

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042509.D
 Acq On : 31 Oct 2023 14:04
 Operator : MA/JU
 Sample : PB156527BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156527BS

Quant Time: Nov 01 01:26:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	103579	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	412459	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	227322	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	418982	20.000	ng	0.00
76) Chrysene-d12	21.509	240	303945	20.000	ng	0.00
86) Perylene-d12	23.927	264	286697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1033246	160.992	ng	0.00
7) Phenol-d6	7.093	99	1323243	150.334	ng	0.00
23) Nitrobenzene-d5	9.122	82	875895	98.994	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	460774	155.253	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1779040	105.308	ng	0.00
79) Terphenyl-d14	19.939	244	2216940	123.676	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	107621	35.186	ng	96
3) Pyridine	3.746	79	278695	31.763	ng	98
4) n-Nitrosodimethylamine	3.663	42	205777	48.734	ng	92
6) Aniline	7.263	93	380861	34.040	ng	98
8) 2-Chlorophenol	7.475	128	349666	50.527	ng	98
9) Benzaldehyde	7.081	77	43327	8.541	ng	94
10) Phenol	7.116	94	457225	51.147	ng	96
11) bis(2-Chloroethyl)ether	7.357	93	355702	47.034	ng	99
12) 1,3-Dichlorobenzene	7.798	146	361441	48.326	ng	97
13) 1,4-Dichlorobenzene	7.951	146	372690	49.236	ng	99
14) 1,2-Dichlorobenzene	8.263	146	361420	49.455	ng	99
15) Benzyl Alcohol	8.187	79	332140	53.300	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	295360	24.542	ng	100
17) 2-Methylphenol	8.375	107	297413	46.987	ng	98
18) Hexachloroethane	8.981	117	148599	50.173	ng	95
19) n-Nitroso-di-n-propyla...	8.745	70	299787	48.146	ng	98
20) 3+4-Methylphenols	8.710	107	390564	46.152	ng	97
22) Acetophenone	8.775	105	534165	51.350	ng	# 99
24) Nitrobenzene	9.163	77	439812	50.467	ng	99
25) Isophorone	9.681	82	768825	49.093	ng	99
26) 2-Nitrophenol	9.863	139	183694	49.453	ng	98
27) 2,4-Dimethylphenol	9.910	122	275329	45.956	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	470881	49.909	ng	99
29) 2,4-Dichlorophenol	10.386	162	320717	54.102	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	346650	53.359	ng	97
31) Naphthalene	10.792	128	1052385	49.385	ng	100
32) Benzoic acid	10.081	122	225234	46.375	ng	91
33) 4-Chloroaniline	10.933	127	134129	16.142	ng	97
34) Hexachlorobutadiene	11.010	225	217463	55.133	ng	99
35) Caprolactam	11.792	113	89193	42.824	ng	97
36) 4-Chloro-3-methylphenol	12.039	107	331670	49.163	ng	99
37) 2-Methylnaphthalene	12.398	142	693414	46.204	ng	98
38) 1-Methylnaphthalene	12.616	142	675807	47.841	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	388986	57.278	ng	99
41) Hexachlorocyclopentadiene	12.692	237	513327	122.573	ng	100
43) 2,4,6-Trichlorophenol	13.004	196	247670	56.939	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	268389	51.851	ng	96
46) 1,1'-Biphenyl	13.410	154	919789	52.932	ng	99
47) 2-Chloronaphthalene	13.457	162	689783	54.110	ng	100
48) 2-Nitroaniline	13.698	65	228346	44.736	ng	97
49) Acenaphthylene	14.304	152	1125504	53.310	ng	99
50) Dimethylphthalate	14.045	163	828127	48.741	ng	100
51) 2,6-Dinitrotoluene	14.186	165	173404	49.521	ng	98
52) Acenaphthene	14.639	154	630803	49.231	ng	99
53) 3-Nitroaniline	14.527	138	107869	29.332	ng	99
54) 2,4-Dinitrophenol	14.727	184	229820	91.283	ng	96
55) Dibenzofuran	14.974	168	1030941	49.487	ng	99
56) 4-Nitrophenol	14.827	139	268381	83.968	ng	95
57) 2,4-Dinitrotoluene	14.968	165	231072	43.915	ng	98
58) Fluorene	15.621	166	825542	48.977	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	221893	50.896	ng	99
60) Diethylphthalate	15.392	149	811952	47.171	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	432630	50.805	ng	100
62) 4-Nitroaniline	15.692	138	134383	39.473	ng	91
63) Azobenzene	15.910	77	924555	48.743	ng	97
65) 4,6-Dinitro-2-methylph...	15.715	198	131651	48.771	ng	97
66) n-Nitrosodiphenylamine	15.839	169	675508	57.180	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	245168	58.519	ng	99
68) Hexachlorobenzene	16.592	284	281045	60.637	ng	95
69) Atrazine	16.792	200	220961	64.729	ng	99
70) Pentachlorophenol	16.957	266	382144	112.150	ng	99
71) Phenanthrene	17.368	178	1153107	52.664	ng	99
72) Anthracene	17.457	178	1151128	53.078	ng	100
73) Carbazole	17.751	167	955555	54.160	ng	100
74) Di-n-butylphthalate	18.268	149	1321149	53.324	ng	99
75) Fluoranthene	19.380	202	1221815	47.504	ng	99
77) Benzidine	19.598	184	333728	114.466	ng	100
78) Pyrene	19.745	202	1273107	60.999	ng	99
80) Butylbenzylphthalate	20.627	149	515988	57.885	ng	96
81) Benzo(a)anthracene	21.492	228	1045485	54.062	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	330398	53.757	ng	99
83) Chrysene	21.544	228	973586	49.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	757364	56.218	ng	99
85) Di-n-octyl phthalate	22.303	149	1206102	52.013	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	979047	57.377	ng	97
88) Benzo(b)fluoranthene	23.180	252	898359	56.244	ng	100
89) Benzo(k)fluoranthene	23.227	252	897984	50.453	ng	99
90) Benzo(a)pyrene	23.815	252	771914	49.088	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	820838	51.754	ng	97
92) Benzo(g,h,i)perylene	27.244	276	843219	56.069	ng	98

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

BNA M

ClientSampleId :
PB156527BS

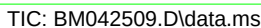
Quant Time: Nov 01 01:26:21 2023

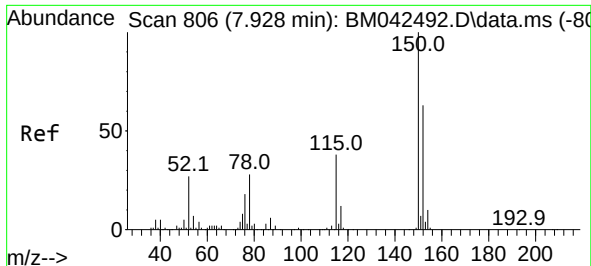
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M

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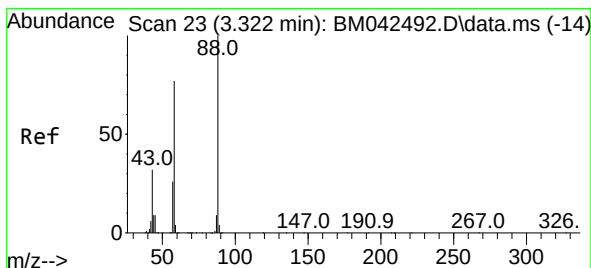
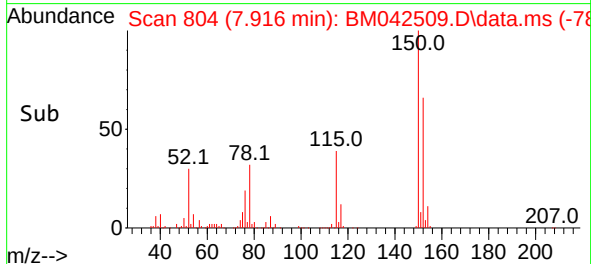
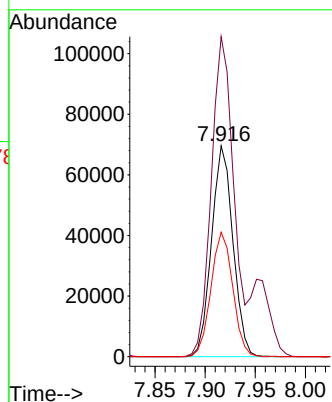
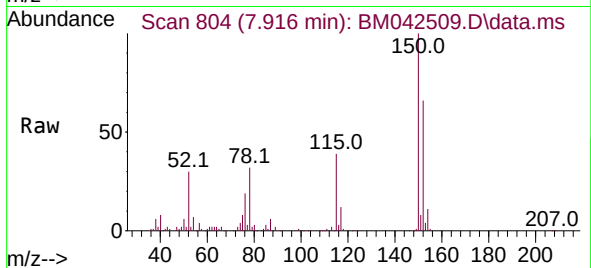




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BM042509.D
 Acq: 31 Oct 2023 14:04

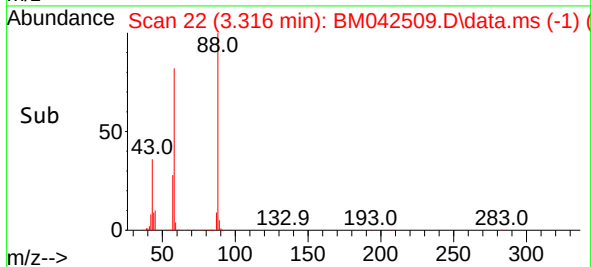
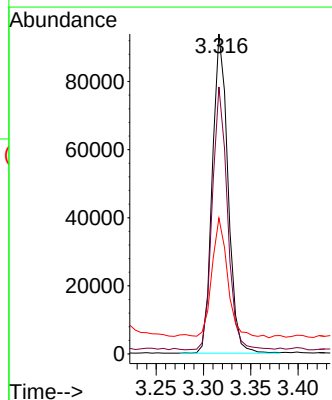
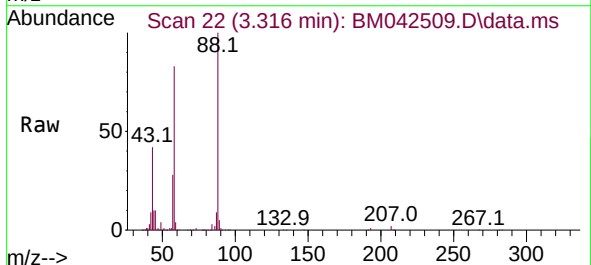
Instrument :
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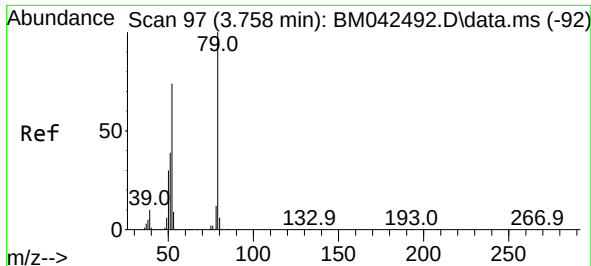
Tgt Ion:152 Resp: 103579
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.4 191.0
 115 59.0 47.9 71.9



#2
 1,4-Dioxane
 Concen: 35.186 ng
 RT: 3.316 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BM042509.D
 Acq: 31 Oct 2023 14:04

Tgt Ion: 88 Resp: 107621
 Ion Ratio Lower Upper
 88 100
 58 79.9 62.6 93.8
 43 38.1 26.5 39.7





#3

Pyridine

Concen: 31.763 ng

RT: 3.746 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

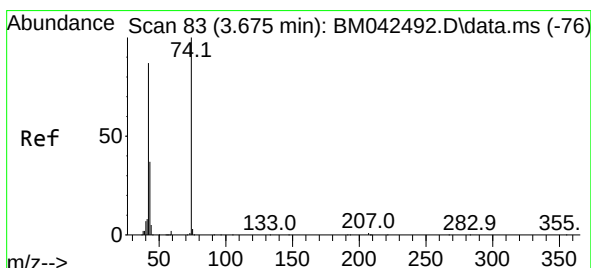
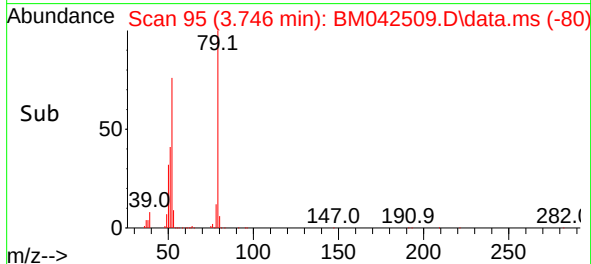
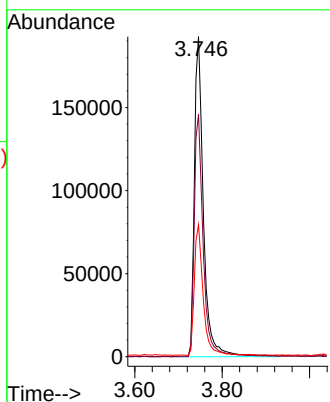
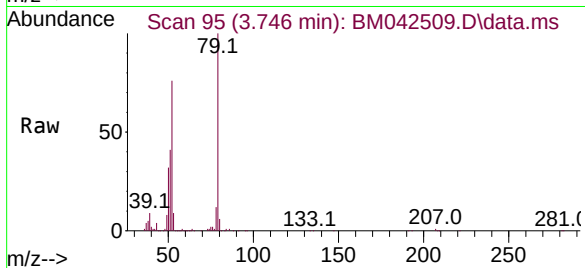
BNA_M

ClientSampleId :

PB156527BS

Tgt Ion: 79 Resp: 278695

Ion	Ratio	Lower	Upper
79	100		
52	75.8	59.3	88.9
51	41.2	32.7	49.1



#4

n-Nitrosodimethylamine

Concen: 48.734 ng

RT: 3.663 min Scan# 81

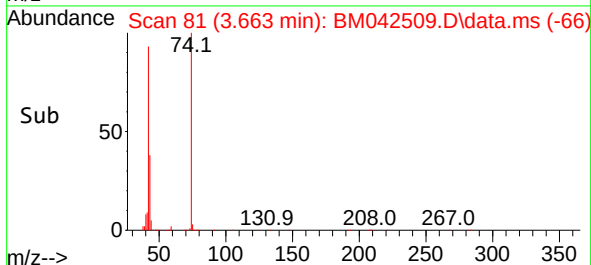
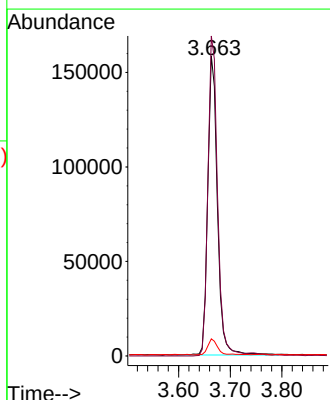
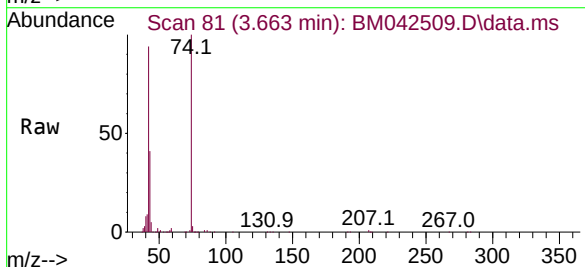
Delta R.T. -0.012 min

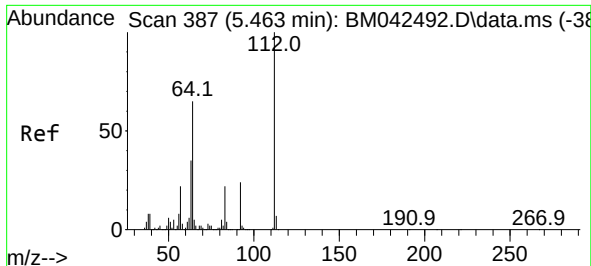
Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Tgt Ion: 42 Resp: 205777

Ion	Ratio	Lower	Upper
42	100		
74	106.7	92.2	138.2
44	5.7	5.1	7.7

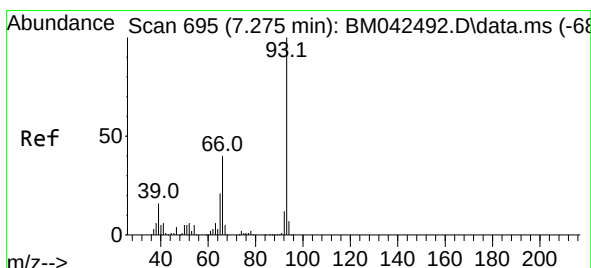
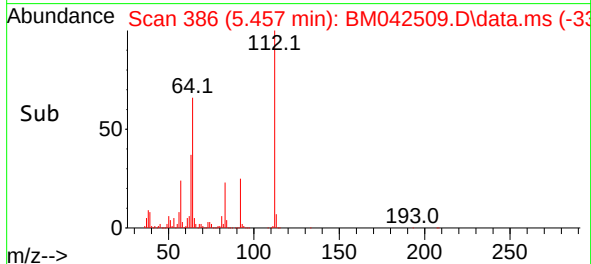
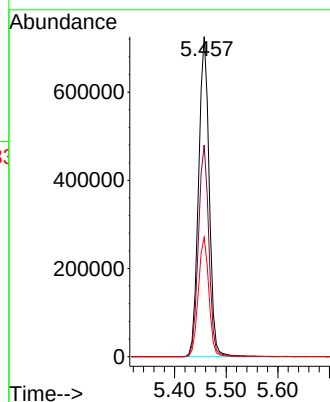
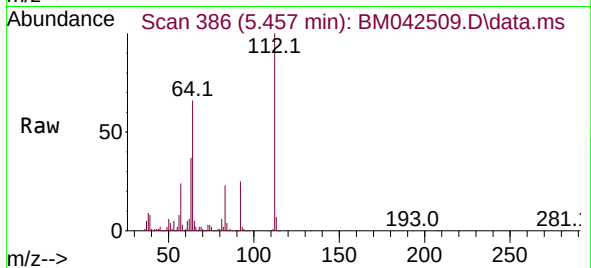




#5
2-Fluorophenol
Concen: 160.992 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

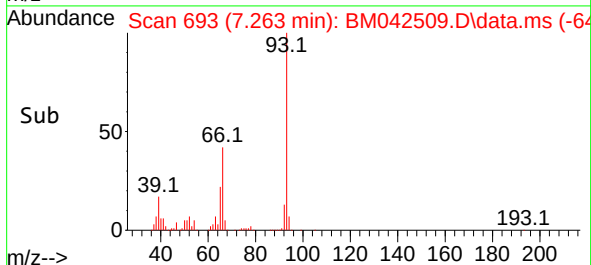
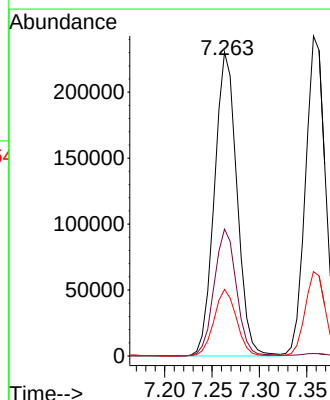
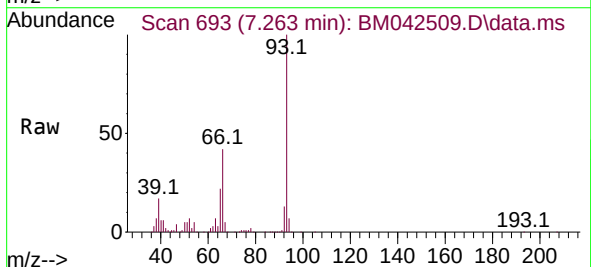
Instrument :
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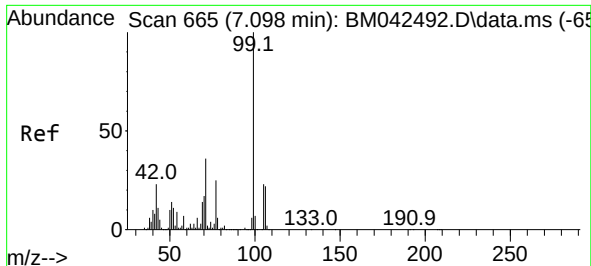
Tgt Ion:112 Resp: 1033246
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 37.2 28.3 42.5



#6
Aniline
Concen: 34.040 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 93 Resp: 380861
Ion Ratio Lower Upper
93 100
66 41.8 32.2 48.2
65 21.9 17.0 25.6

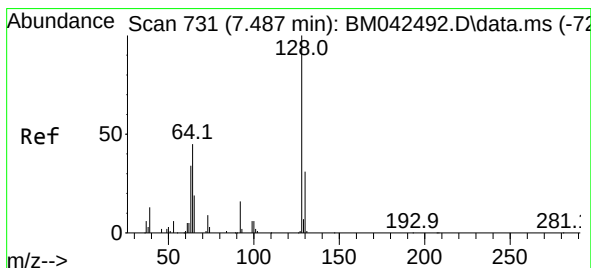
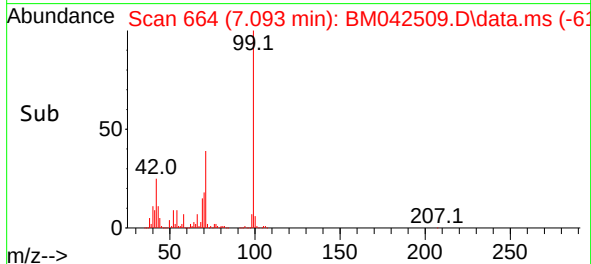
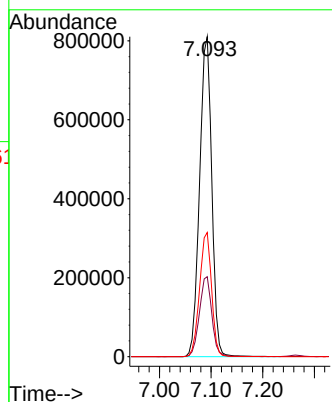
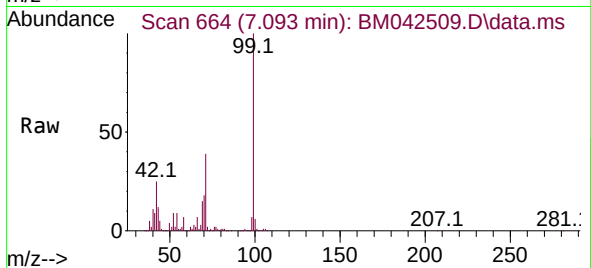




#7
Phenol-d6
Concen: 150.334 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

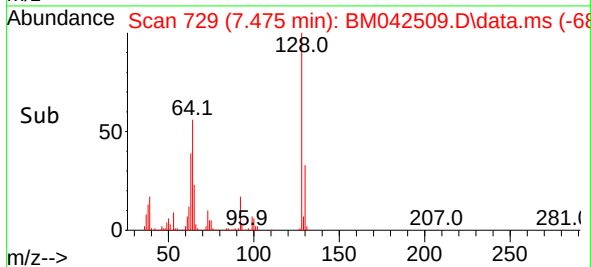
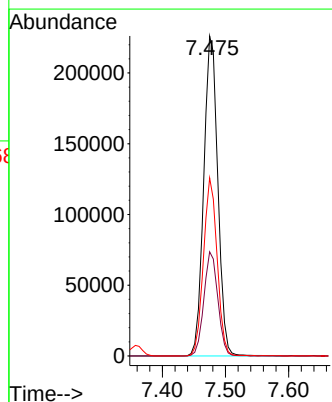
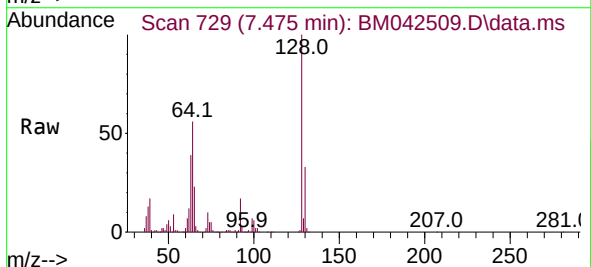
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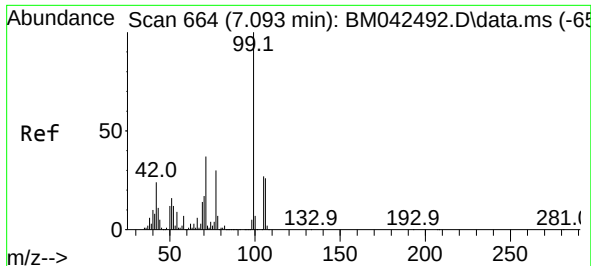
Tgt Ion: 99 Resp: 1323243
Ion Ratio Lower Upper
99 100
42 25.0 18.7 28.1
71 38.8 29.1 43.7



#8
2-Chlorophenol
Concen: 50.527 ng
RT: 7.475 min Scan# 729
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 128 Resp: 349666
Ion Ratio Lower Upper
128 100
130 32.5 11.2 51.2
64 55.6 34.4 74.4

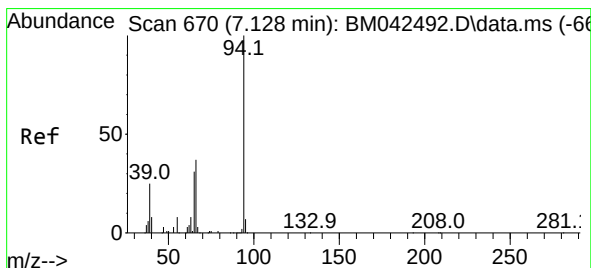
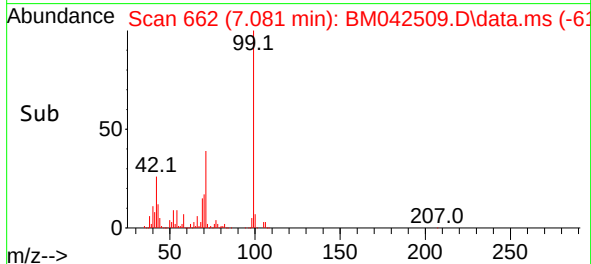
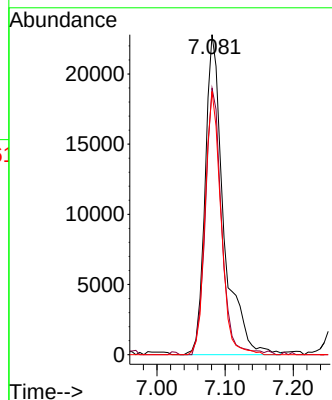
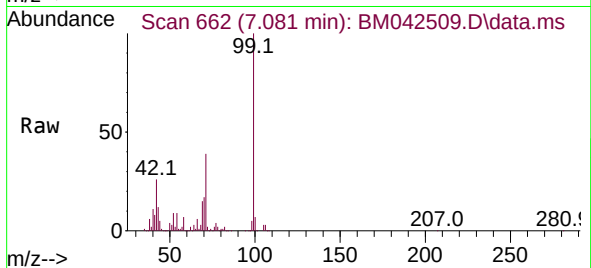




#9
Benzaldehyde
Concen: 8.541 ng
RT: 7.081 min Scan# 664
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

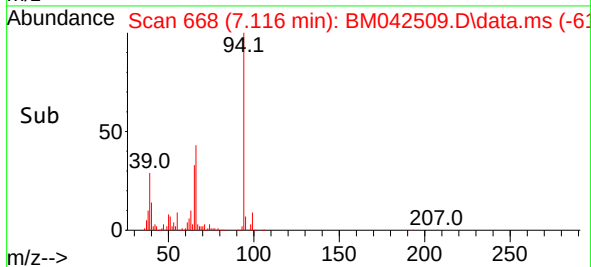
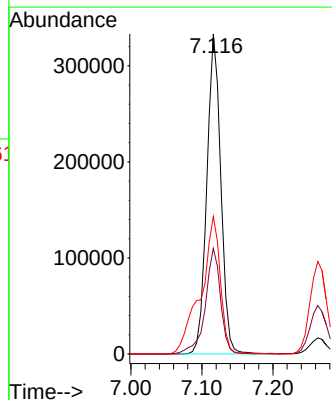
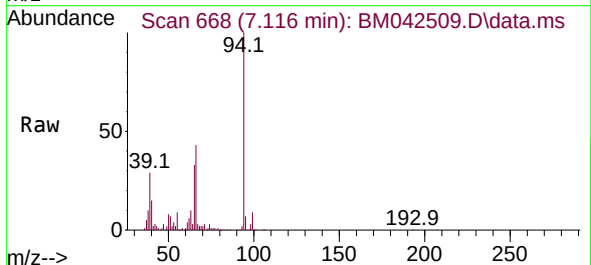
Instrument :
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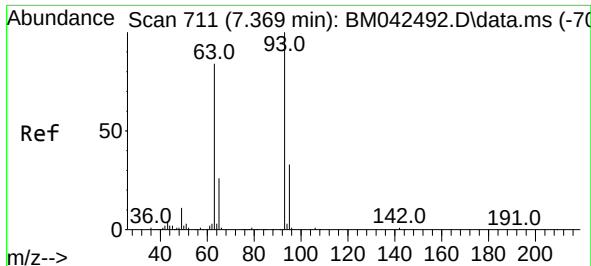
Tgt Ion: 77 Resp: 43327
Ion Ratio Lower Upper
77 100
105 83.3 69.7 109.7
106 82.2 66.4 106.4



#10
Phenol
Concen: 51.147 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 94 Resp: 457225
Ion Ratio Lower Upper
94 100
65 33.0 11.5 51.5
66 43.0 20.0 60.0

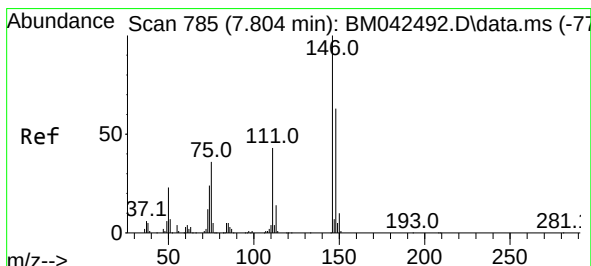
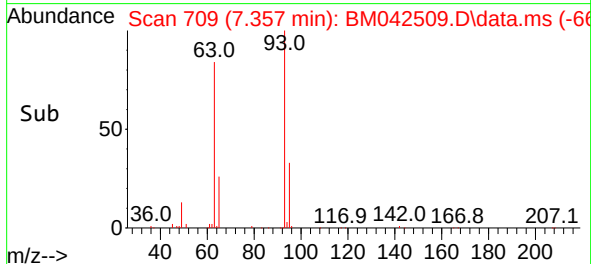
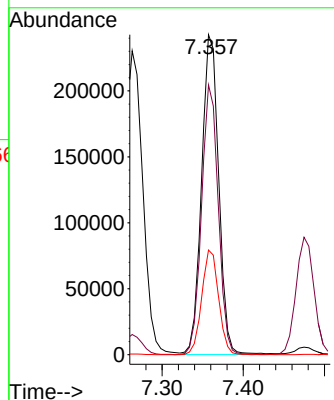
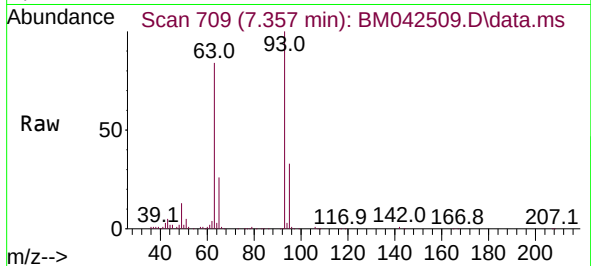




#11
bis(2-Chloroethyl)ether
Concen: 47.034 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

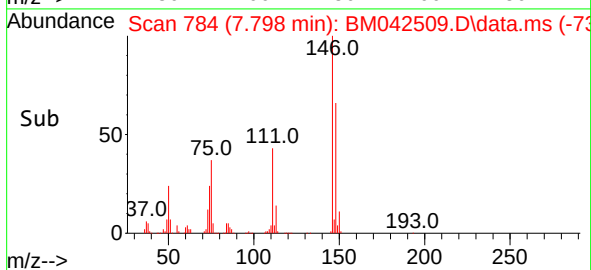
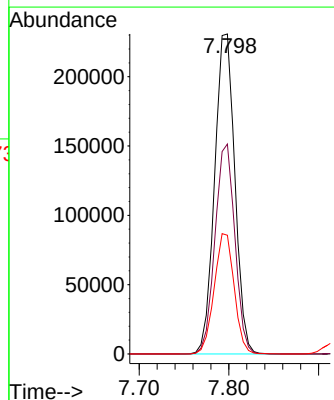
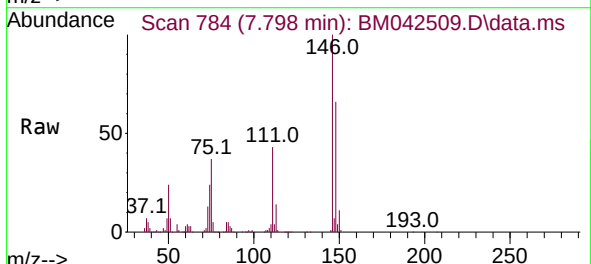
Instrument :
BNA_M
ClientSampleId :
PB156527BS

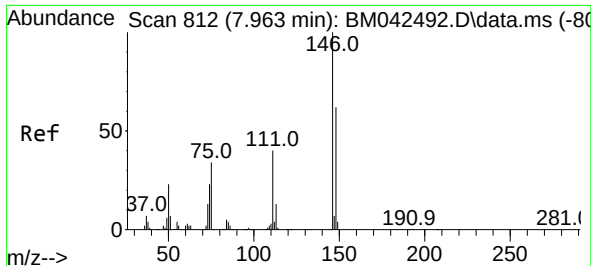
Tgt Ion: 93 Resp: 355702
Ion Ratio Lower Upper
93 100
63 84.3 63.2 103.2
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.326 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 146 Resp: 361441
Ion Ratio Lower Upper
146 100
148 65.6 50.4 75.6
75 37.1 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 49.236 ng

RT: 7.951 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

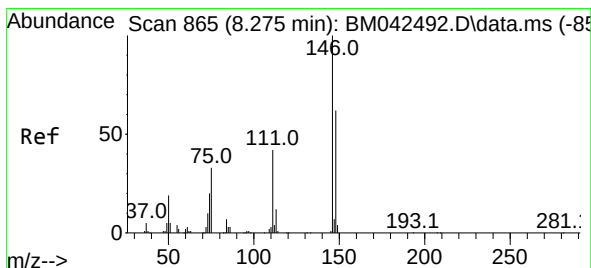
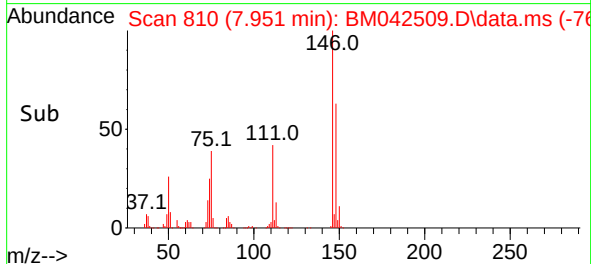
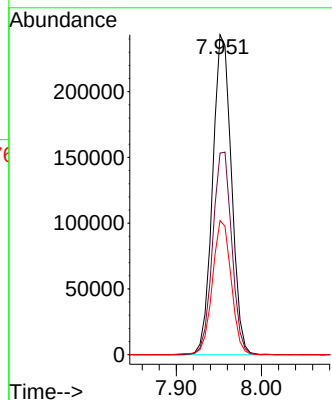
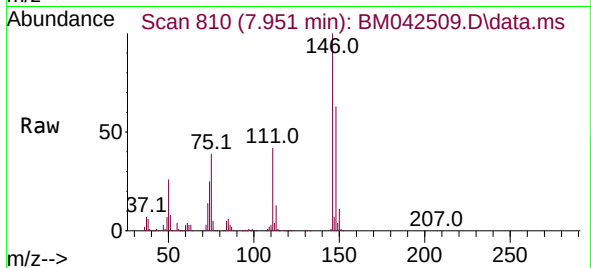
Tgt Ion:146 Resp: 372690

Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 41.9 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 49.455 ng

RT: 8.263 min Scan# 863

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

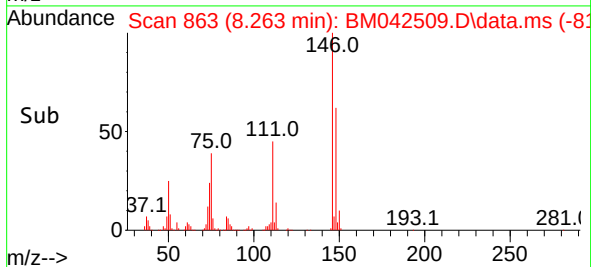
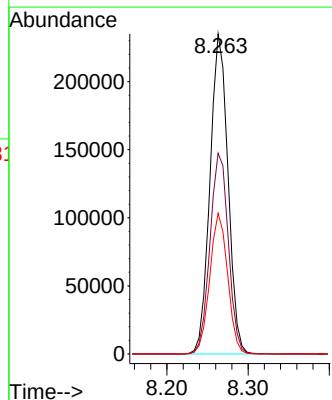
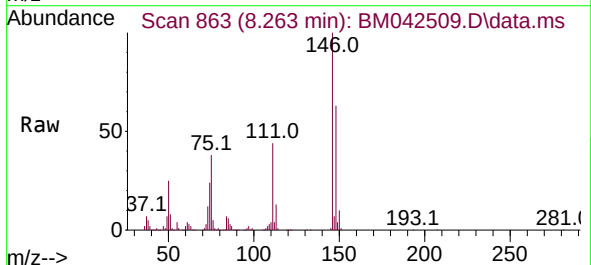
Tgt Ion:146 Resp: 361420

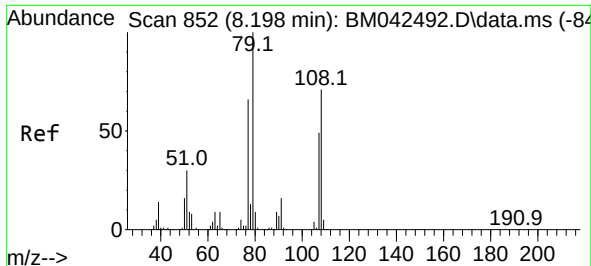
Ion Ratio Lower Upper

146 100

148 62.7 50.0 75.0

111 44.0 34.5 51.7

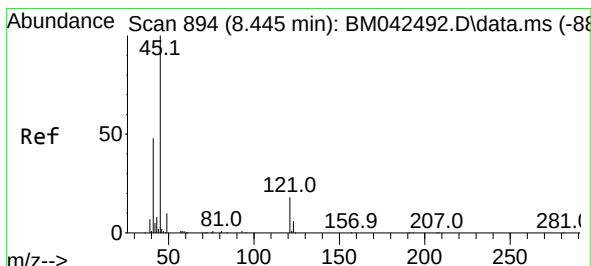
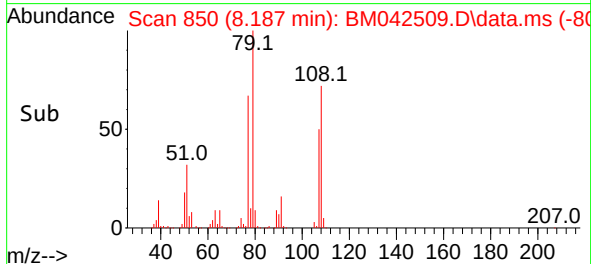
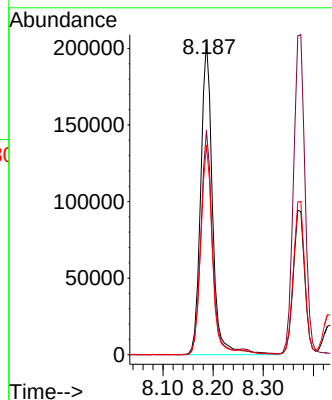
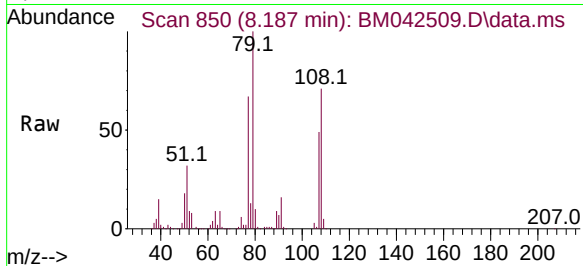




#15
Benzyl Alcohol
Concen: 53.300 ng
RT: 8.187 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

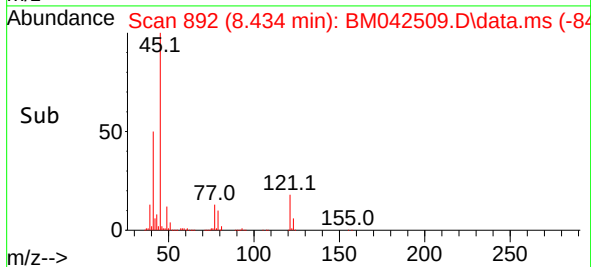
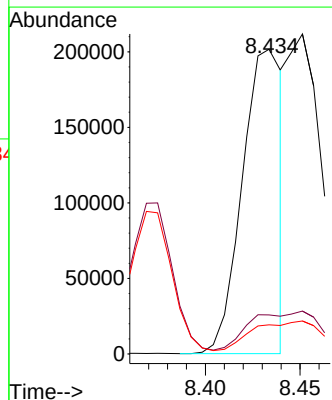
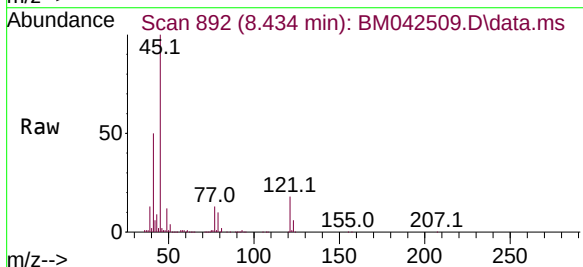
Instrument :
BNA_M
ClientSampleId :
PB156527BS

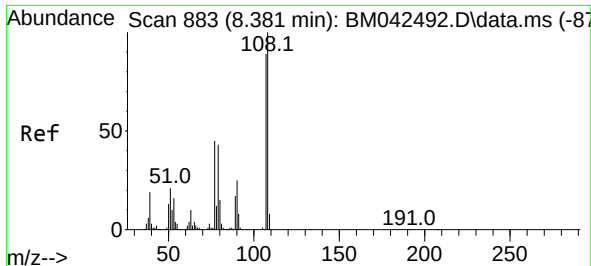
Tgt Ion: 79 Resp: 332140
Ion Ratio Lower Upper
79 100
108 71.4 56.8 85.2
77 66.9 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.542 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 45 Resp: 295360
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.0
79 9.6 0.0 29.5





#17

2-Methylphenol

Concen: 46.987 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

Tgt Ion:107 Resp: 297413

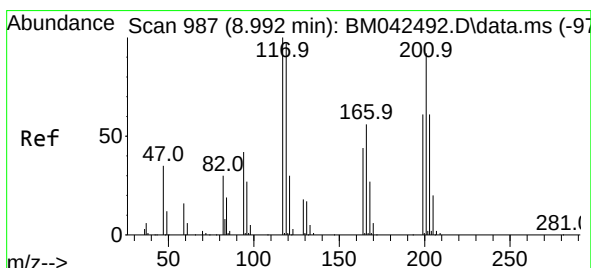
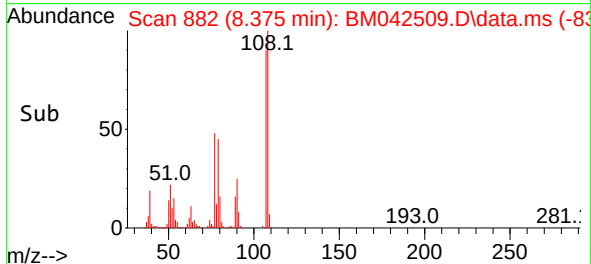
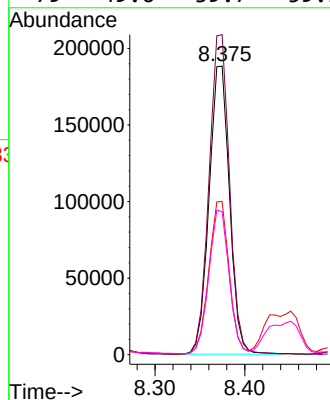
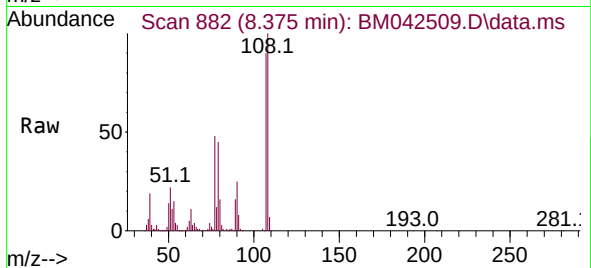
Ion Ratio Lower Upper

107 100

108 110.9 90.4 135.6

77 53.0 40.6 60.8

79 49.6 39.7 59.5



#18

Hexachloroethane

Concen: 50.173 ng

RT: 8.981 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

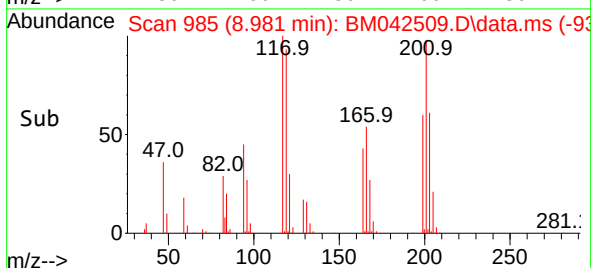
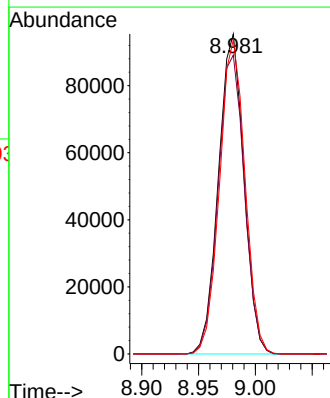
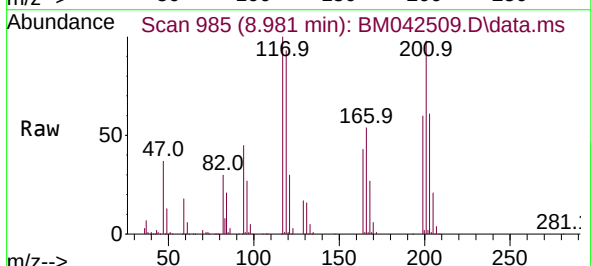
Tgt Ion:117 Resp: 148599

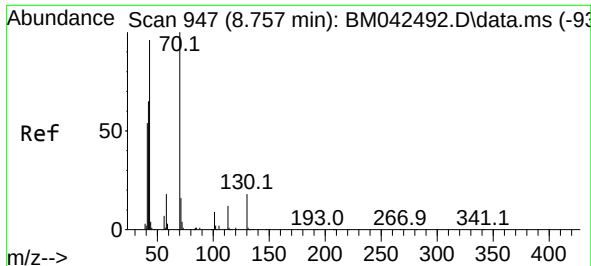
Ion Ratio Lower Upper

117 100

119 93.4 77.9 116.9

201 98.2 73.7 110.5



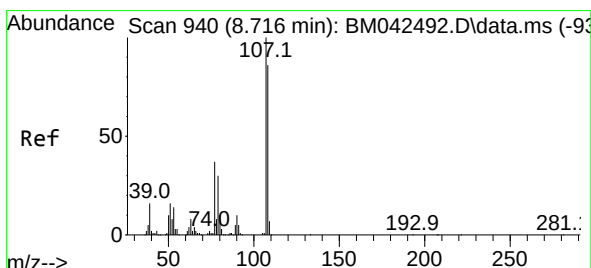
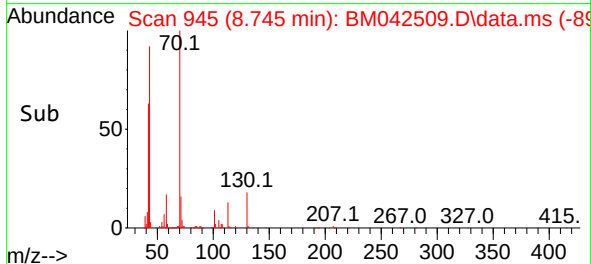
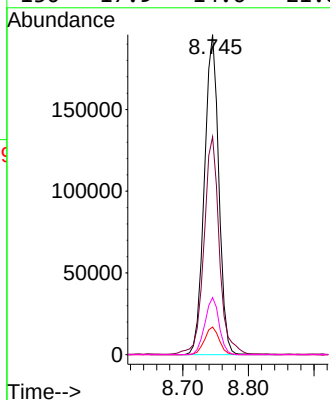
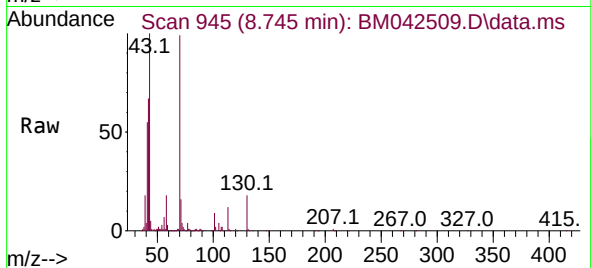


#19
n-Nitroso-di-n-propylamine
Concen: 48.146 ng
RT: 8.745 min Scan# 947
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Instrument :
BNA_M
ClientSampleId :
PB156527BS

Tgt Ion: 70 Resp: 299787

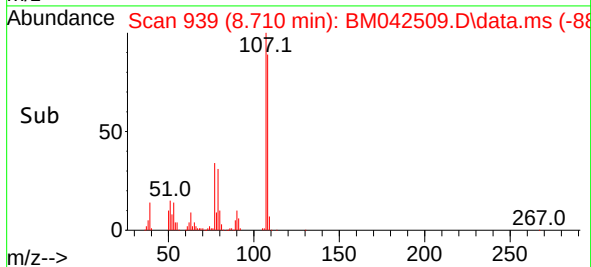
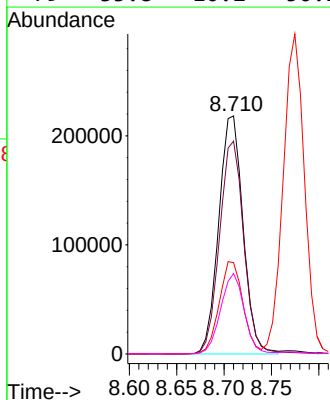
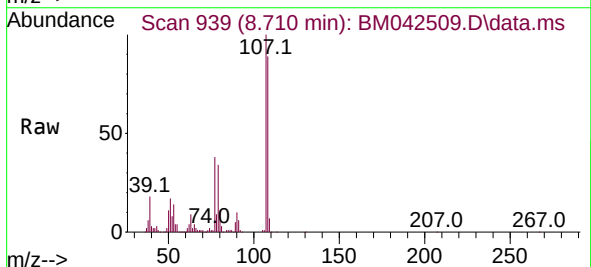
Ion	Ratio	Lower	Upper
70	100		
42	68.1	52.5	78.7
101	8.7	7.0	10.4
130	17.9	14.6	21.8

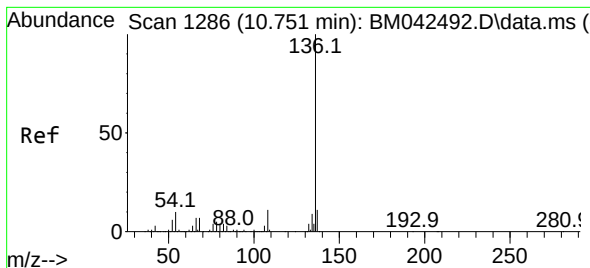


#20
3+4-Methylphenols
Concen: 46.152 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 107 Resp: 390564

Ion	Ratio	Lower	Upper
107	100		
108	89.4	66.4	106.4
77	38.4	17.6	57.6
79	33.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.739 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

Tgt Ion:136 Resp: 412459

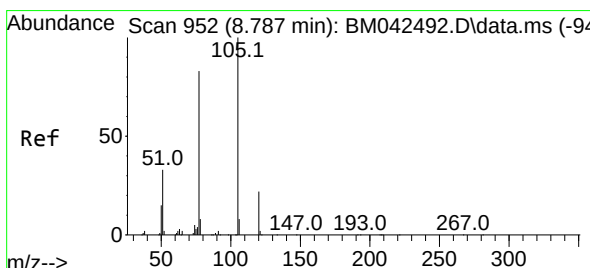
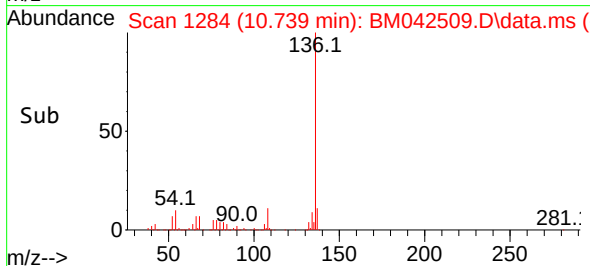
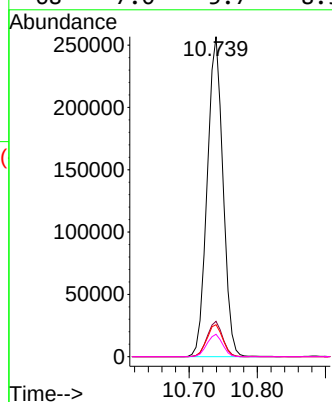
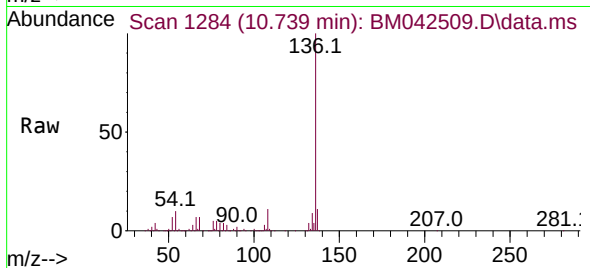
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.0 8.0 12.0

68 7.0 5.7 8.5



#22

Acetophenone

Concen: 51.350 ng

RT: 8.775 min Scan# 950

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Tgt Ion:105 Resp: 534165

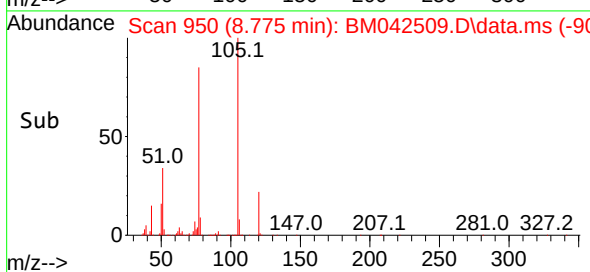
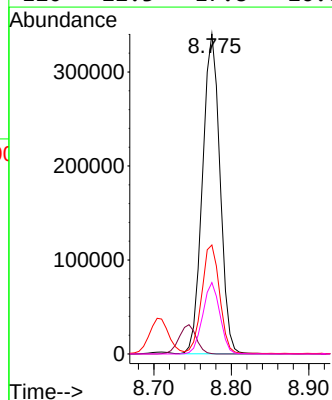
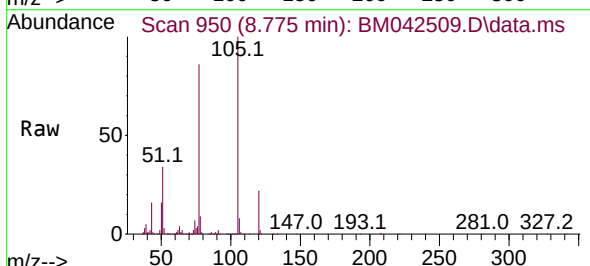
Ion Ratio Lower Upper

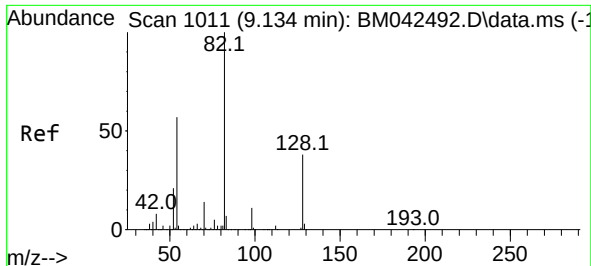
105 100

71 0.1 0.2 0.2#

51 34.1 27.6 41.4

120 22.3 17.8 26.6

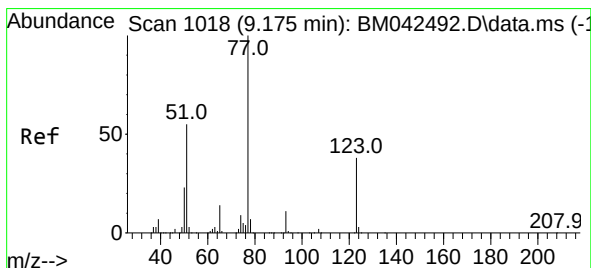
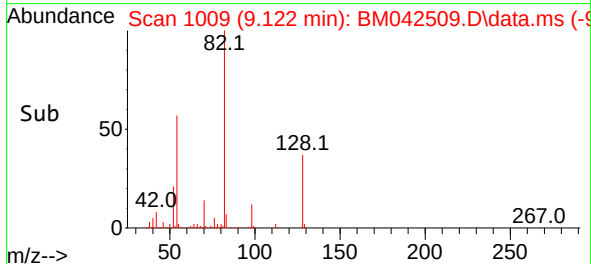
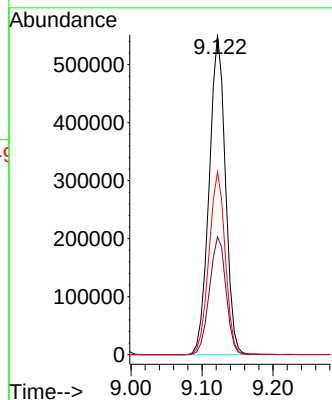
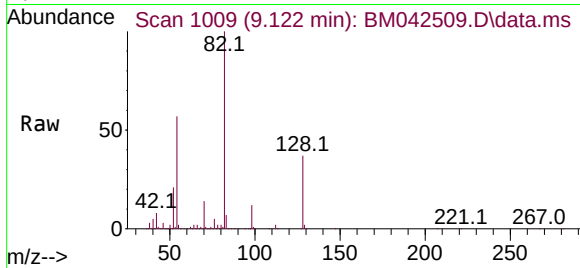




#23
Nitrobenzene-d5
Concen: 98.994 ng
RT: 9.122 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

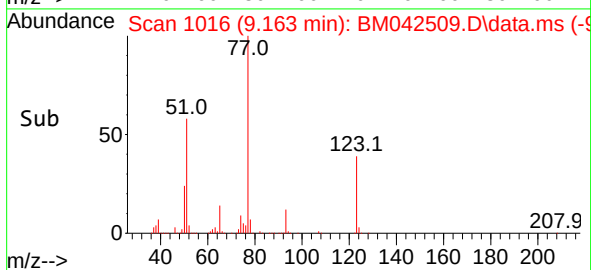
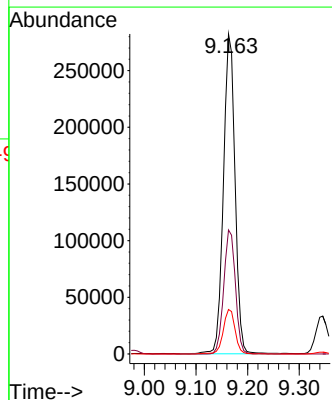
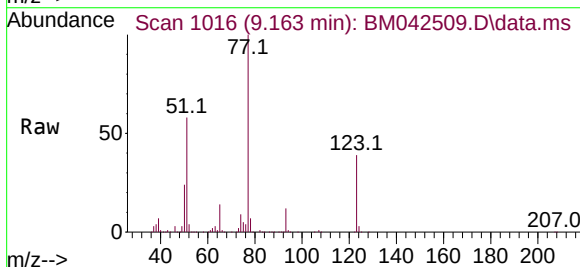
Instrument :
BNA_M
ClientSampleId :
PB156527BS

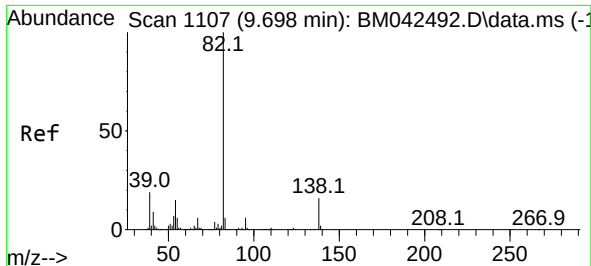
Tgt Ion: 82 Resp: 875895
Ion Ratio Lower Upper
82 100
128 36.8 30.7 46.1
54 57.1 45.3 67.9



#24
Nitrobenzene
Concen: 50.467 ng
RT: 9.163 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 77 Resp: 439812
Ion Ratio Lower Upper
77 100
123 38.7 30.6 46.0
65 13.9 10.8 16.2

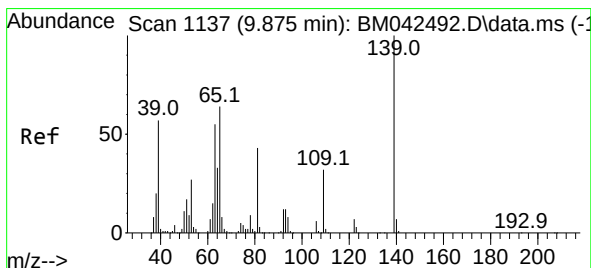
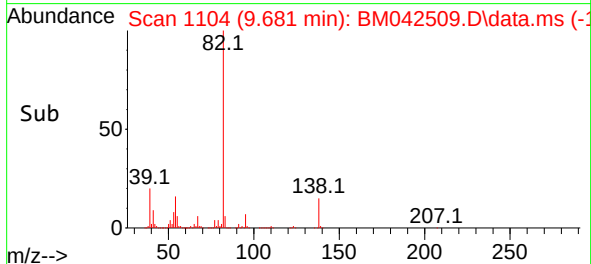
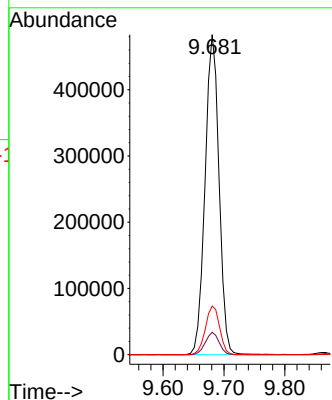
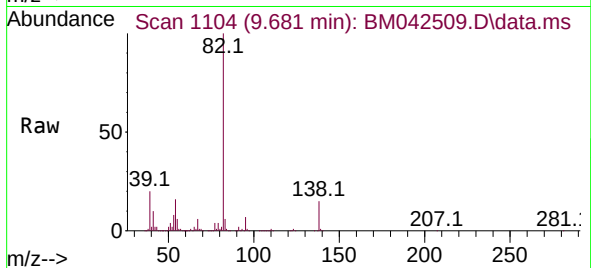




#25
Isophorone
Concen: 49.093 ng
RT: 9.681 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

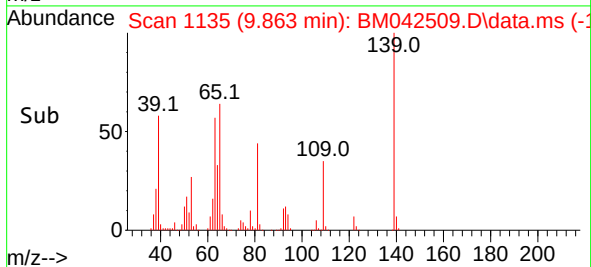
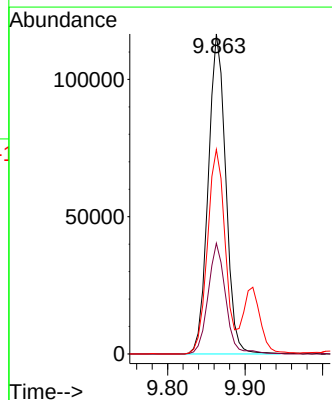
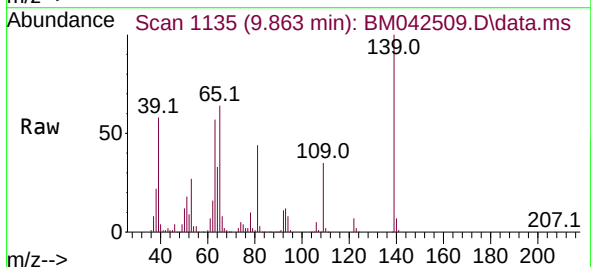
Instrument :
BNA_M
ClientSampleId :
PB156527BS

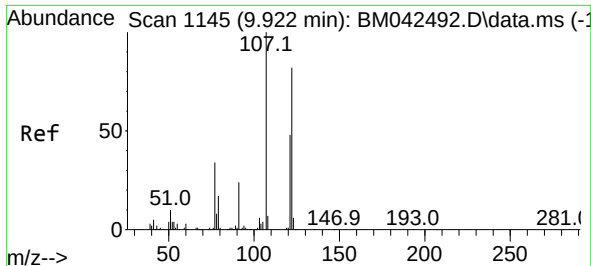
Tgt Ion: 82 Resp: 768825
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 15.2 12.6 18.8



#26
2-Nitrophenol
Concen: 49.453 ng
RT: 9.863 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 139 Resp: 183694
Ion Ratio Lower Upper
139 100
109 34.6 25.2 37.8
65 63.9 51.4 77.0

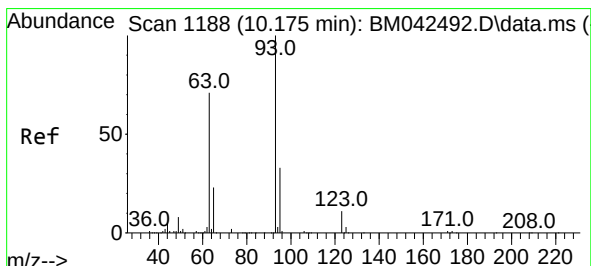
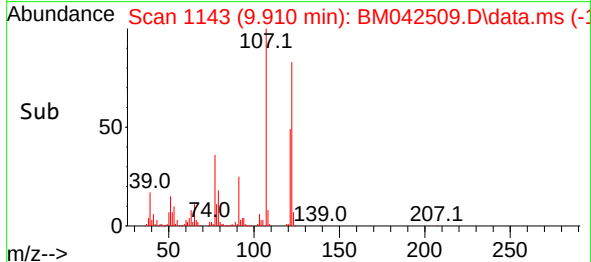
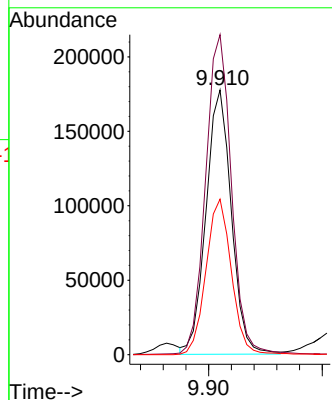
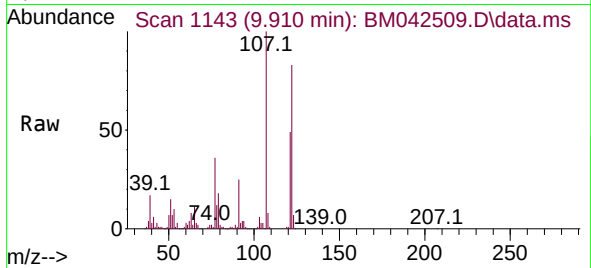




#27
2,4-Dimethylphenol
Concen: 45.956 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

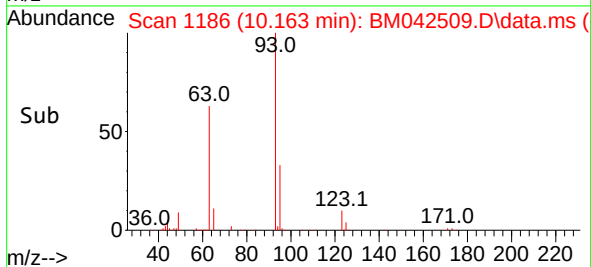
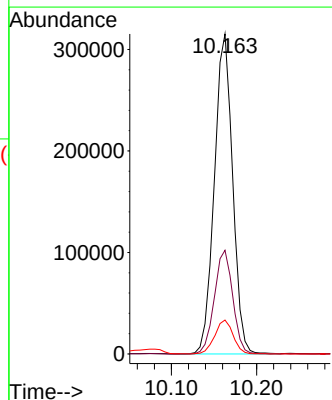
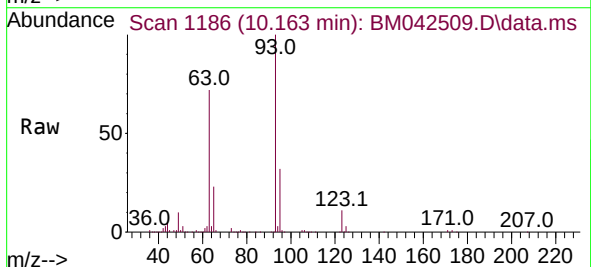
Instrument :
BNA_M
ClientSampleId :
PB156527BS

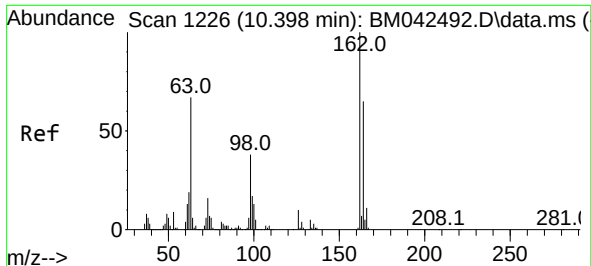
Tgt Ion:122 Resp: 275329
Ion Ratio Lower Upper
122 100
107 120.9 95.4 143.2
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.909 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 93 Resp: 470881
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.102 ng

RT: 10.386 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

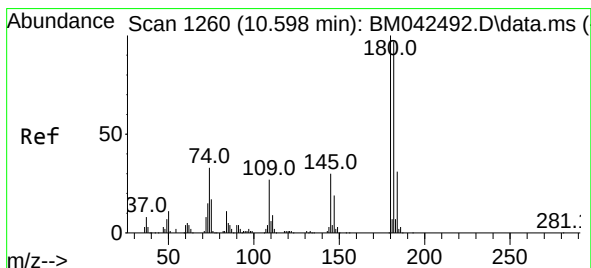
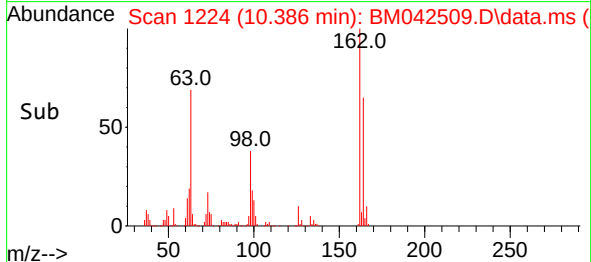
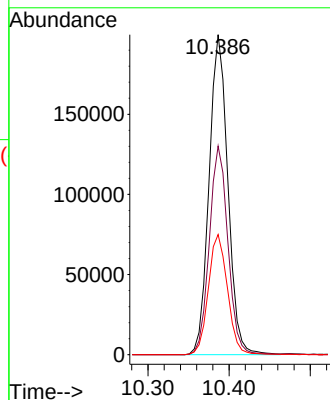
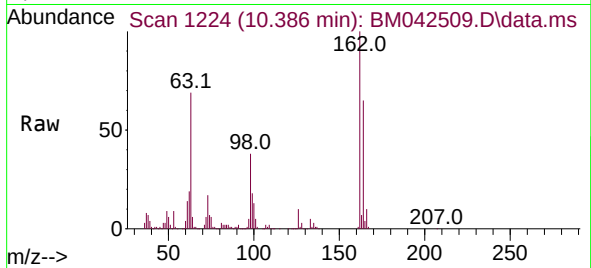
Tgt Ion:162 Resp: 320717

Ion Ratio Lower Upper

162 100

164 65.2 44.9 84.9

98 37.5 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 53.359 ng

RT: 10.586 min Scan# 1258

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

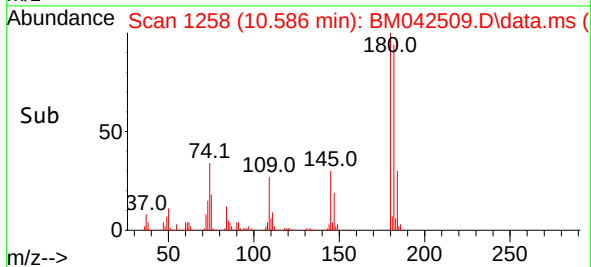
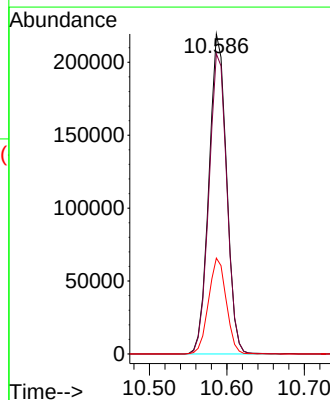
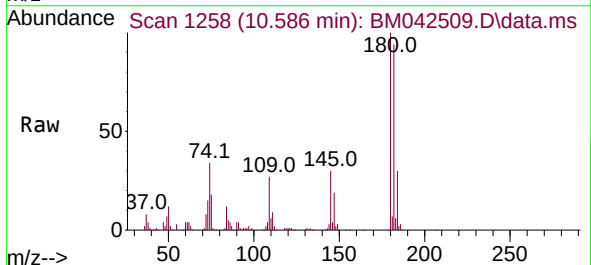
Tgt Ion:180 Resp: 346650

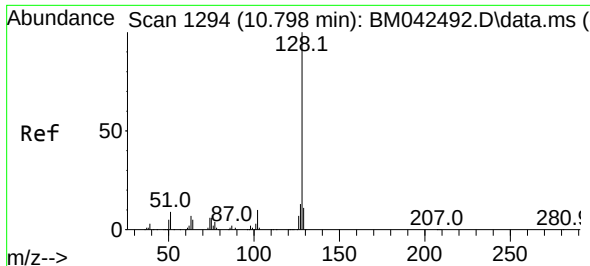
Ion Ratio Lower Upper

180 100

182 93.8 77.8 116.8

145 29.9 24.4 36.6

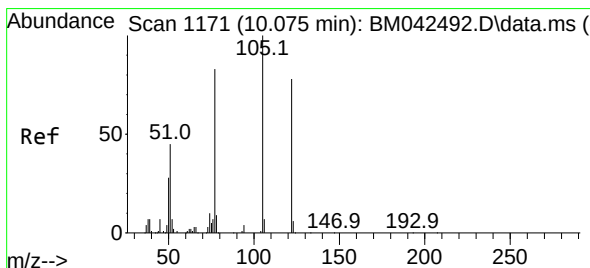
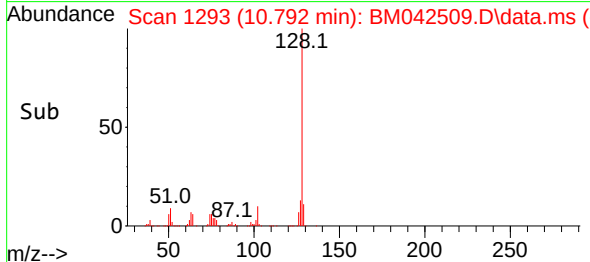
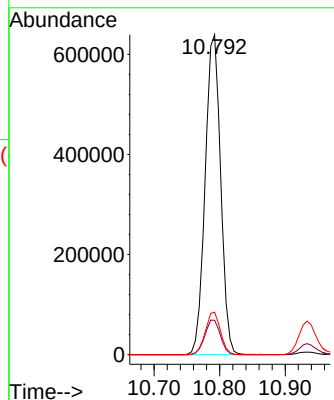
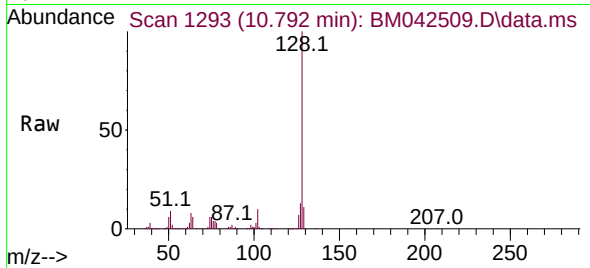




#31
Naphthalene
Concen: 49.385 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

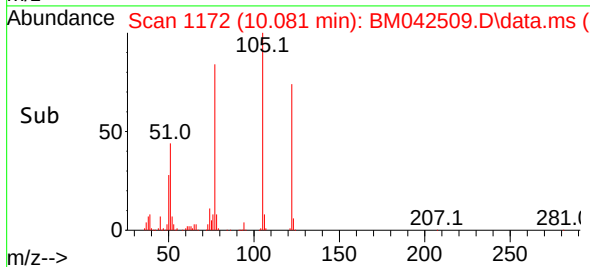
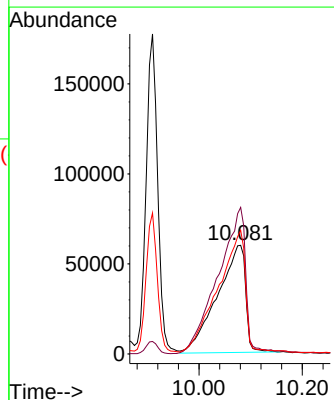
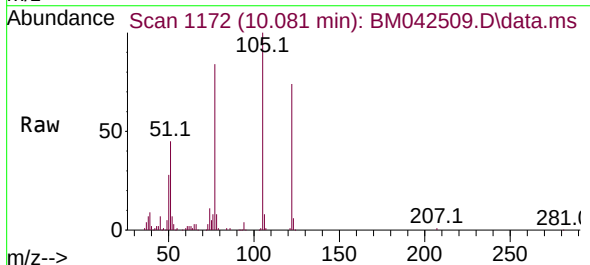
Instrument :
BNA_M
ClientSampleId :
PB156527BS

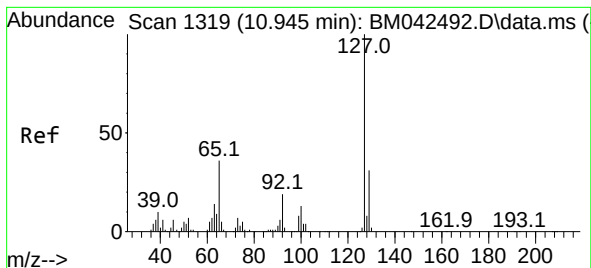
Tgt Ion:128 Resp: 1052385
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 46.375 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:122 Resp: 225234
Ion Ratio Lower Upper
122 100
105 134.8 105.2 145.2
77 113.8 84.8 124.8

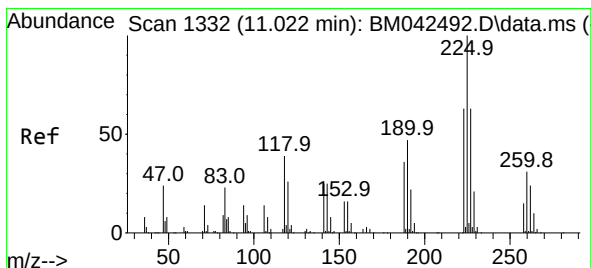
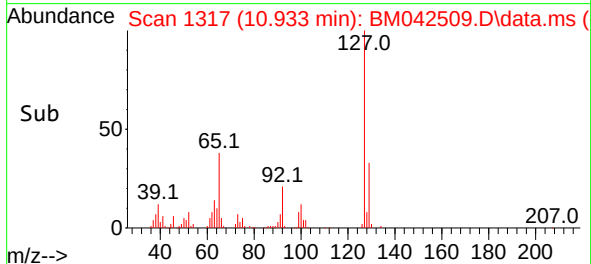
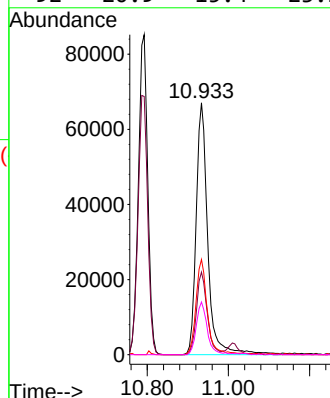
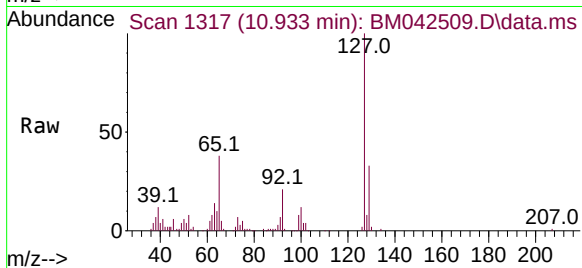




#33
4-Chloroaniline
Concen: 16.142 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

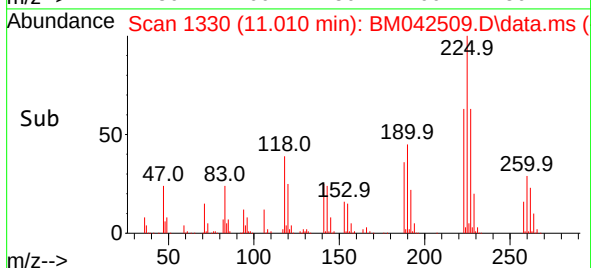
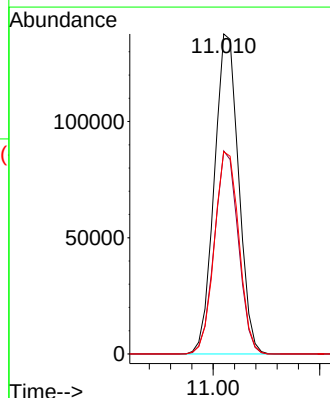
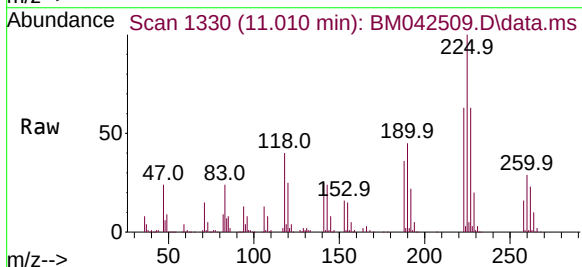
Instrument :
BNA_M
ClientSampleId :
PB156527BS

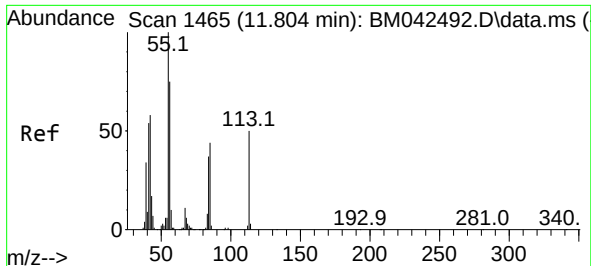
Tgt Ion:127	Resp: 134129
Ion Ratio	Lower Upper
127 100	
129 32.8	25.0 37.4
65 37.8	29.0 43.4
92 20.9	15.4 23.2



#34
Hexachlorobutadiene
Concen: 55.133 ng
RT: 11.010 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:225	Resp: 217463
Ion Ratio	Lower Upper
225 100	
223 63.4	50.0 75.0
227 63.2	50.6 75.8

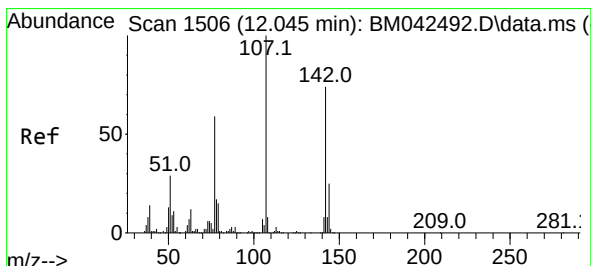
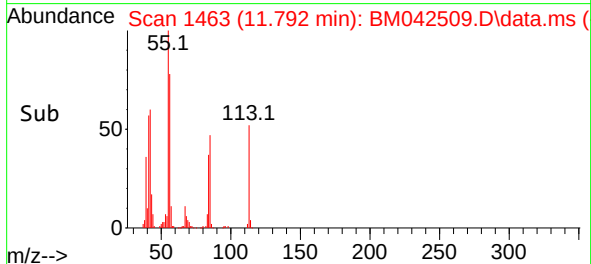
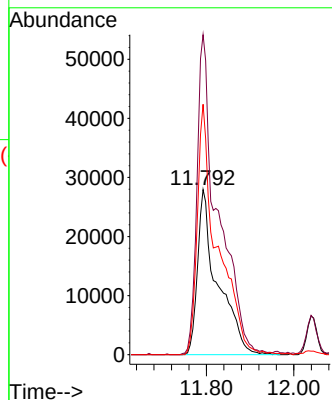
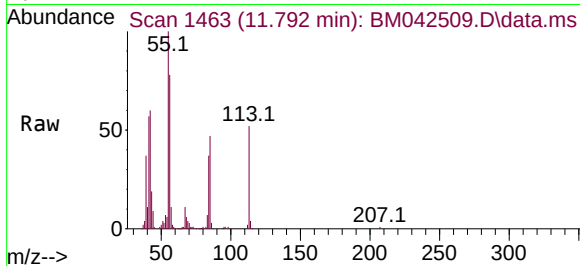




#35
Caprolactam
Concen: 42.824 ng
RT: 11.792 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

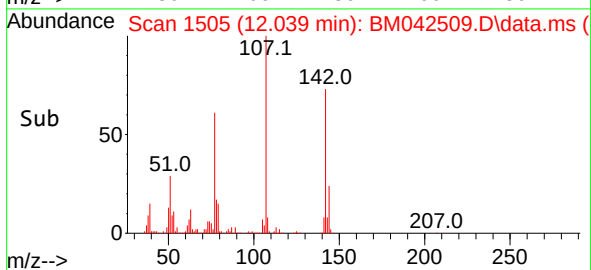
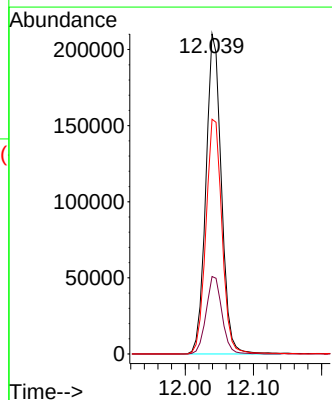
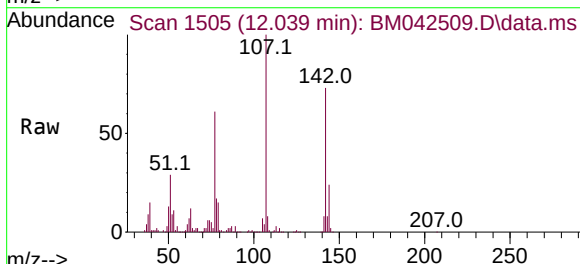
Instrument :
BNA_M
ClientSampleId :
PB156527BS

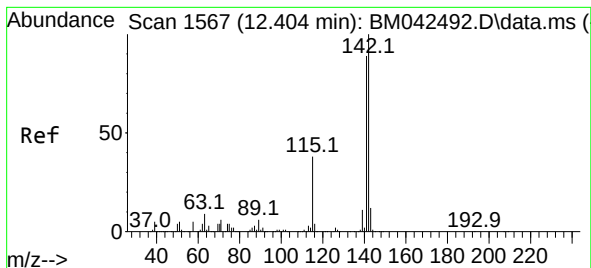
Tgt Ion:113 Resp: 89193
Ion Ratio Lower Upper
113 100
55 193.8 180.9 220.9
56 151.7 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 49.163 ng
RT: 12.039 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:107 Resp: 331670
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 73.4 59.5 89.3





#37

2-Methylnaphthalene

Concen: 46.204 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

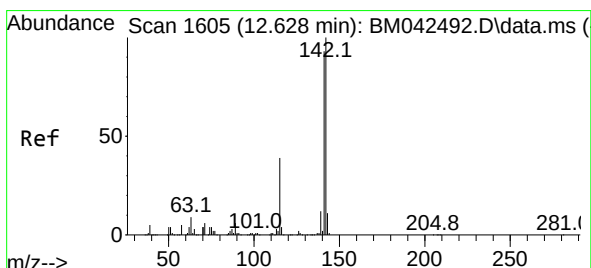
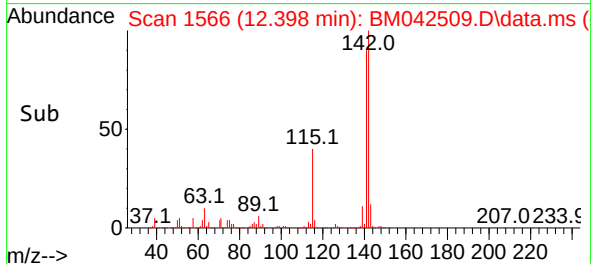
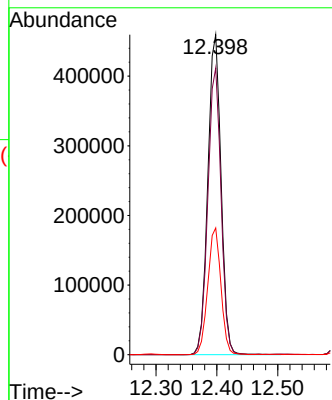
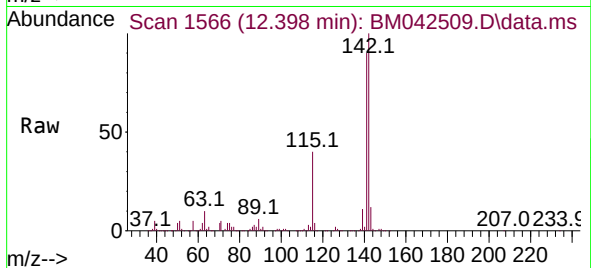
Tgt Ion:142 Resp: 693414

Ion Ratio Lower Upper

142 100

141 89.6 70.9 106.3

115 39.6 30.2 45.2



#38

1-Methylnaphthalene

Concen: 47.841 ng

RT: 12.616 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

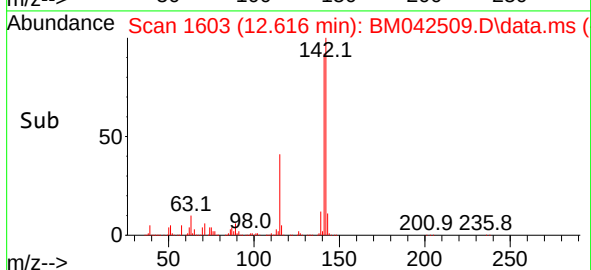
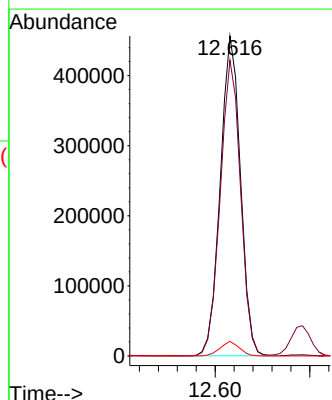
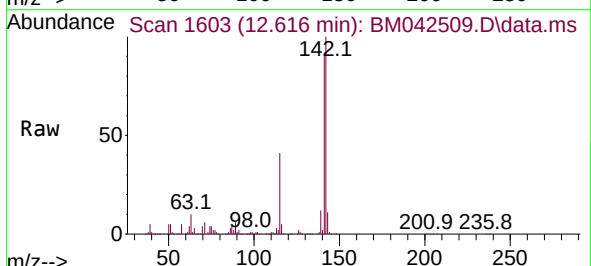
Tgt Ion:142 Resp: 675807

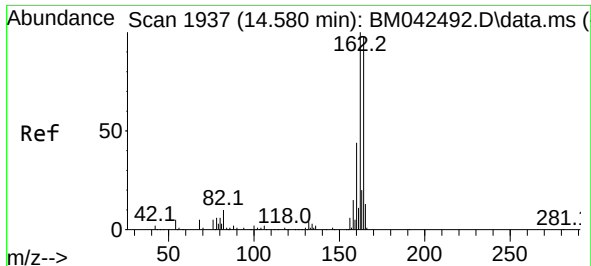
Ion Ratio Lower Upper

142 100

141 92.4 74.4 111.6

116 4.5 3.2 4.8

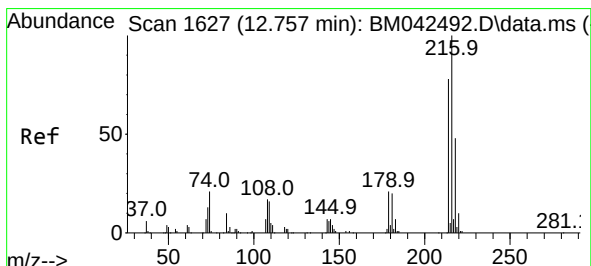
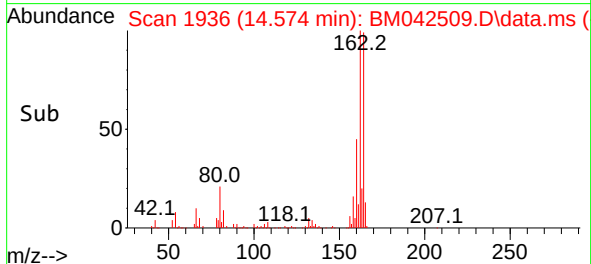
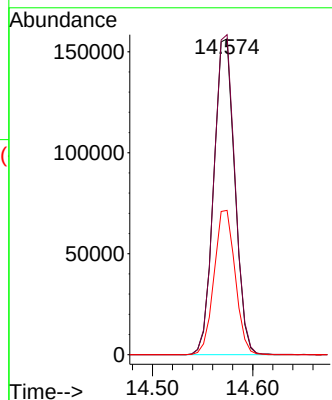
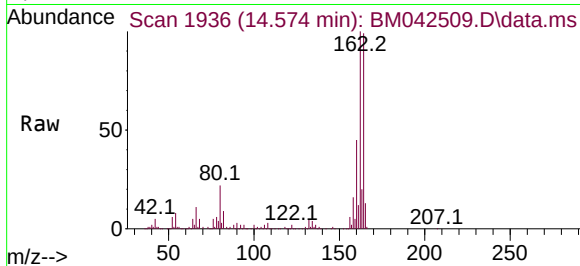




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

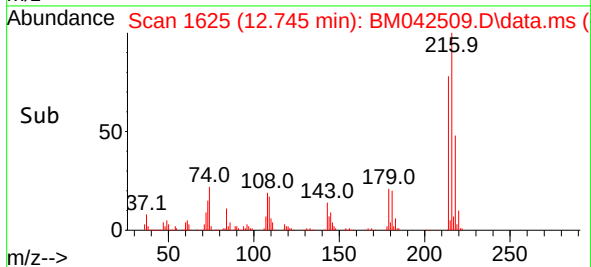
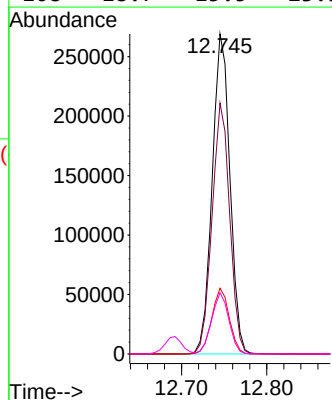
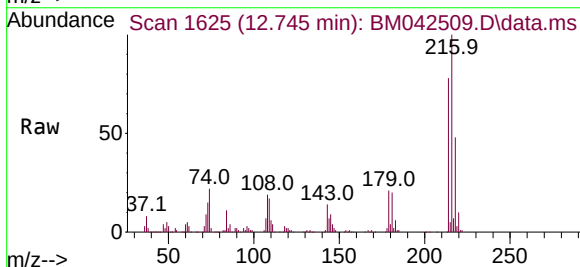
Instrument :
BNA_M
ClientSampleId :
PB156527BS

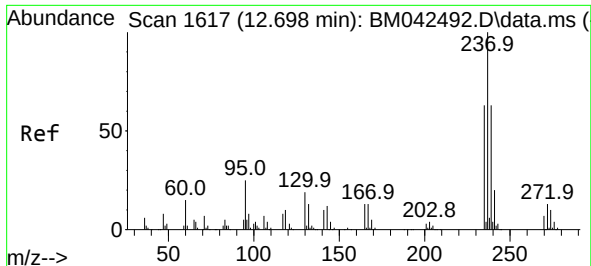
Tgt Ion:164 Resp: 227322
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 45.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.278 ng
RT: 12.745 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:216 Resp: 388986
Ion Ratio Lower Upper
216 100
214 78.2 62.5 93.7
179 20.3 16.7 25.1
108 18.7 15.5 23.3

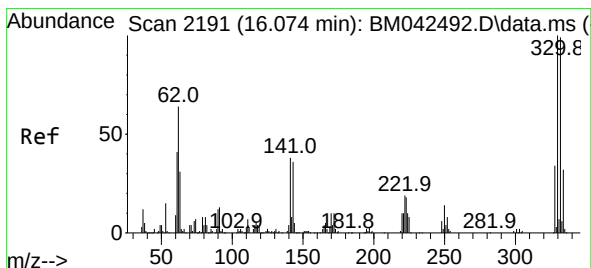
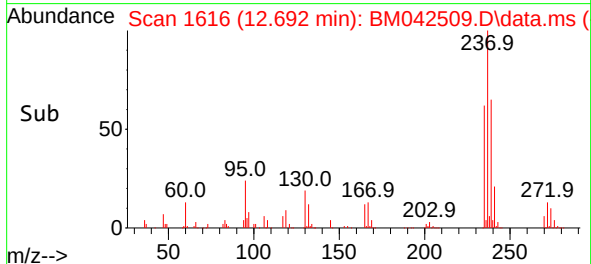
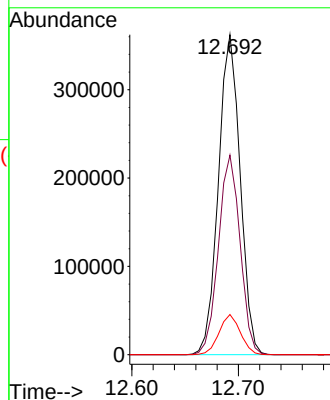
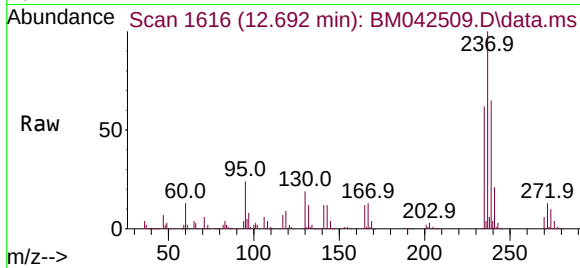




#41
Hexachlorocyclopentadiene
Concen: 122.573 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

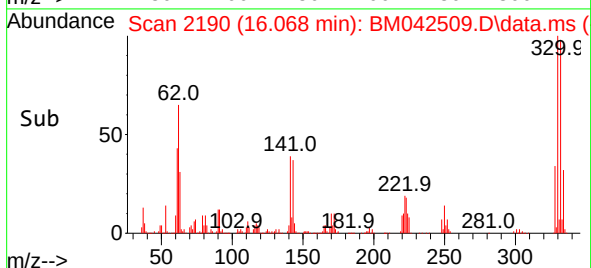
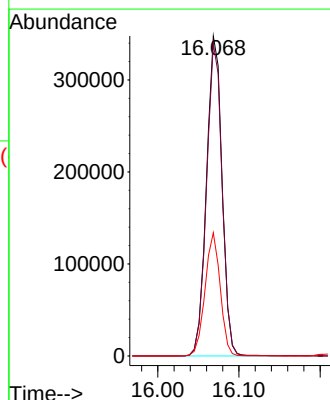
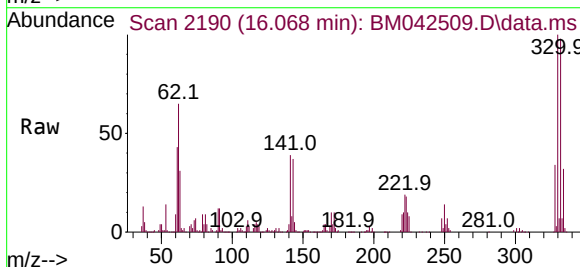
Instrument :
BNA_M
ClientSampleId :
PB156527BS

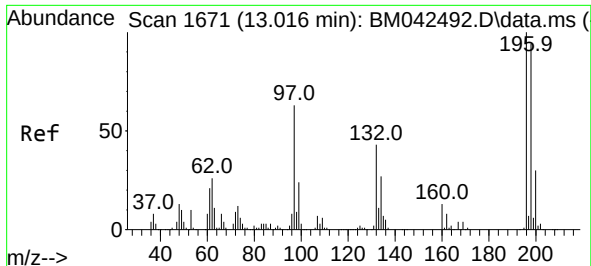
Tgt Ion:237 Resp: 513327
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 155.253 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:330 Resp: 460774
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 37.6 31.1 46.7

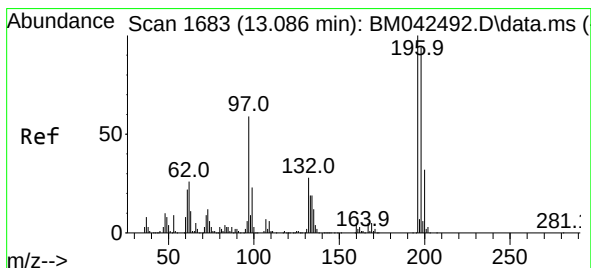
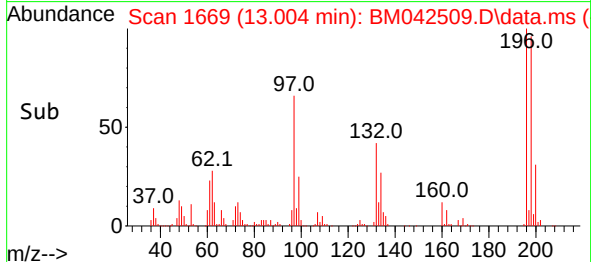
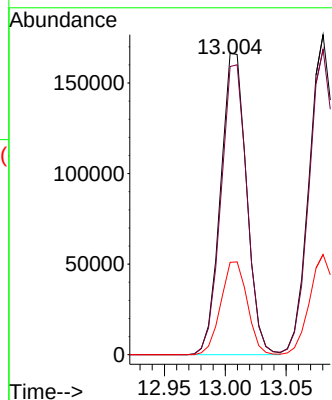
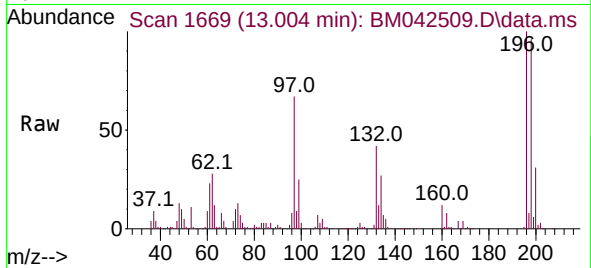




#43
2,4,6-Trichlorophenol
Concen: 56.939 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

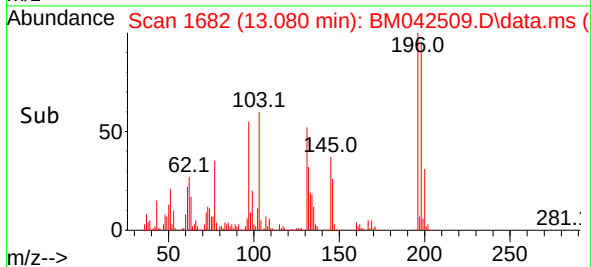
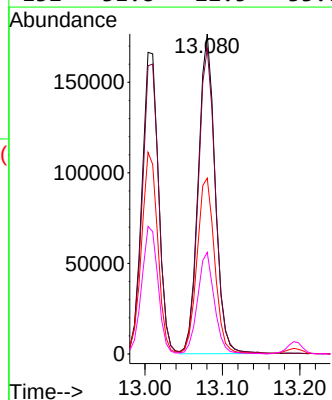
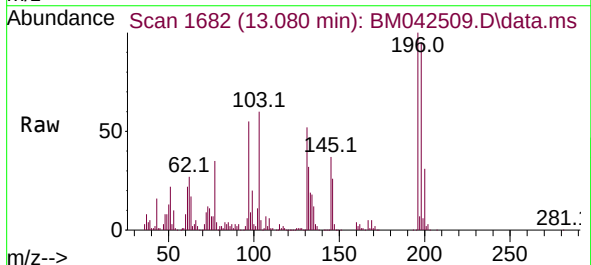
Instrument :
BNA_M
ClientSampleId :
PB156527BS

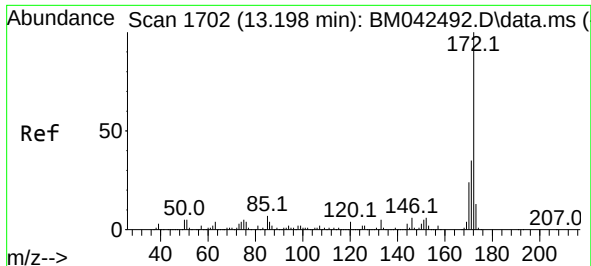
Tgt Ion:196 Resp: 247670
Ion Ratio Lower Upper
196 100
198 95.5 75.2 112.8
200 30.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 51.851 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:196 Resp: 268389
Ion Ratio Lower Upper
196 100
198 95.4 75.1 112.7
97 54.9 47.4 71.0
132 31.8 22.5 33.7

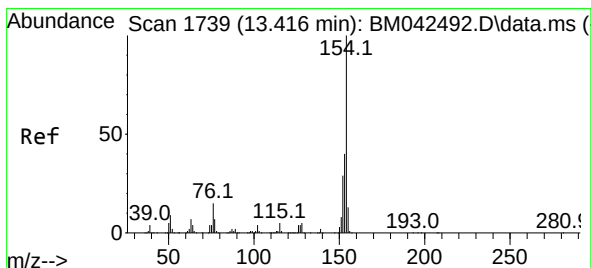
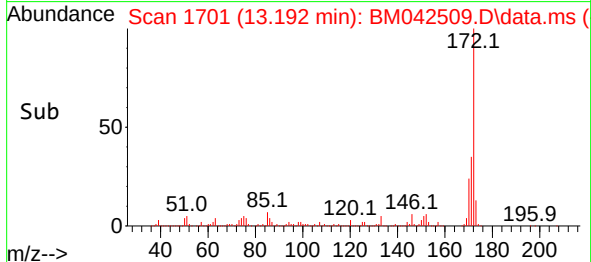
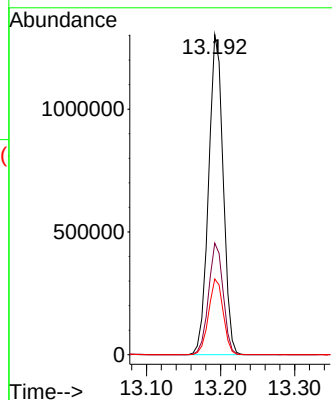
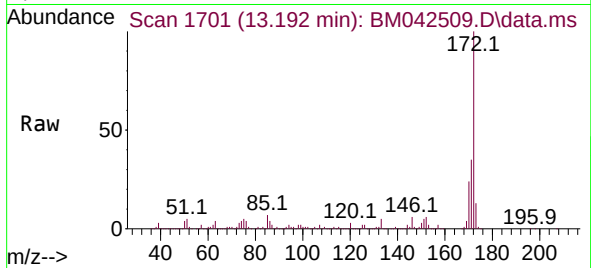




#45
2-Fluorobiphenyl
Concen: 105.308 ng
RT: 13.192 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

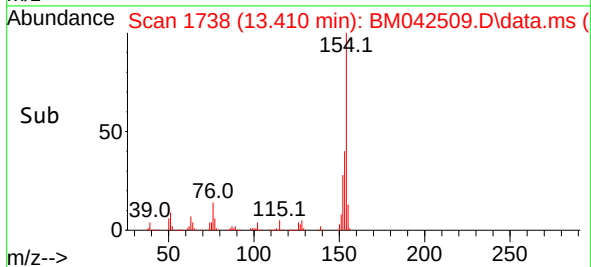
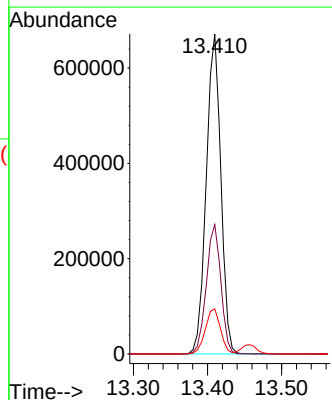
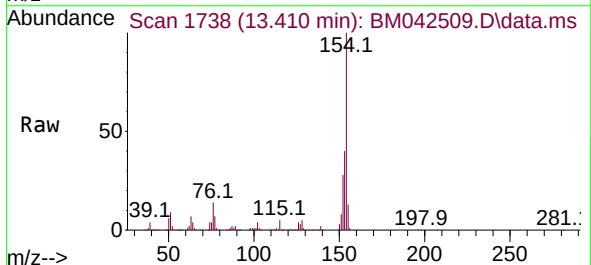
Instrument :
BNA_M
ClientSampleId :
PB156527BS

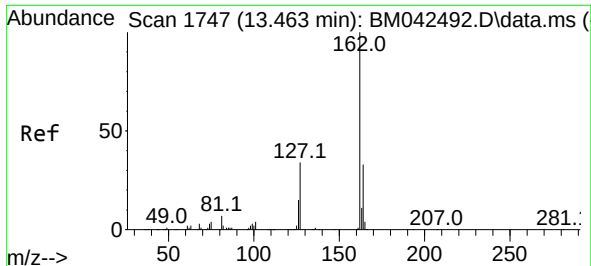
Tgt Ion:172 Resp: 1779040
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.932 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:154 Resp: 919789
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 14.1 0.0 35.0

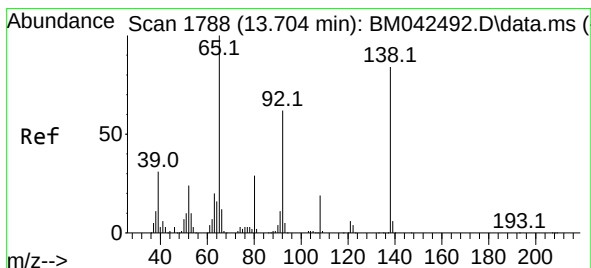
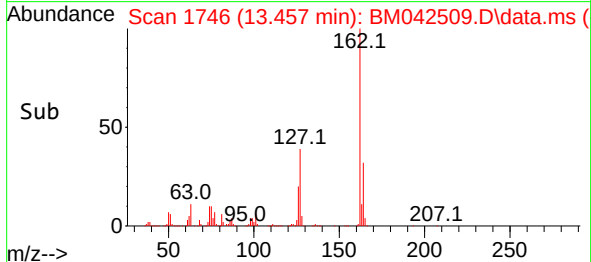
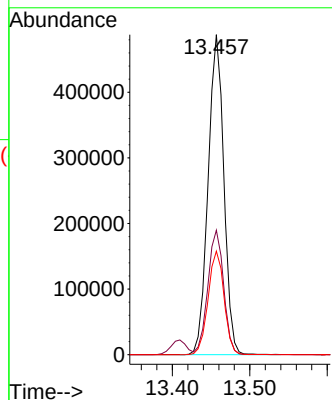
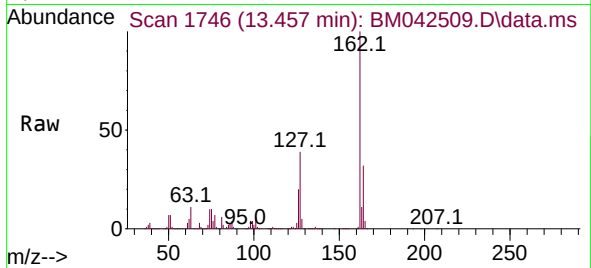




#47
2-Chloronaphthalene
Concen: 54.110 ng
RT: 13.457 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

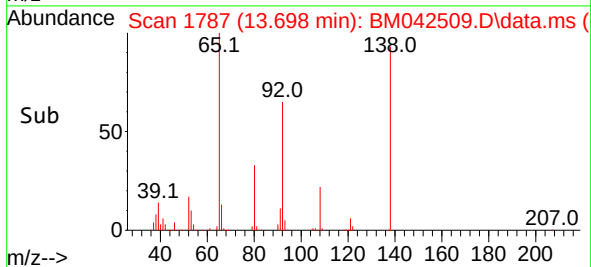
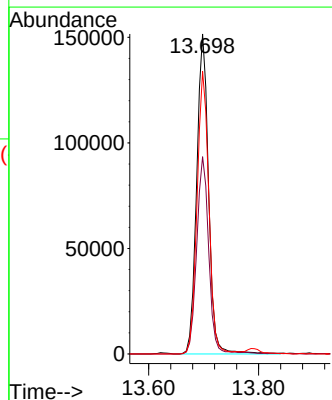
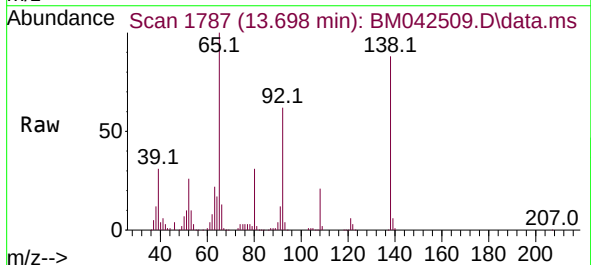
Instrument :
BNA_M
ClientSampleId :
PB156527BS

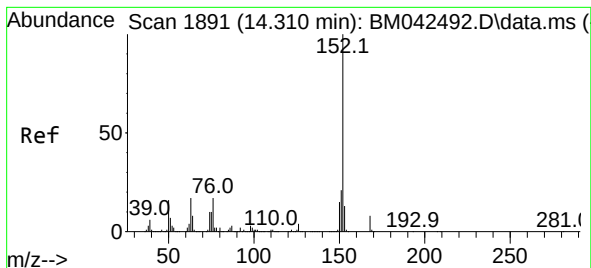
Tgt Ion:162 Resp: 689783
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.3 26.2 39.4



#48
2-Nitroaniline
Concen: 44.736 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion: 65 Resp: 228346
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.2
138 88.3 66.9 100.3





#49

Acenaphthylene

Concen: 53.310 ng

RT: 14.304 min Scan# 1890

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

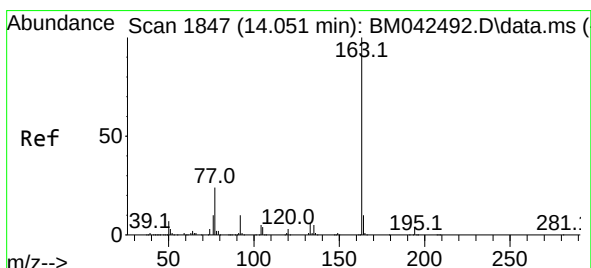
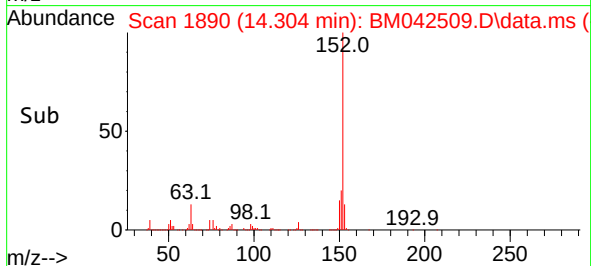
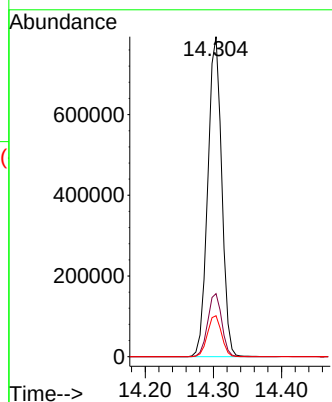
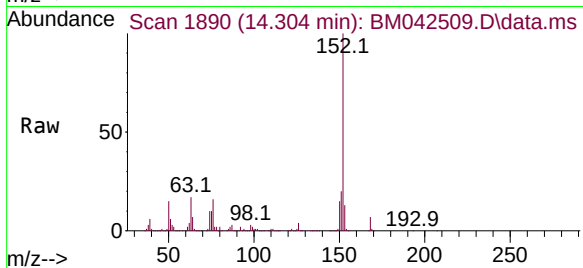
Tgt Ion:152 Resp: 1125504

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 48.741 ng

RT: 14.045 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

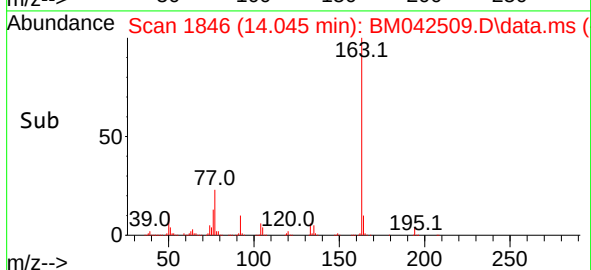
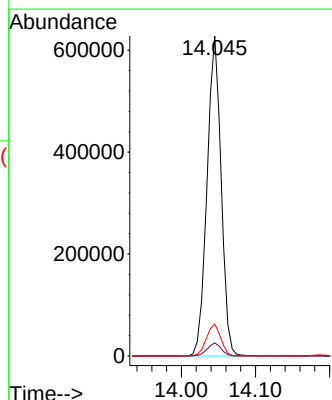
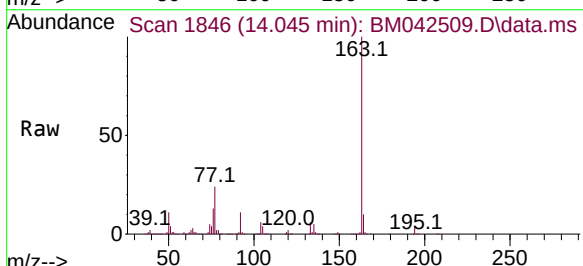
Tgt Ion:163 Resp: 828127

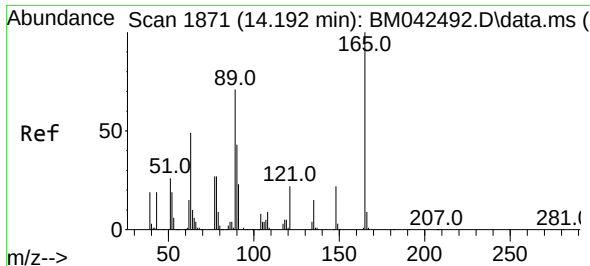
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 7.8 11.8

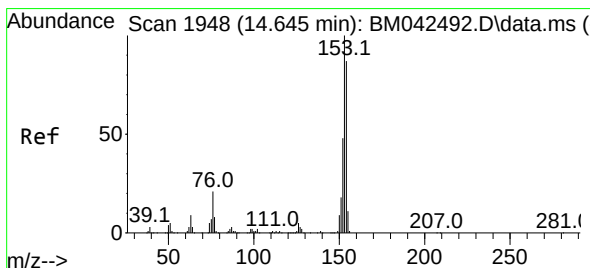
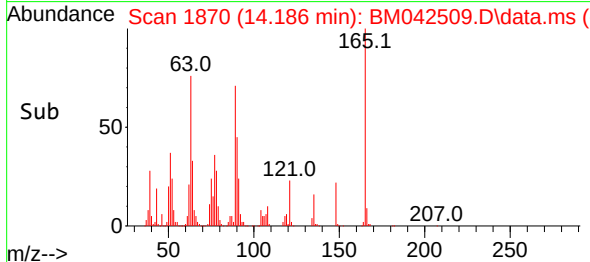
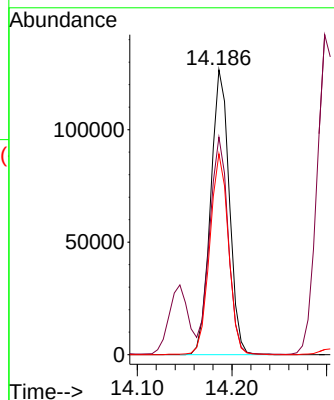
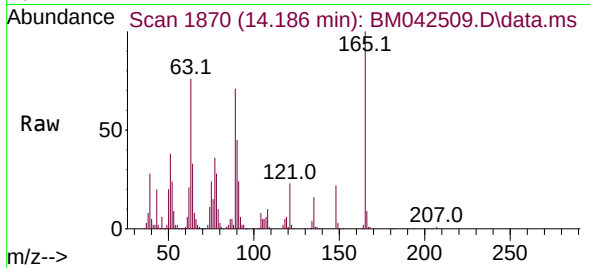




#51
2,6-Dinitrotoluene
Concen: 49.521 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

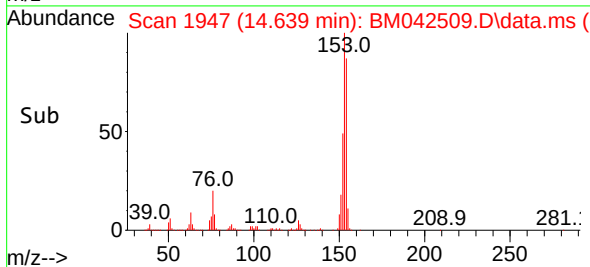
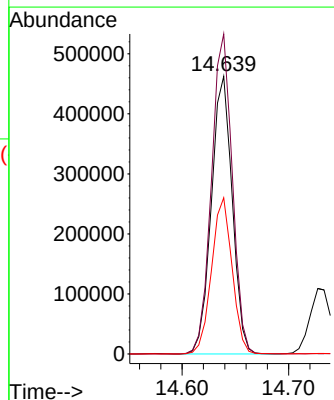
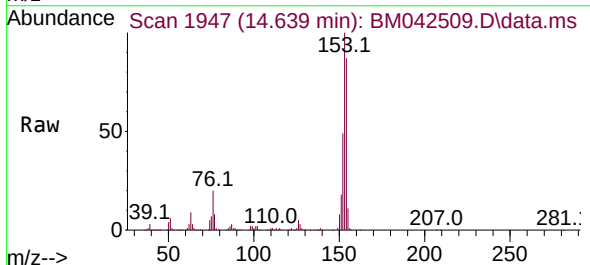
Instrument :
BNA_M
ClientSampleId :
PB156527BS

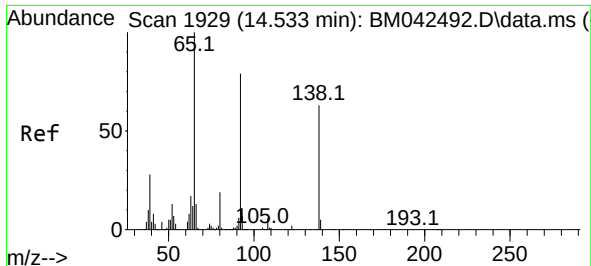
Tgt Ion:165 Resp: 173404
Ion Ratio Lower Upper
165 100
63 76.4 59.4 89.0
89 70.5 57.0 85.6



#52
Acenaphthene
Concen: 49.231 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:154 Resp: 630803
Ion Ratio Lower Upper
154 100
153 115.3 92.0 138.0
152 56.3 44.0 66.0

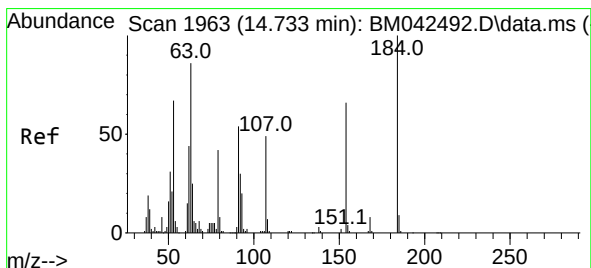
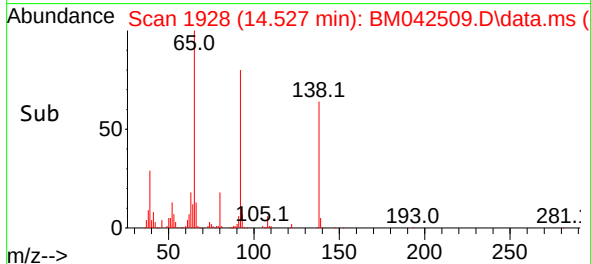
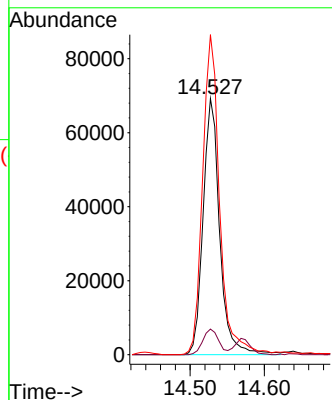
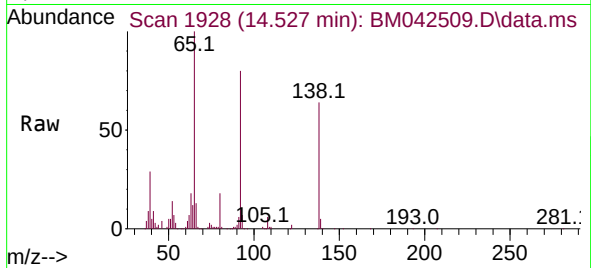




#53
3-Nitroaniline
Concen: 29.332 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

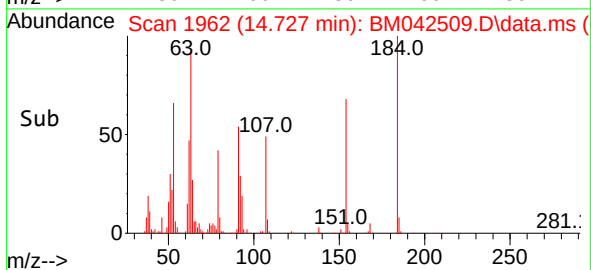
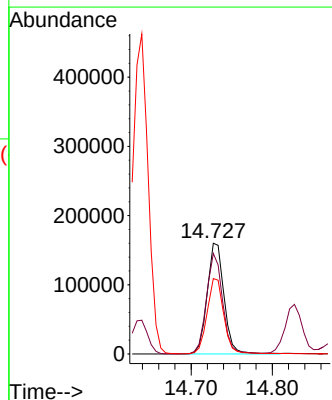
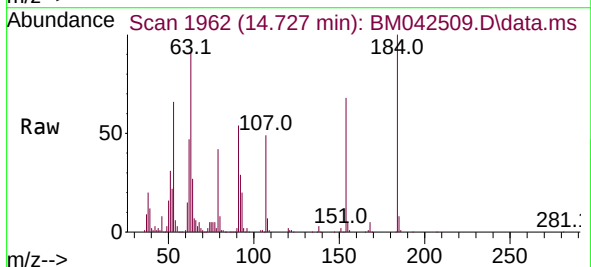
Instrument :
BNA_M
ClientSampleId :
PB156527BS

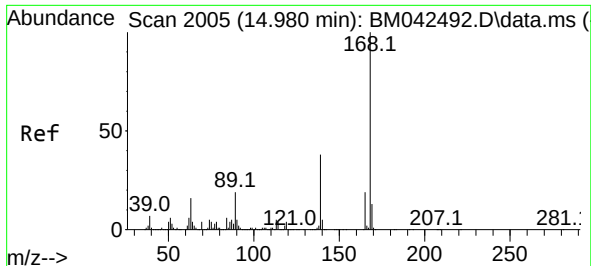
Tgt Ion:138 Resp: 107869
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 124.9 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 91.283 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:184 Resp: 229820
Ion Ratio Lower Upper
184 100
63 90.8 69.2 103.8
154 68.1 53.2 79.8

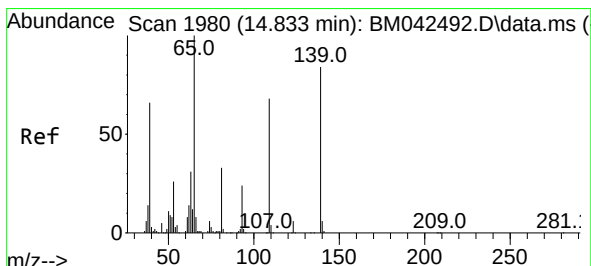
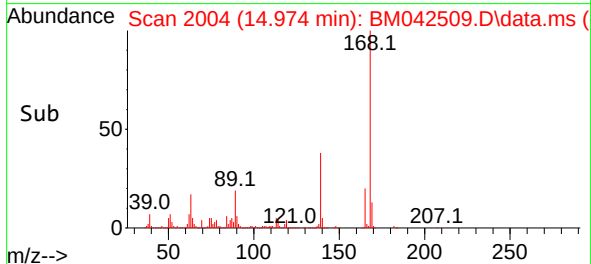
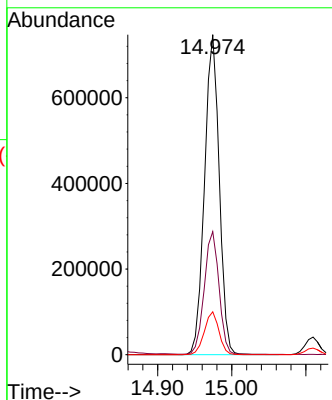
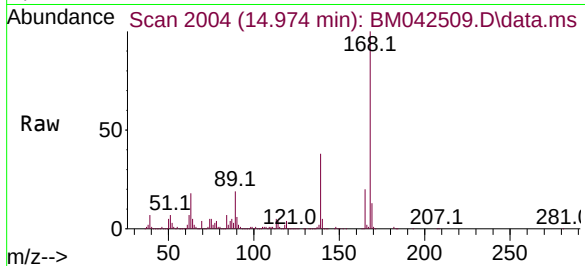




#55
Dibenzenofuran
Concen: 49.487 ng
RT: 14.974 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

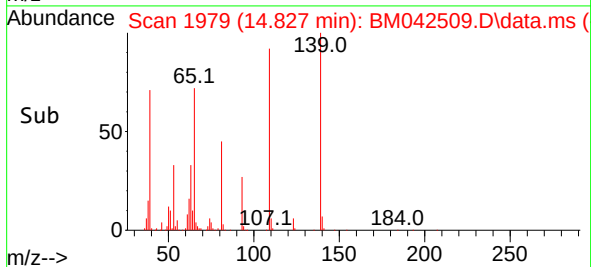
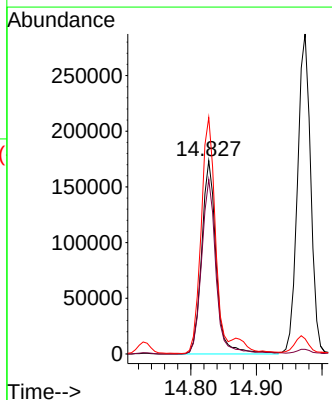
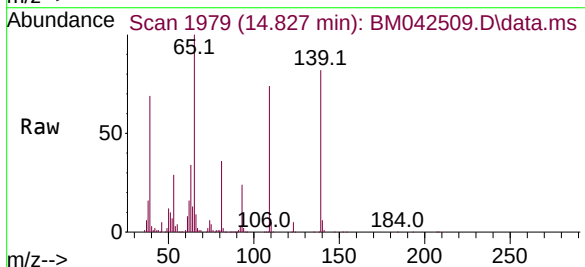
Instrument :
BNA_M
ClientSampleId :
PB156527BS

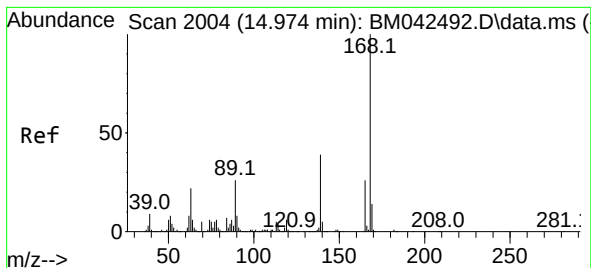
Tgt Ion:168 Resp: 1030941
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 83.968 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:139 Resp: 268381
Ion Ratio Lower Upper
139 100
109 90.3 61.3 101.3
65 122.4 100.2 140.2

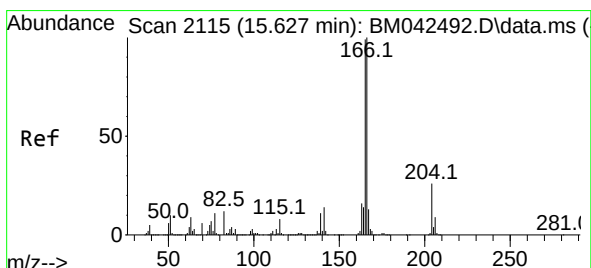
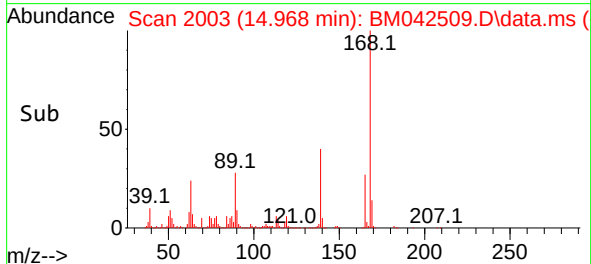
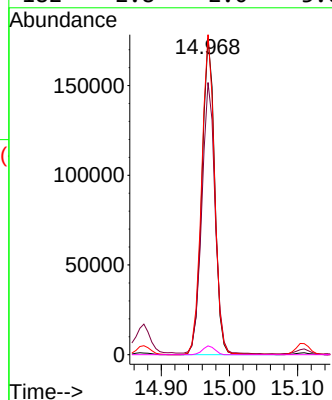
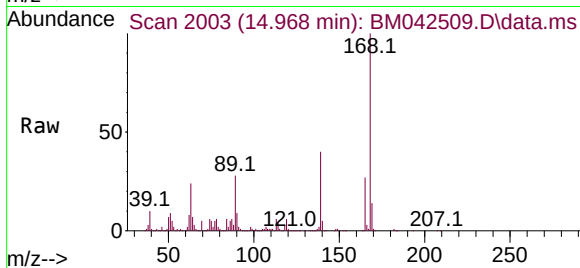




#57
2,4-Dinitrotoluene
Concen: 43.915 ng
RT: 14.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

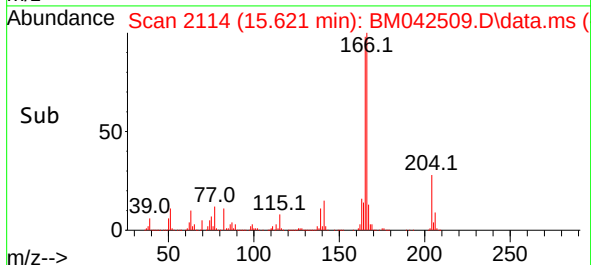
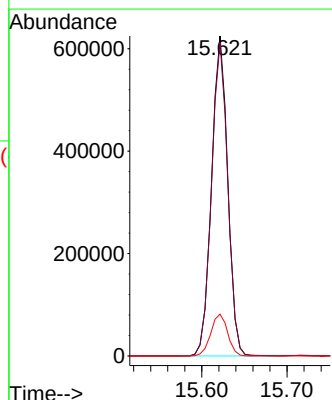
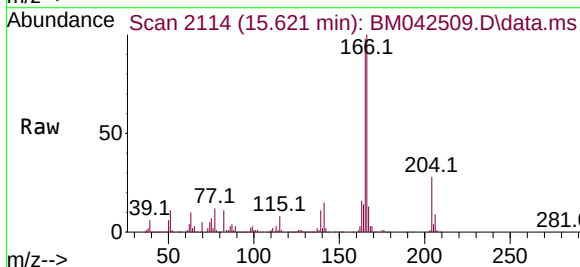
Instrument :
BNA_M
ClientSampleId :
PB156527BS

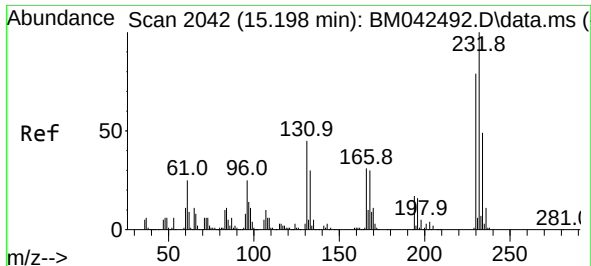
Tgt Ion:165 Resp: 231072
Ion Ratio Lower Upper
165 100
63 86.0 66.7 100.1
89 101.1 80.2 120.4
182 2.8 2.0 3.0



#58
Fluorene
Concen: 48.977 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:166 Resp: 825542
Ion Ratio Lower Upper
166 100
165 97.9 79.3 118.9
167 13.1 10.5 15.7

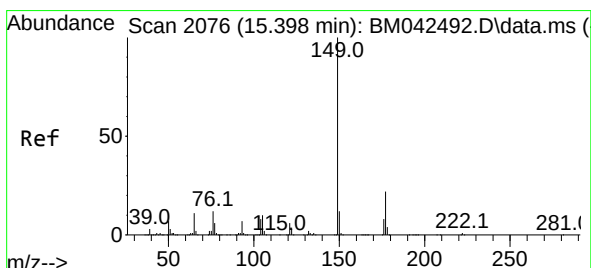
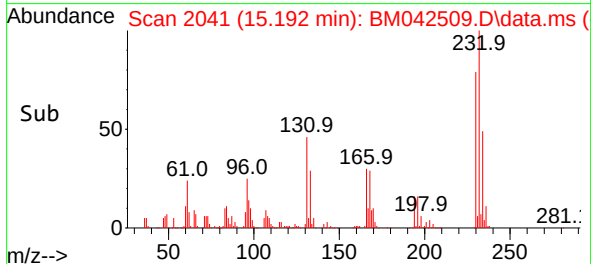
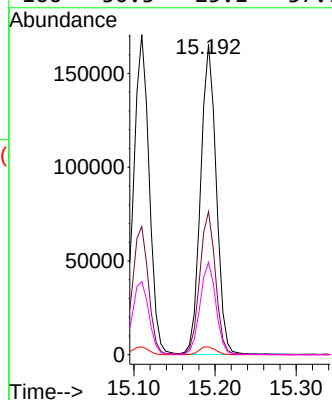
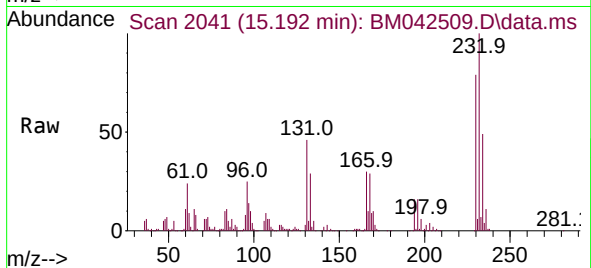




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.896 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

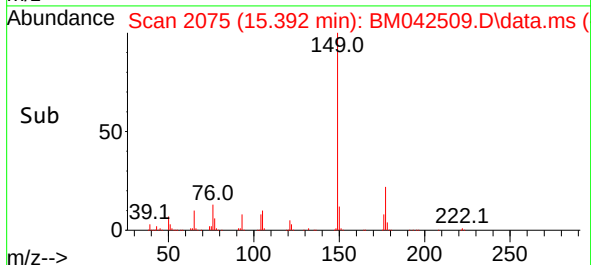
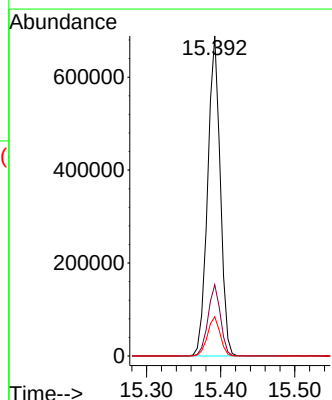
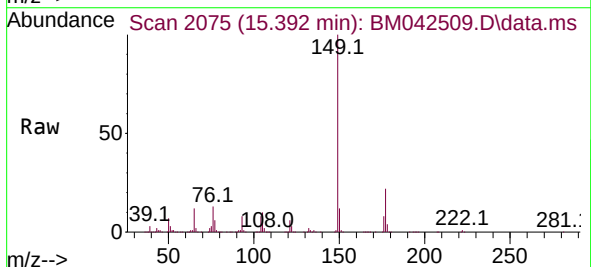
Instrument :
BNA_M
ClientSampleId :
PB156527BS

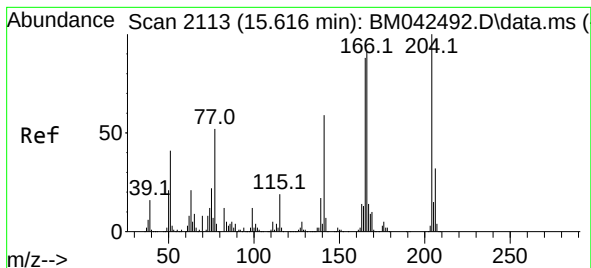
Tgt Ion:232 Resp: 221893
Ion Ratio Lower Upper
232 100
131 46.3 37.2 55.8
130 2.7 2.1 3.1
166 30.3 25.1 37.7



#60
Diethylphthalate
Concen: 47.171 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:149 Resp: 811952
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.2 9.8 14.6

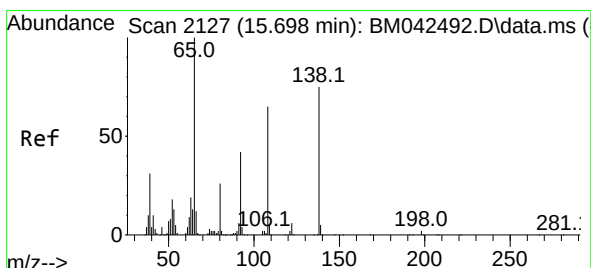
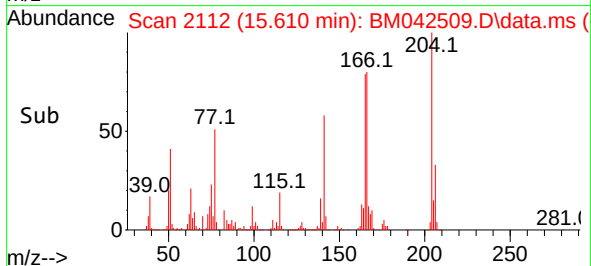
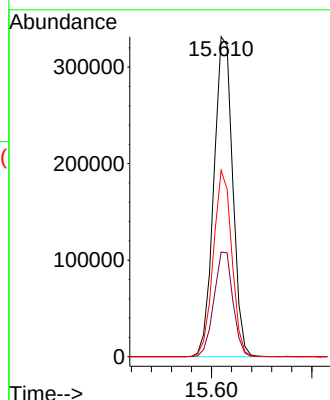
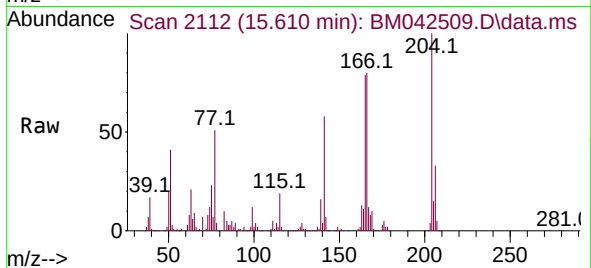




#61
4-Chlorophenyl-phenylether
Concen: 50.805 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

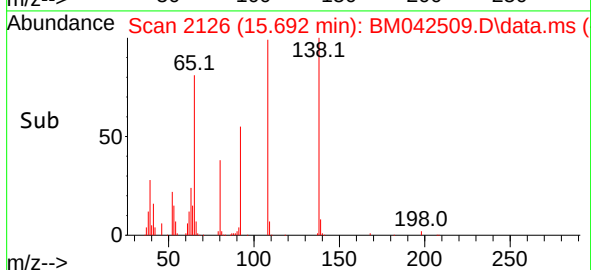
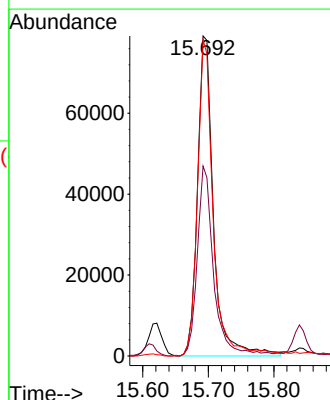
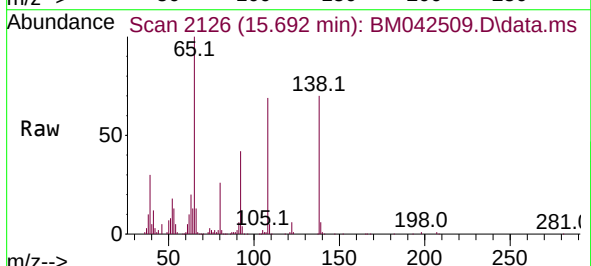
Instrument :
BNA_M
ClientSampleId :
PB156527BS

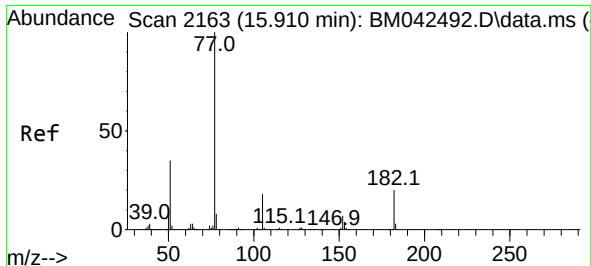
Tgt Ion:204 Resp: 432630
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 58.2 46.8 70.2



#62
4-Nitroaniline
Concen: 39.473 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:138 Resp: 134383
Ion Ratio Lower Upper
138 100
92 59.3 37.0 77.0
108 98.8 67.2 107.2

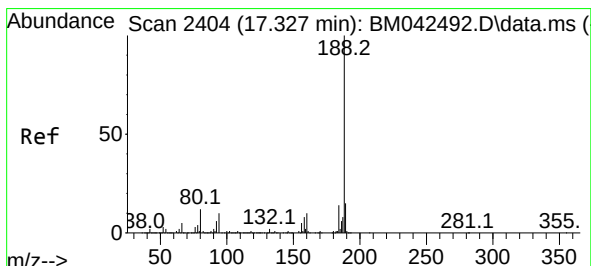
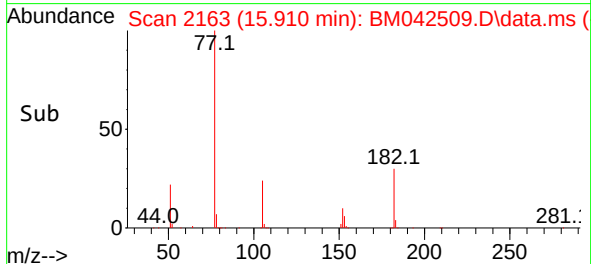
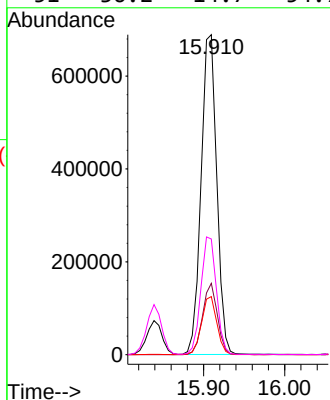
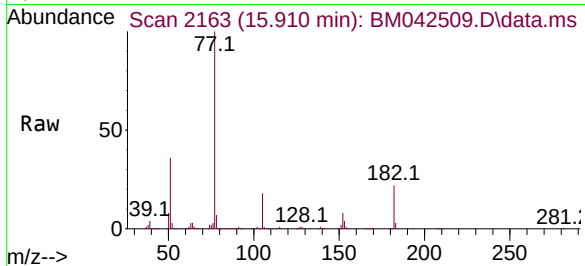




#63
Azobenzene
Concen: 48.743 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

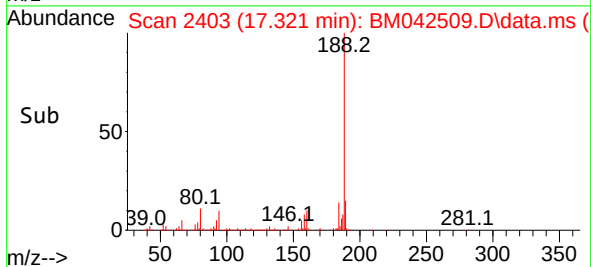
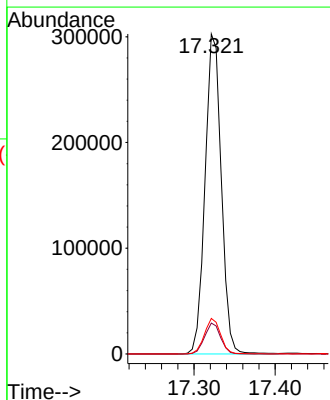
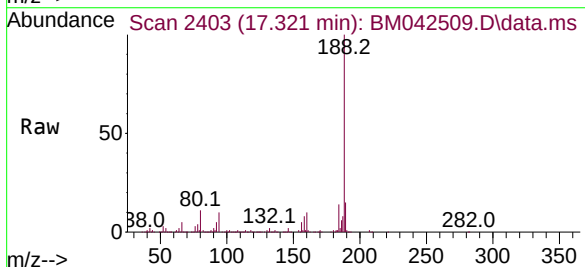
Instrument :
BNA_M
ClientSampleId :
PB156527BS

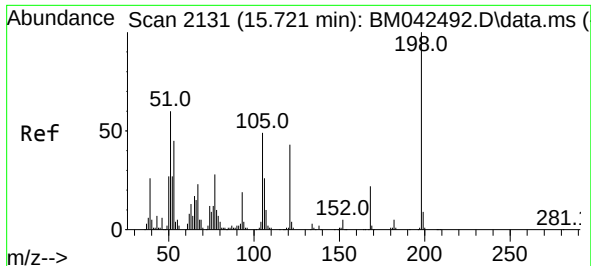
Tgt Ion: 77	Resp: 924555
Ion Ratio	Lower Upper
77 100	
182 22.3	0.0 40.0
105 18.1	0.0 37.9
51 36.2	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:188	Resp: 418982
Ion Ratio	Lower Upper
188 100	
94 9.6	8.2 12.4
80 11.1	9.4 14.2

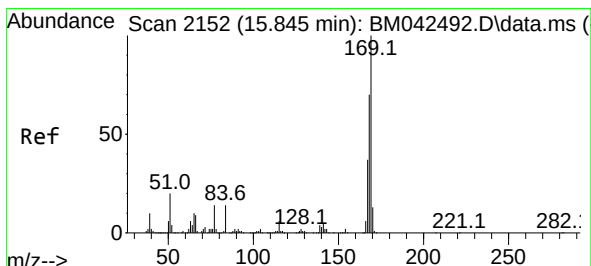
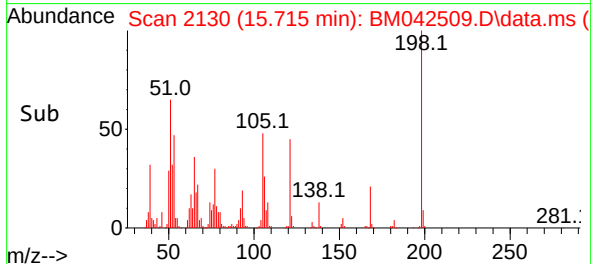
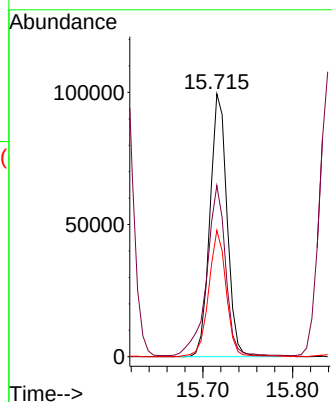
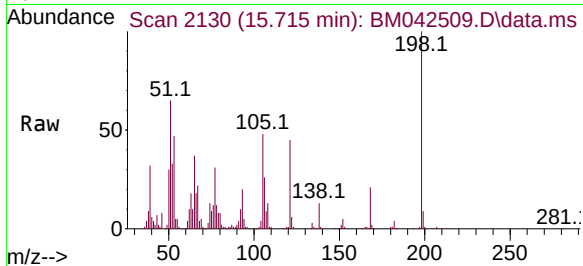




#65
4,6-Dinitro-2-methylphenol
Concen: 48.771 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

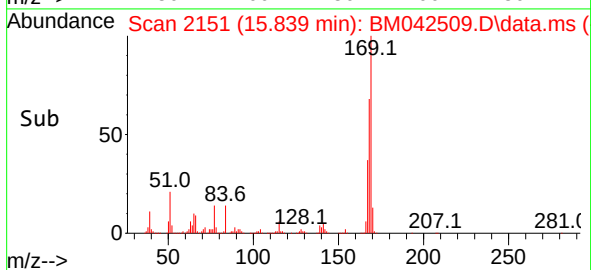
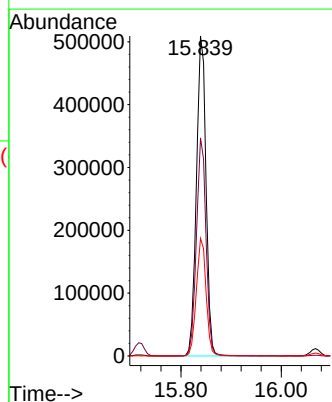
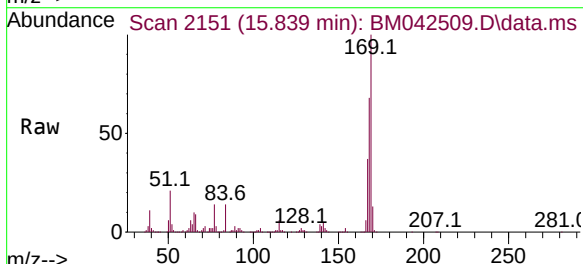
Instrument :
BNA_M
ClientSampleId :
PB156527BS

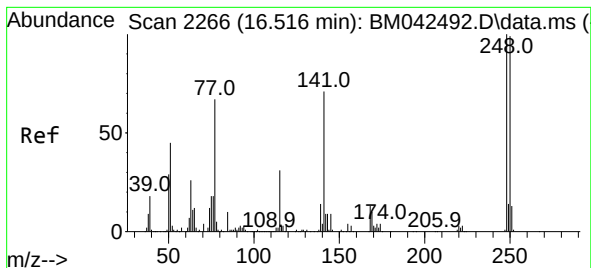
Tgt Ion:198 Resp: 131651
Ion Ratio Lower Upper
198 100
51 65.1 42.4 82.4
105 48.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 57.180 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:169 Resp: 675508
Ion Ratio Lower Upper
169 100
168 68.1 55.9 83.9
167 36.7 29.8 44.8

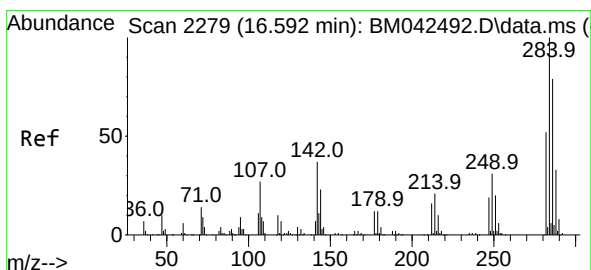
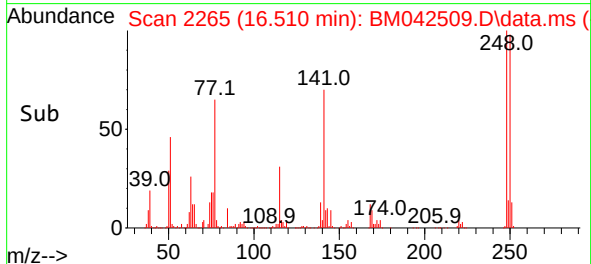
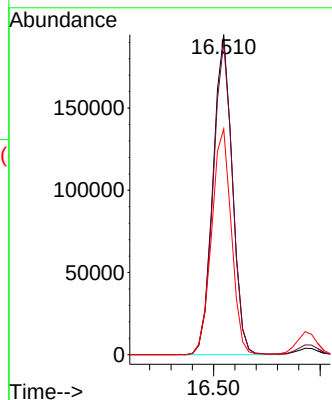
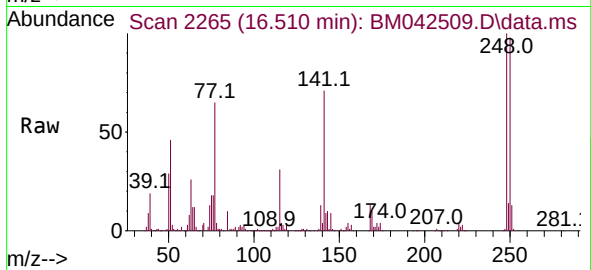




#67
4-Bromophenyl-phenylether
Concen: 58.519 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

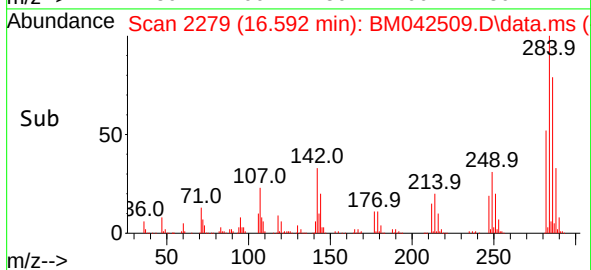
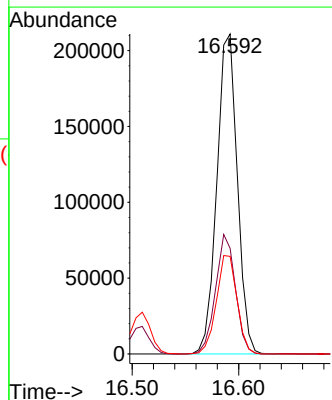
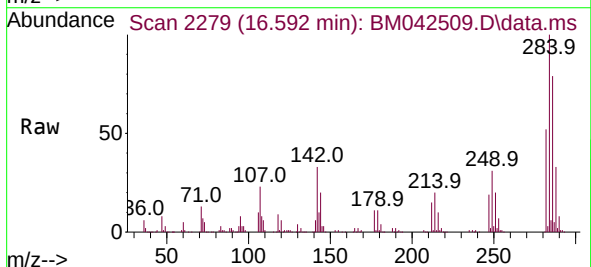
Instrument :
BNA_M
ClientSampleId :
PB156527BS

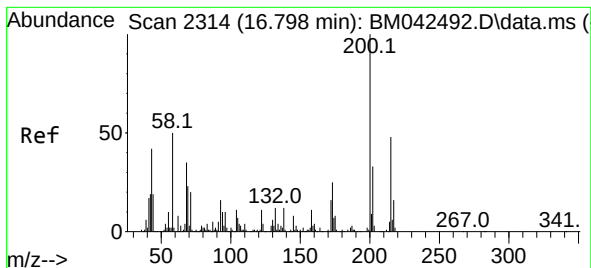
Tgt Ion:248 Resp: 245168
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.0
141 70.5 57.0 85.6



#68
Hexachlorobenzene
Concen: 60.637 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:284 Resp: 281045
Ion Ratio Lower Upper
284 100
142 33.0 29.8 44.6
249 30.5 25.1 37.7





#69

Atrazine

Concen: 64.729 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

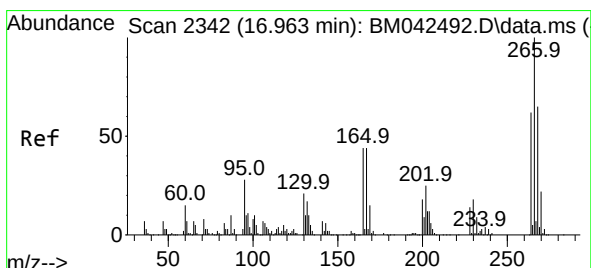
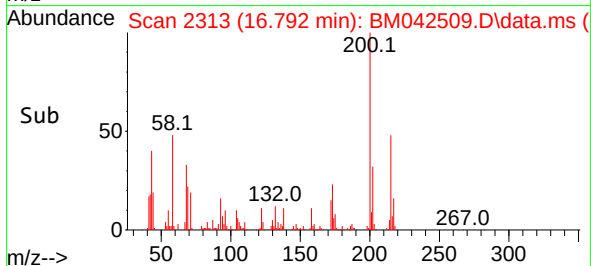
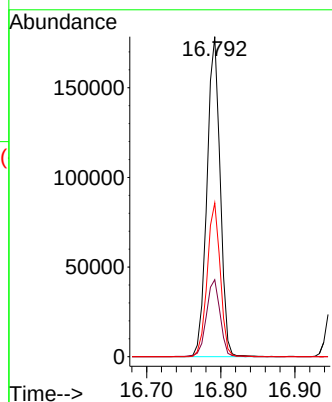
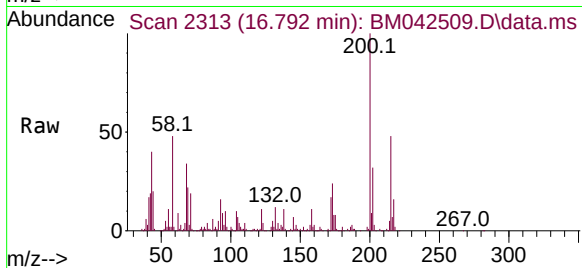
Tgt Ion:200 Resp: 220961

Ion Ratio Lower Upper

200 100

173 24.1 5.4 45.4

215 48.0 27.9 67.9



#70

Pentachlorophenol

Concen: 112.150 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

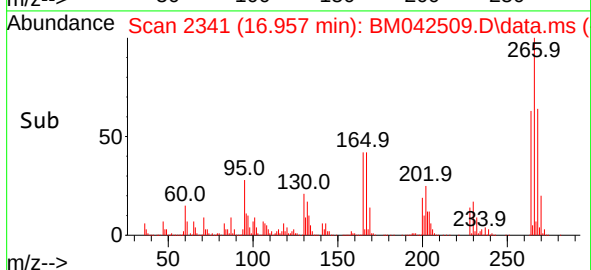
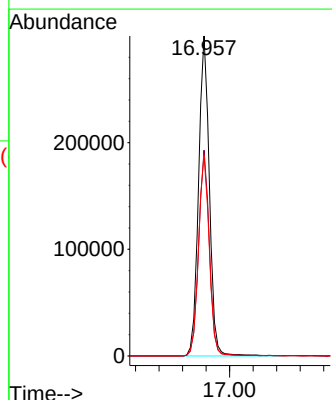
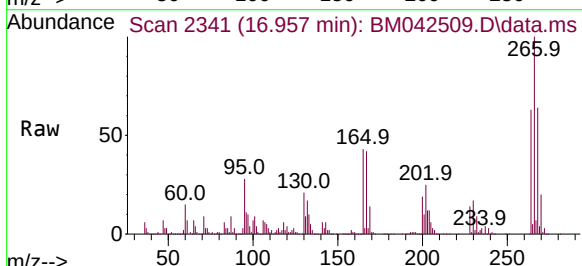
Tgt Ion:266 Resp: 382144

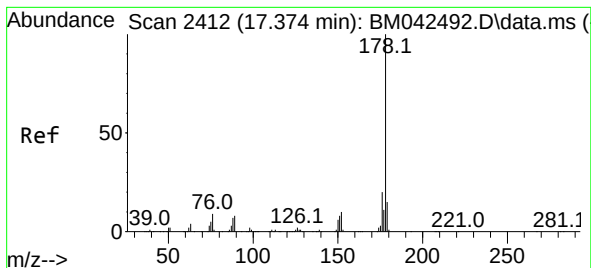
Ion Ratio Lower Upper

266 100

268 64.3 51.7 77.5

264 62.9 49.4 74.2





#71

Phenanthrene

Concen: 52.664 ng

RT: 17.368 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

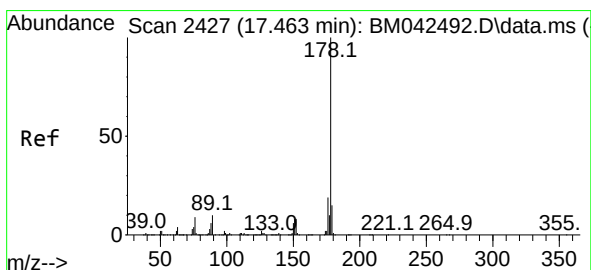
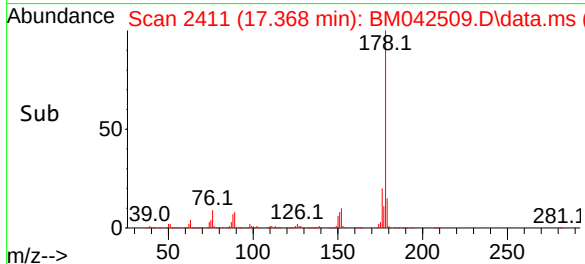
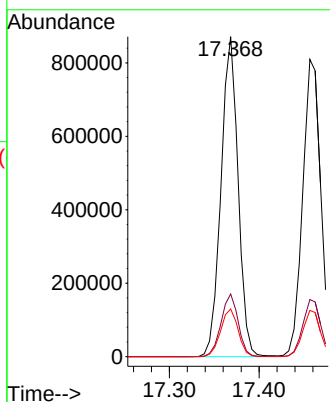
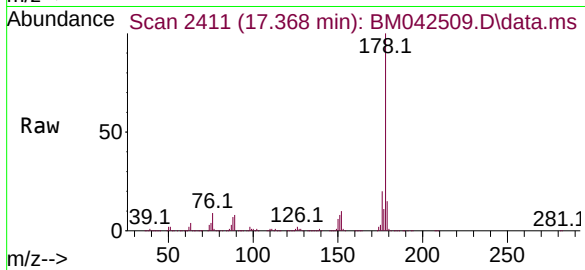
Tgt Ion:178 Resp: 1153107

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 14.9 12.2 18.4



#72

Anthracene

Concen: 53.078 ng

RT: 17.457 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

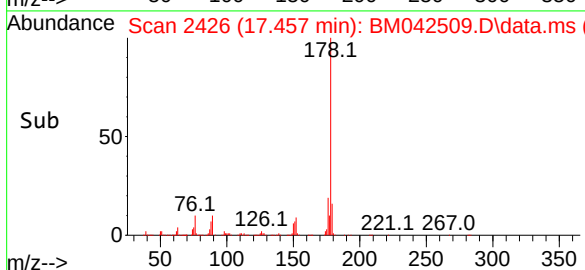
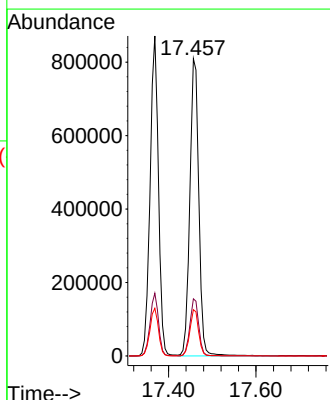
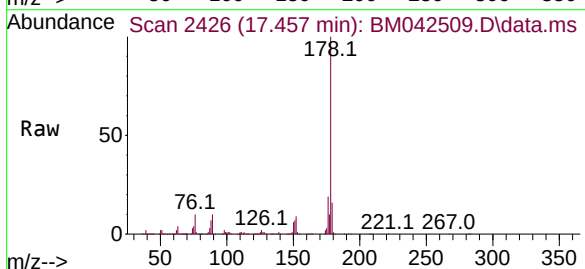
Tgt Ion:178 Resp: 1151128

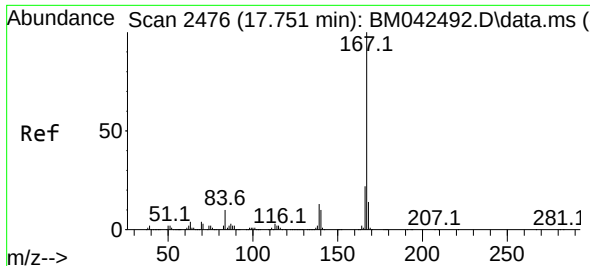
Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.5 12.3 18.5

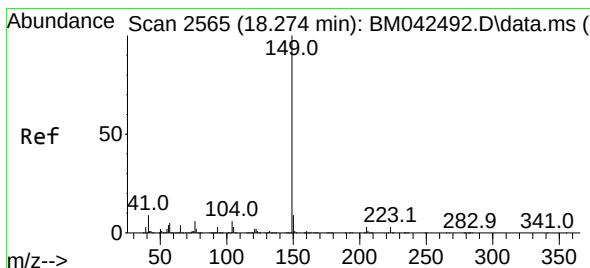
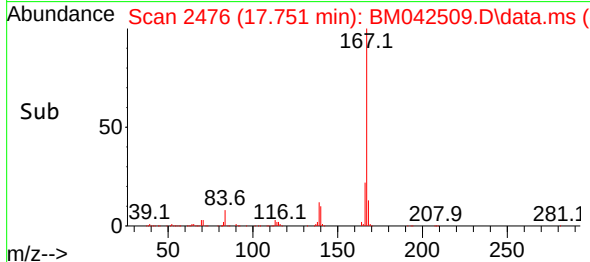
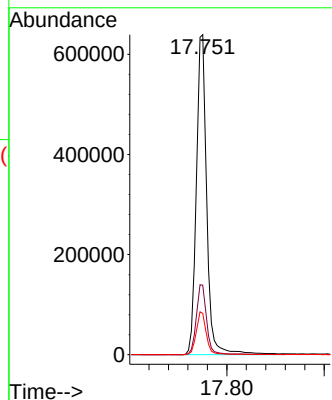
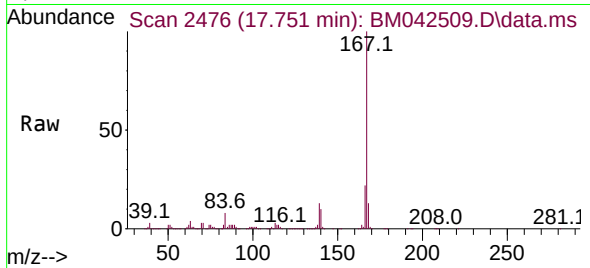




#73
 Carbazole
 Concen: 54.160 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM042509.D
 Acq: 31 Oct 2023 14:04

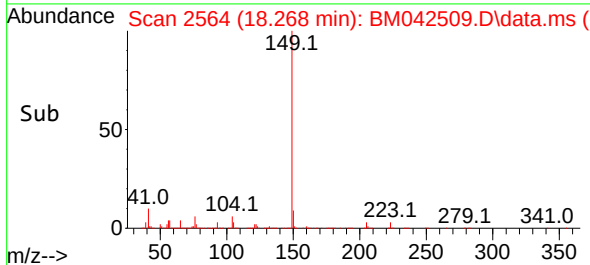
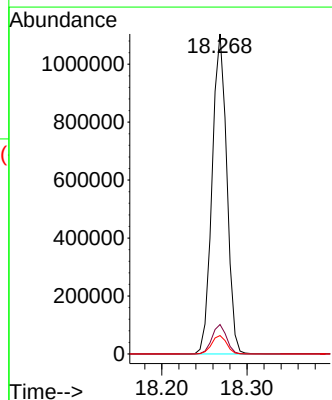
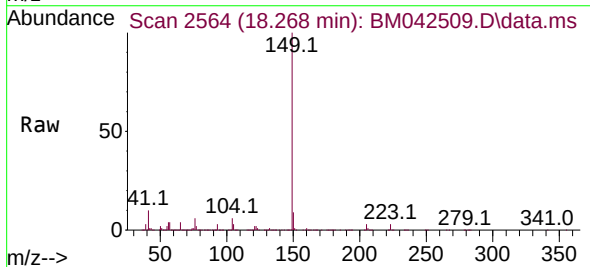
Instrument :
 BNA_M
 ClientSampleId :
 PB156527BS

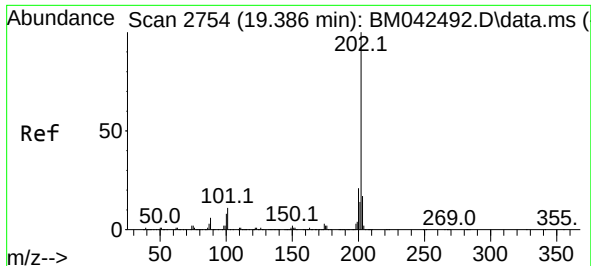
Tgt Ion:167 Resp: 955555
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 53.324 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BM042509.D
 Acq: 31 Oct 2023 14:04

Tgt Ion:149 Resp: 1321149
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.8 4.6 6.8

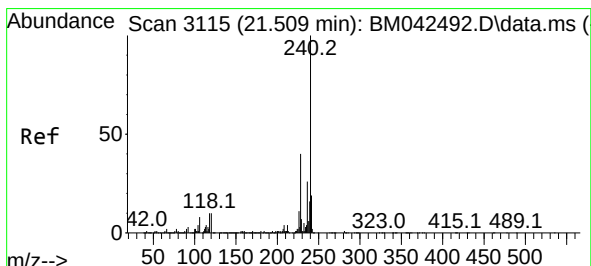
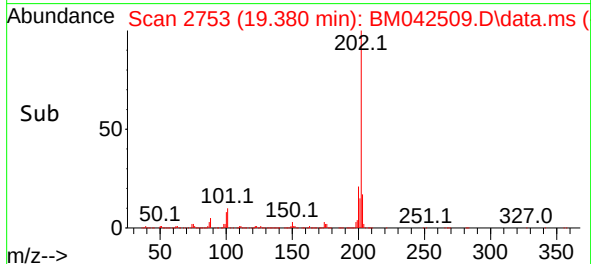
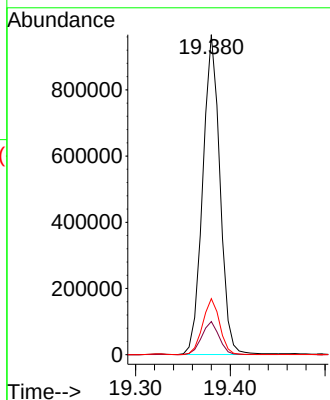
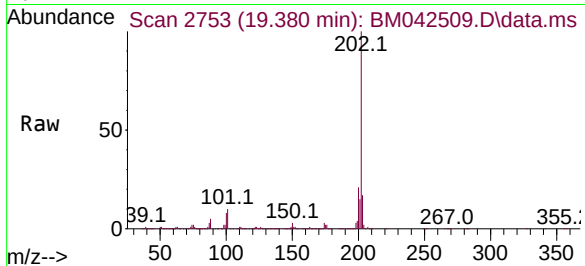




#75
Fluoranthene
Concen: 47.504 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

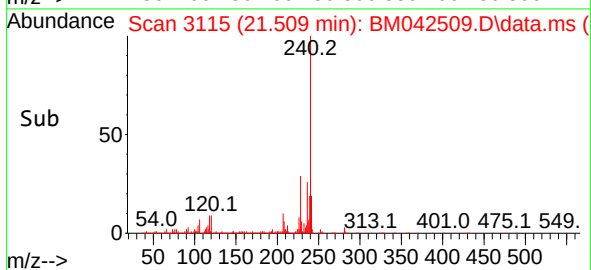
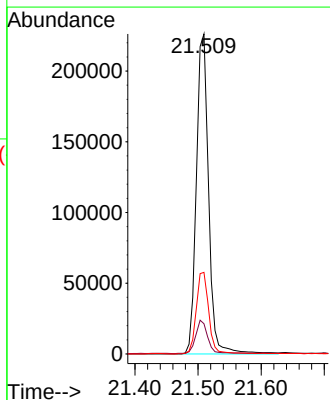
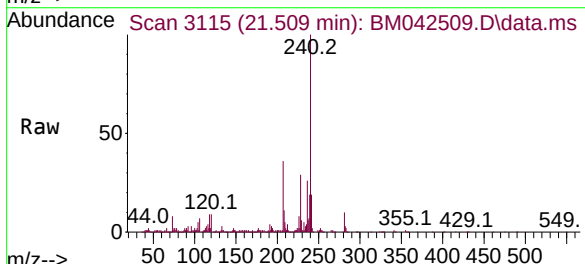
Instrument :
BNA_M
ClientSampleId :
PB156527BS

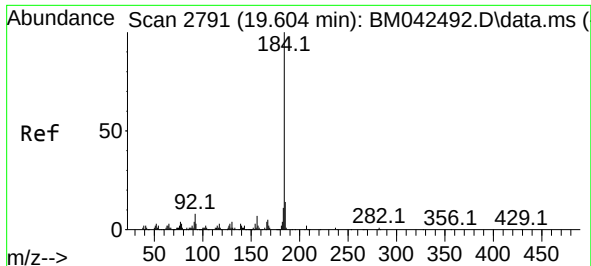
Tgt Ion:202 Resp: 1221815
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:240 Resp: 303945
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 25.5 20.8 31.2

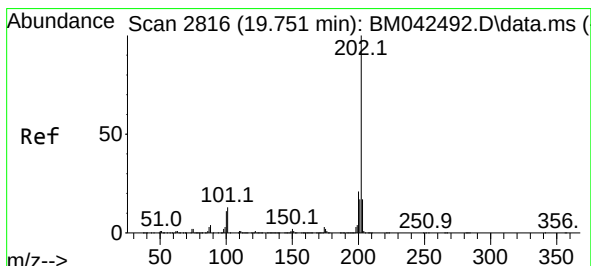
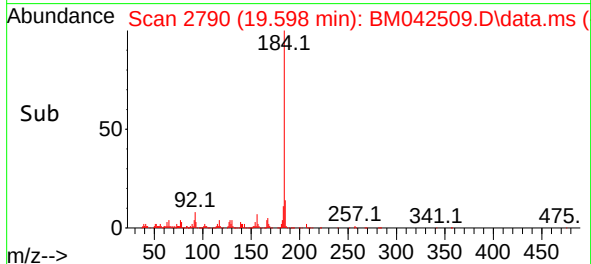
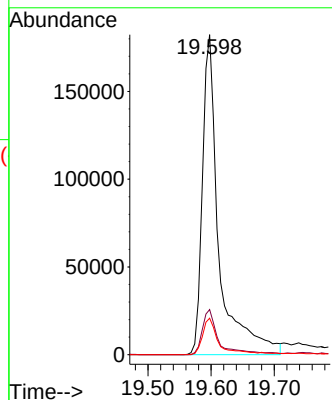
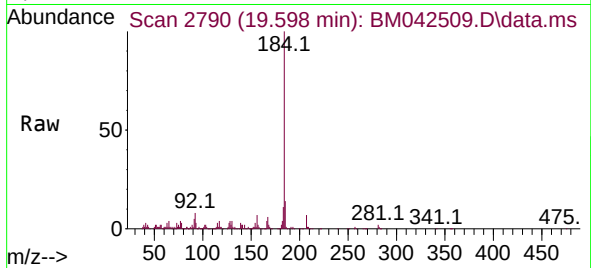




#77
Benzidine
Concen: 114.466 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

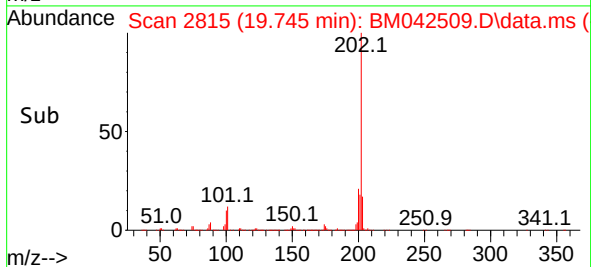
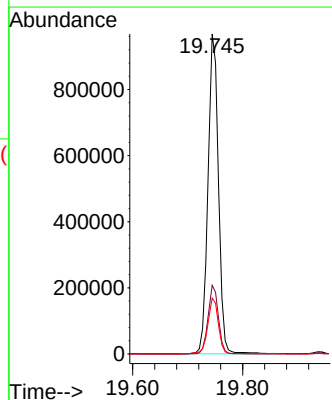
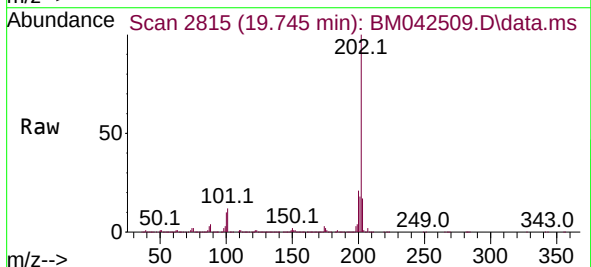
Instrument :
BNA_M
ClientSampleId :
PB156527BS

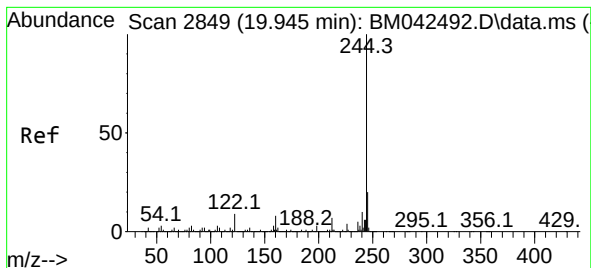
Tgt Ion:184 Resp: 333728
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.4 9.0 13.4



#78
Pyrene
Concen: 60.999 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:202 Resp: 1273107
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 123.676 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

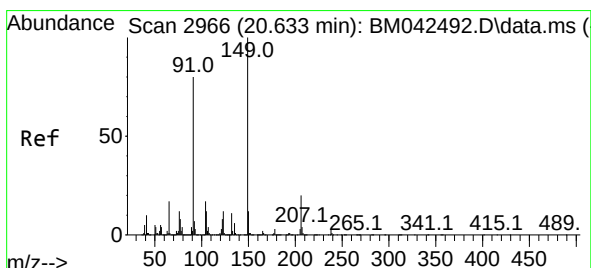
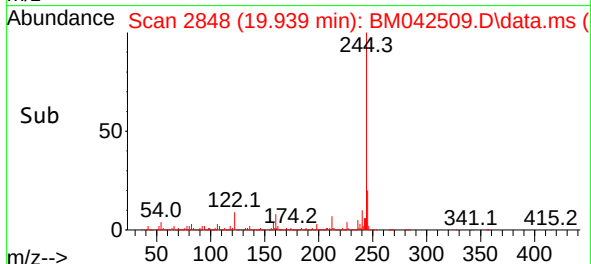
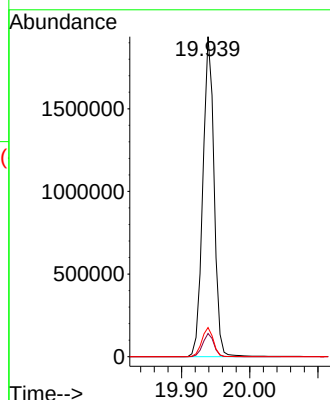
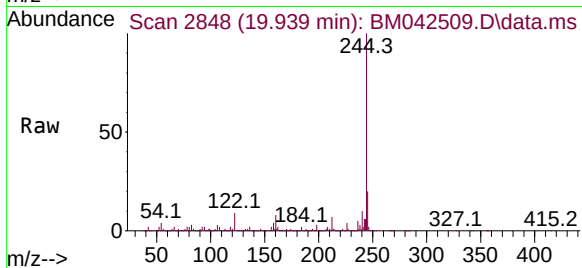
Tgt Ion:244 Resp: 2216940

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.1 7.2 10.8



#80

Butylbenzylphthalate

Concen: 57.885 ng

RT: 20.627 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

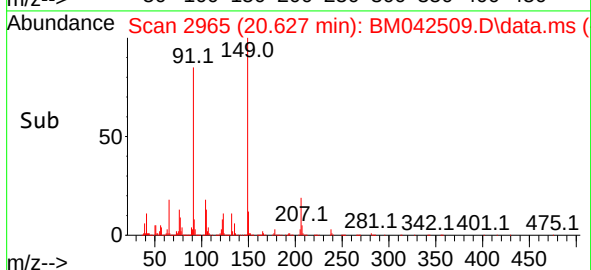
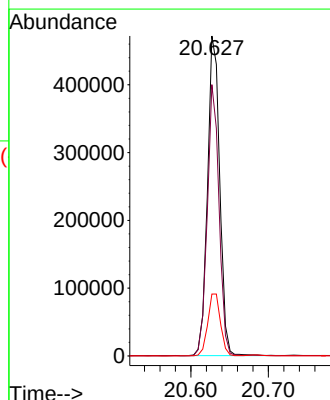
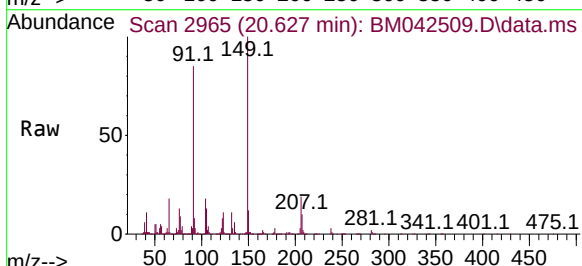
Tgt Ion:149 Resp: 515988

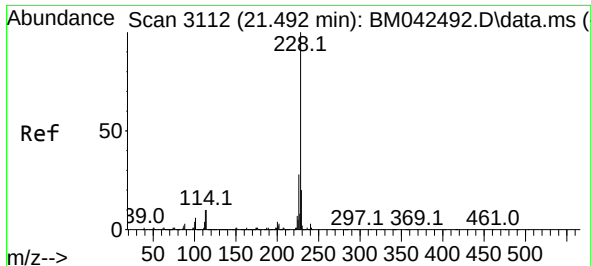
Ion Ratio Lower Upper

149 100

91 84.8 64.2 96.4

206 19.4 16.1 24.1

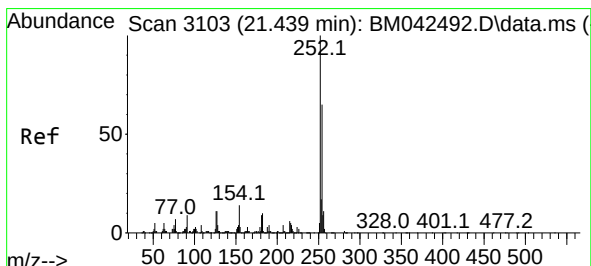
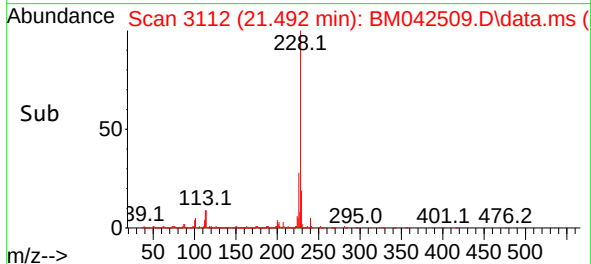
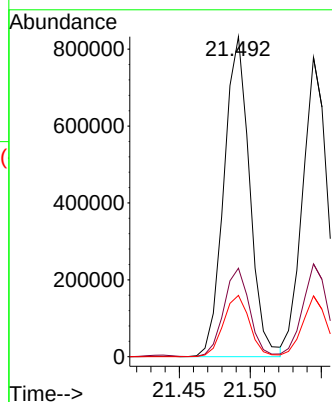
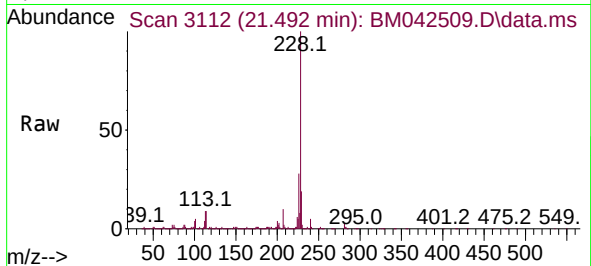




#81
Benzo(a)anthracene
Concen: 54.062 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

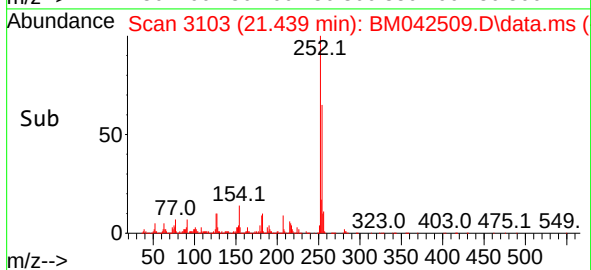
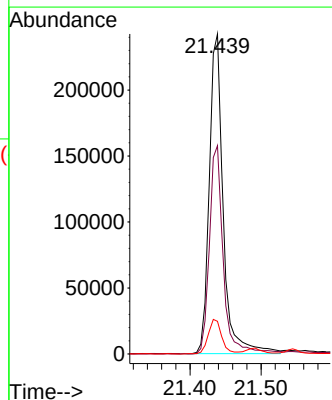
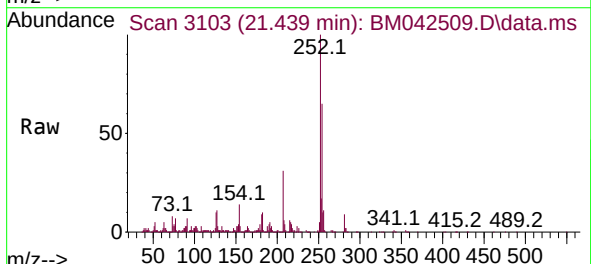
Instrument :
BNA_M
ClientSampleId :
PB156527BS

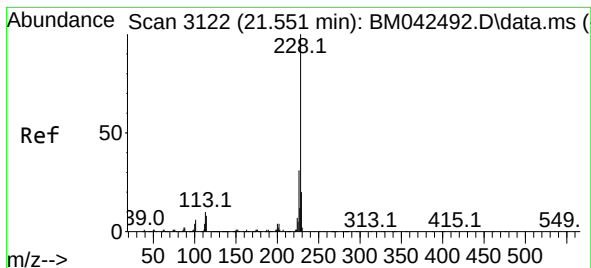
Tgt Ion:228 Resp: 1045485
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 53.757 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM042509.D
Acq: 31 Oct 2023 14:04

Tgt Ion:252 Resp: 330398
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.4
126 10.2 8.9 13.3





#83

Chrysene

Concen: 49.562 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

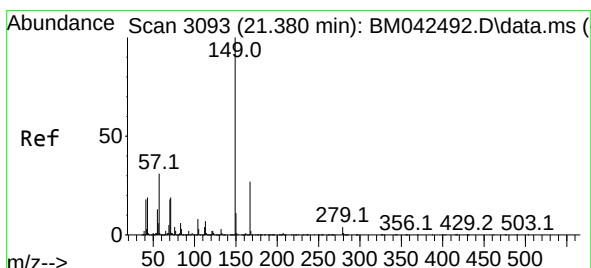
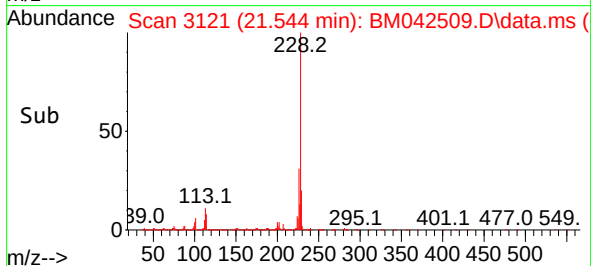
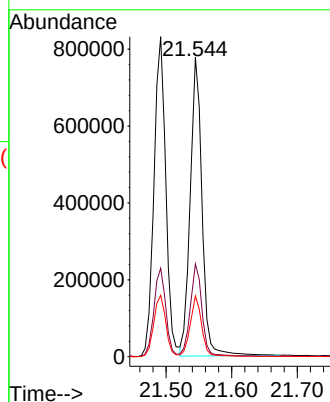
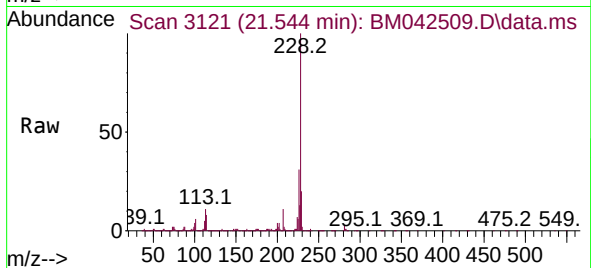
Tgt Ion:228 Resp: 973586

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.218 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

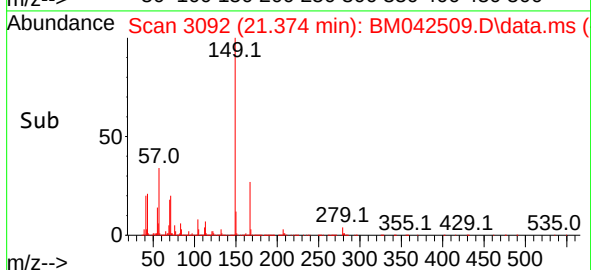
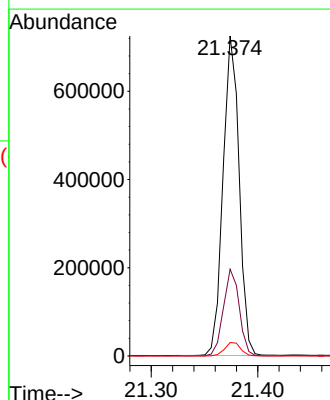
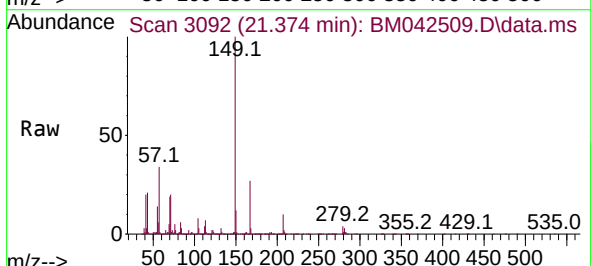
Tgt Ion:149 Resp: 757364

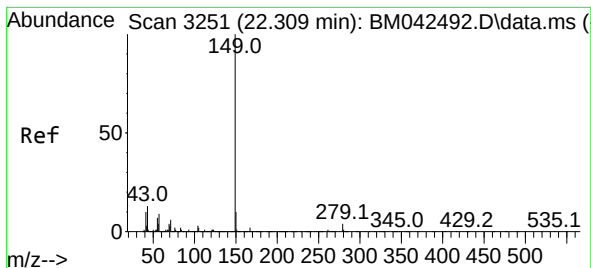
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 52.013 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

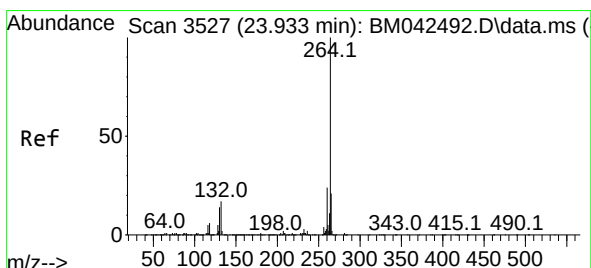
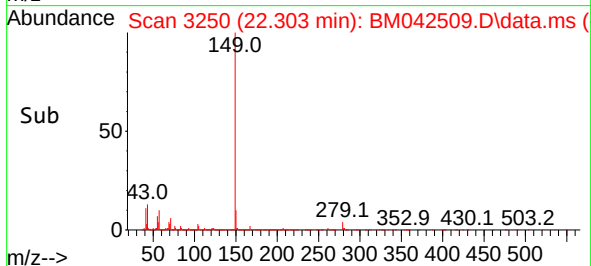
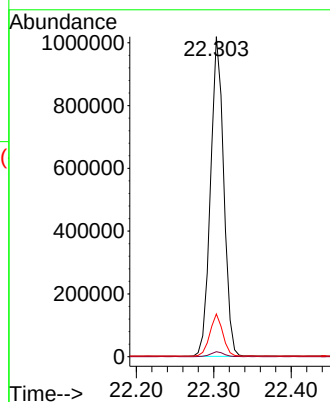
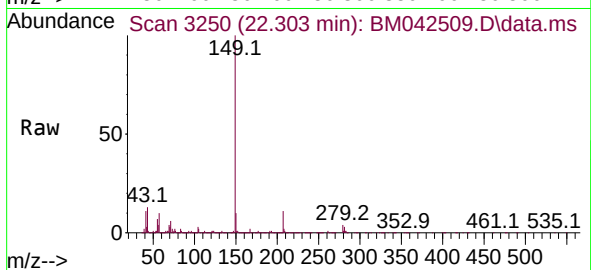
Tgt Ion:149 Resp: 1206102

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.8 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

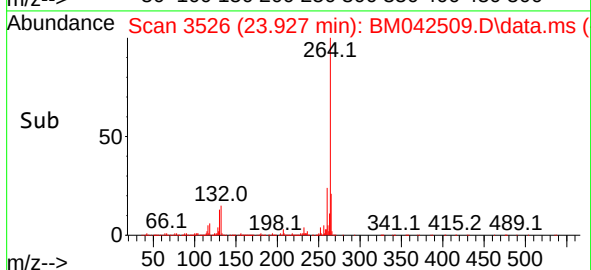
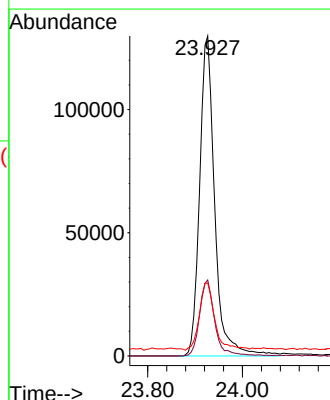
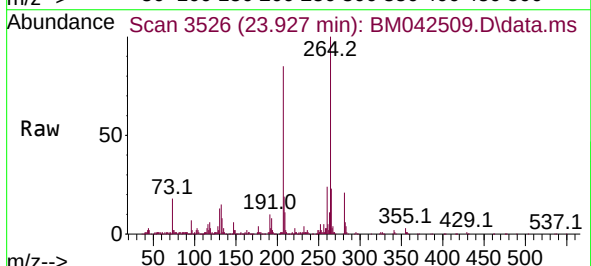
Tgt Ion:264 Resp: 286697

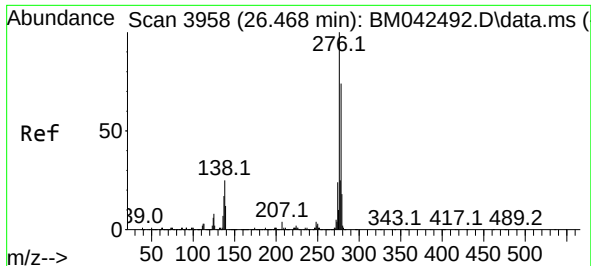
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.8 18.7 28.1

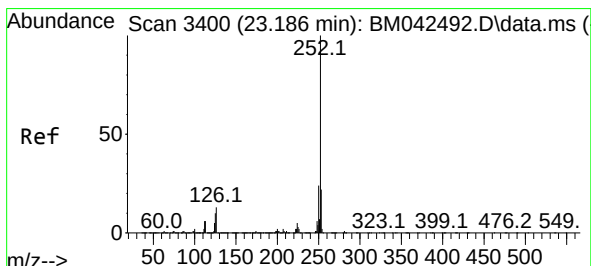
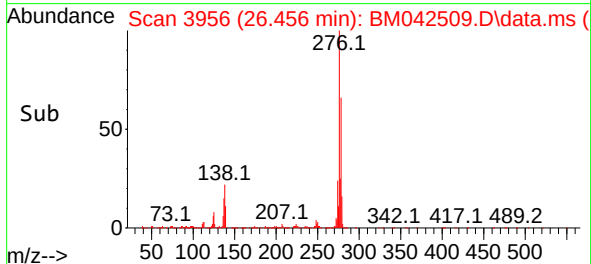
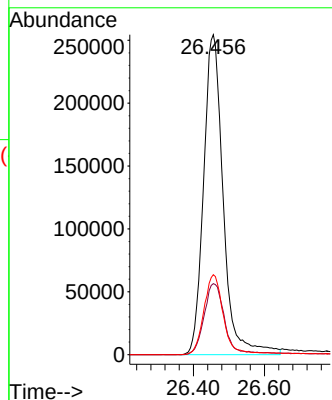
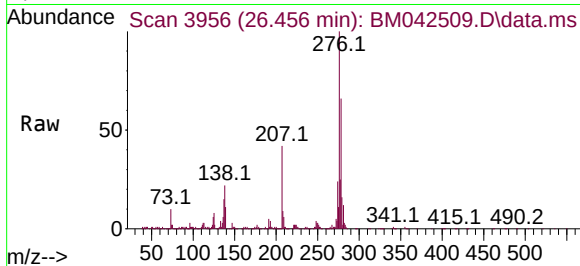




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.377 ng
 RT: 26.456 min Scan# 3399
 Delta R.T. -0.012 min
 Lab File: BM042509.D
 Acq: 31 Oct 2023 14:04

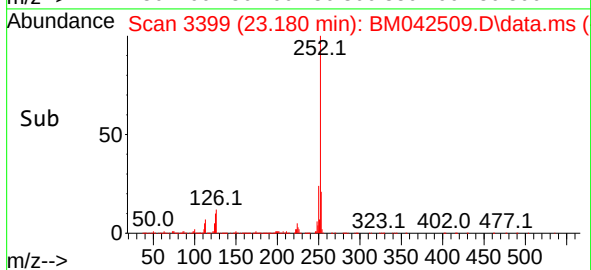
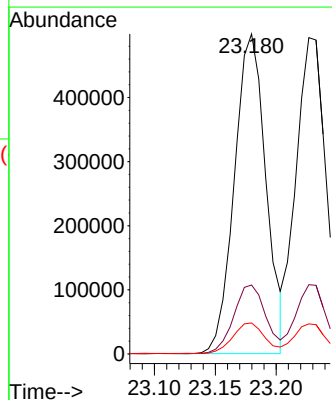
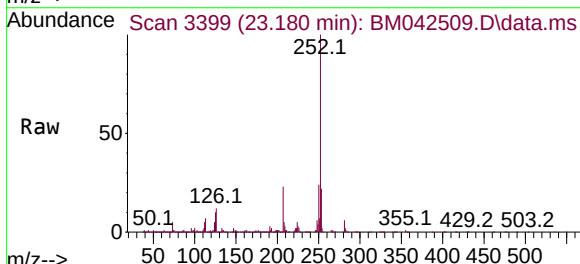
Instrument :
 BNA_M
 ClientSampleId :
 PB156527BS

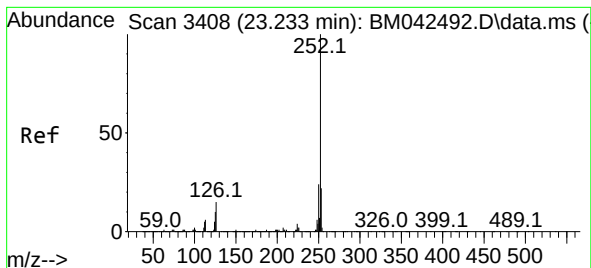
Tgt Ion:276 Resp: 979047
 Ion Ratio Lower Upper
 276 100
 138 23.1 20.6 31.0
 277 24.5 19.5 29.3



#88
 Benzo(b)fluoranthene
 Concen: 56.244 ng
 RT: 23.180 min Scan# 3399
 Delta R.T. -0.006 min
 Lab File: BM042509.D
 Acq: 31 Oct 2023 14:04

Tgt Ion:252 Resp: 898359
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 50.453 ng

RT: 23.227 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

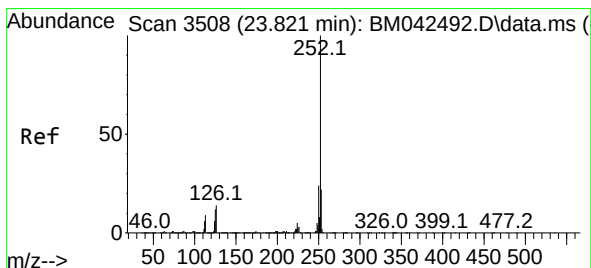
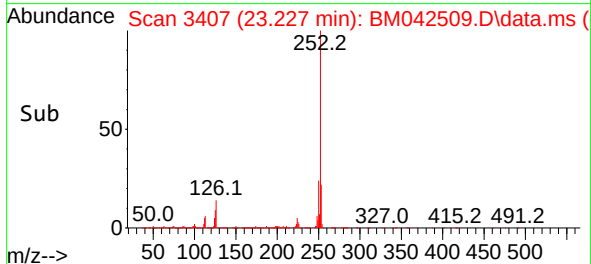
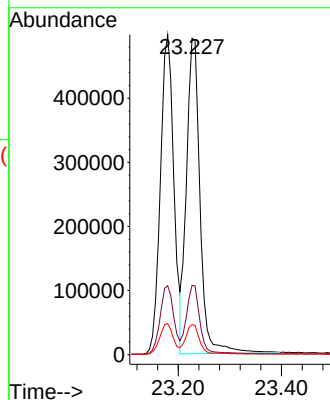
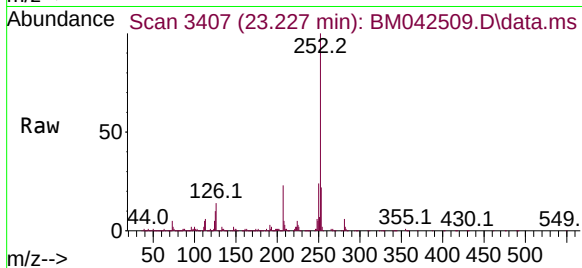
Tgt Ion:252 Resp: 897984

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 49.088 ng

RT: 23.815 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

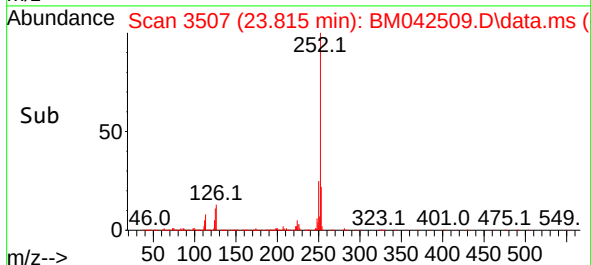
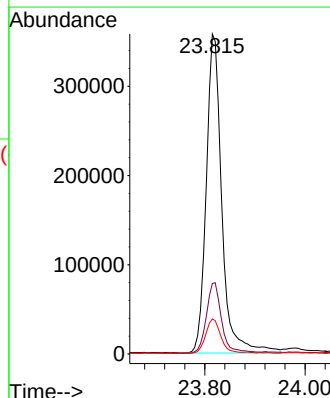
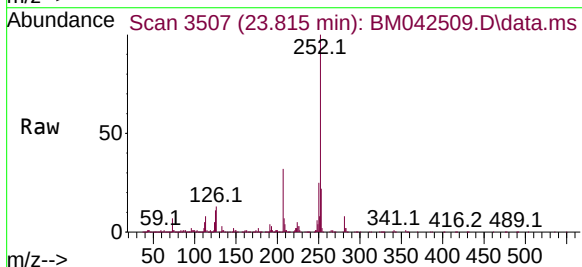
Tgt Ion:252 Resp: 771914

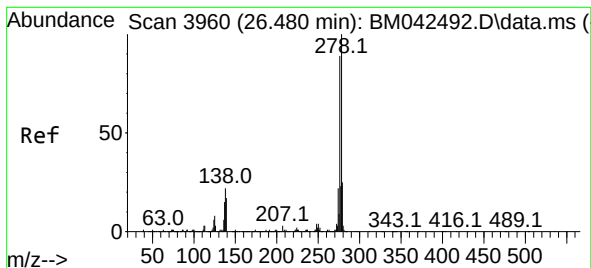
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.754 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

PB156527BS

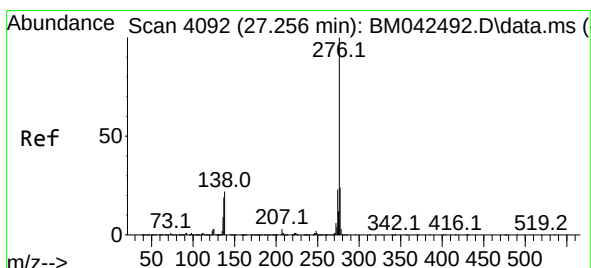
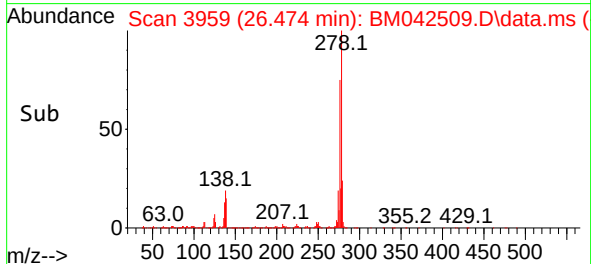
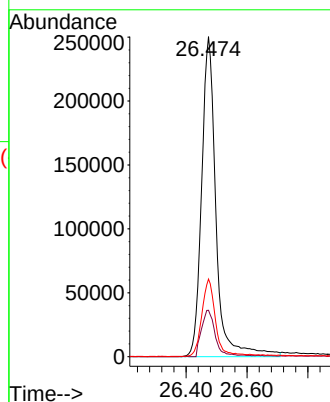
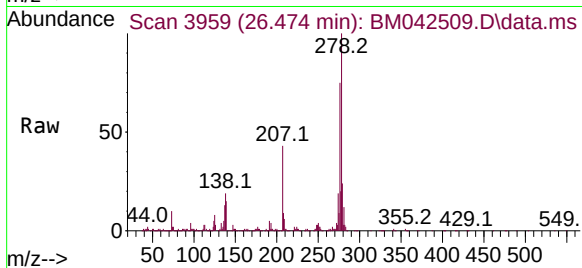
Tgt Ion:278 Resp: 820838

Ion Ratio Lower Upper

278 100

139 14.5 13.4 20.2

279 24.2 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 56.069 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BM042509.D

Acq: 31 Oct 2023 14:04

Tgt Ion:276 Resp: 843219

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 20.3 17.3 25.9

