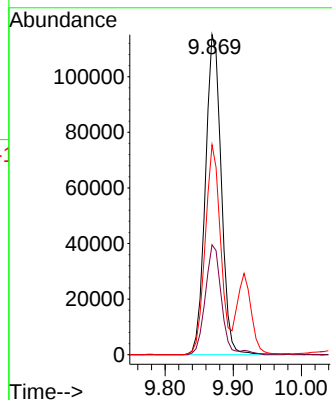
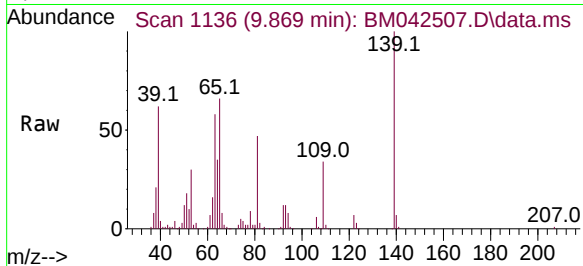




#26
2-Nitrophenol
Concen: 47.794 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

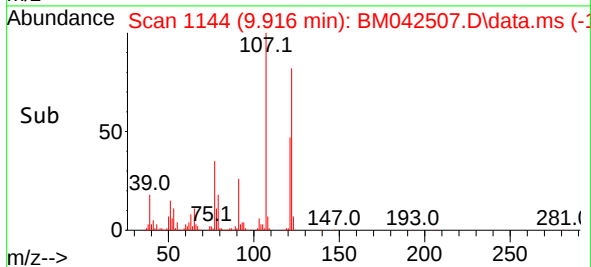
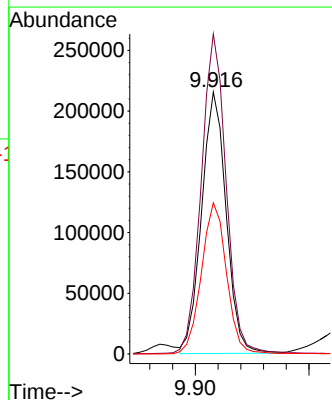
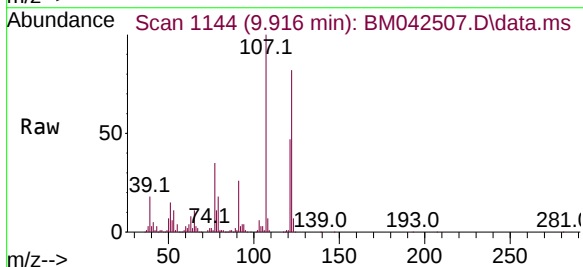
Instrument :
BNA_M
ClientSampleId :
PB156500BS

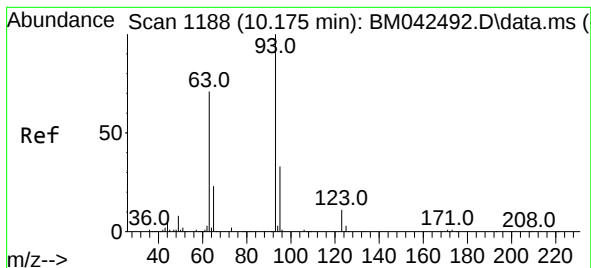
Tgt Ion:139 Resp: 186549
Ion Ratio Lower Upper
139 100
109 34.3 25.2 37.8
65 65.6 51.4 77.0



#27
2,4-Dimethylphenol
Concen: 51.233 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:122 Resp: 323390
Ion Ratio Lower Upper
122 100
107 122.2 95.4 143.2
121 57.7 46.0 69.0

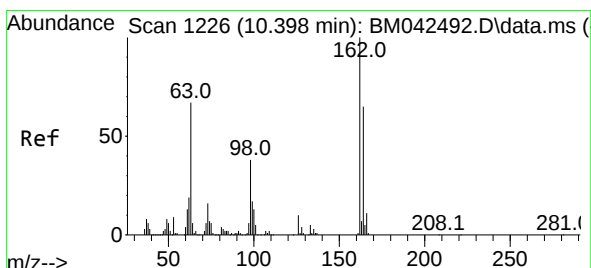
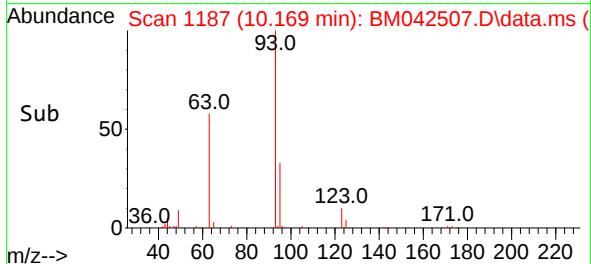
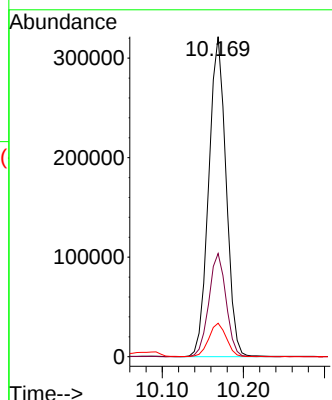
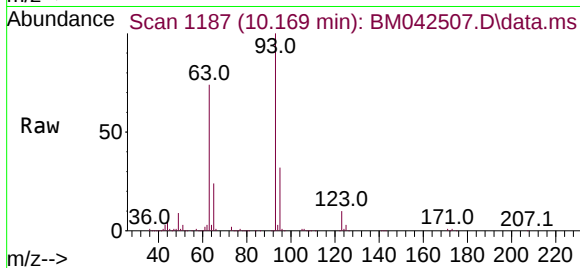




#28
bis(2-Chloroethoxy)methane
Concen: 47.959 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

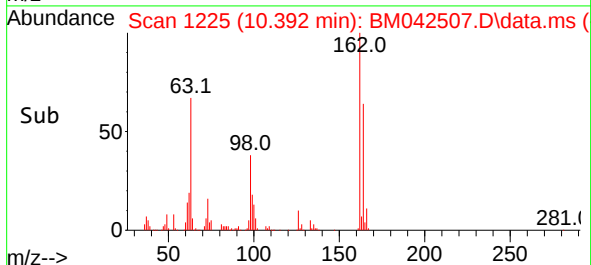
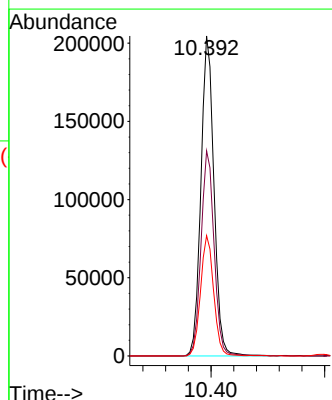
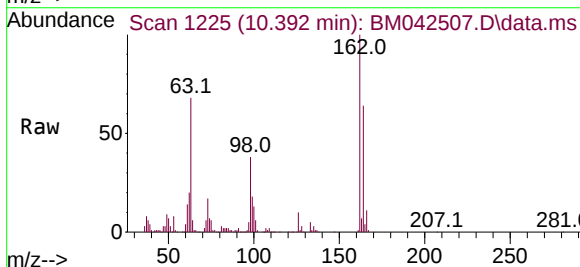
Instrument :
BNA_M
ClientSampleId :
PB156500BS

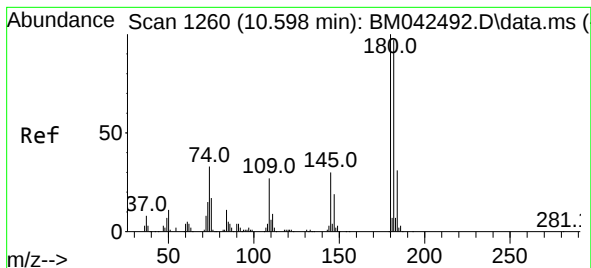
Tgt Ion: 93 Resp: 476741
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 10.4 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 52.214 ng
RT: 10.392 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:162 Resp: 326115
Ion Ratio Lower Upper
162 100
164 64.1 44.9 84.9
98 37.6 18.4 58.4

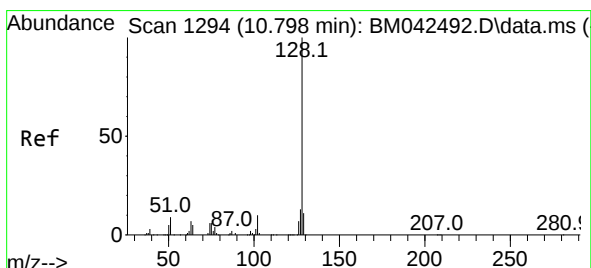
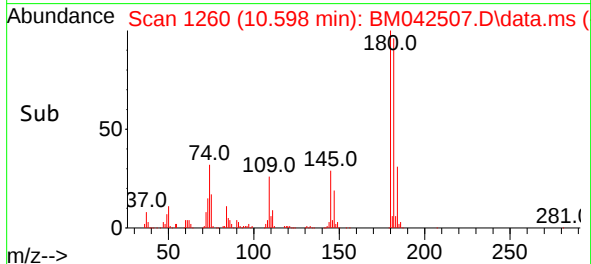
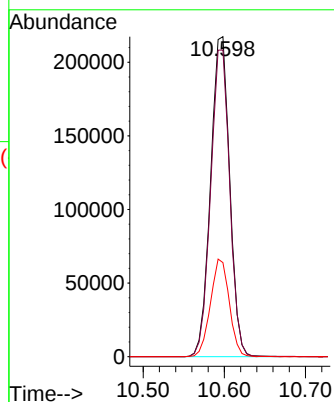
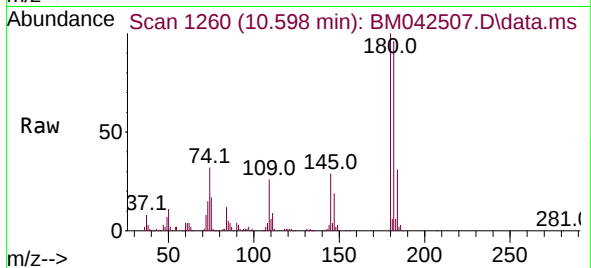




#30
1,2,4-Trichlorobenzene
Concen: 51.898 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

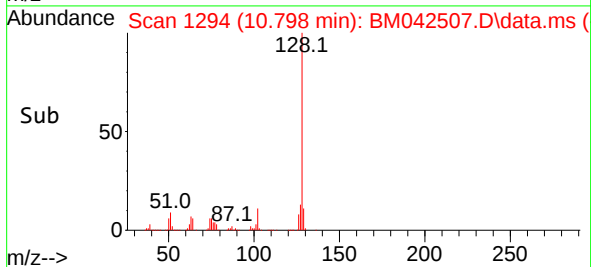
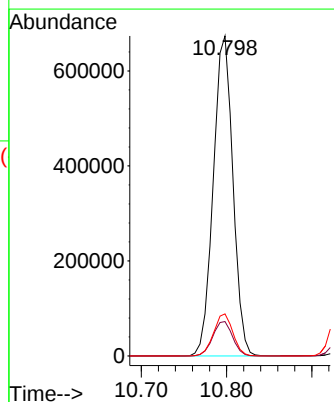
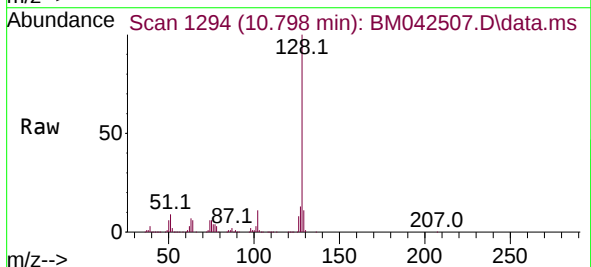
Instrument :
BNA_M
ClientSampleId :
PB156500BS

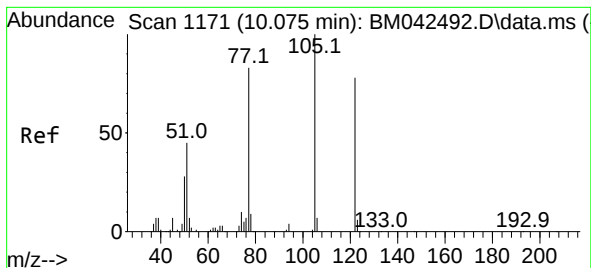
Tgt Ion:180 Resp: 355226
Ion Ratio Lower Upper
180 100
182 95.8 77.8 116.8
145 29.4 24.4 36.6



#31
Naphthalene
Concen: 47.998 ng
RT: 10.798 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:128 Resp: 1077640
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.6 15.8





#32

Benzoic acid

Concen: 43.034 ng

RT: 10.086 min Scan# 1173

Delta R.T. 0.011 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

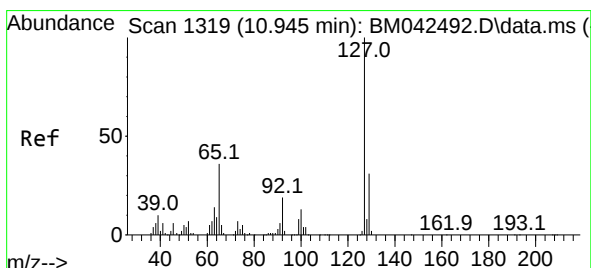
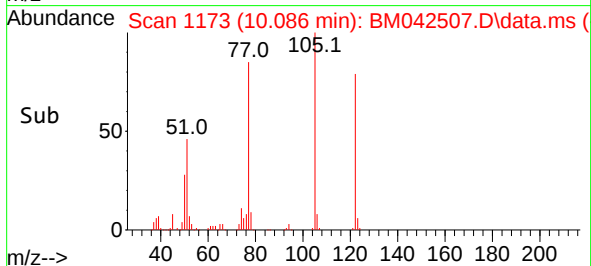
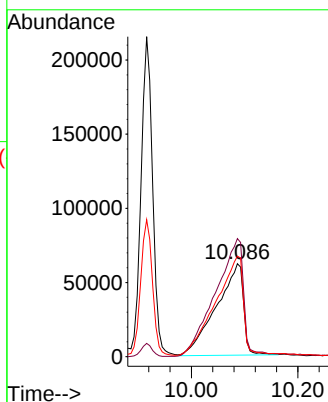
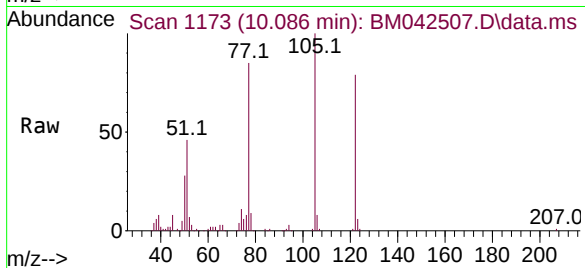
Tgt Ion:122 Resp: 218545

Ion Ratio Lower Upper

122 100

105 127.2 105.2 145.2

77 108.2 84.8 124.8



#33

4-Chloroaniline

Concen: 32.755 ng

RT: 10.939 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Tgt Ion:127 Resp: 286751

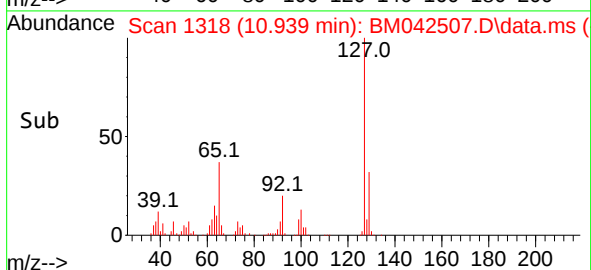
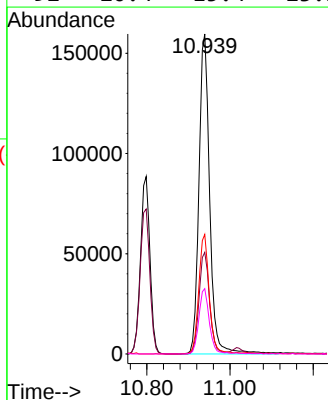
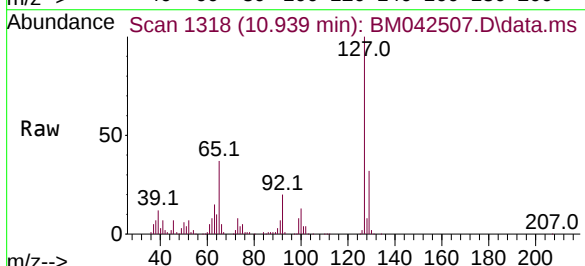
Ion Ratio Lower Upper

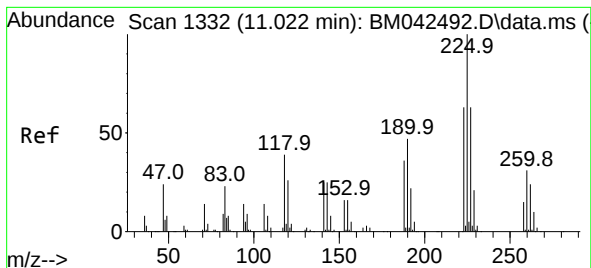
127 100

129 31.8 25.0 37.4

65 37.3 29.0 43.4

92 20.4 15.4 23.2

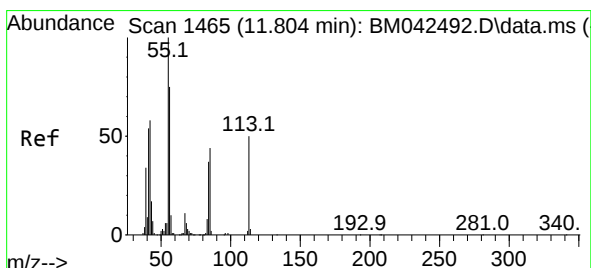
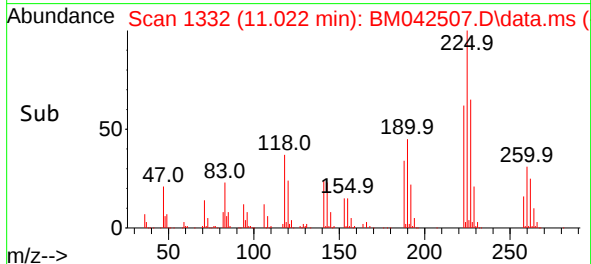
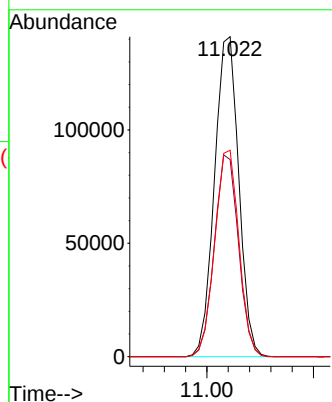
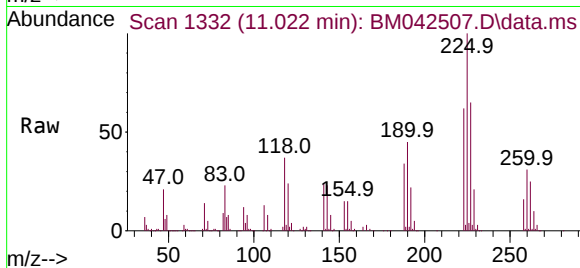




#34
Hexachlorobutadiene
Concen: 53.653 ng
RT: 11.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

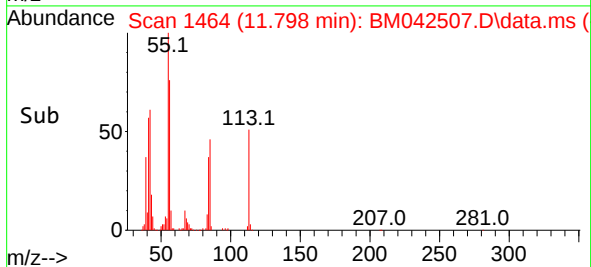
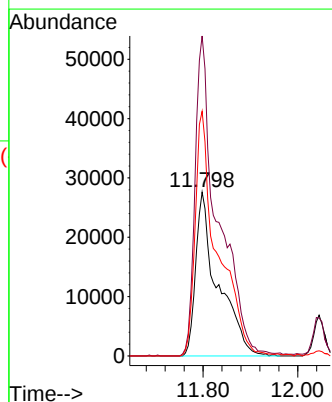
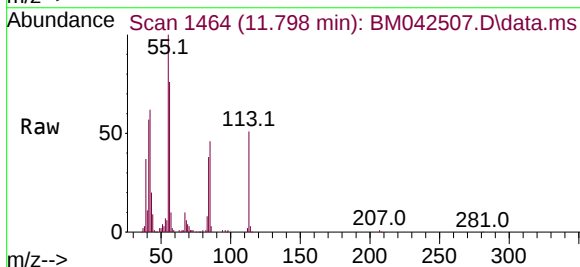
Instrument :
BNA_M
ClientSampleId :
PB156500BS

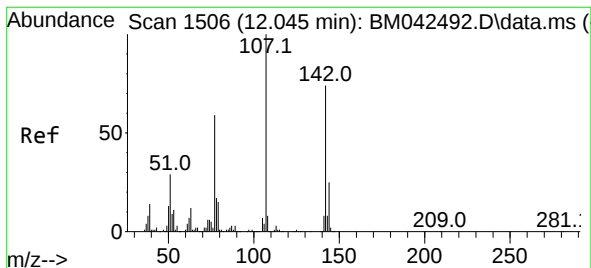
Tgt Ion:225 Resp: 222971
Ion Ratio Lower Upper
225 100
223 61.6 50.0 75.0
227 64.5 50.6 75.8



#35
Caprolactam
Concen: 40.872 ng
RT: 11.798 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:113 Resp: 89690
Ion Ratio Lower Upper
113 100
55 195.2 180.9 220.9
56 149.3 130.0 170.0

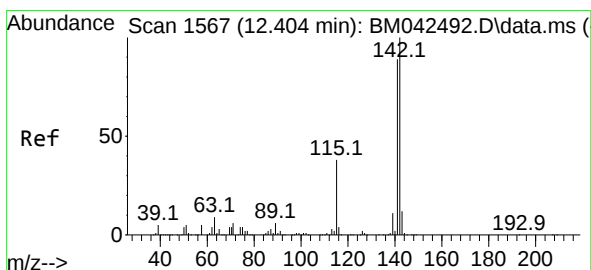
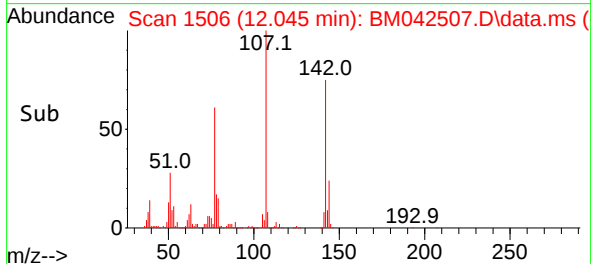
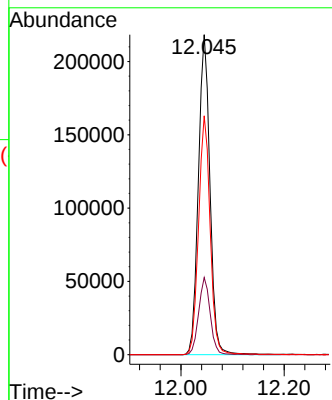
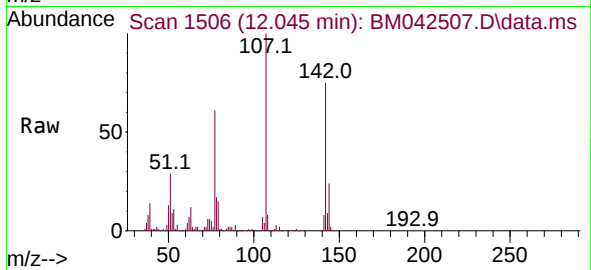




#36
4-Chloro-3-methylphenol
Concen: 47.659 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

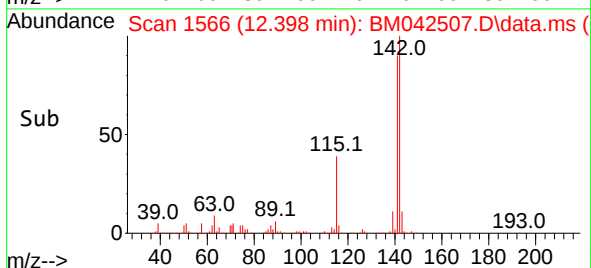
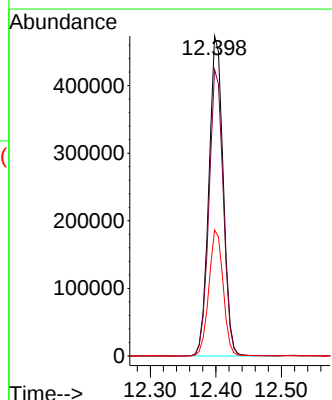
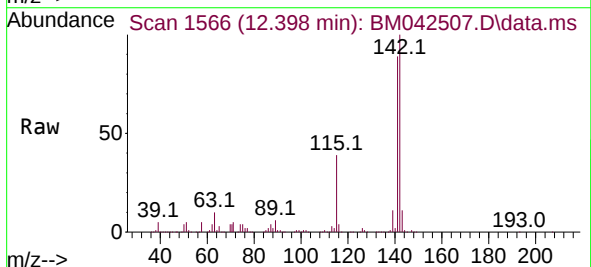
Instrument :
BNA_M
ClientSampleId :
PB156500BS

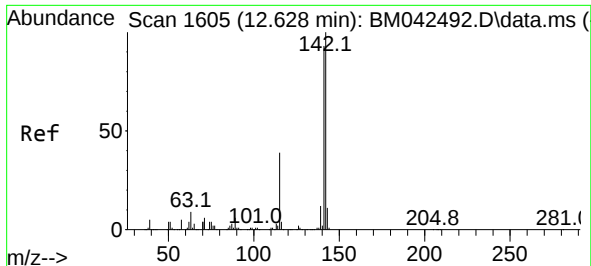
Tgt Ion:107 Resp: 338757
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 74.6 59.5 89.3



#37
2-Methylnaphthalene
Concen: 45.501 ng
RT: 12.398 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:142 Resp: 719461
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3
115 39.3 30.2 45.2

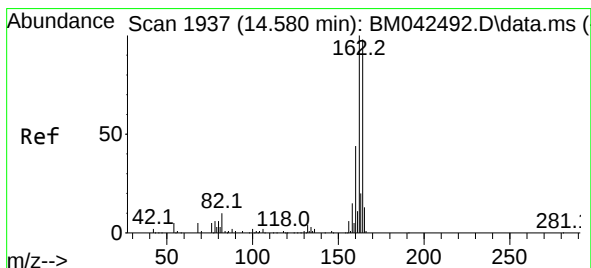
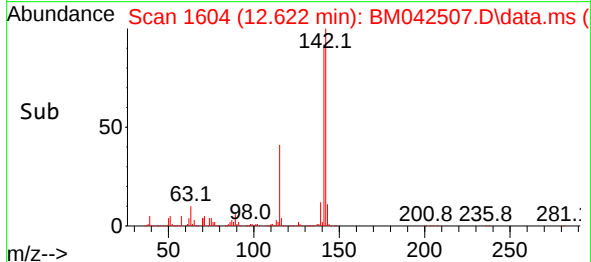
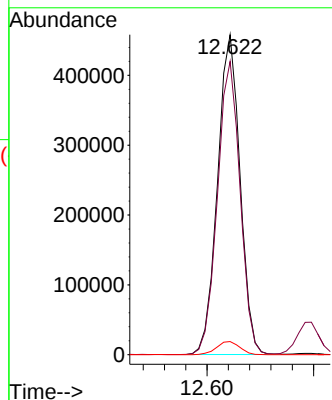
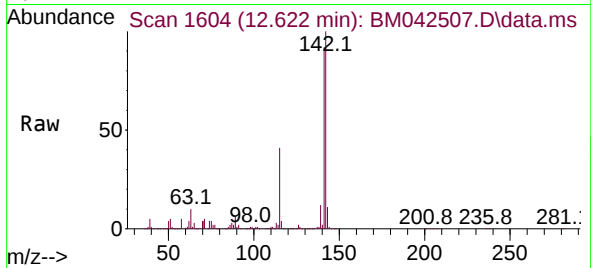




#38
1-Methylnaphthalene
Concen: 45.043 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

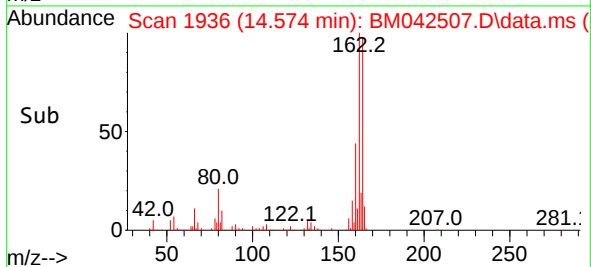
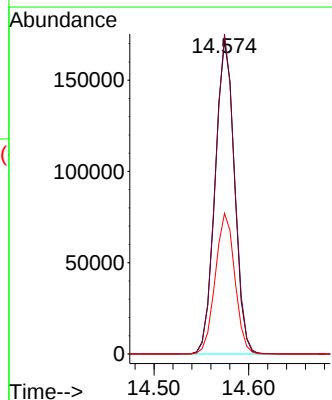
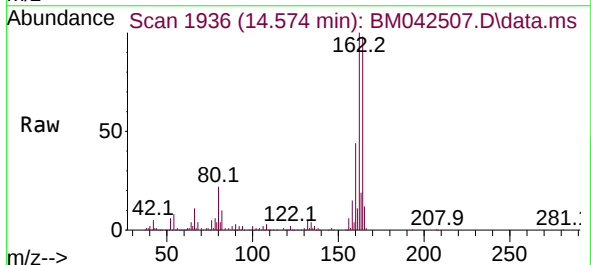
Instrument :
BNA_M
ClientSampleId :
PB156500BS

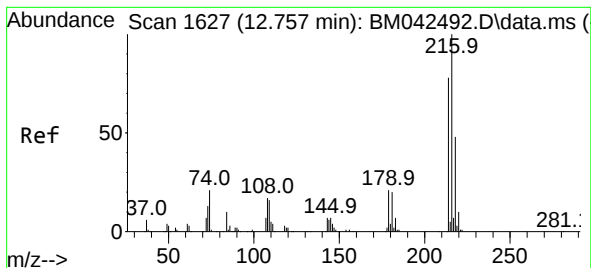
Tgt Ion:142 Resp: 670390
Ion Ratio Lower Upper
142 100
141 91.6 74.4 111.6
116 4.1 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:164 Resp: 244275
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 45.0 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.002 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

Tgt Ion:216 Resp: 394090

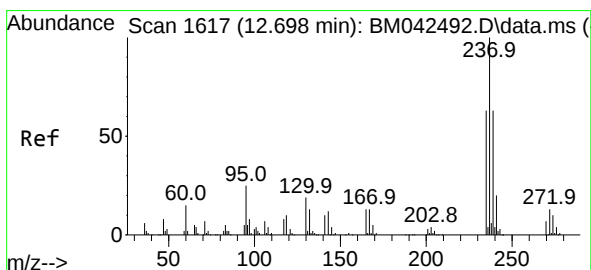
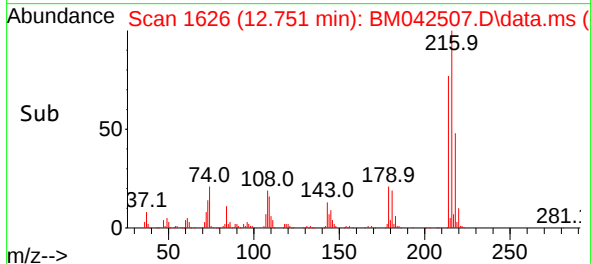
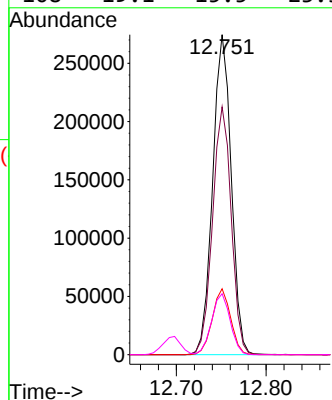
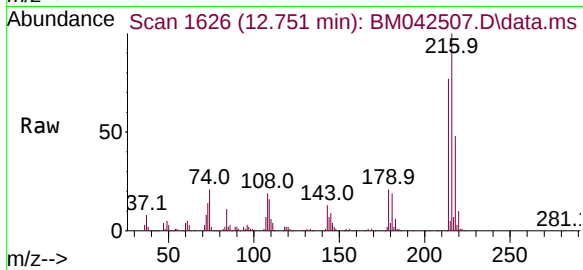
Ion Ratio Lower Upper

216 100

214 78.0 62.5 93.7

179 20.4 16.7 25.1

108 19.1 15.5 23.3



#41

Hexachlorocyclopentadiene

Concen: 121.284 ng

RT: 12.698 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

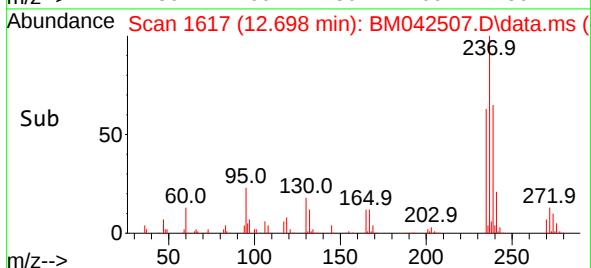
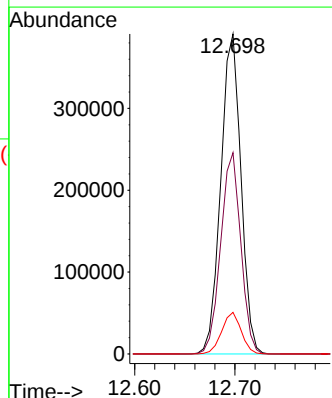
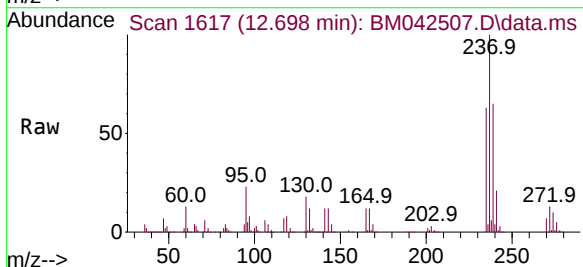
Tgt Ion:237 Resp: 545506

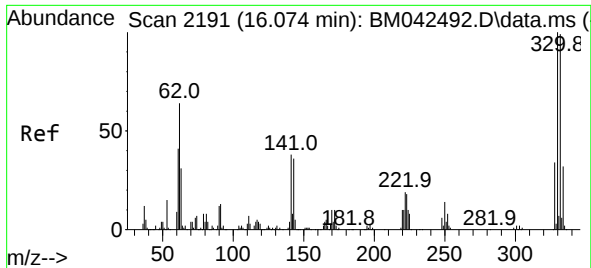
Ion Ratio Lower Upper

237 100

235 62.9 42.5 82.5

272 13.0 0.0 33.2

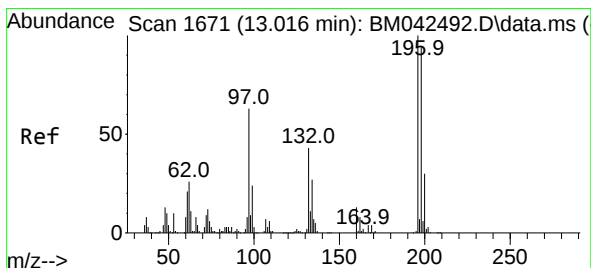
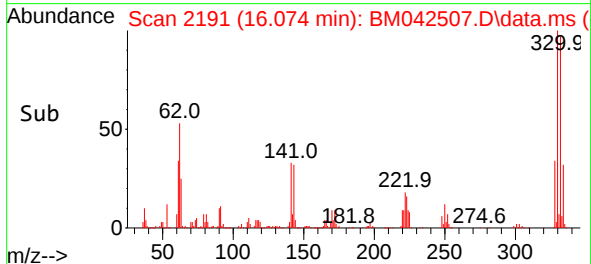
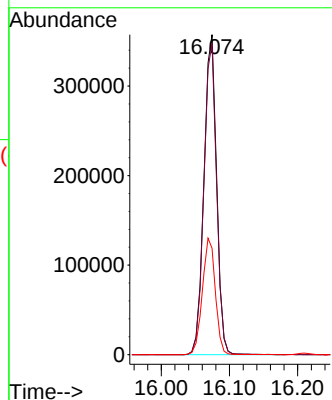
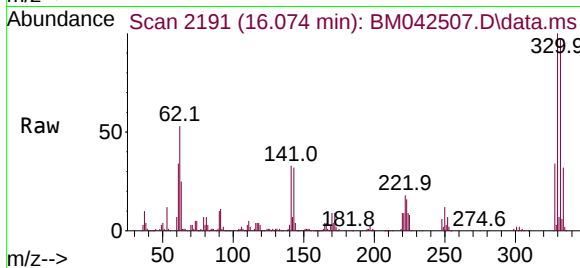




#42
2,4,6-Tribromophenol
Concen: 144.778 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

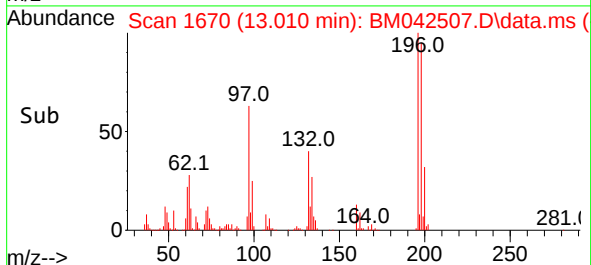
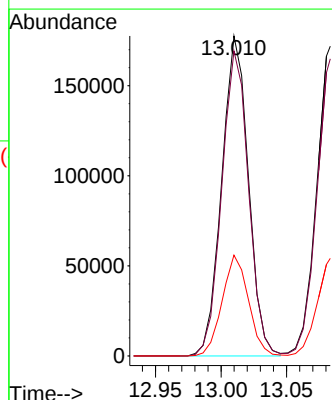
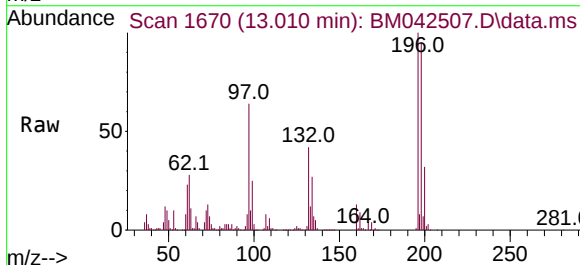
Instrument :
BNA_M
ClientSampleId :
PB156500BS

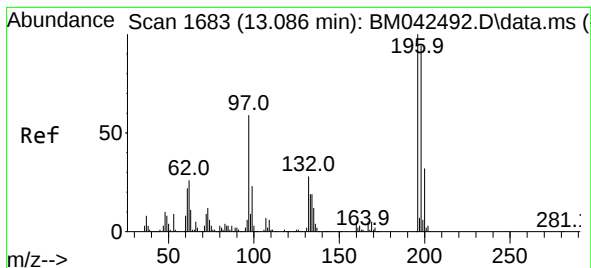
Tgt Ion:330 Resp: 461729
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 37.3 31.1 46.7



#43
2,4,6-Trichlorophenol
Concen: 53.710 ng
RT: 13.010 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:196 Resp: 251048
Ion Ratio Lower Upper
196 100
198 95.3 75.2 112.8
200 31.5 24.3 36.5

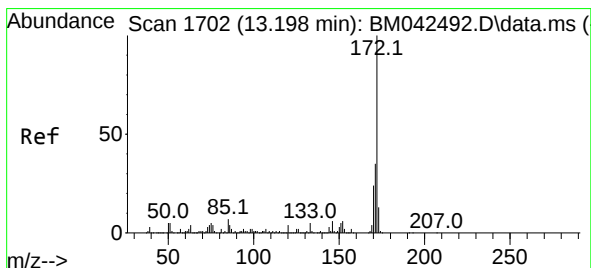
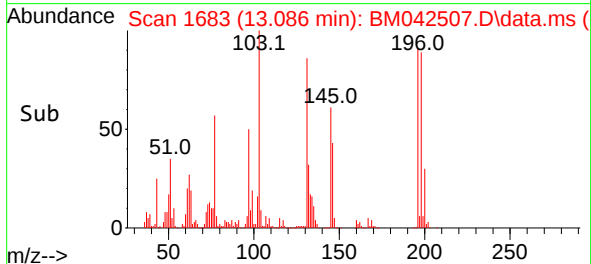
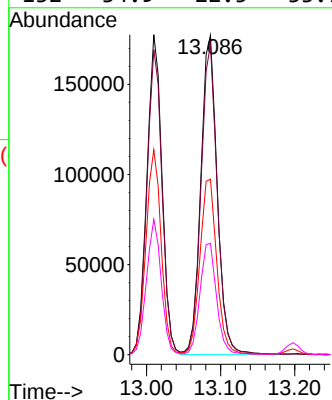
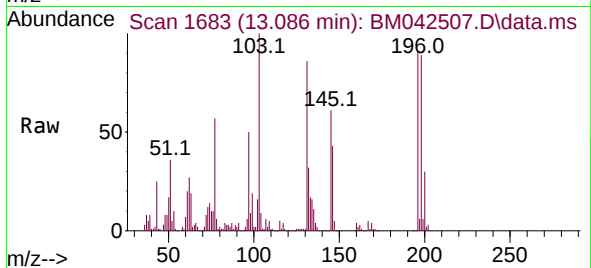




#44
2,4,5-Trichlorophenol
Concen: 48.983 ng
RT: 13.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

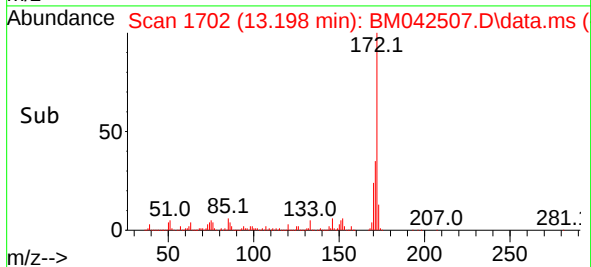
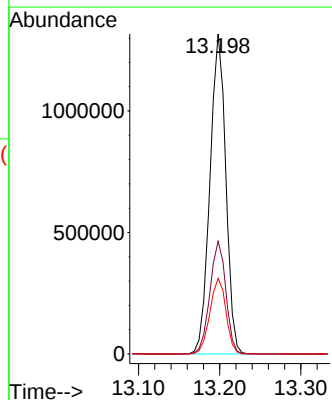
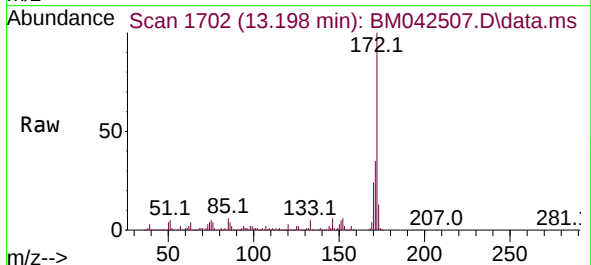
Instrument :
BNA_M
ClientSampleId :
PB156500BS

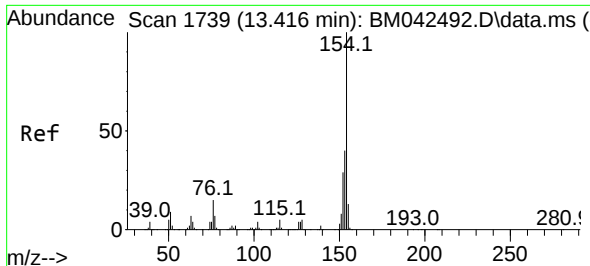
Tgt Ion:196 Resp: 272452
Ion Ratio Lower Upper
196 100
198 97.1 75.1 112.7
97 54.9 47.4 71.0
132 34.9 22.5 33.7#



#45
2-Fluorobiphenyl
Concen: 98.099 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:172 Resp: 1780848
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 19.0 28.4

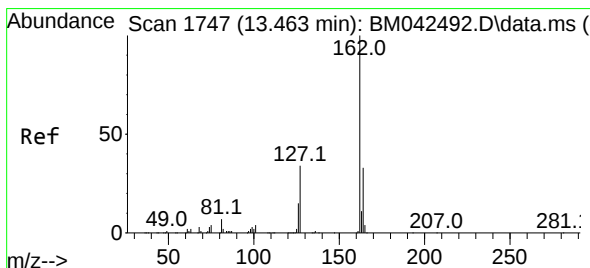
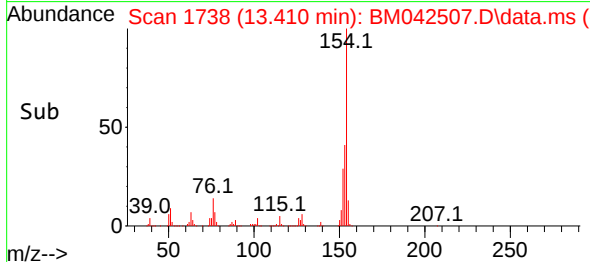
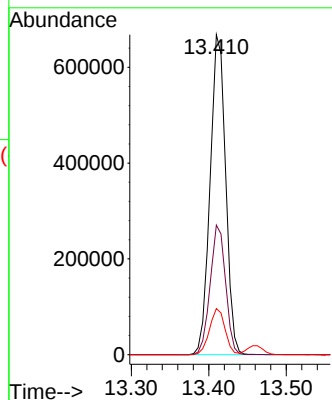
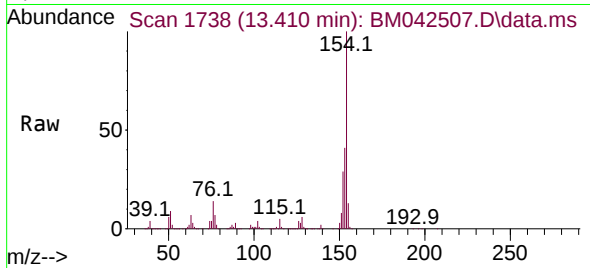




#46
1,1'-Biphenyl
Concen: 49.809 ng
RT: 13.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

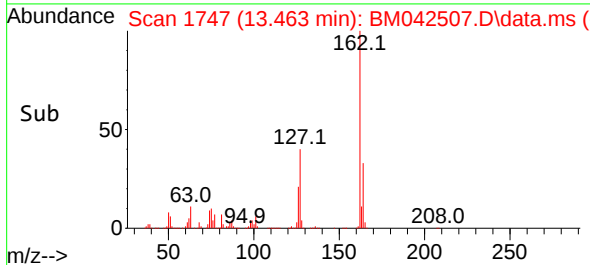
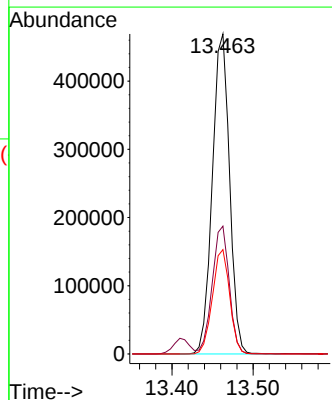
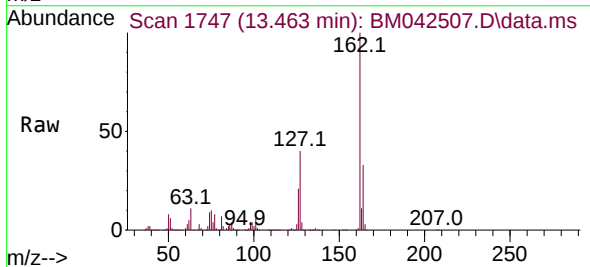
Instrument :
BNA_M
ClientSampleId :
PB156500BS

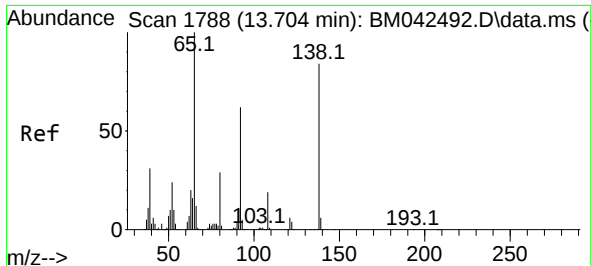
Tgt Ion:154 Resp: 930073
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 14.4 0.0 35.0



#47
2-Chloronaphthalene
Concen: 50.412 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:162 Resp: 690567
Ion Ratio Lower Upper
162 100
127 40.0 31.1 46.7
164 32.6 26.2 39.4

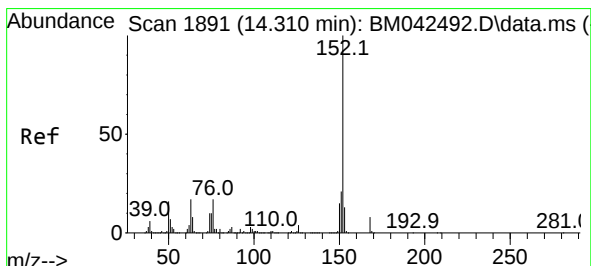
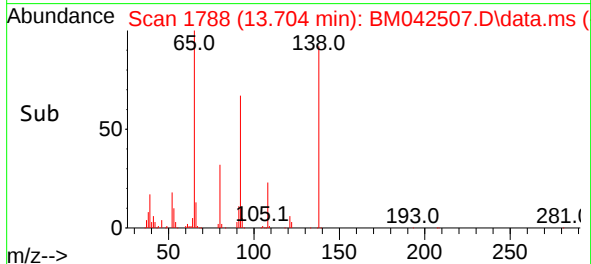
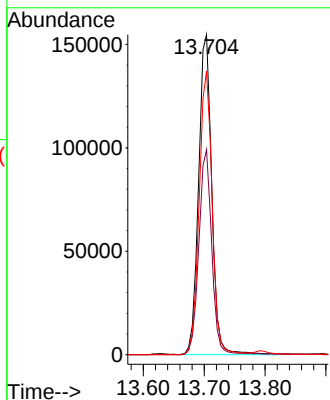
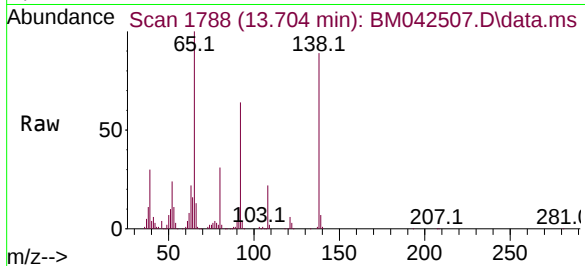




#48
2-Nitroaniline
Concen: 42.665 ng
RT: 13.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

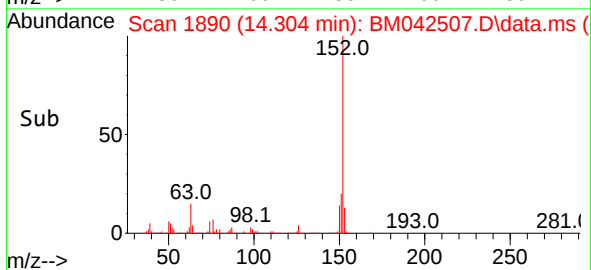
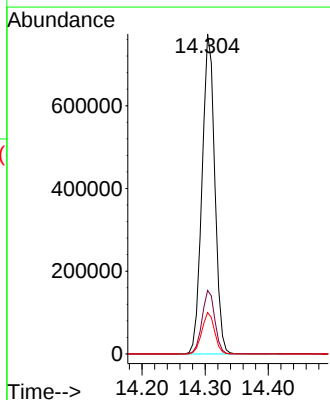
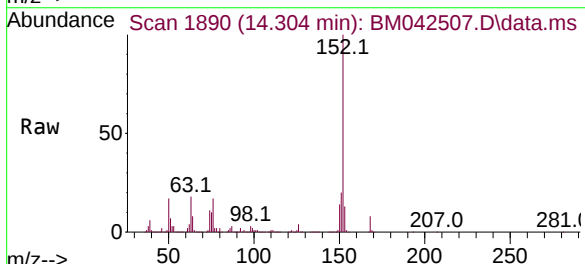
Instrument :
BNA_M
ClientSampleId :
PB156500BS

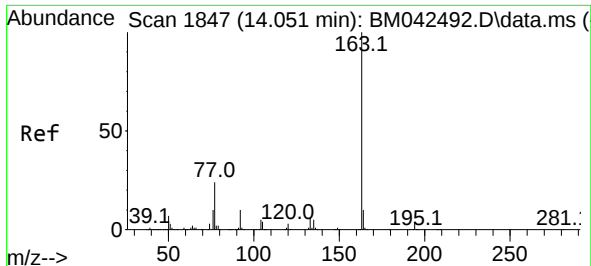
Tgt Ion: 65 Resp: 232793
Ion Ratio Lower Upper
65 100
92 64.1 49.4 74.2
138 88.5 66.9 100.3



#49
Acenaphthylene
Concen: 47.810 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:152 Resp: 1084665
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.0 10.4 15.6

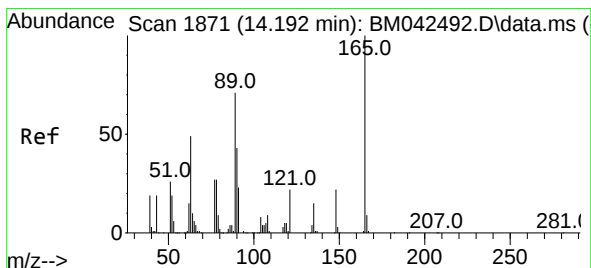
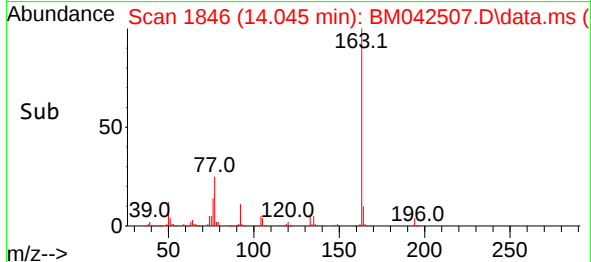
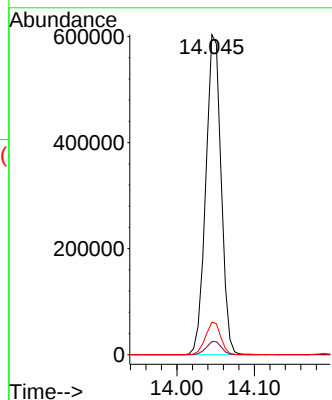
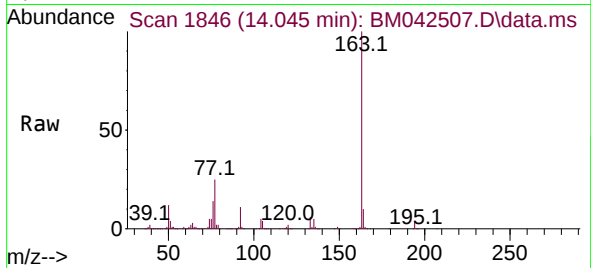




#50
Dimethylphthalate
Concen: 45.378 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

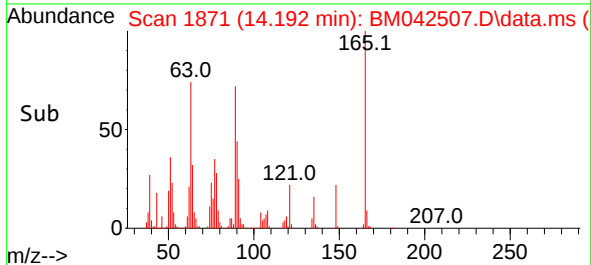
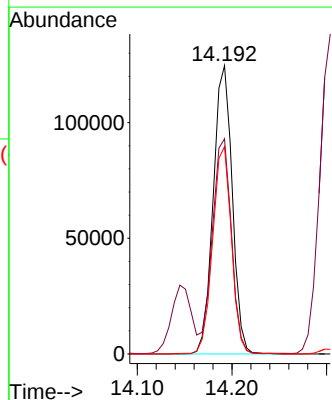
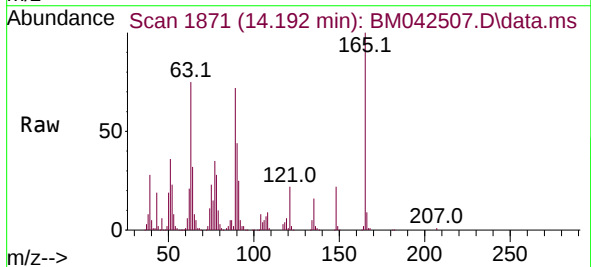
Instrument :
BNA_M
ClientSampleId :
PB156500BS

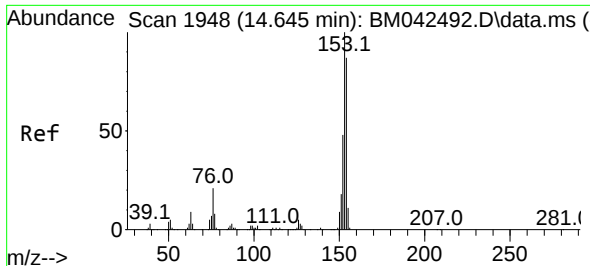
Tgt Ion:163 Resp: 828474
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 46.037 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:165 Resp: 173228
Ion Ratio Lower Upper
165 100
63 74.7 59.4 89.0
89 71.9 57.0 85.6

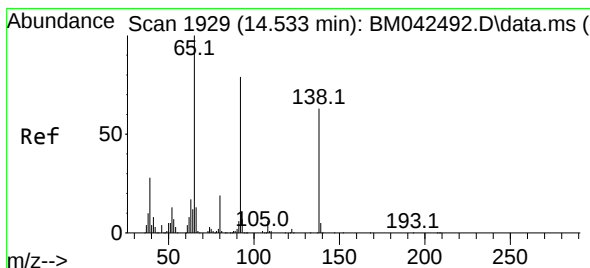
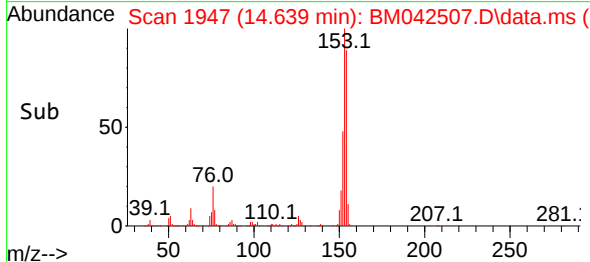
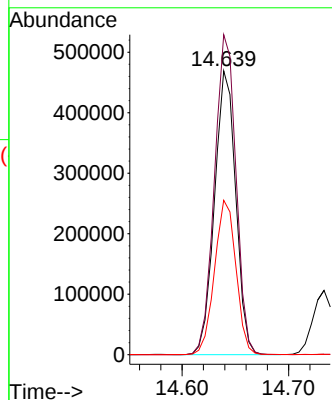
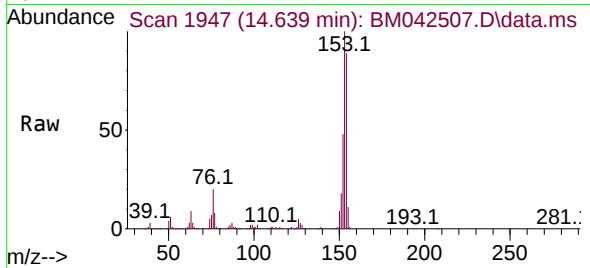




#52
Acenaphthene
Concen: 47.253 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

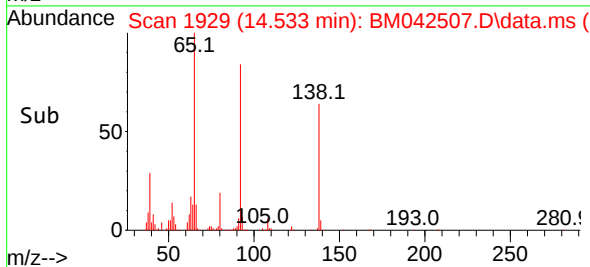
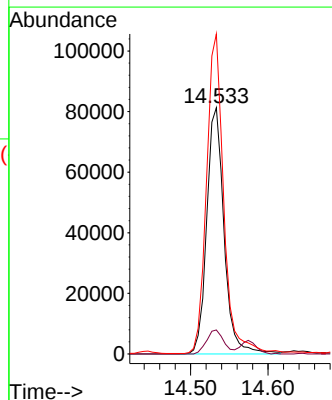
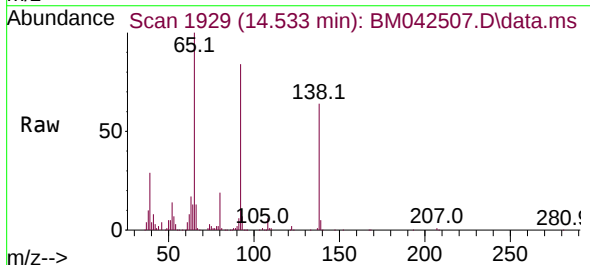
Instrument :
BNA_M
ClientSampleId :
PB156500BS

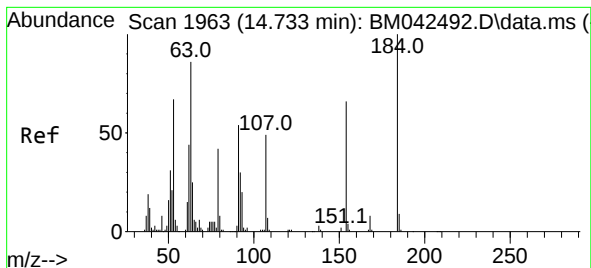
Tgt Ion:154 Resp: 650606
Ion Ratio Lower Upper
154 100
153 112.8 92.0 138.0
152 54.4 44.0 66.0



#53
3-Nitroaniline
Concen: 31.569 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:138 Resp: 126295
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 129.9 100.7 151.1

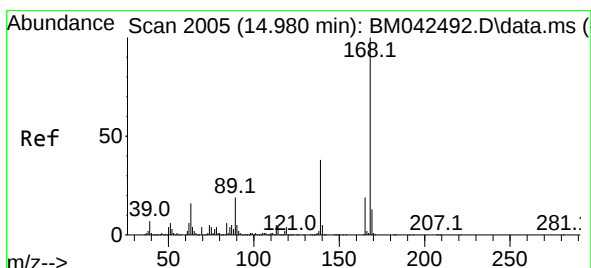
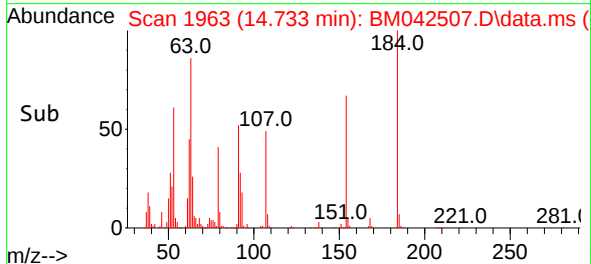
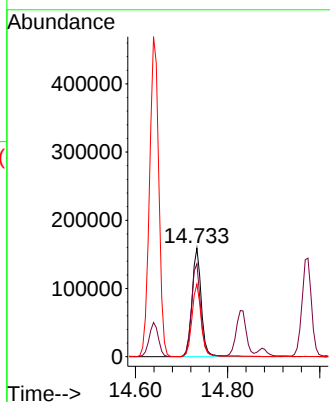
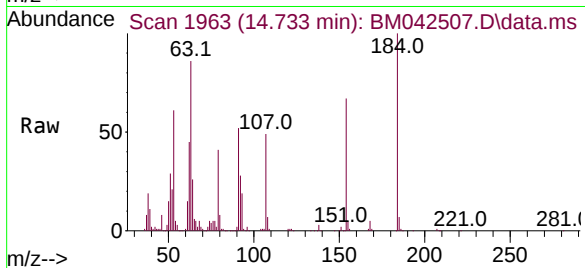




#54
2,4-Dinitrophenol
Concen: 82.305 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

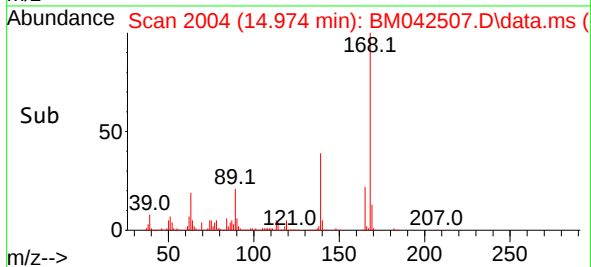
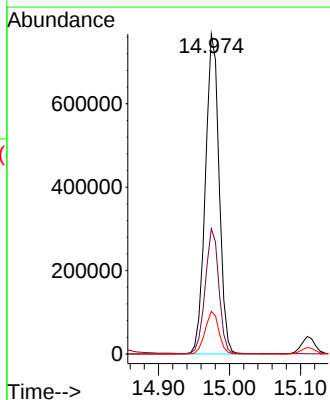
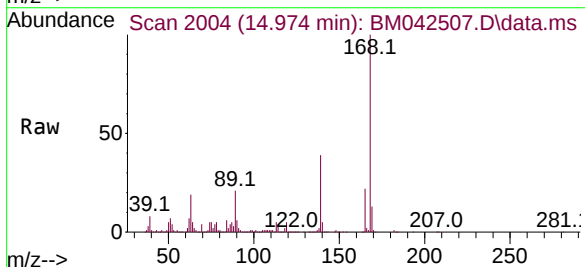
Instrument :
BNA_M
ClientSampleId :
PB156500BS

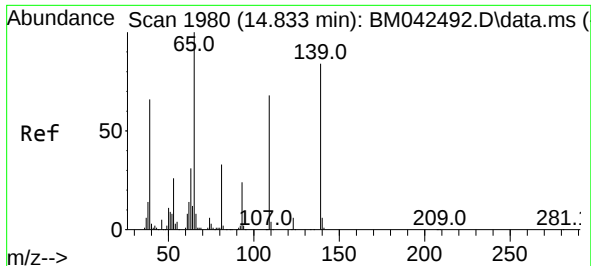
Tgt Ion:184 Resp: 220418
Ion Ratio Lower Upper
184 100
63 85.7 69.2 103.8
154 66.9 53.2 79.8



#55
Dibenzofuran
Concen: 46.260 ng
RT: 14.974 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:168 Resp: 1035601
Ion Ratio Lower Upper
168 100
139 39.2 30.4 45.6
169 13.3 10.6 15.8

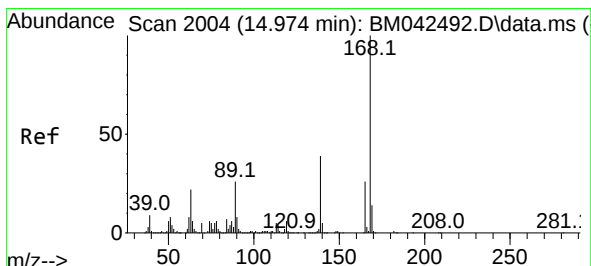
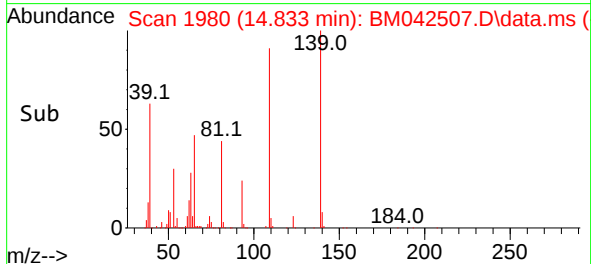
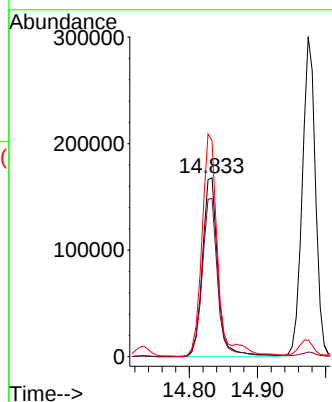
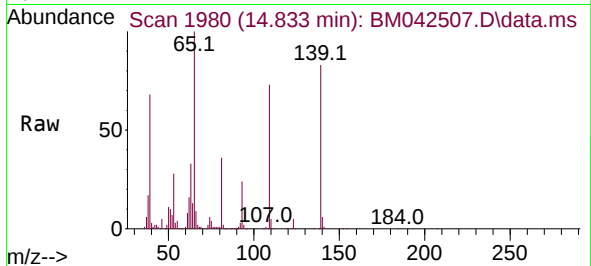




#56
4-Nitrophenol
Concen: 78.042 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

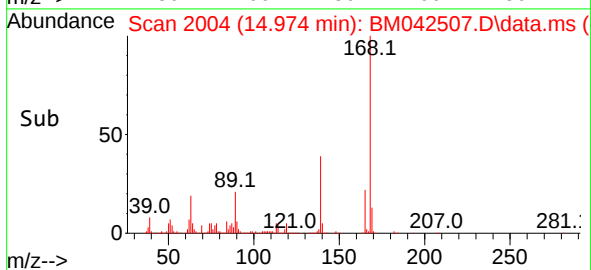
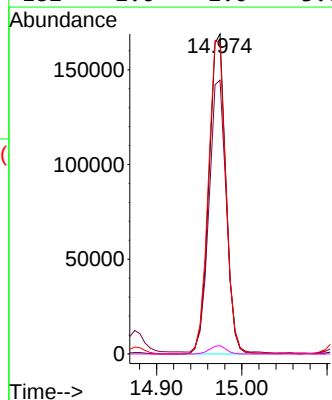
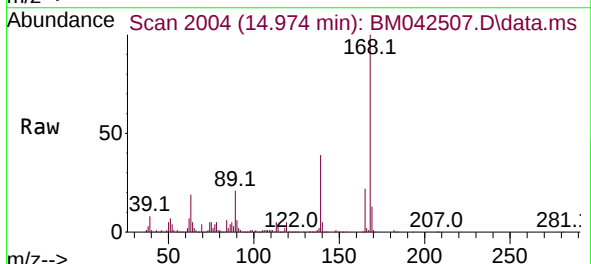
Instrument :
BNA_M
ClientSampleId :
PB156500BS

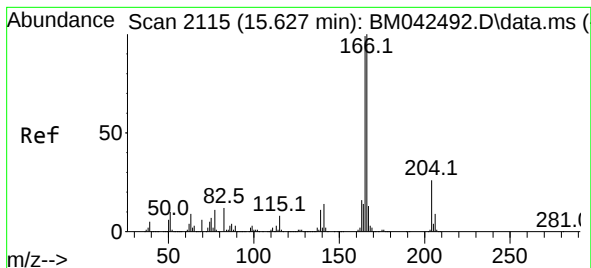
Tgt Ion:139 Resp: 266205
Ion Ratio Lower Upper
139 100
109 88.6 61.3 101.3
65 120.8 100.2 140.2



#57
2,4-Dinitrotoluene
Concen: 41.397 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:165 Resp: 232653
Ion Ratio Lower Upper
165 100
63 85.6 66.7 100.1
89 96.9 80.2 120.4
182 2.6 2.0 3.0





#58

Fluorene

Concen: 45.531 ng

RT: 15.621 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

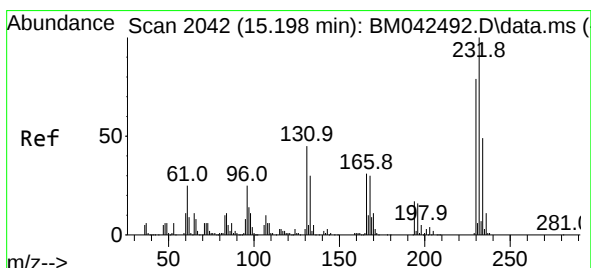
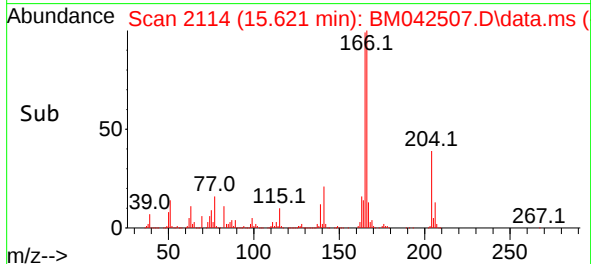
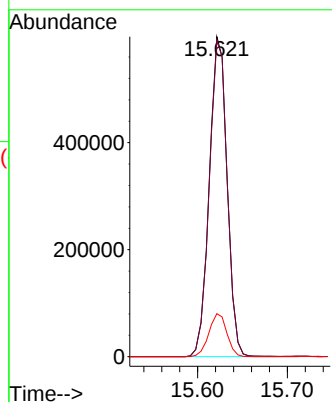
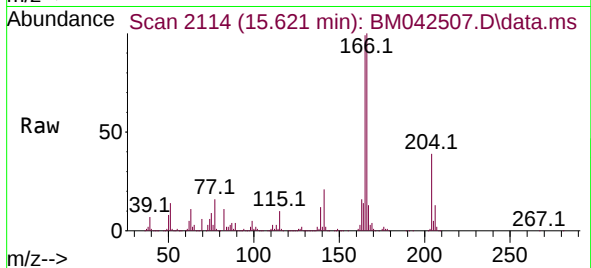
Tgt Ion:166 Resp: 824683

Ion Ratio Lower Upper

166 100

165 98.8 79.3 118.9

167 13.5 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 48.327 ng

RT: 15.192 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Tgt Ion:232 Resp: 226403

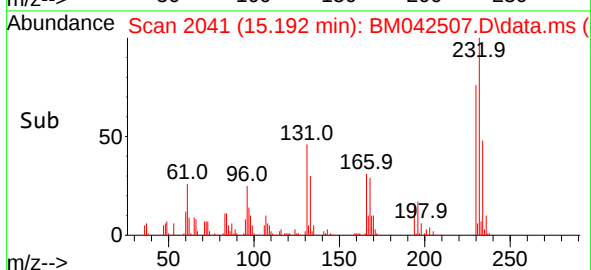
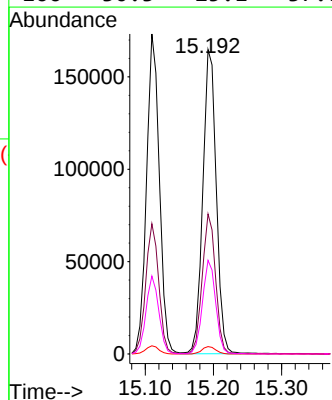
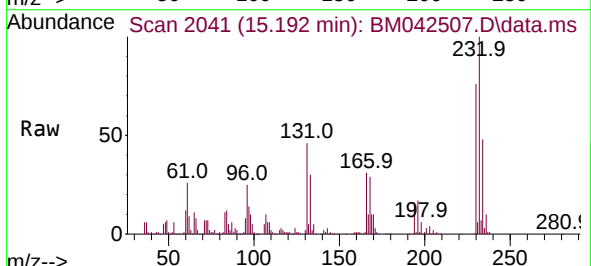
Ion Ratio Lower Upper

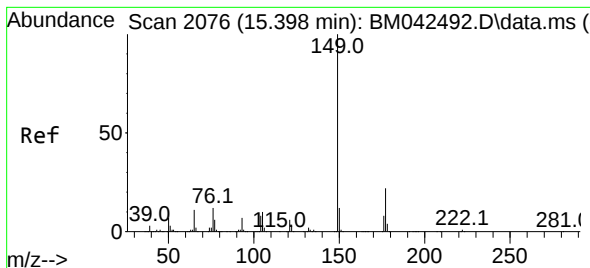
232 100

131 45.1 37.2 55.8

130 2.5 2.1 3.1

166 30.3 25.1 37.7





#60

Diethylphthalate

Concen: 43.848 ng

RT: 15.392 min Scan# 2076

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

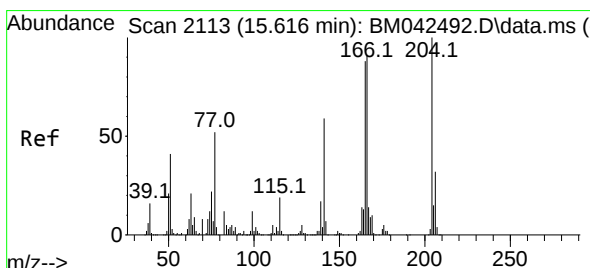
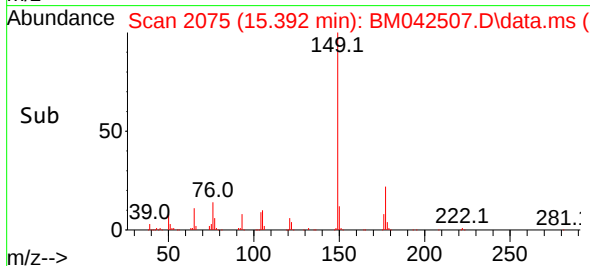
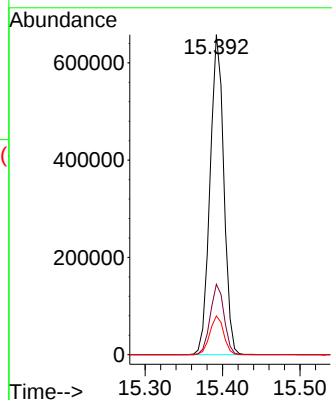
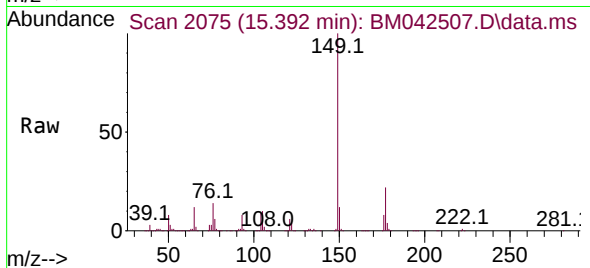
Tgt Ion:149 Resp: 811028

Ion Ratio Lower Upper

149 100

177 22.0 17.8 26.6

150 12.1 9.8 14.6



#61

4-Chlorophenyl-phenylether

Concen: 48.188 ng

RT: 15.615 min Scan# 2113

Delta R.T. -0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

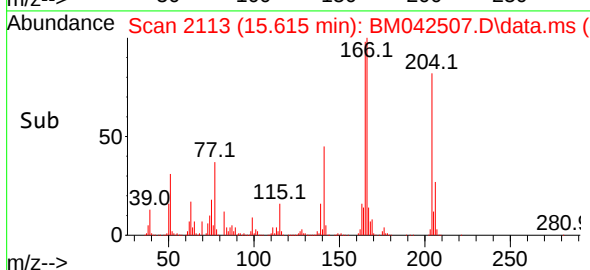
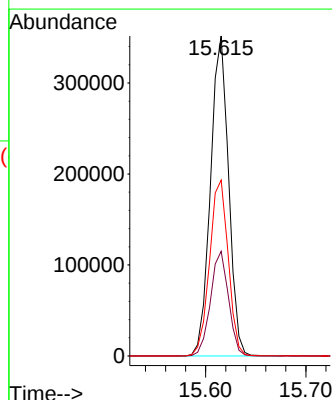
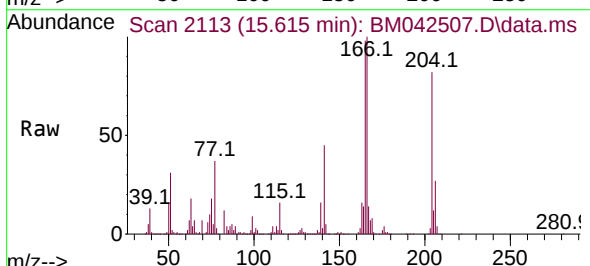
Tgt Ion:204 Resp: 440950

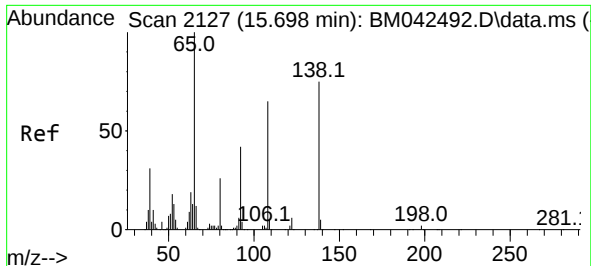
Ion Ratio Lower Upper

204 100

206 32.7 25.9 38.9

141 55.0 46.8 70.2

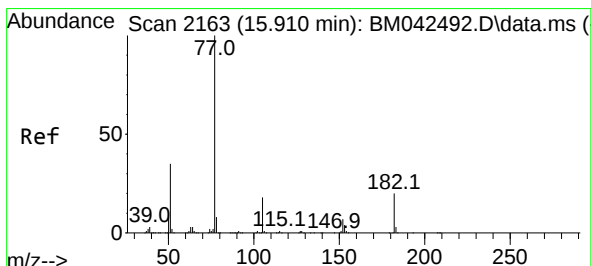
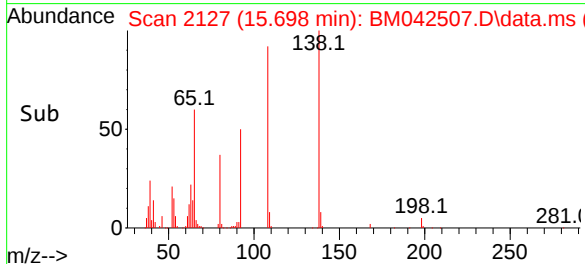
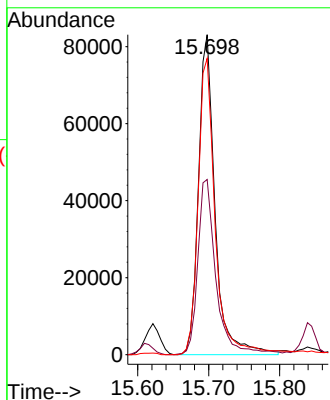
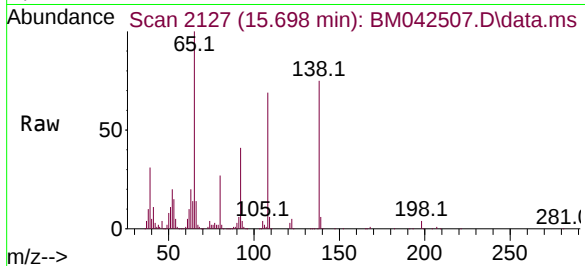




#62
4-Nitroaniline
Concen: 37.360 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

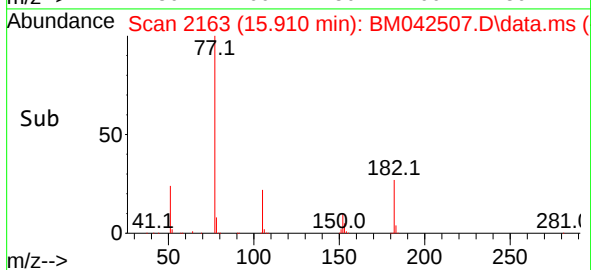
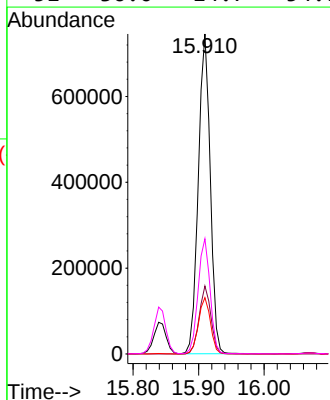
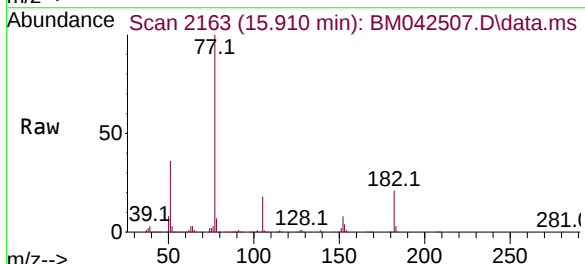
Instrument :
BNA_M
ClientSampleId :
PB156500BS

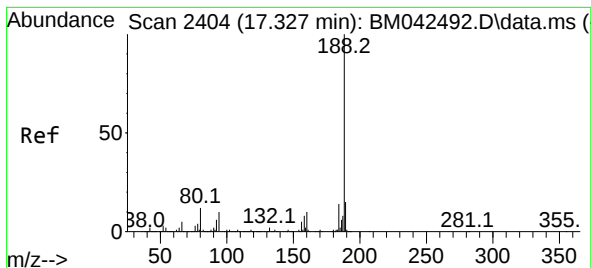
Tgt Ion:138 Resp: 135360
Ion Ratio Lower Upper
138 100
92 54.8 37.0 77.0
108 92.6 67.2 107.2



#63
Azobenzene
Concen: 46.368 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion: 77 Resp: 945091
Ion Ratio Lower Upper
77 100
182 21.2 0.0 40.0
105 17.6 0.0 37.9
51 36.0 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: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

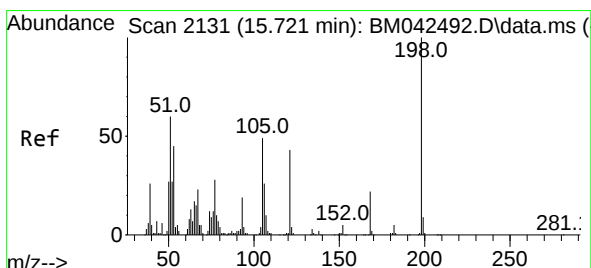
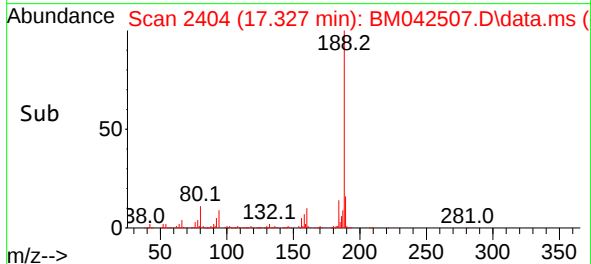
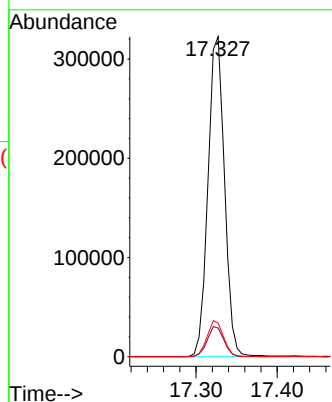
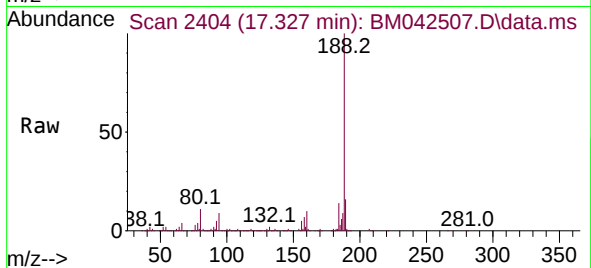
Tgt Ion:188 Resp: 455634

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

80 10.5 9.4 14.2



#65

4,6-Dinitro-2-methylphenol

Concen: 47.118 ng

RT: 15.721 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

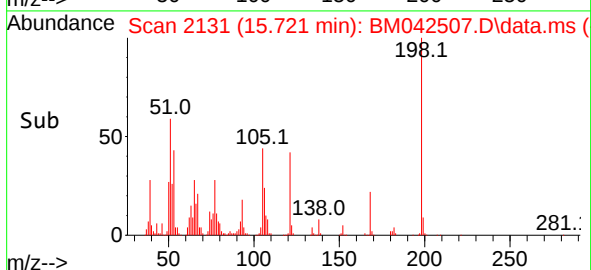
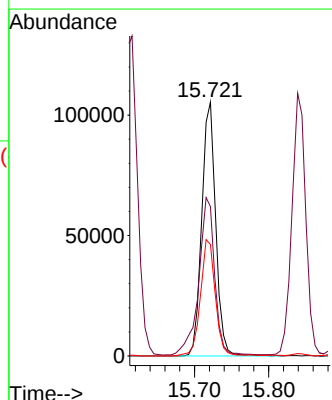
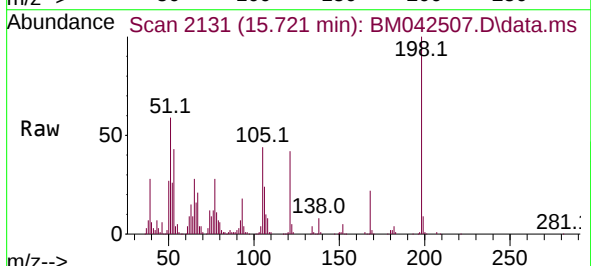
Tgt Ion:198 Resp: 137658

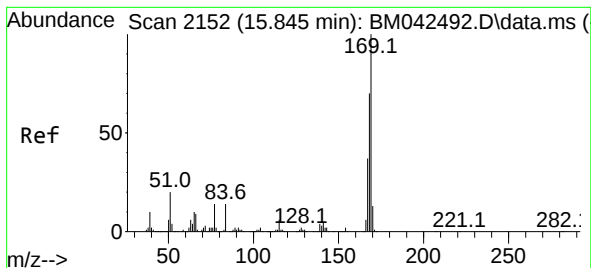
Ion Ratio Lower Upper

198 100

51 58.9 42.4 82.4

105 44.0 29.2 69.2

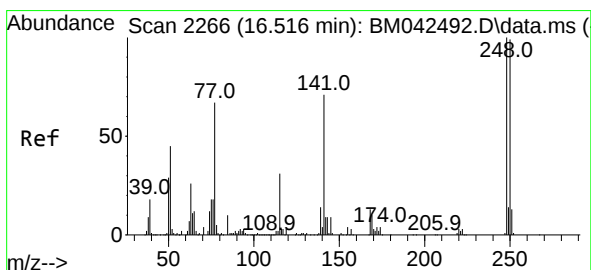
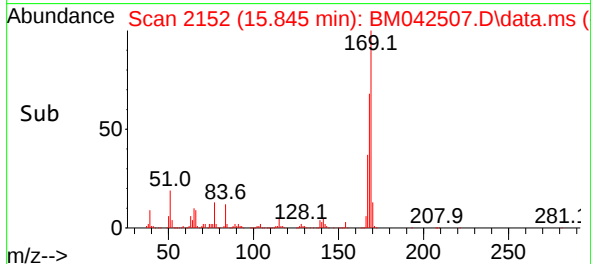
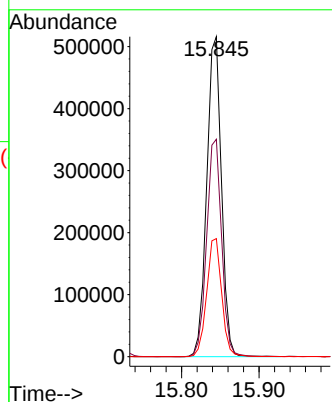
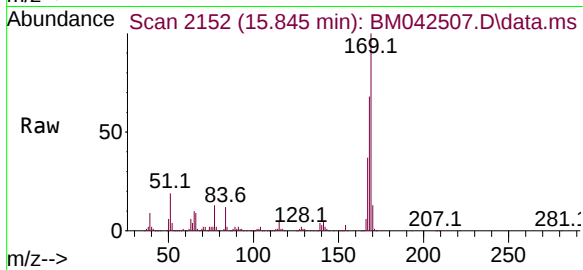




#66
n-Nitrosodiphenylamine
Concen: 52.832 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

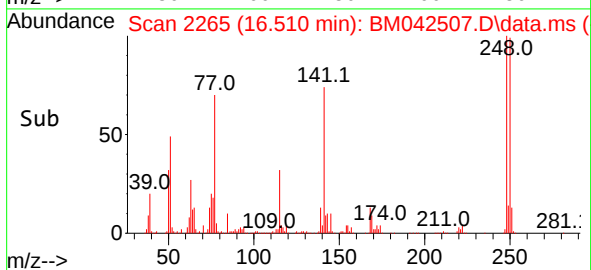
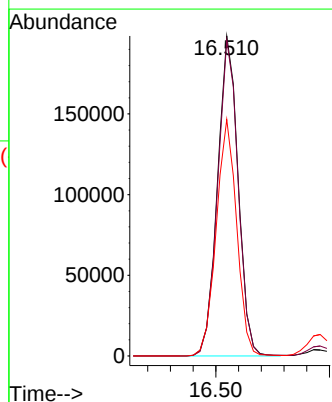
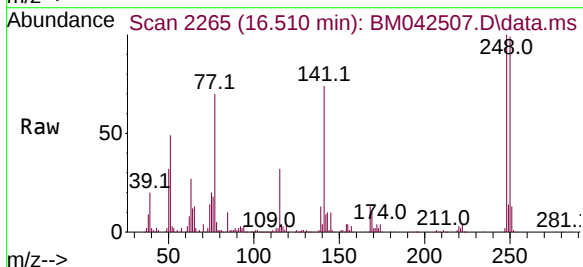
Instrument :
BNA_M
ClientSampleId :
PB156500BS

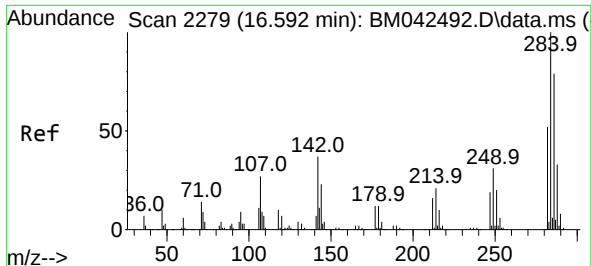
Tgt Ion:169 Resp: 678744
Ion Ratio Lower Upper
169 100
168 67.9 55.9 83.9
167 36.9 29.8 44.8



#67
4-Bromophenyl-phenylether
Concen: 54.867 ng
RT: 16.510 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:248 Resp: 249977
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.0
141 73.9 57.0 85.6

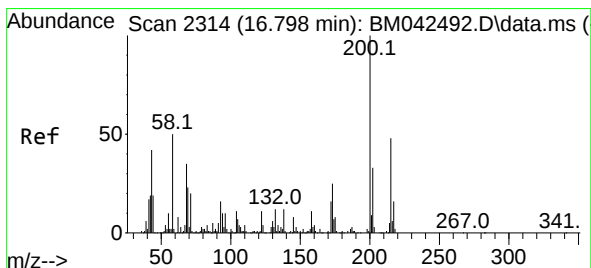
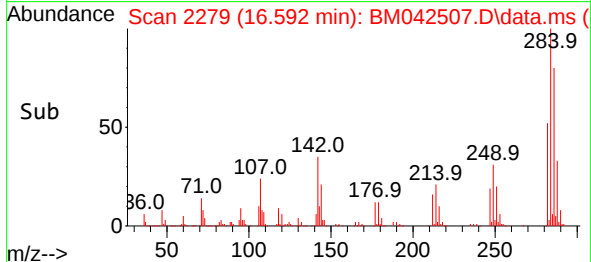
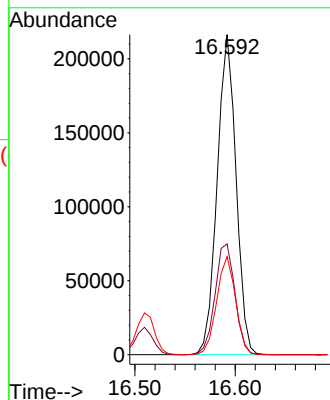
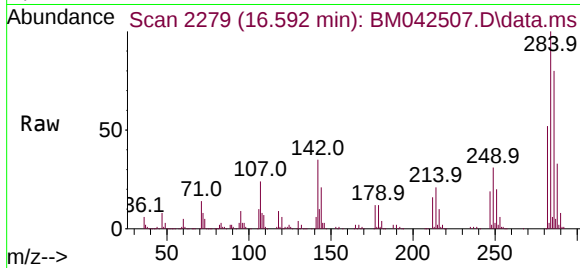




#68
Hexachlorobenzene
Concen: 56.062 ng
RT: 16.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

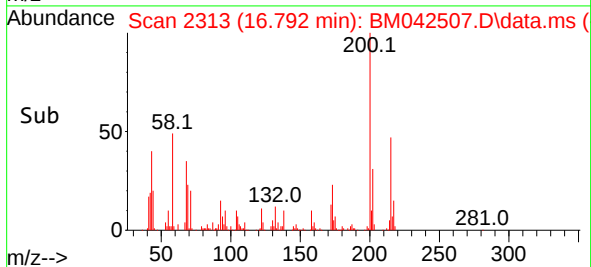
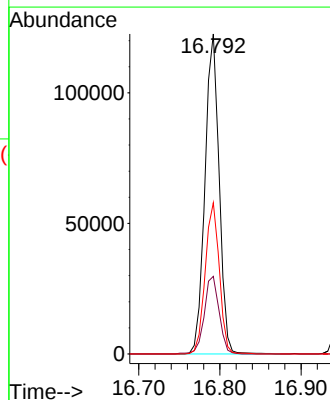
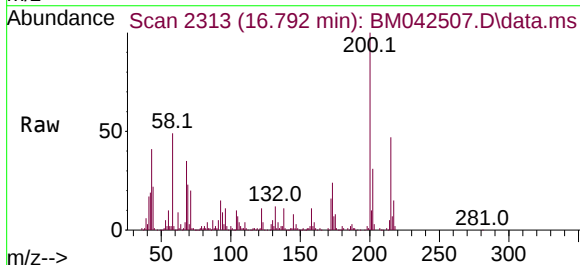
Instrument :
BNA_M
ClientSampleId :
PB156500BS

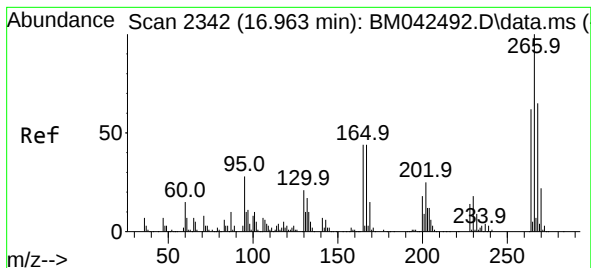
Tgt Ion:284 Resp: 282572
Ion Ratio Lower Upper
284 100
142 34.6 29.8 44.6
249 30.7 25.1 37.7



#69
Atrazine
Concen: 40.168 ng
RT: 16.792 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:200 Resp: 149114
Ion Ratio Lower Upper
200 100
173 24.2 5.4 45.4
215 47.2 27.9 67.9





#70

Pentachlorophenol

Concen: 96.776 ng

RT: 16.957 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

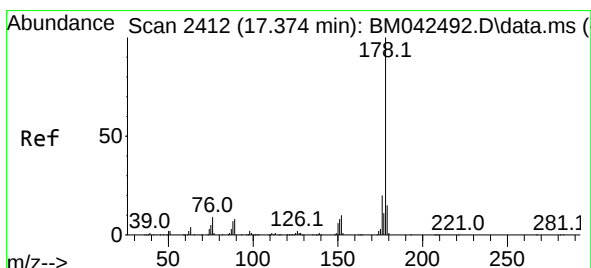
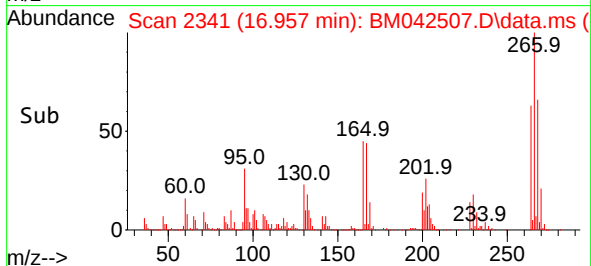
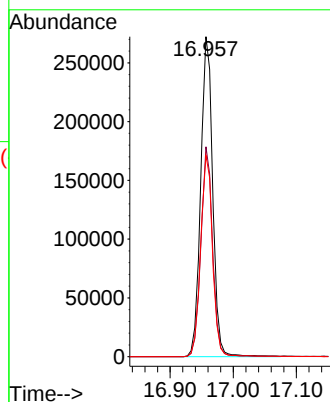
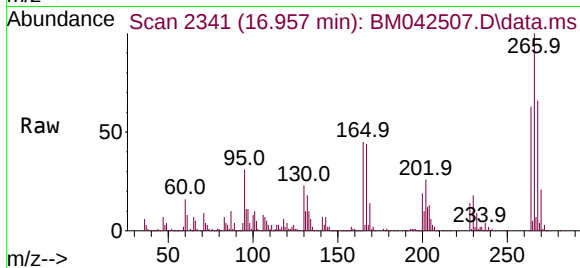
Tgt Ion:266 Resp: 358608

Ion Ratio Lower Upper

266 100

268 65.6 51.7 77.5

264 63.0 49.4 74.2



#71

Phenanthrene

Concen: 49.005 ng

RT: 17.368 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

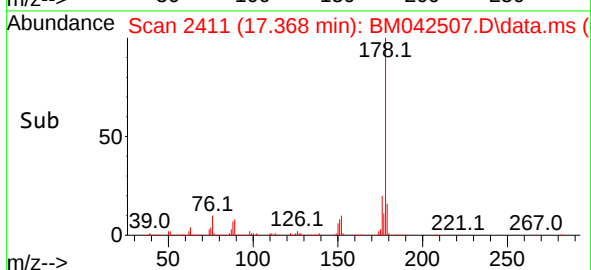
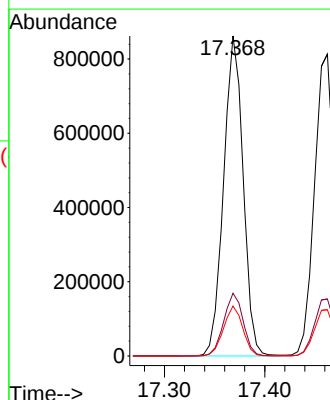
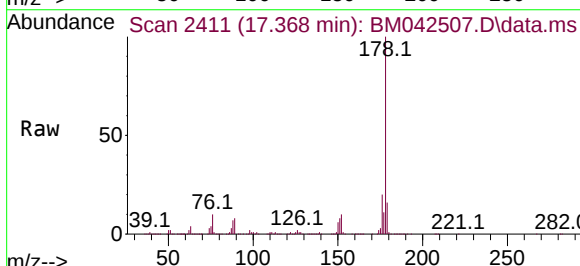
Tgt Ion:178 Resp: 1166861

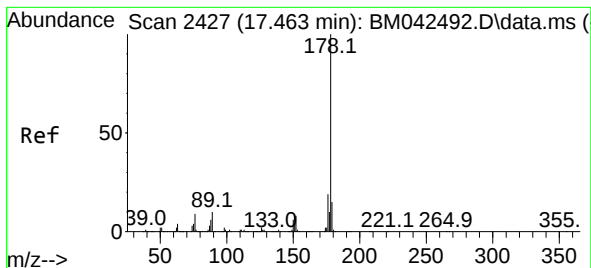
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.6 12.2 18.4





#72

Anthracene

Concen: 48.951 ng

RT: 17.462 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

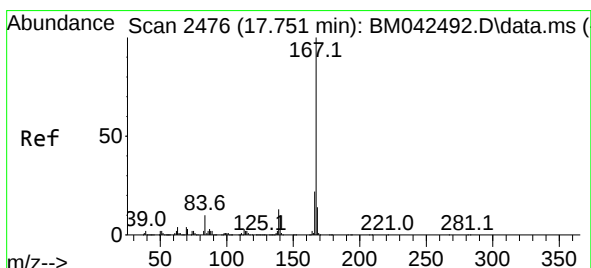
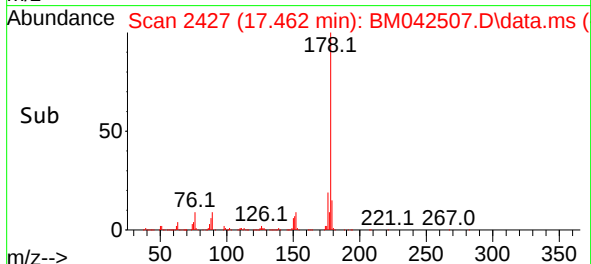
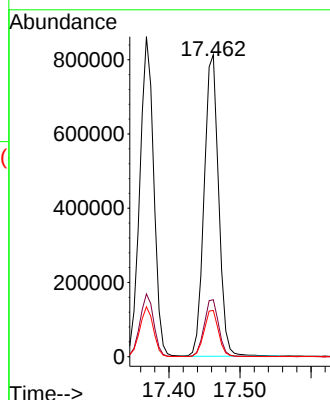
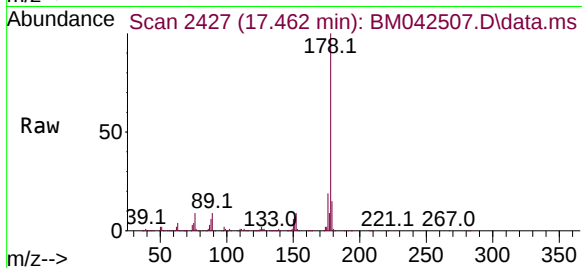
Tgt Ion:178 Resp: 1154493

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.3 18.5



#73

Carbazole

Concen: 50.062 ng

RT: 17.751 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

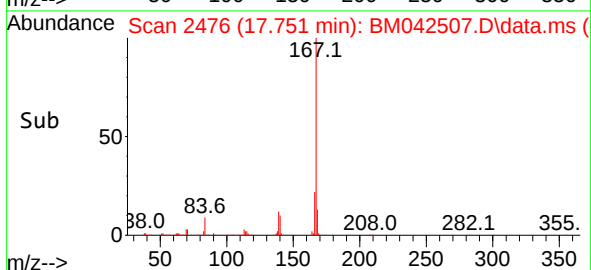
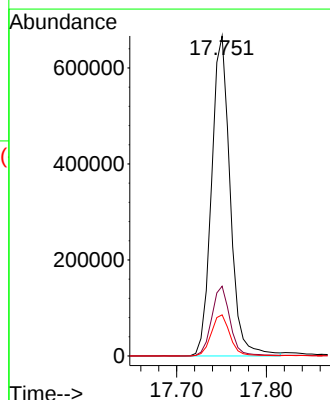
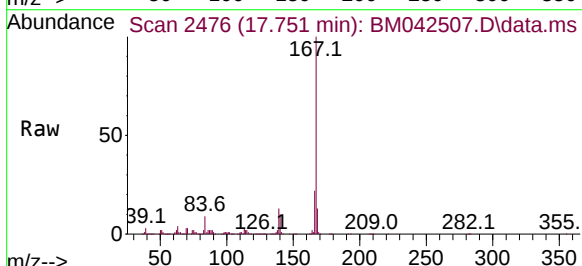
Tgt Ion:167 Resp: 960504

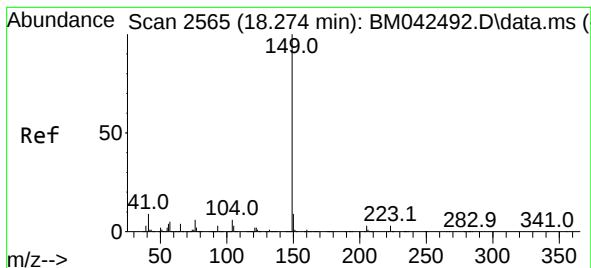
Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 12.8 10.5 15.7





#74

Di-n-butylphthalate

Concen: 49.425 ng

RT: 18.268 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

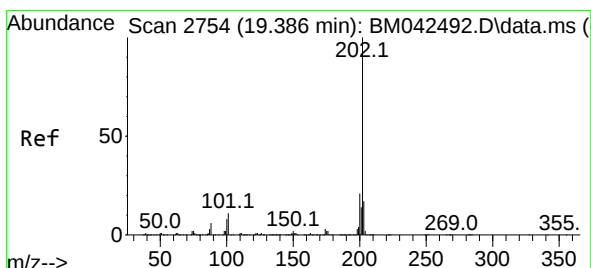
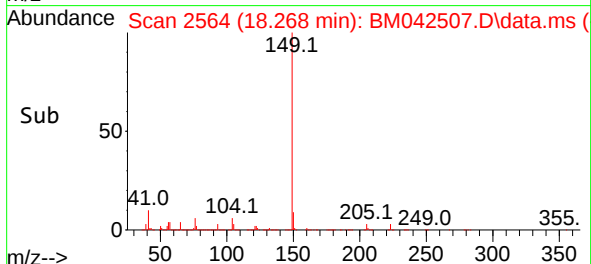
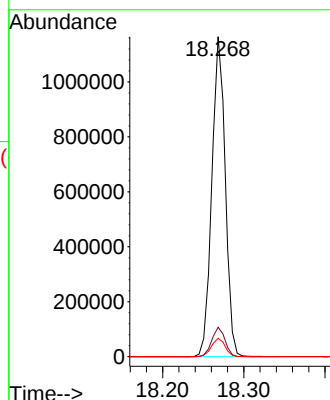
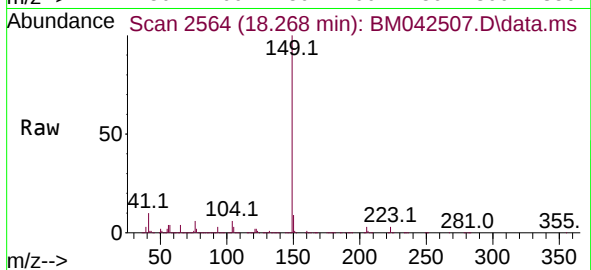
Tgt Ion:149 Resp: 1331669

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 5.8 4.6 6.8



#75

Fluoranthene

Concen: 44.108 ng

RT: 19.380 min Scan# 2753

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

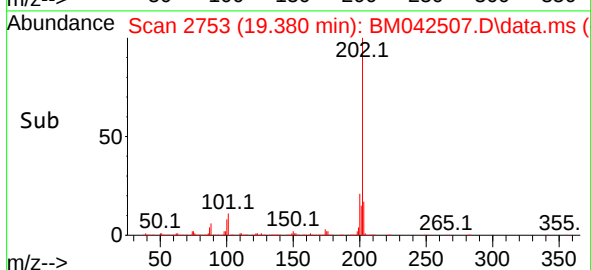
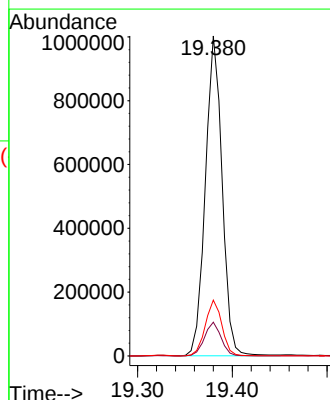
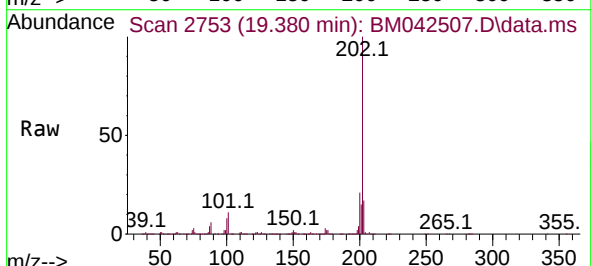
Tgt Ion:202 Resp: 1233696

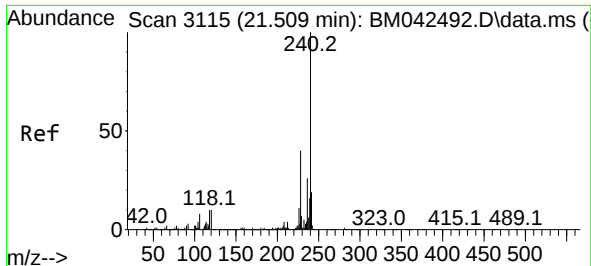
Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

203 17.5 0.0 37.0

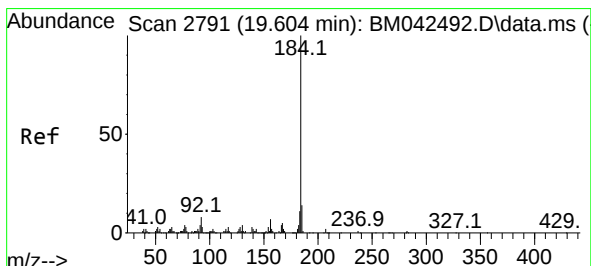
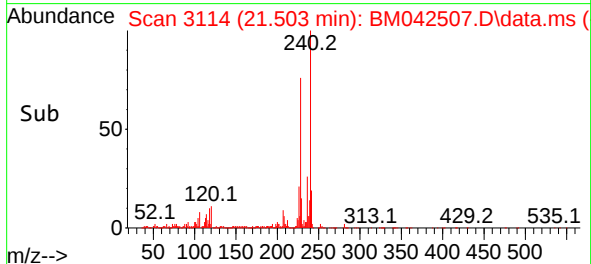
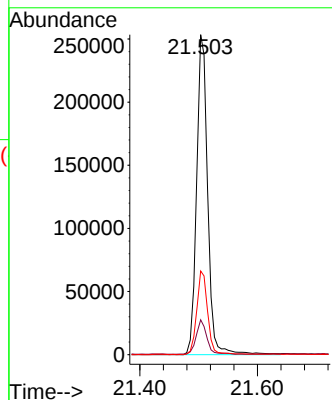
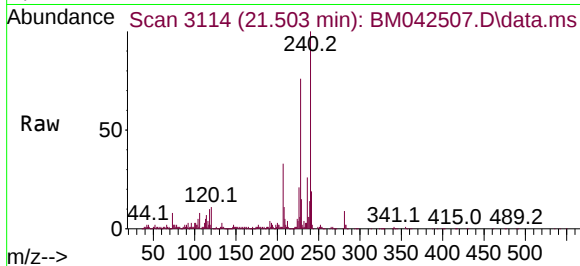




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

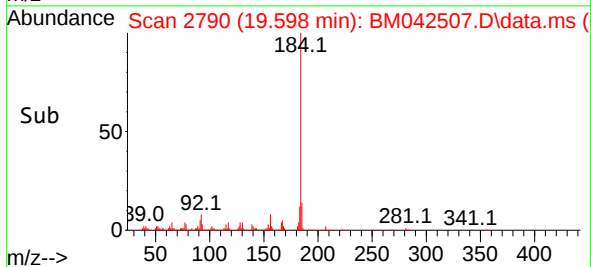
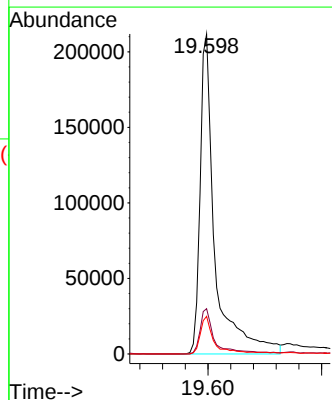
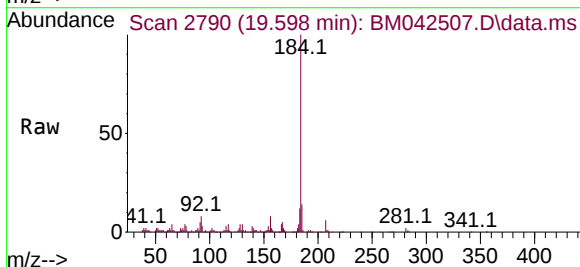
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BNA_M
ClientSampleId :
PB156500BS

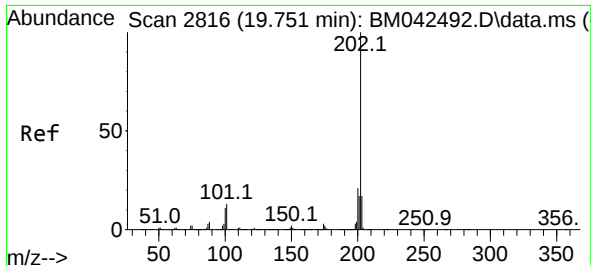
Tgt Ion:240 Resp: 331783
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 26.2 20.8 31.2



#77
Benzidine
Concen: 120.982 ng
RT: 19.598 min Scan# 2790
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:184 Resp: 385031
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.7 9.0 13.4

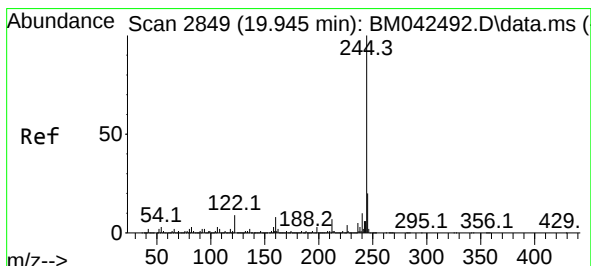
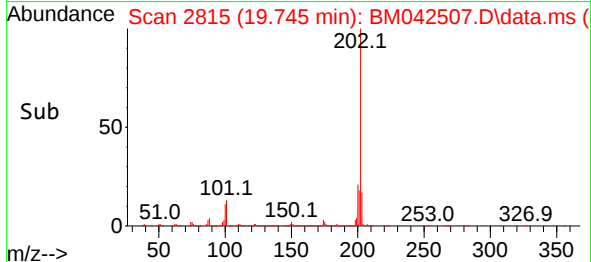
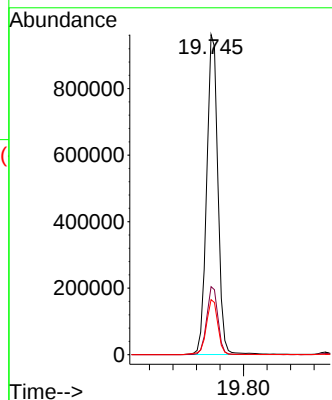
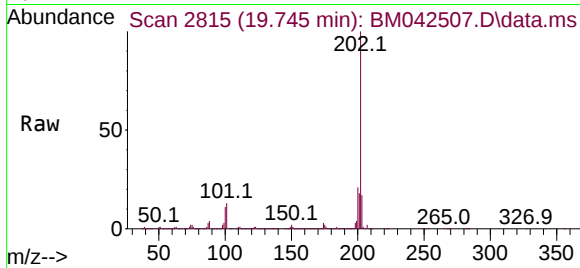




#78
 Pyrene
 Concen: 56.232 ng
 RT: 19.745 min Scan# 2816
 Delta R.T. -0.006 min
 Lab File: BM042507.D
 Acq: 31 Oct 2023 12:25

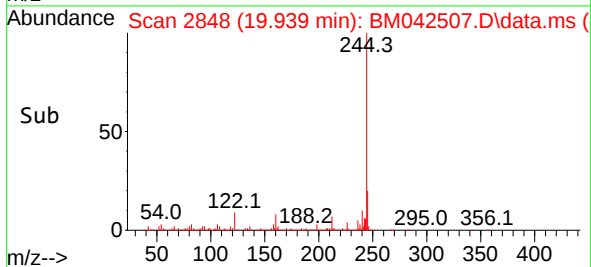
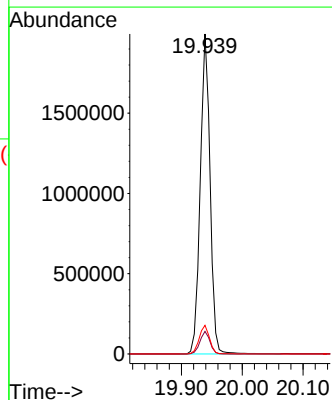
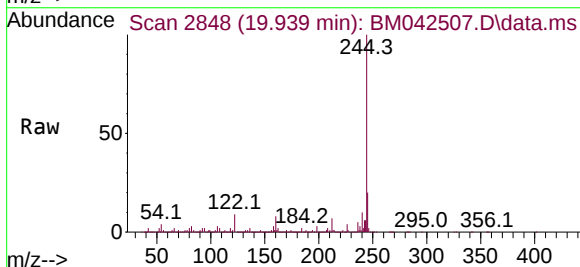
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

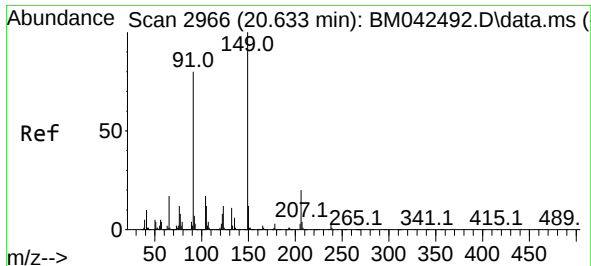
Tgt Ion:202 Resp: 1281111
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.9 25.3
 203 17.2 13.7 20.5



#79
 Terphenyl-d14
 Concen: 114.268 ng
 RT: 19.939 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM042507.D
 Acq: 31 Oct 2023 12:25

Tgt Ion:244 Resp: 2235915
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.0 7.2 10.8

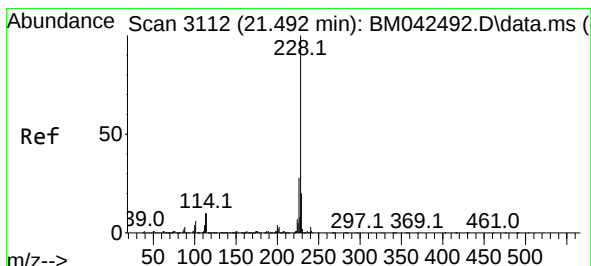
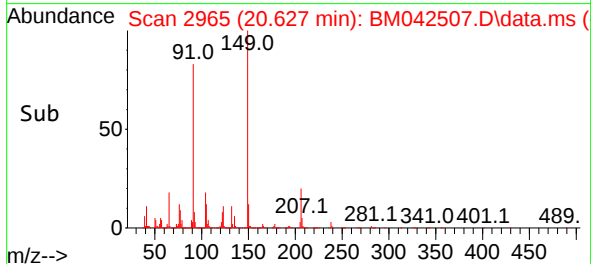
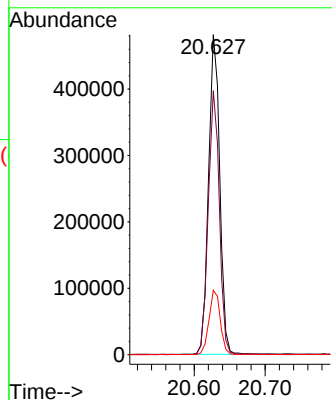
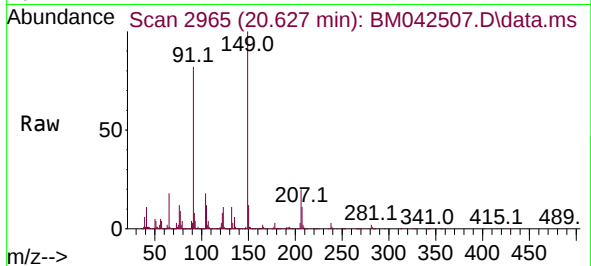




#80
Butylbenzylphthalate
Concen: 54.383 ng
RT: 20.627 min Scan# 2965
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

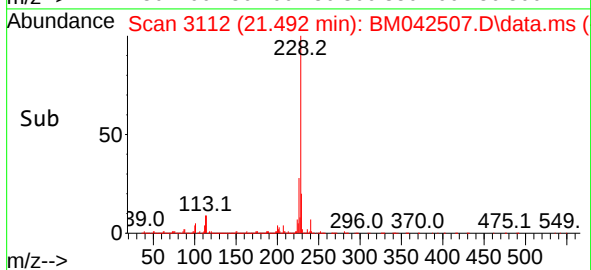
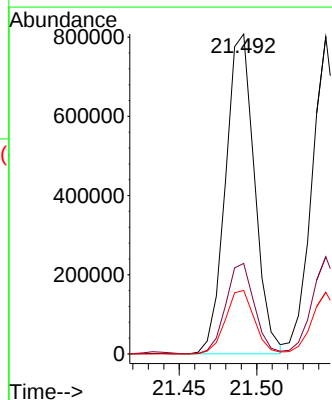
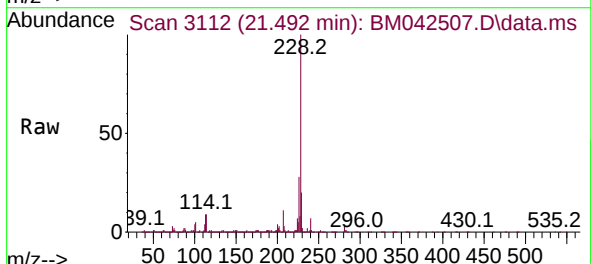
Instrument :
BNA_M
ClientSampleId :
PB156500BS

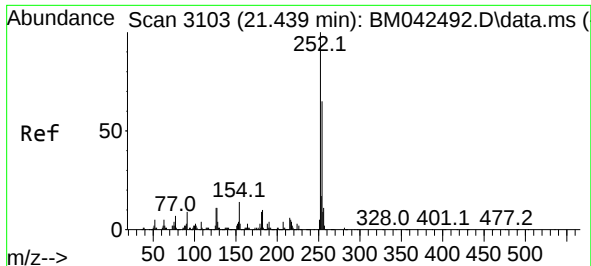
Tgt Ion:149 Resp: 529168
Ion Ratio Lower Upper
149 100
91 82.5 64.2 96.4
206 20.1 16.1 24.1



#81
Benzo(a)anthracene
Concen: 49.771 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:228 Resp: 1050653
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 19.8 15.8 23.8

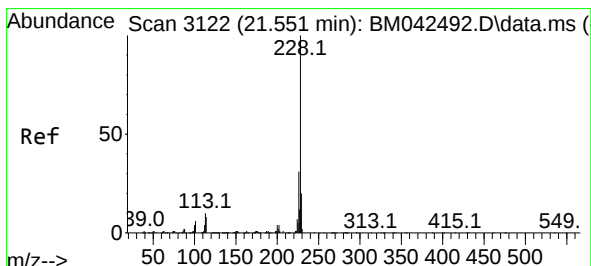
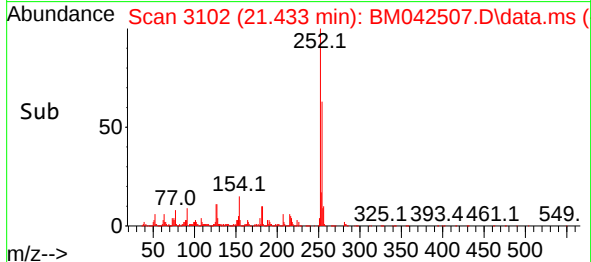
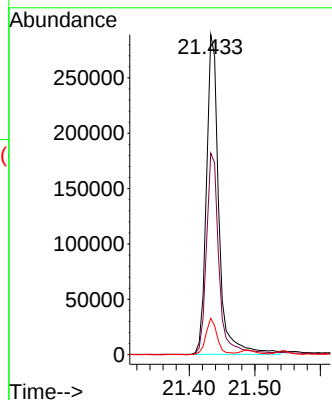
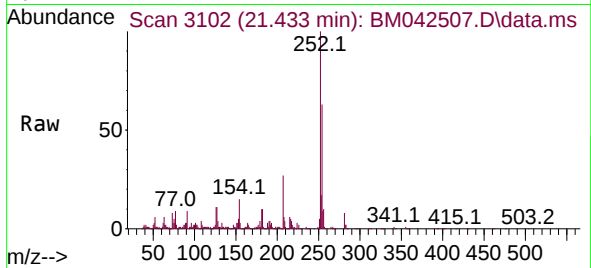




#82
 3,3'-Dichlorobenzidine
 Concen: 57.031 ng
 RT: 21.433 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM042507.D
 Acq: 31 Oct 2023 12:25

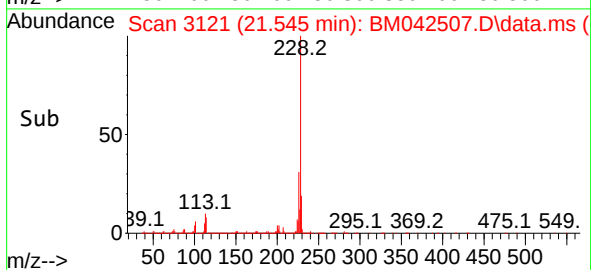
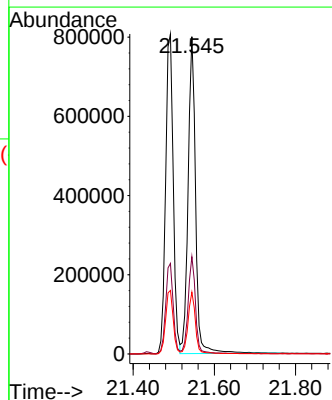
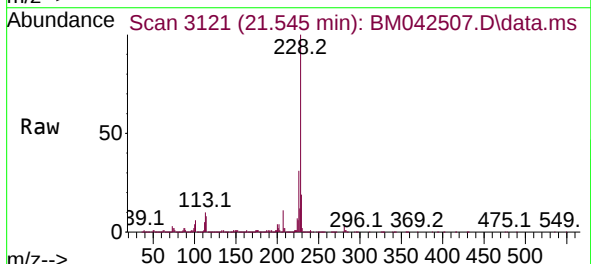
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

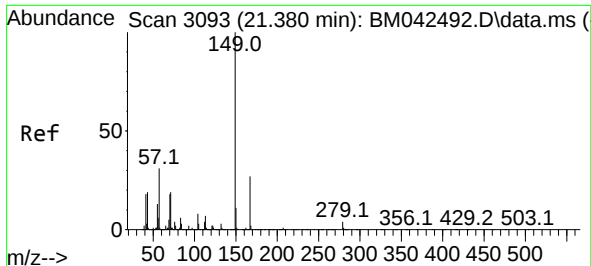
Tgt Ion:252 Resp: 382620
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.2 78.4
 126 11.4 8.9 13.3



#83
 Chrysene
 Concen: 47.608 ng
 RT: 21.545 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BM042507.D
 Acq: 31 Oct 2023 12:25

Tgt Ion:228 Resp: 1020860
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.5 15.7 23.5

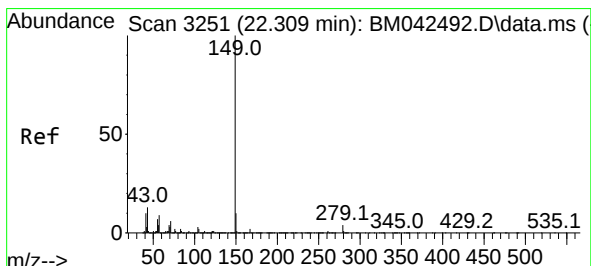
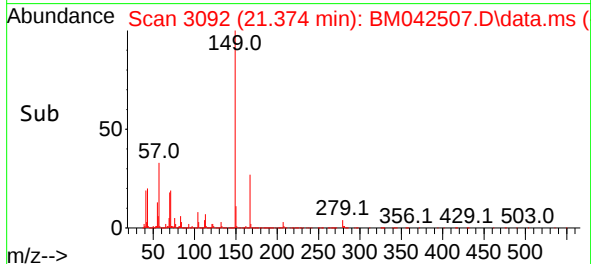
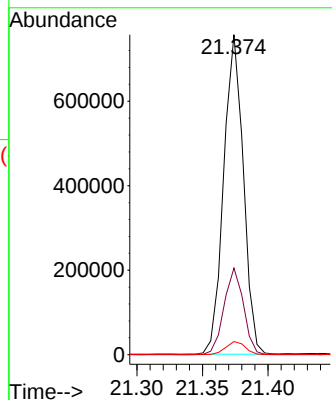
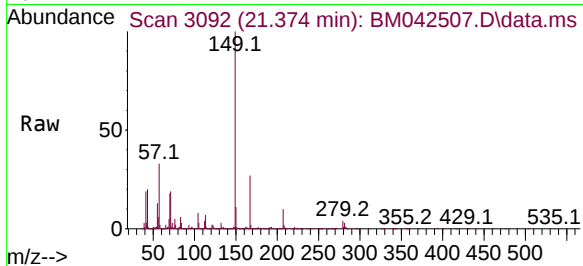




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.424 ng
RT: 21.374 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

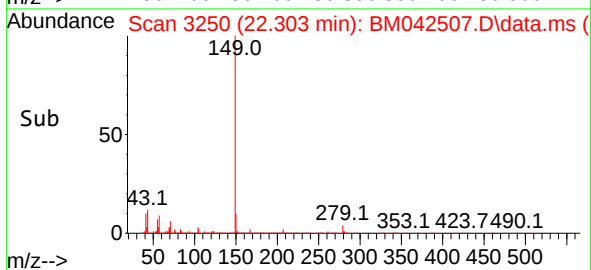
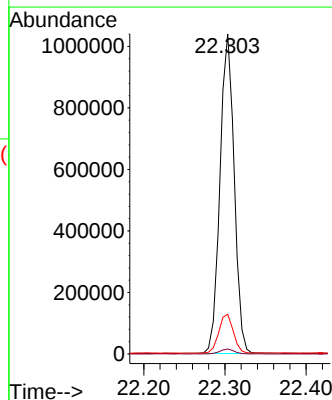
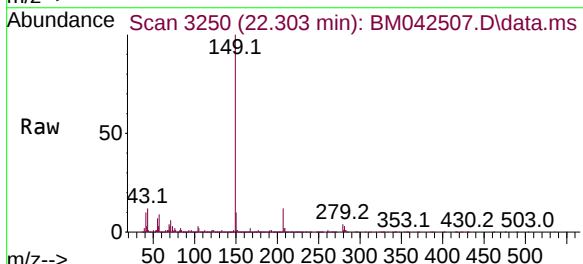
Instrument :
BNA_M
ClientSampleId :
PB156500BS

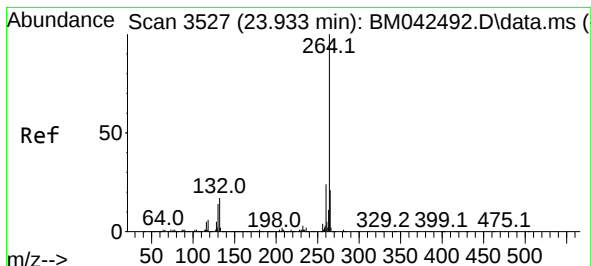
Tgt Ion:149 Resp: 785641
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.1 3.4 5.2



#85
Di-n-octyl phthalate
Concen: 50.019 ng
RT: 22.303 min Scan# 3250
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:149 Resp: 1266107
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.4 10.2 15.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

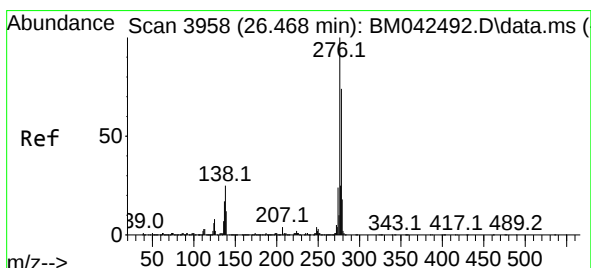
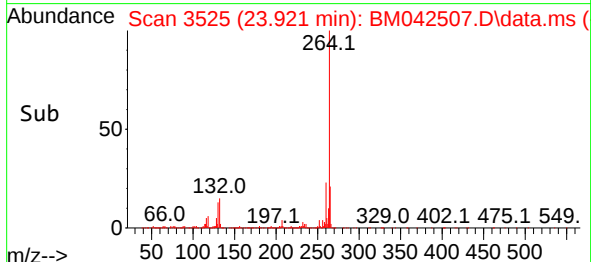
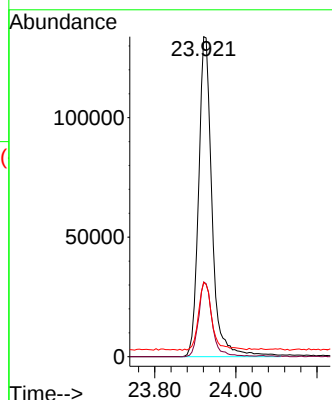
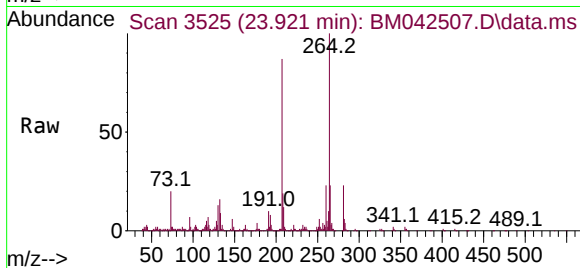
Tgt Ion:264 Resp: 308790

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 23.2 18.7 28.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 54.239 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.012 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

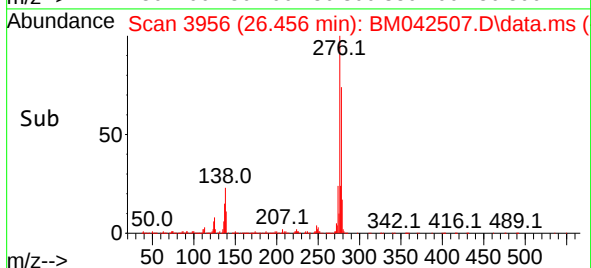
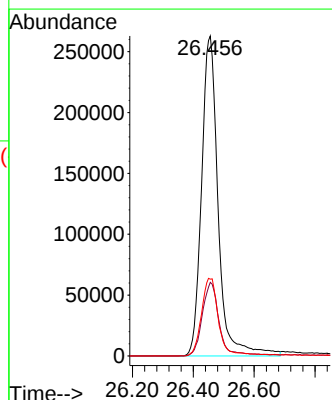
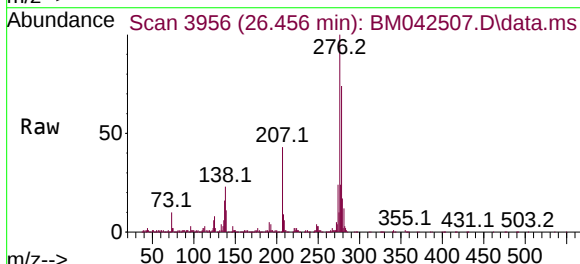
Tgt Ion:276 Resp: 996826

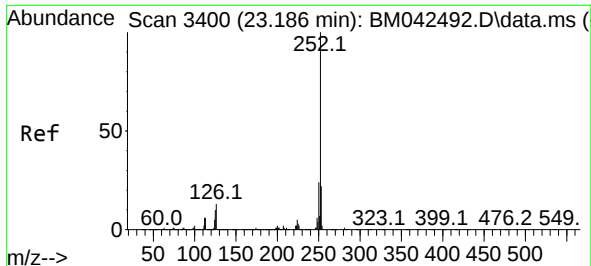
Ion Ratio Lower Upper

276 100

138 23.4 20.6 31.0

277 24.9 19.5 29.3

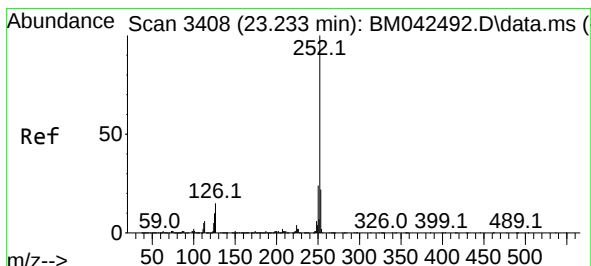
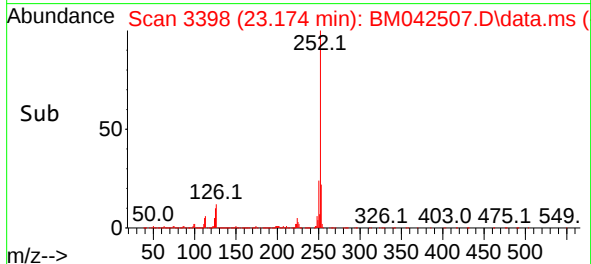
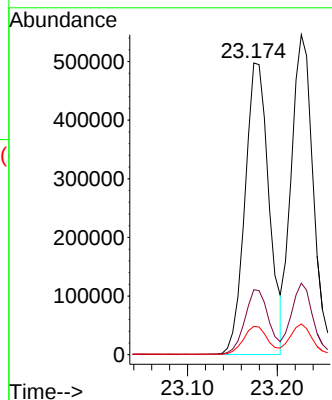
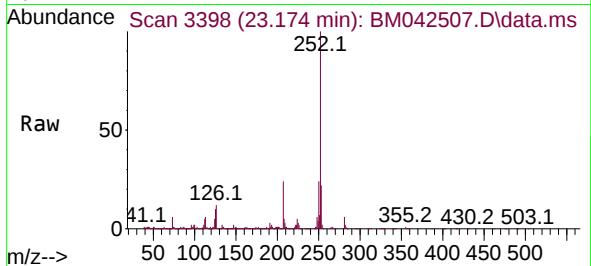




#88
Benzo(b)fluoranthene
Concen: 53.729 ng
RT: 23.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

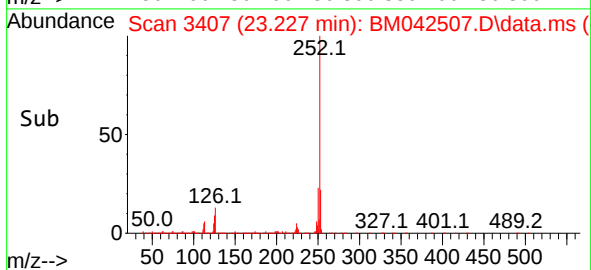
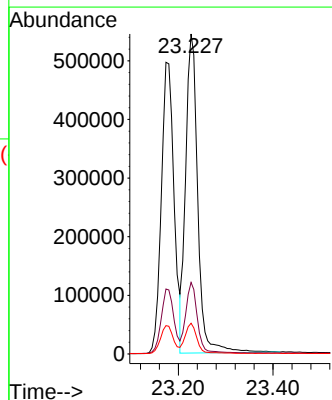
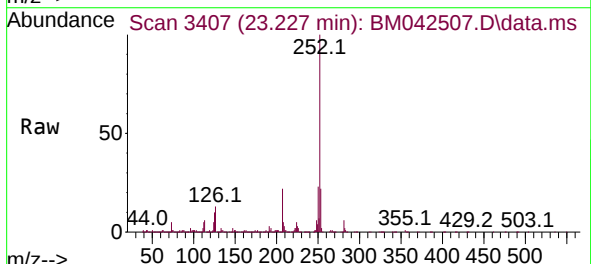
Instrument :
BNA_M
ClientSampleId :
PB156500BS

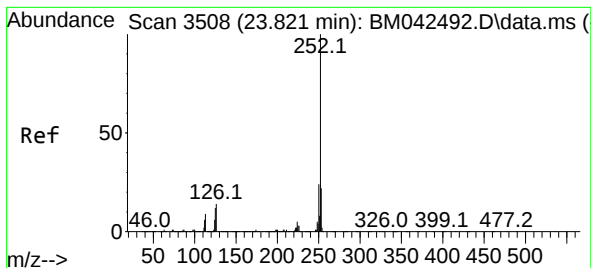
Tgt Ion:252 Resp: 924324
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.7 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 50.252 ng
RT: 23.227 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM042507.D
Acq: 31 Oct 2023 12:25

Tgt Ion:252 Resp: 963315
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.6 8.2 12.4





#90

Benzo(a)pyrene

Concen: 46.653 ng

RT: 23.815 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS

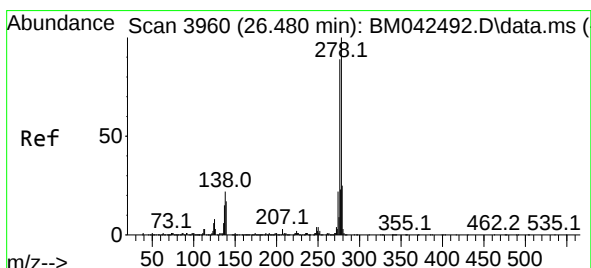
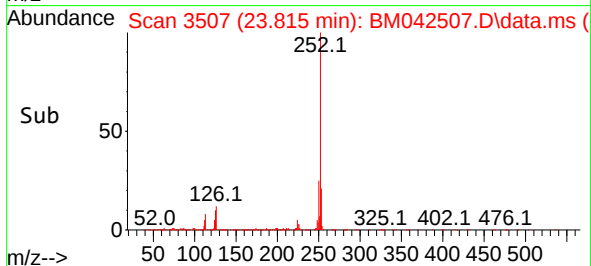
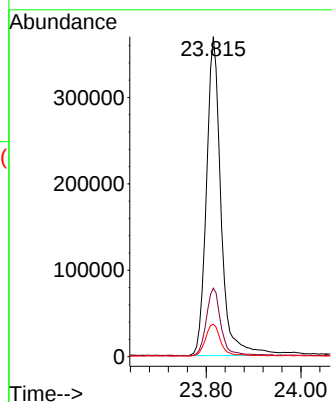
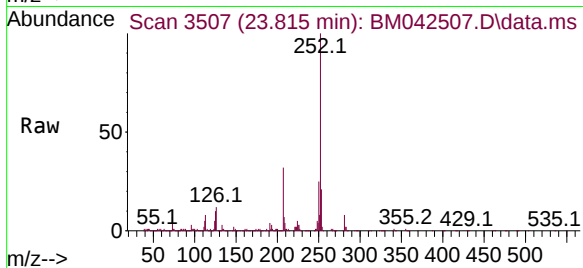
Tgt Ion:252 Resp: 790164

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 10.2 9.4 14.2



#91

Dibenzo(a,h)anthracene

Concen: 47.975 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042507.D

Acq: 31 Oct 2023 12:25

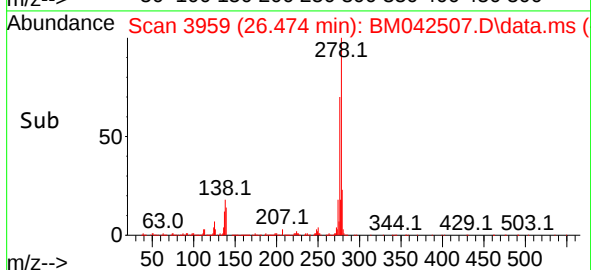
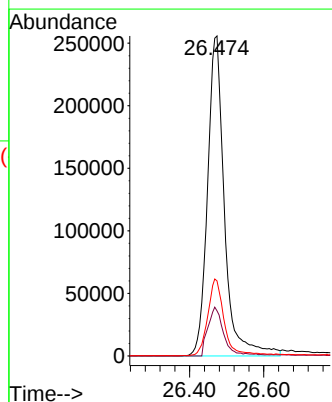
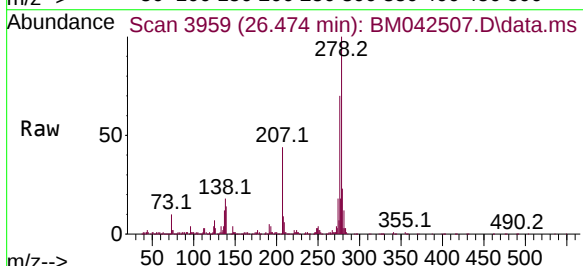
Tgt Ion:278 Resp: 813927

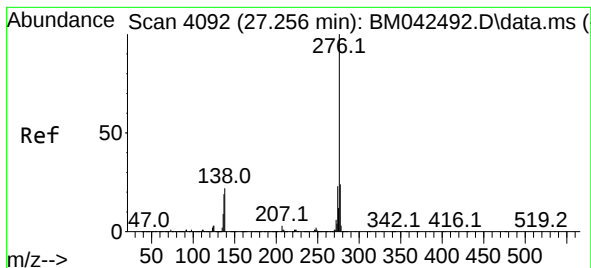
Ion Ratio Lower Upper

278 100

139 14.1 13.4 20.2

279 23.4 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 52.919 ng

RT: 27.244 min Scan# 40

Delta R.T. -0.012 min

Lab File: BM042507.D

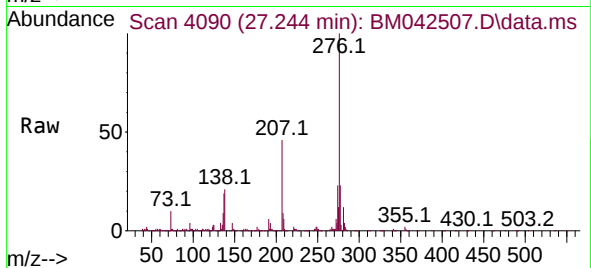
Acq: 31 Oct 2023 12:25

Instrument :

BNA_M

ClientSampleId :

PB156500BS



Tgt Ion:276 Resp: 857184

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 21.4 17.3 25.9

