

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042535.D
 Acq On : 01 Nov 2023 12:19
 Operator : MA/JU
 Sample : PB156350BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156350BS

Quant Time: Nov 01 23:40:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	76341	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	289914	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	170201	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	336318	20.000	ng	0.00
76) Chrysene-d12	21.503	240	277257	20.000	ng	0.00
86) Perylene-d12	23.927	264	315672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	688373	145.525	ng	0.00
7) Phenol-d6	7.092	99	857559	132.189	ng	0.00
23) Nitrobenzene-d5	9.128	82	588668	94.654	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	354104	159.354	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1256284	99.321	ng	0.00
79) Terphenyl-d14	19.939	244	1765871	107.995	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	74215	32.921	ng	96
3) Pyridine	3.740	79	190712	29.491	ng	96
4) n-Nitrosodimethylamine	3.669	42	151403	48.650	ng	86
6) Aniline	7.269	93	207836	25.204	ng	96
8) 2-Chlorophenol	7.481	128	240603	47.172	ng	99
9) Benzaldehyde	7.087	77	10610	2.838	ng	# 78
10) Phenol	7.122	94	303849	46.117	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	236824	42.488	ng	99
12) 1,3-Dichlorobenzene	7.798	146	263457	47.793	ng	97
13) 1,4-Dichlorobenzene	7.957	146	269989	48.394	ng	99
14) 1,2-Dichlorobenzene	8.269	146	255835	47.498	ng	97
15) Benzyl Alcohol	8.192	79	230179	50.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	211178	23.808	ng	99
17) 2-Methylphenol	8.375	107	197473	42.329	ng	96
18) Hexachloroethane	8.981	117	107507	49.250	ng	94
19) n-Nitroso-di-n-propyla...	8.745	70	198524	43.258	ng	94
20) 3+4-Methylphenols	8.710	107	264195	42.358	ng	98
22) Acetophenone	8.775	105	363494	49.714	ng	# 96
24) Nitrobenzene	9.169	77	300422	49.044	ng	97
25) Isophorone	9.681	82	527392	47.911	ng	99
26) 2-Nitrophenol	9.869	139	128302	49.163	ng	97
27) 2,4-Dimethylphenol	9.910	122	184948	43.919	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	310068	46.755	ng	99
29) 2,4-Dichlorophenol	10.392	162	225977	54.234	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	254100	55.646	ng	98
31) Naphthalene	10.792	128	723559	48.306	ng	100
32) Benzoic acid	10.075	122	161728	47.286	ng	94
33) 4-Chloroaniline	10.933	127	98627	16.887	ng	99
34) Hexachlorobutadiene	11.016	225	169374	61.092	ng	99
35) Caprolactam	11.780	113	63663	43.486	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	231073	48.729	ng	98
37) 2-Methylnaphthalene	12.398	142	484061	45.888	ng	97
38) 1-Methylnaphthalene	12.616	142	469846	47.320	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	288870	56.812	ng	98
41) Hexachlorocyclopentadiene	12.692	237	358624	114.780	ng	100
43) 2,4,6-Trichlorophenol	13.010	196	185245	56.880	ng	99

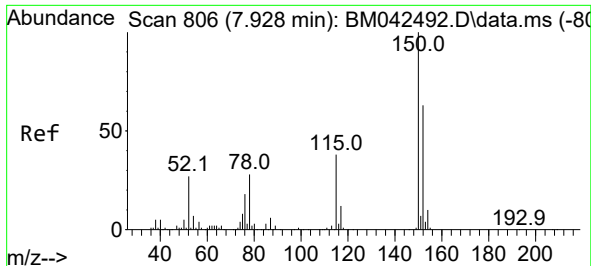
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	199568	51.495	ng	97
46) 1,1'-Biphenyl	13.410	154	657756	50.556	ng	99
47) 2-Chloronaphthalene	13.457	162	503976	52.802	ng	99
48) 2-Nitroaniline	13.698	65	166287	43.630	ng	97
49) Acenaphthylene	14.304	152	825791	52.241	ng	99
50) Dimethylphthalate	14.045	163	618307	48.605	ng	99
51) 2,6-Dinitrotoluene	14.186	165	131142	50.021	ng	98
52) Acenaphthene	14.639	154	463577	48.322	ng	98
53) 3-Nitroaniline	14.527	138	85399	30.765	ng	96
54) 2,4-Dinitrophenol	14.733	184	176645	93.503	ng	98
55) Dibenzofuran	14.974	168	766742	49.157	ng	99
56) 4-Nitrophenol	14.827	139	202807	84.683	ng	90
57) 2,4-Dinitrotoluene	14.968	165	177743	45.008	ng	97
58) Fluorene	15.621	166	619321	49.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	174194	53.365	ng	97
60) Diethylphthalate	15.386	149	613691	47.618	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	330926	51.904	ng	99
62) 4-Nitroaniline	15.692	138	105403	41.078	ng	88
63) Azobenzene	15.904	77	672950	47.385	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	103588	47.922	ng	95
66) n-Nitrosodiphenylamine	15.839	169	503477	53.093	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	191202	56.855	ng	97
68) Hexachlorobenzene	16.592	284	225468	60.603	ng	97
69) Atrazine	16.786	200	133444	48.700	ng	99
70) Pentachlorophenol	16.957	266	298510	109.138	ng	99
71) Phenanthrene	17.368	178	905101	51.497	ng	100
72) Anthracene	17.456	178	900596	51.733	ng	100
73) Carbazole	17.745	167	756689	53.430	ng	100
74) Di-n-butylphthalate	18.268	149	1026496	51.614	ng	99
75) Fluoranthene	19.380	202	1009581	48.900	ng	98
77) Benzidine	19.592	184	408573	153.626	ng	99
78) Pyrene	19.745	202	1049286	55.115	ng	99
80) Butylbenzylphthalate	20.627	149	435222	53.524	ng	98
81) Benzo(a)anthracene	21.492	228	925982	52.492	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	333430	59.473	ng	98
83) Chrysene	21.544	228	888502	49.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	641128	52.171	ng	99
85) Di-n-octyl phthalate	22.303	149	1057950	50.015	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	1144508	60.917	ng	94
88) Benzo(b)fluoranthene	23.180	252	922205	52.438	ng	99
89) Benzo(k)fluoranthene	23.233	252	907067	46.286	ng	98
90) Benzo(a)pyrene	23.815	252	815936	47.124	ng	# 98
91) Dibenzo(a,h)anthracene	26.474	278	963330	54.890	ng	# 95
92) Benzo(g,h,i)perylene	27.256	276	946223	57.143	ng	95

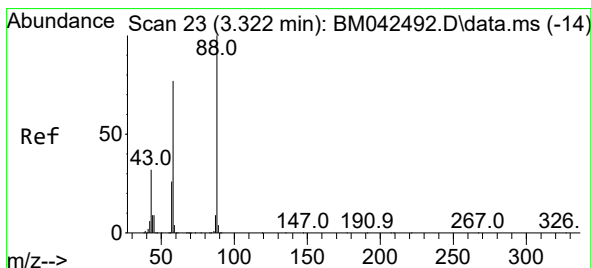
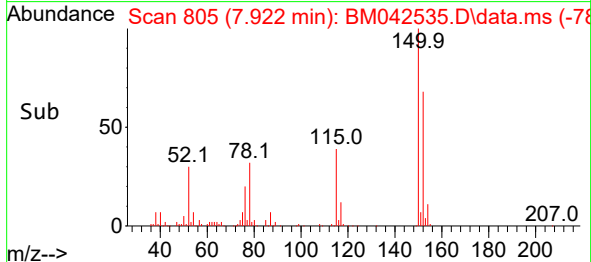
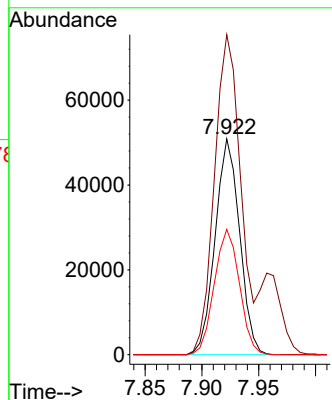
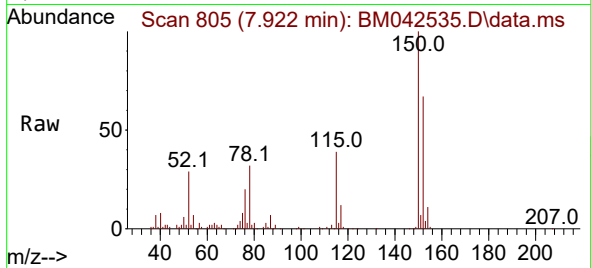
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

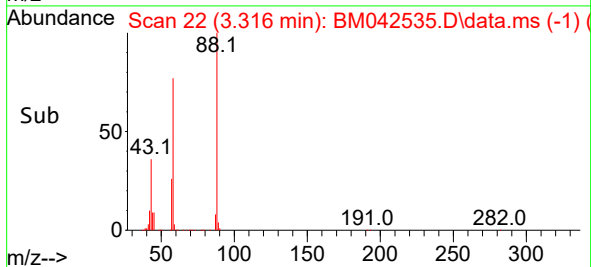
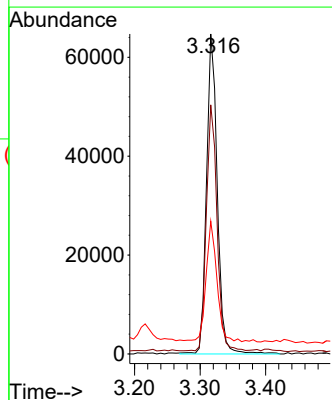
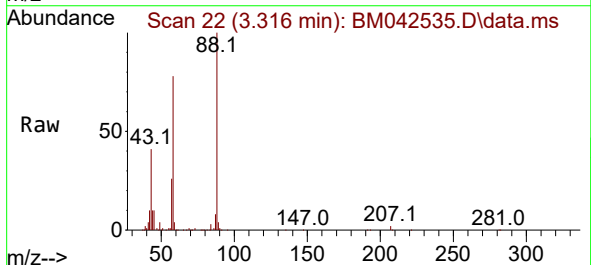
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PB156350BS

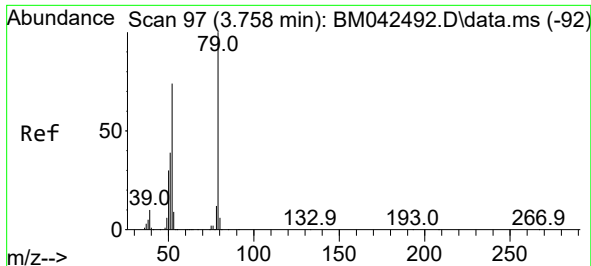
Tgt Ion:152 Resp: 76341
Ion Ratio Lower Upper
152 100
150 148.3 127.4 191.0
115 58.0 47.9 71.9



#2
1,4-Dioxane
Concen: 32.921 ng
RT: 3.316 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 88 Resp: 74215
Ion Ratio Lower Upper
88 100
58 75.5 62.6 93.8
43 37.1 26.5 39.7

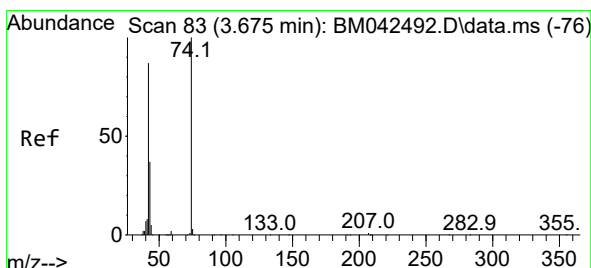
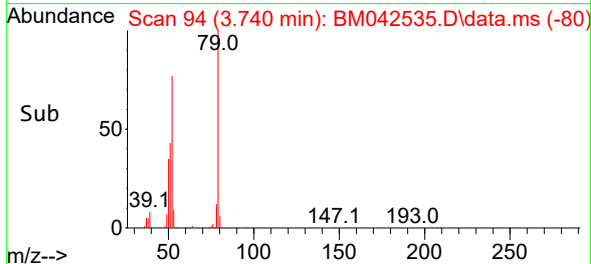
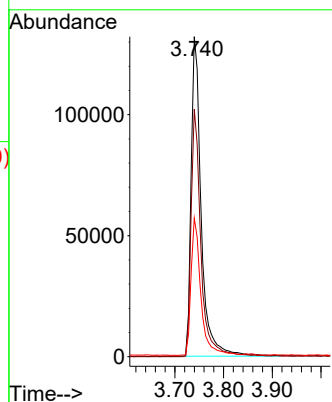
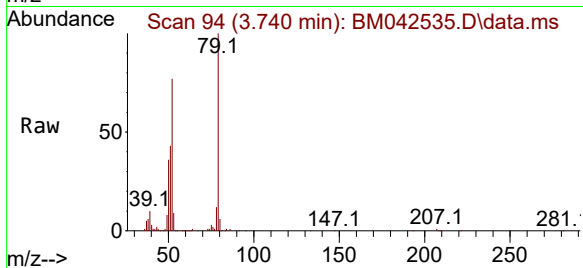




#3
 Pyridine
 Concen: 29.491 ng
 RT: 3.740 min Scan# 94
 Delta R.T. -0.018 min
 Lab File: BM042535.D
 Acq: 01 Nov 2023 12:19

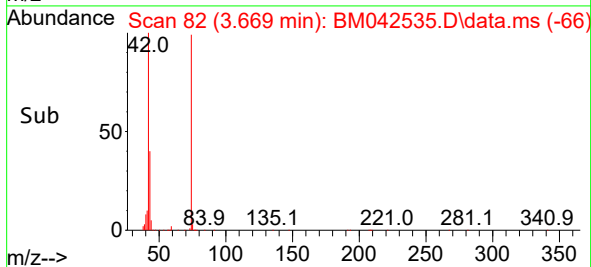
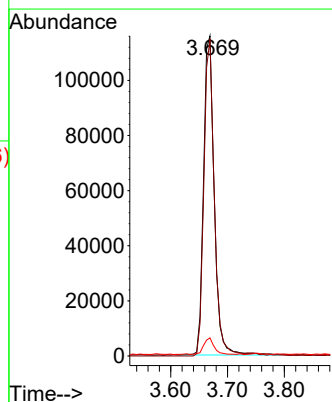
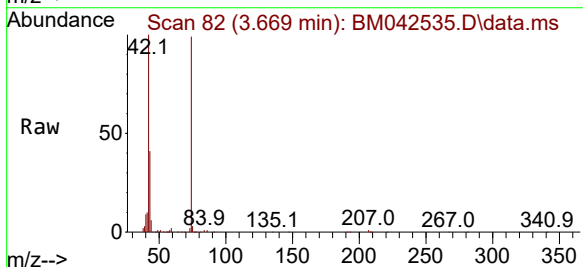
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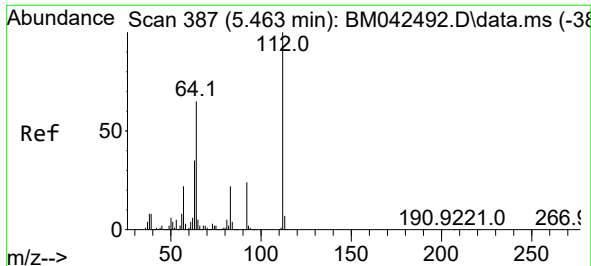
Tgt Ion: 79 Resp: 190712
 Ion Ratio Lower Upper
 79 100
 52 77.3 59.3 88.9
 51 43.3 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 48.650 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042535.D
 Acq: 01 Nov 2023 12:19

Tgt Ion: 42 Resp: 151403
 Ion Ratio Lower Upper
 42 100
 74 99.0 92.2 138.2
 44 5.7 5.1 7.7

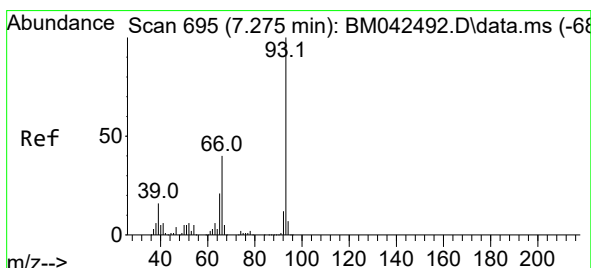
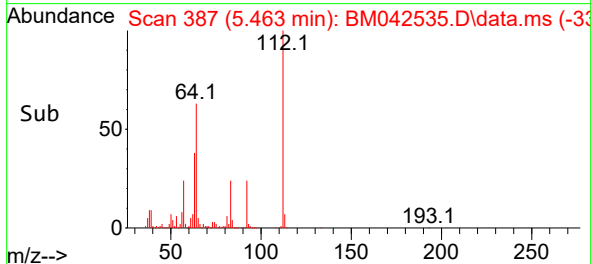
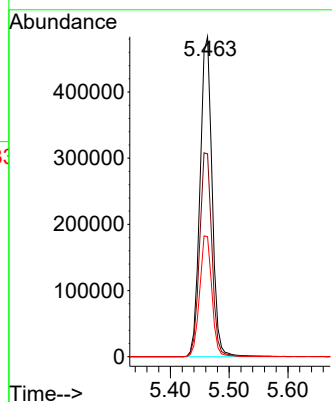
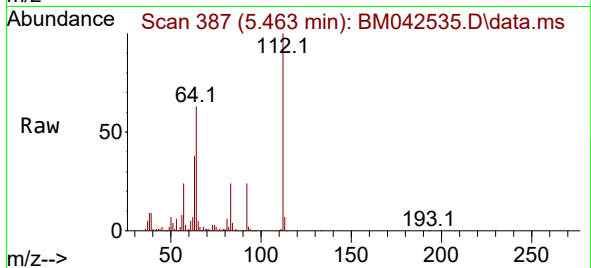




#5
2-Fluorophenol
Concen: 145.525 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

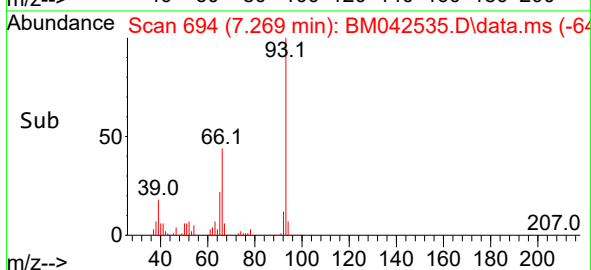
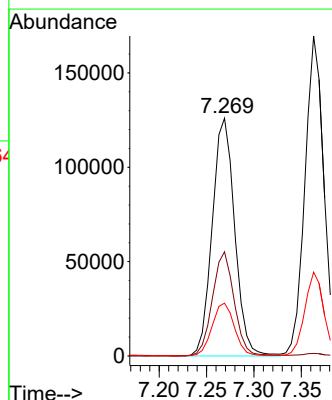
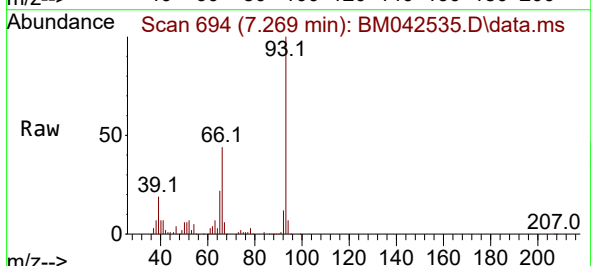
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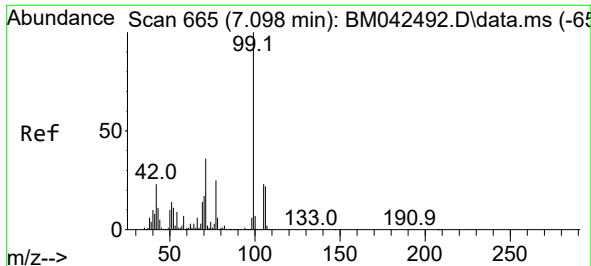
Tgt Ion:112 Resp: 688373
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 37.5 28.3 42.5



#6
Aniline
Concen: 25.204 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 93 Resp: 207836
Ion Ratio Lower Upper
93 100
66 43.8 32.2 48.2
65 22.2 17.0 25.6

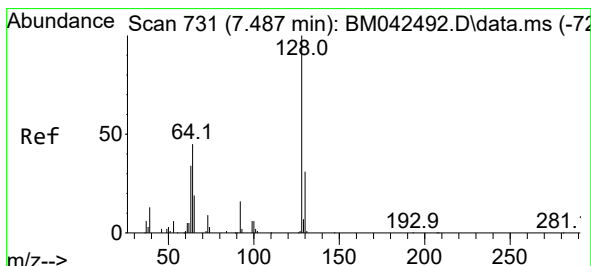
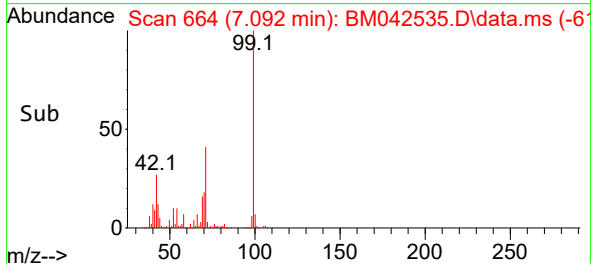
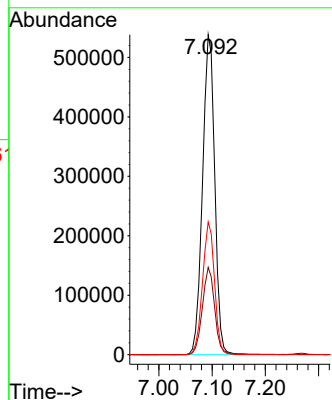
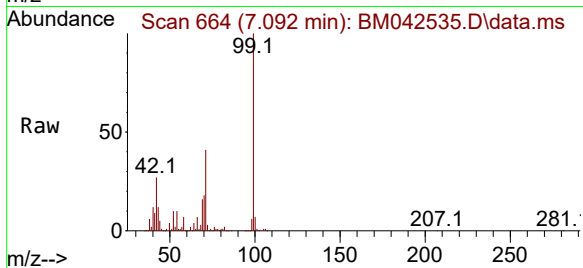




#7
Phenol-d6
Concen: 132.189 ng
RT: 7.092 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

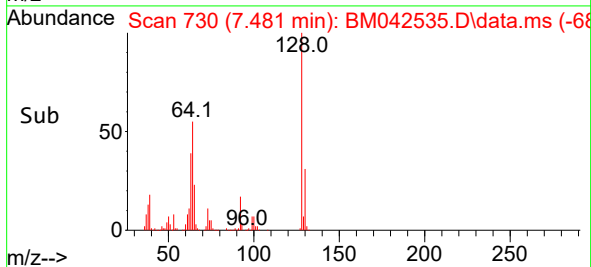
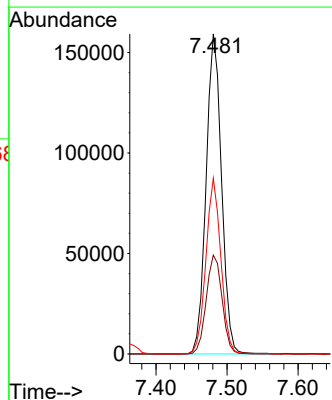
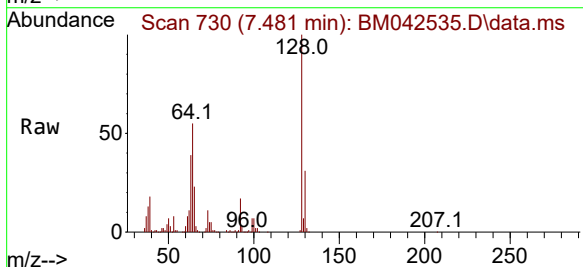
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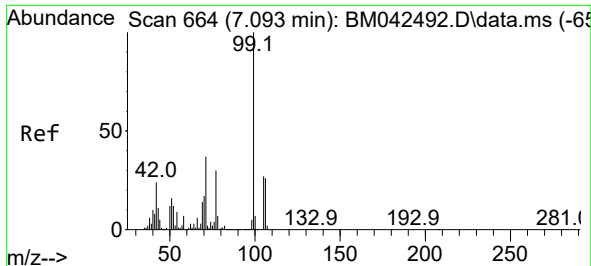
Tgt Ion: 99 Resp: 857559
Ion Ratio Lower Upper
99 100
42 27.3 18.7 28.1
71 41.5 29.1 43.7



#8
2-Chlorophenol
Concen: 47.172 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 128 Resp: 240603
Ion Ratio Lower Upper
128 100
130 30.9 11.2 51.2
64 54.9 34.4 74.4

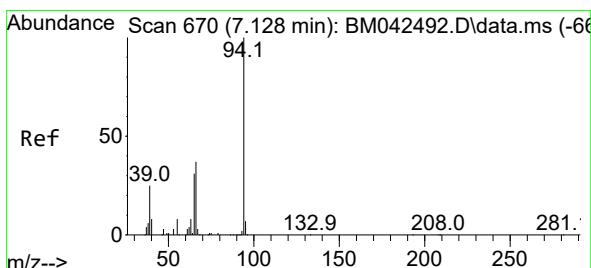
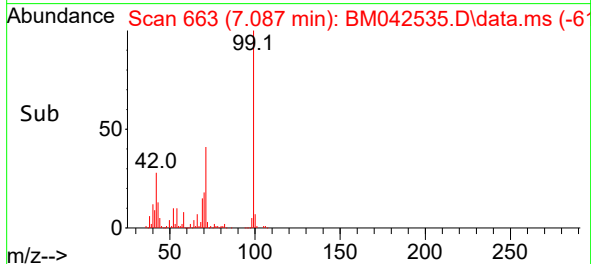
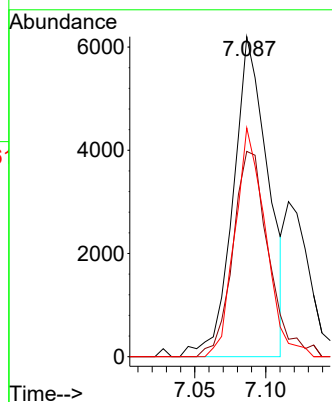
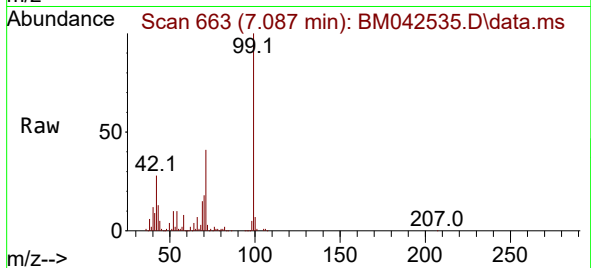




#9
Benzaldehyde
Concen: 2.838 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

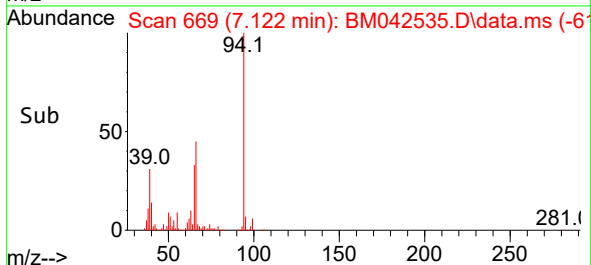
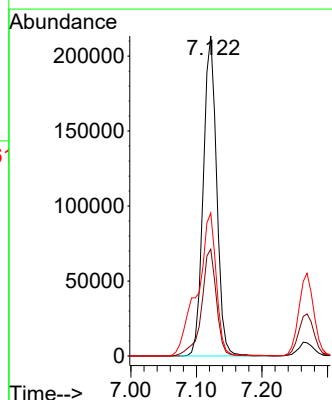
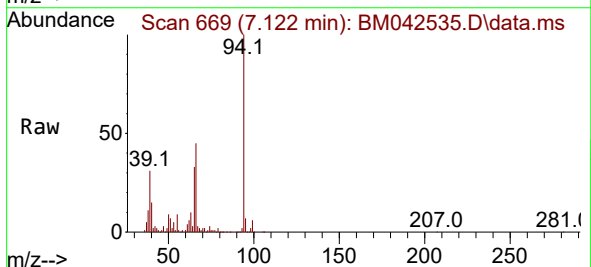
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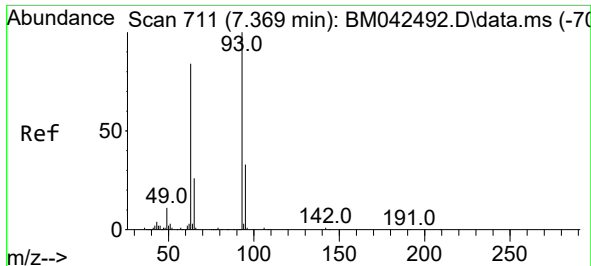
Tgt Ion: 77 Resp: 10610
Ion Ratio Lower Upper
77 100
105 64.1 69.7 109.7#
106 71.5 66.4 106.4



#10
Phenol
Concen: 46.117 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 94 Resp: 303849
Ion Ratio Lower Upper
94 100
65 33.4 11.5 51.5
66 44.7 20.0 60.0

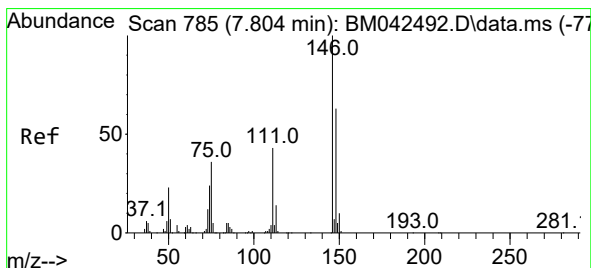
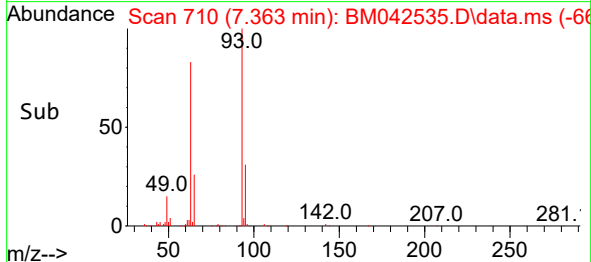
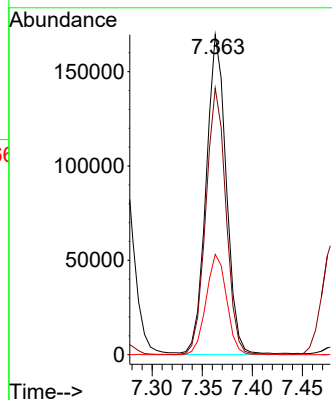
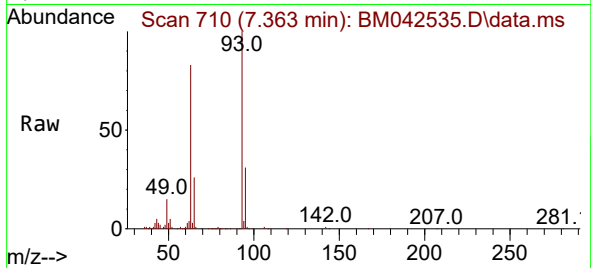




#11
bis(2-Chloroethyl)ether
Concen: 42.488 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

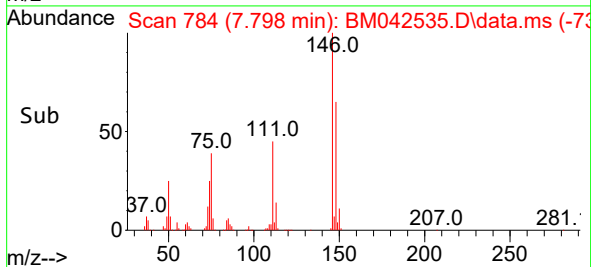
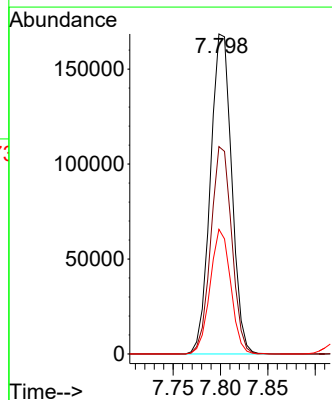
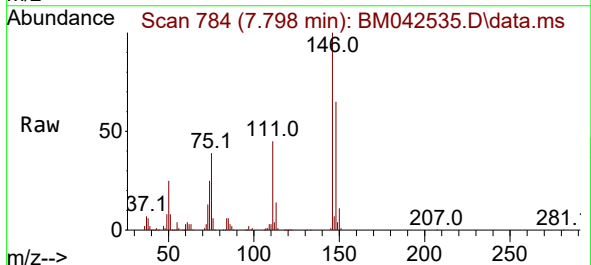
Instrument :
BNA_M
ClientSampleId :
PB156350BS

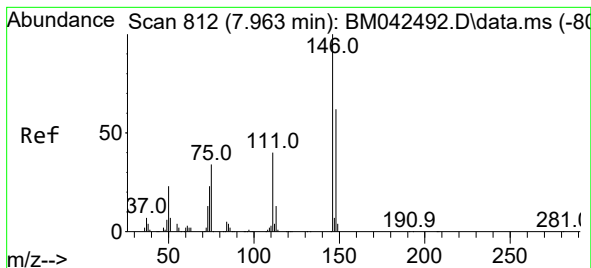
Tgt Ion: 93 Resp: 236824
Ion Ratio Lower Upper
93 100
63 83.3 63.2 103.2
95 31.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.793 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 146 Resp: 263457
Ion Ratio Lower Upper
146 100
148 64.8 50.4 75.6
75 38.9 28.9 43.3

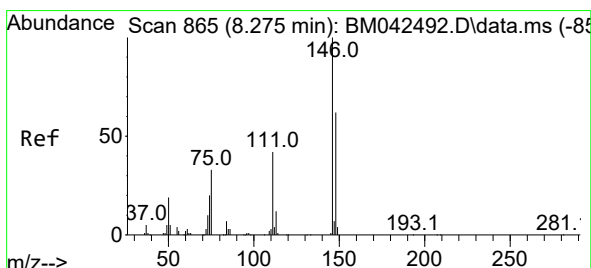
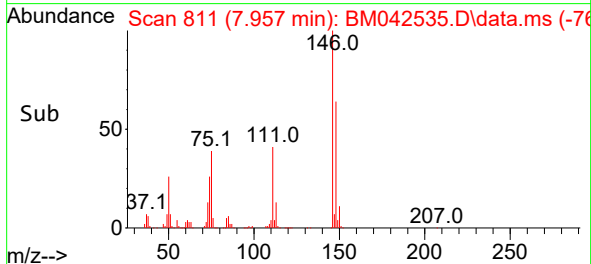
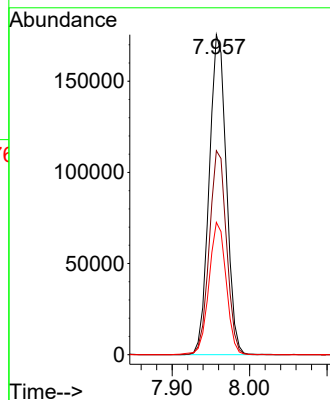
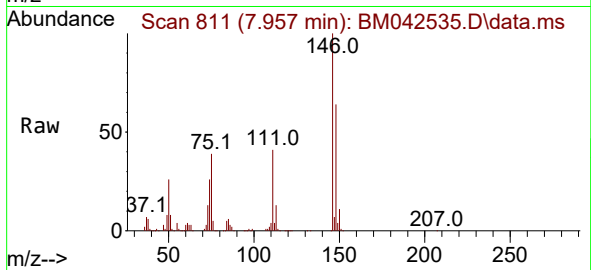




#13
1,4-Dichlorobenzene
Concen: 48.394 ng
RT: 7.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

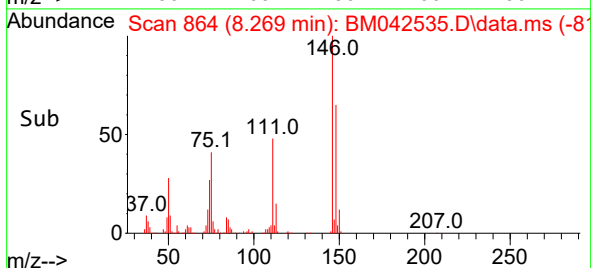
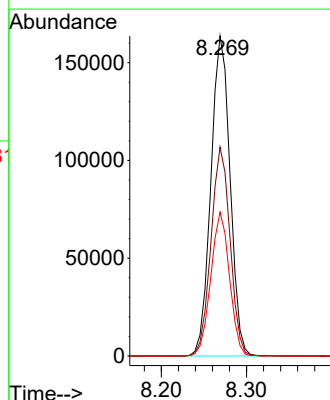
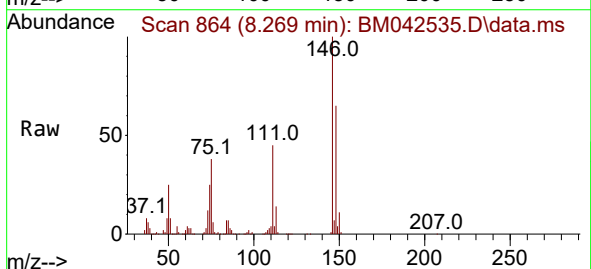
Instrument :
BNA_M
ClientSampleId :
PB156350BS

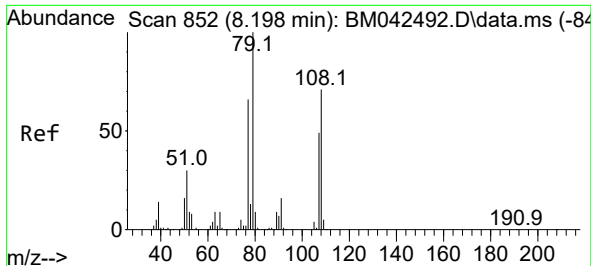
Tgt Ion:146 Resp: 269989
Ion Ratio Lower Upper
146 100
148 63.8 50.0 75.0
111 41.4 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 47.498 ng
RT: 8.269 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:146 Resp: 255835
Ion Ratio Lower Upper
146 100
148 65.3 50.0 75.0
111 44.9 34.5 51.7

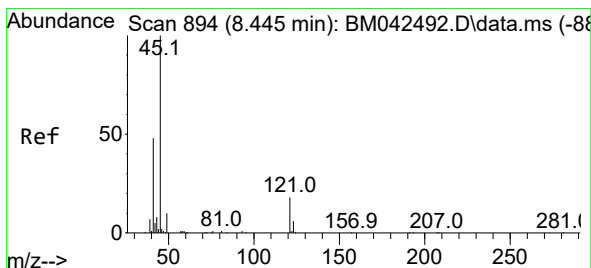
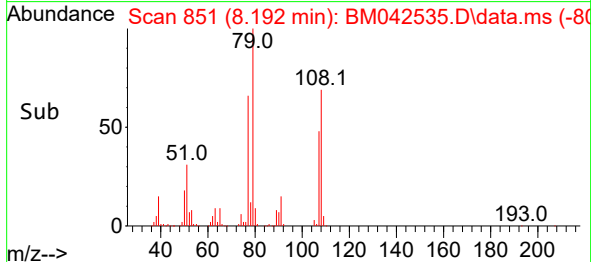
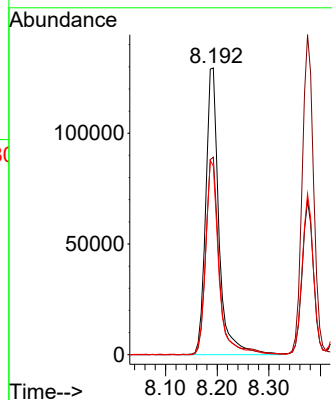
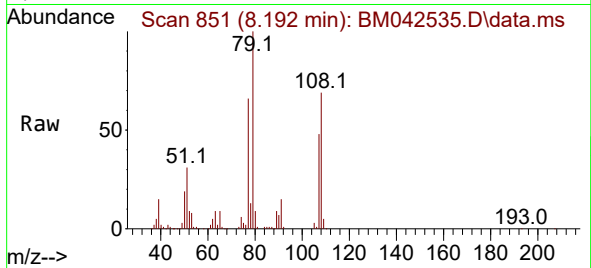




#15
Benzyl Alcohol
Concen: 50.117 ng
RT: 8.192 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

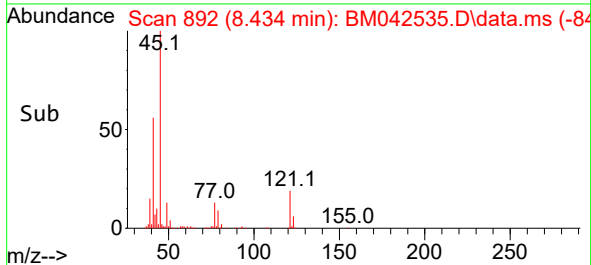
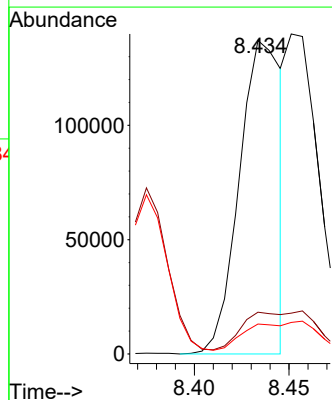
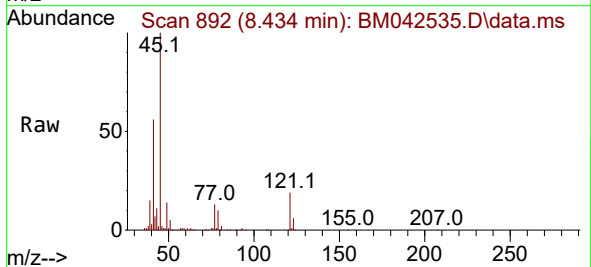
Instrument :
BNA_M
ClientSampleId :
PB156350BS

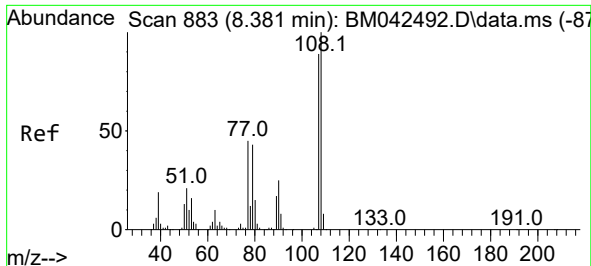
Tgt Ion: 79 Resp: 230179
Ion Ratio Lower Upper
79 100
108 68.9 56.8 85.2
77 65.8 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.808 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 45 Resp: 211178
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.0
79 9.5 0.0 29.5





#17

2-Methylphenol

Concen: 42.329 ng

RT: 8.375 min Scan# 882

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

Tgt Ion:107 Resp: 197473

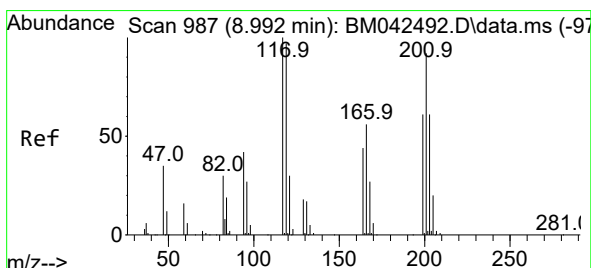
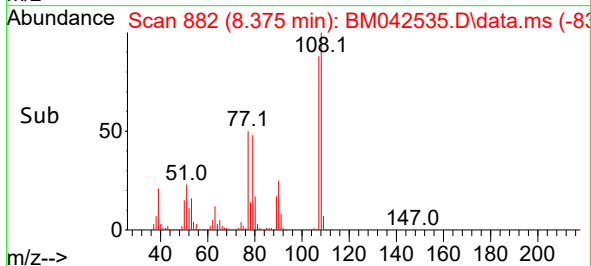
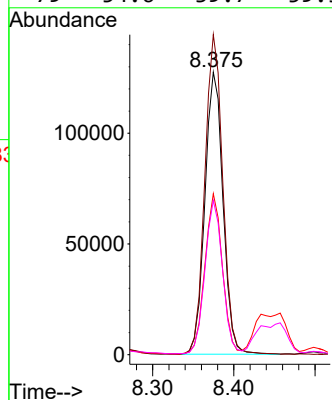
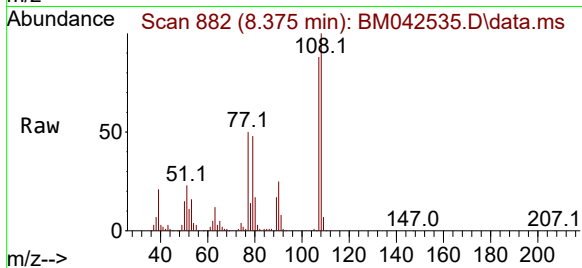
Ion Ratio Lower Upper

107 100

108 113.3 90.4 135.6

77 57.0 40.6 60.8

79 54.6 39.7 59.5



#18

Hexachloroethane

Concen: 49.250 ng

RT: 8.981 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

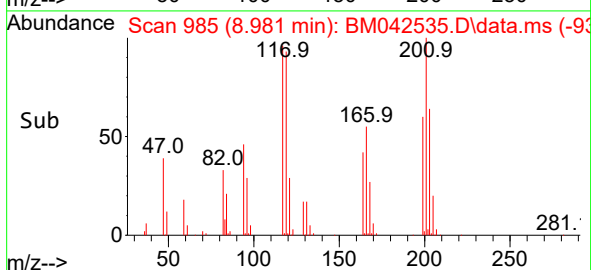
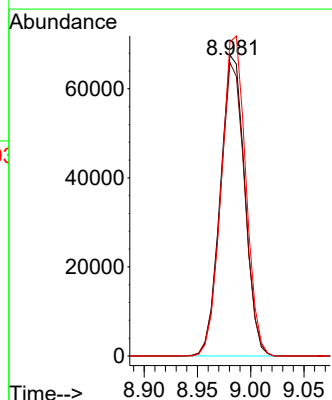
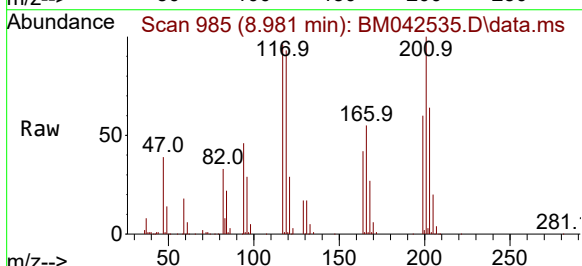
Tgt Ion:117 Resp: 107507

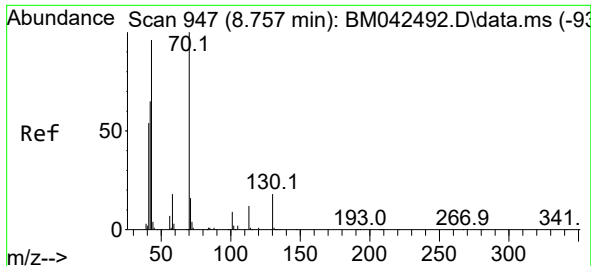
Ion Ratio Lower Upper

117 100

119 97.5 77.9 116.9

201 104.4 73.7 110.5

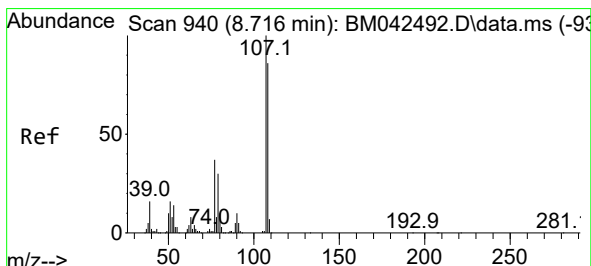
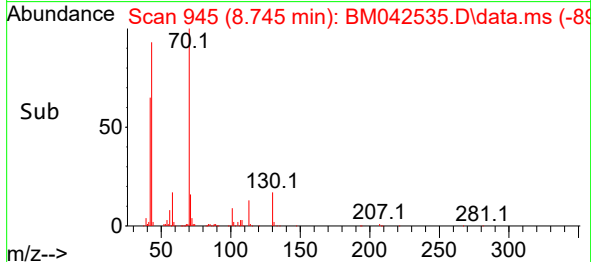
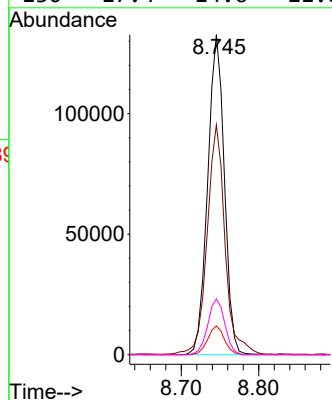
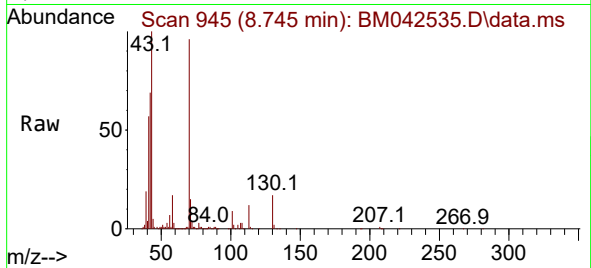




#19
n-Nitroso-di-n-propylamine
Concen: 43.258 ng
RT: 8.745 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

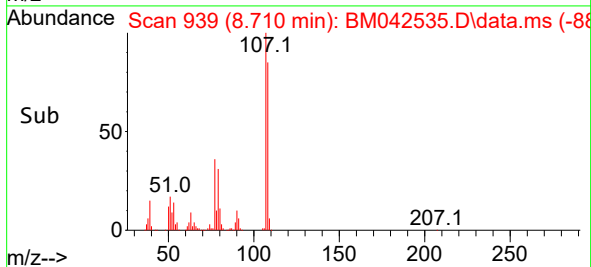
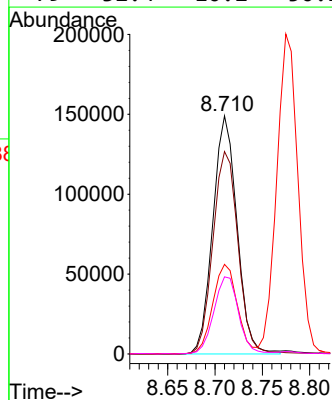
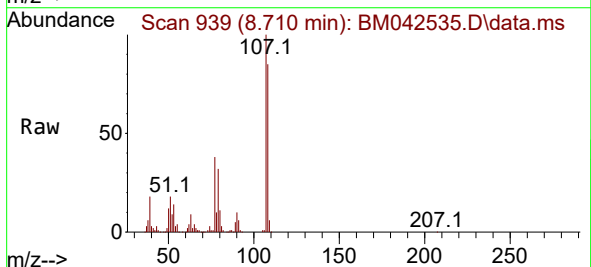
Instrument :
BNA_M
ClientSampleId :
PB156350BS

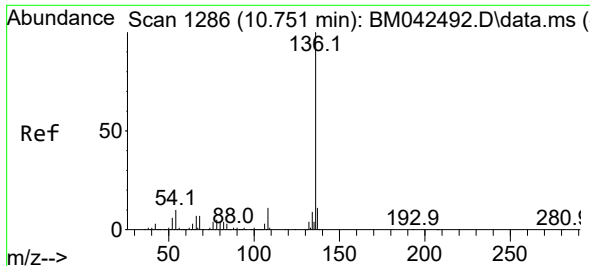
Tgt Ion: 70 Resp: 198524
Ion Ratio Lower Upper
70 100
42 71.8 52.5 78.7
101 9.0 7.0 10.4
130 17.4 14.6 21.8



#20
3+4-Methylphenols
Concen: 42.358 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 107 Resp: 264195
Ion Ratio Lower Upper
107 100
108 85.0 66.4 106.4
77 37.6 17.6 57.6
79 32.4 10.2 50.2

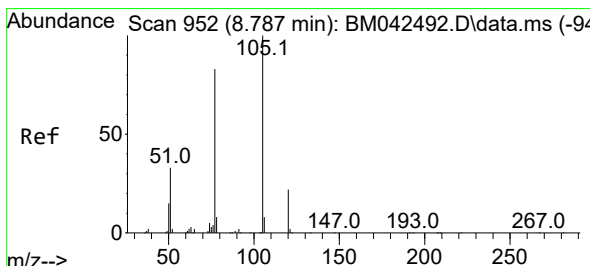
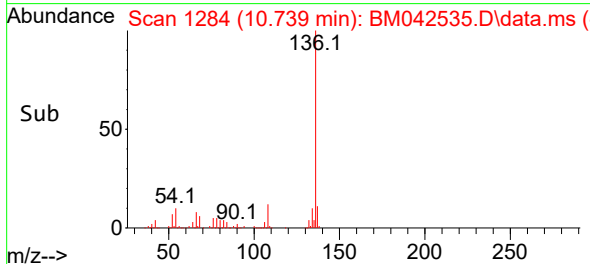
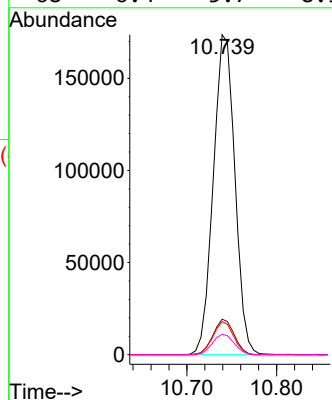
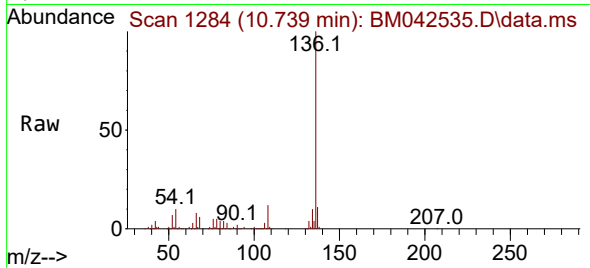




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

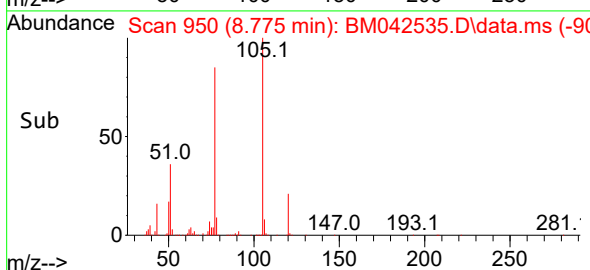
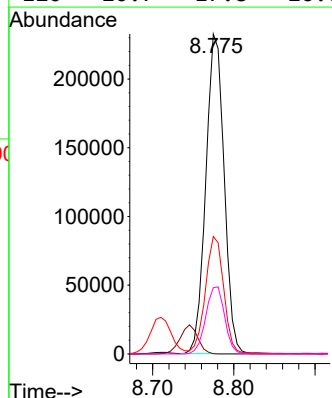
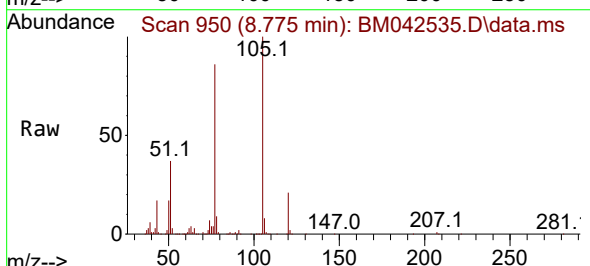
Instrument :
BNA_M
ClientSampleId :
PB156350BS

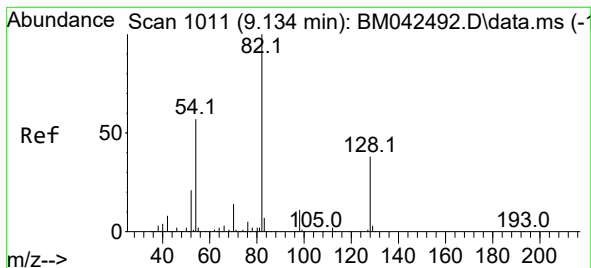
Tgt Ion:136 Resp: 289914
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.4 8.0 12.0
68 6.4 5.7 8.5



#22
Acetophenone
Concen: 49.714 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:105 Resp: 363494
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 36.7 27.6 41.4
120 20.7 17.8 26.6

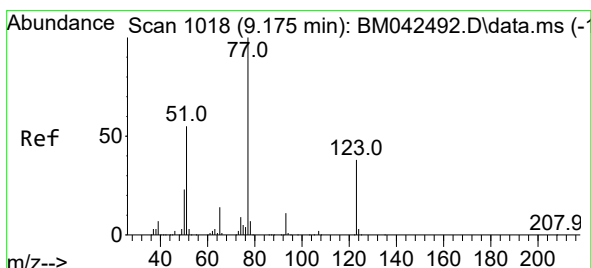
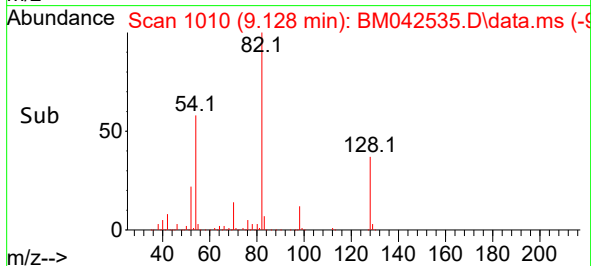
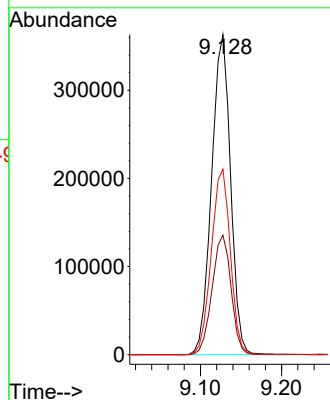
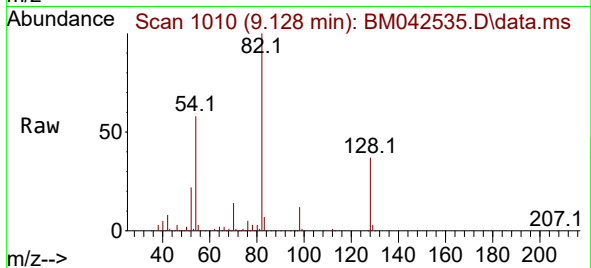




#23
Nitrobenzene-d5
Concen: 94.654 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

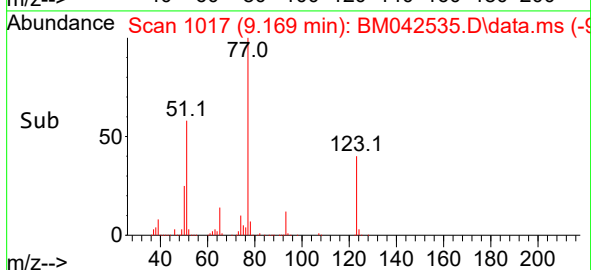
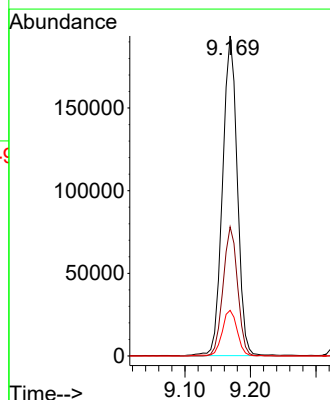
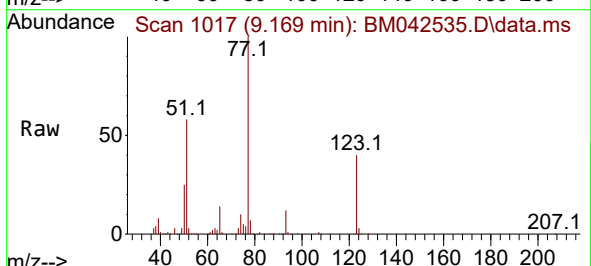
Instrument :
BNA_M
ClientSampleId :
PB156350BS

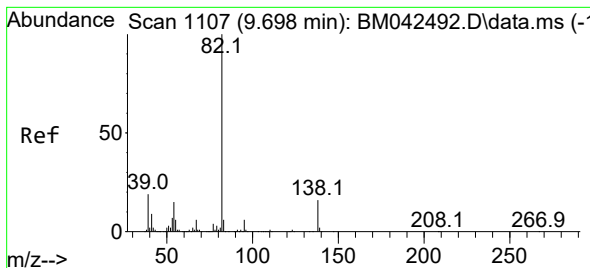
Tgt Ion: 82 Resp: 588668
Ion Ratio Lower Upper
82 100
128 37.4 30.7 46.1
54 57.9 45.3 67.9



#24
Nitrobenzene
Concen: 49.044 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 77 Resp: 300422
Ion Ratio Lower Upper
77 100
123 40.3 30.6 46.0
65 14.2 10.8 16.2





#25

Isophorone

Concen: 47.911 ng

RT: 9.681 min Scan# 1104

Delta R.T. -0.018 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

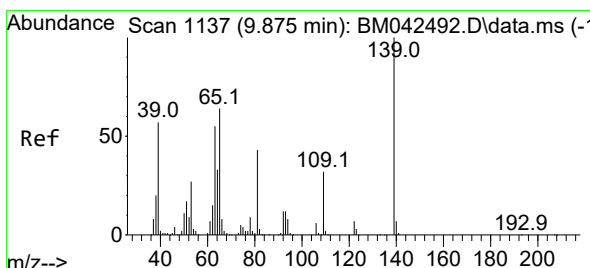
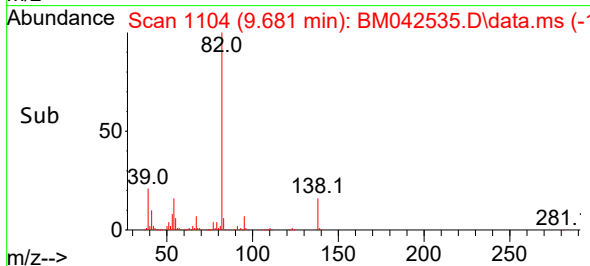
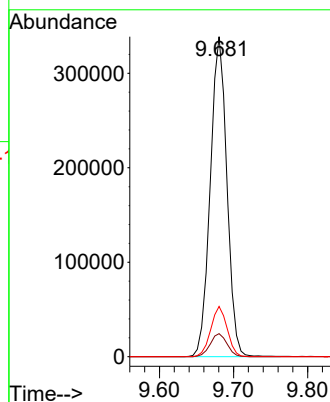
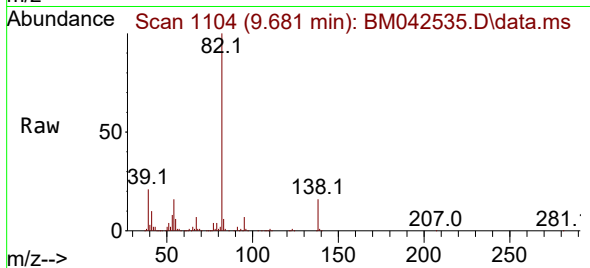
Tgt Ion: 82 Resp: 527392

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 15.7 12.6 18.8



#26

2-Nitrophenol

Concen: 49.163 ng

RT: 9.869 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

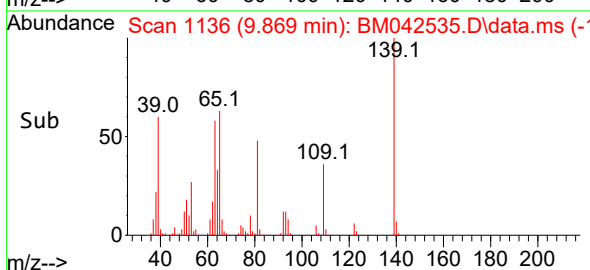
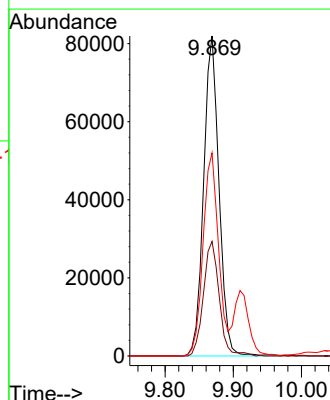
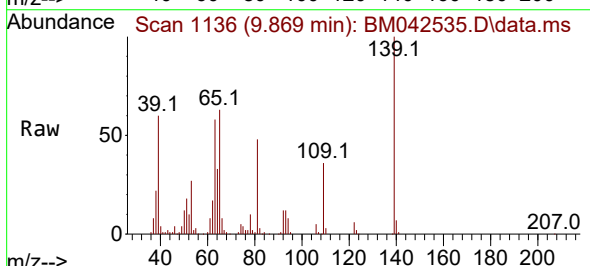
Tgt Ion: 139 Resp: 128302

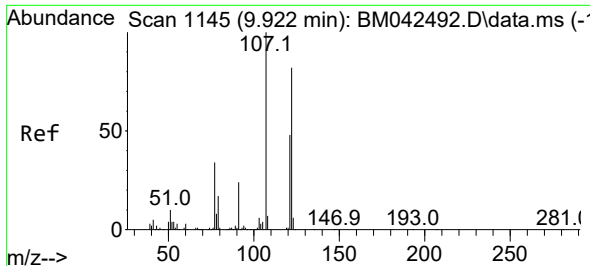
Ion Ratio Lower Upper

139 100

109 35.8 25.2 37.8

65 63.5 51.4 77.0

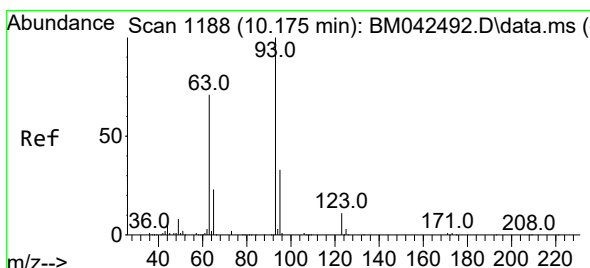
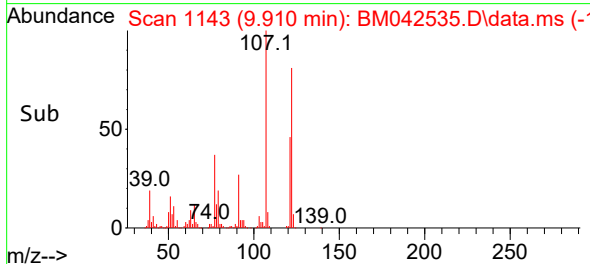
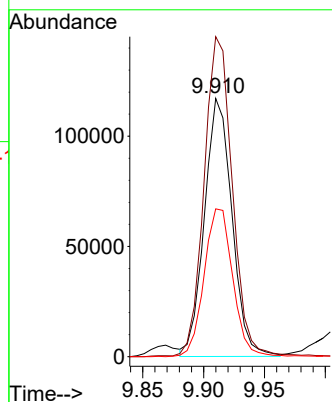
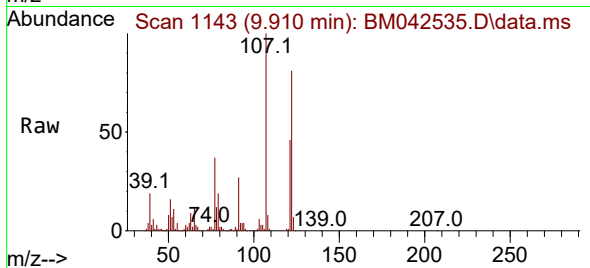




#27
2,4-Dimethylphenol
Concen: 43.919 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

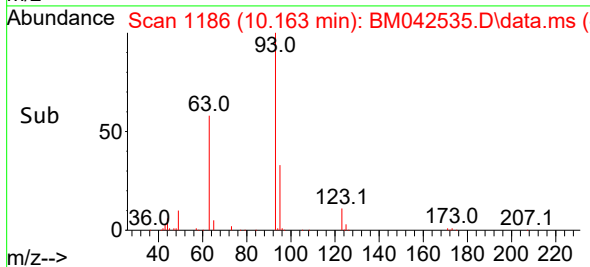
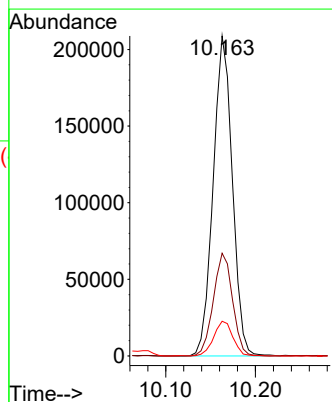
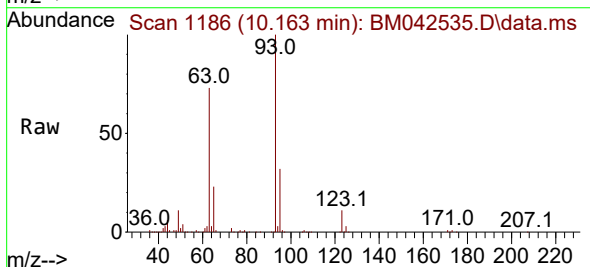
Instrument :
BNA_M
ClientSampleId :
PB156350BS

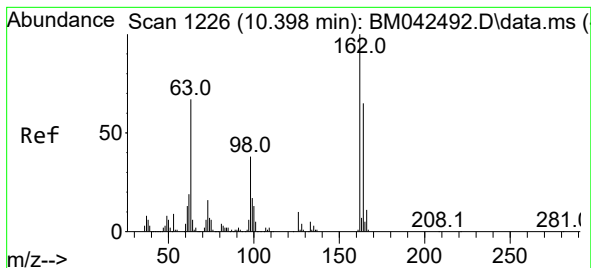
Tgt Ion:122 Resp: 184948
Ion Ratio Lower Upper
122 100
107 123.9 95.4 143.2
121 57.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.755 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 93 Resp: 310068
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 10.8 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.234 ng

RT: 10.392 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

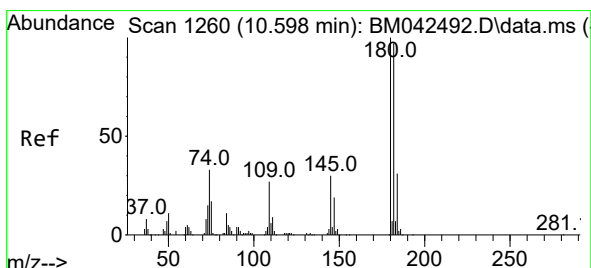
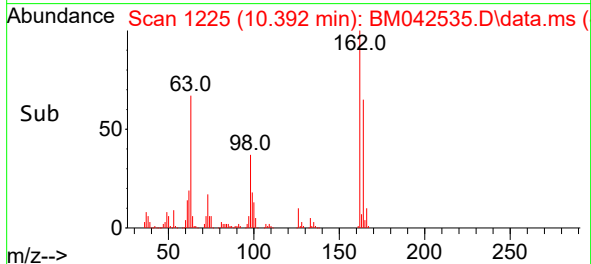
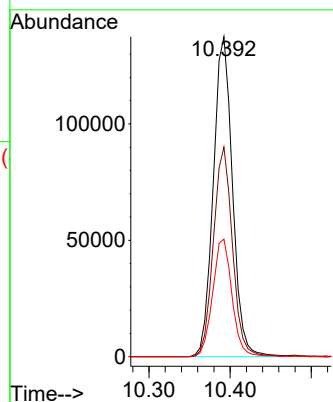
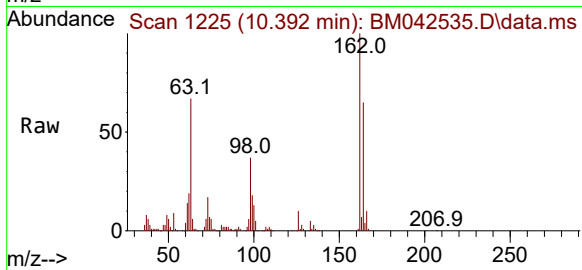
Tgt Ion:162 Resp: 225977

Ion Ratio Lower Upper

162 100

164 65.5 44.9 84.9

98 36.8 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 55.646 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

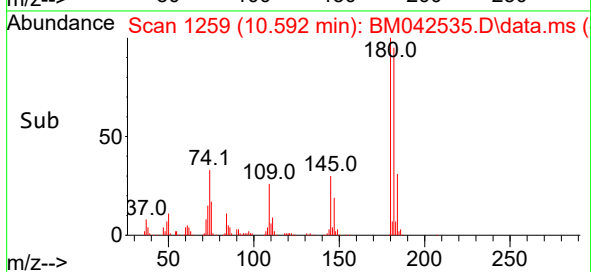
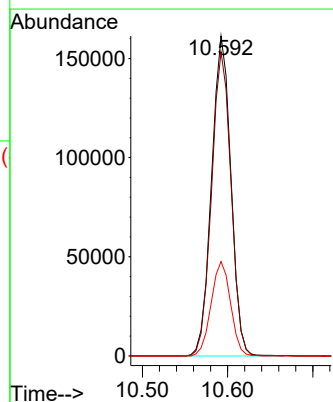
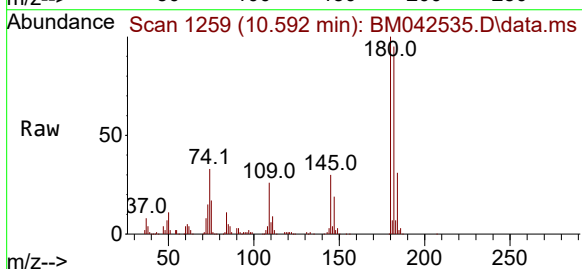
Tgt Ion:180 Resp: 254100

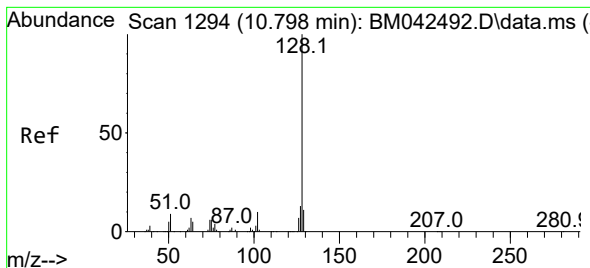
Ion Ratio Lower Upper

180 100

182 95.0 77.8 116.8

145 29.5 24.4 36.6

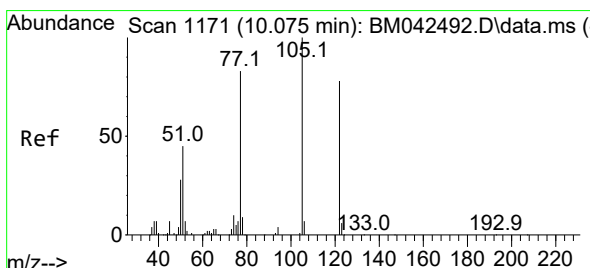
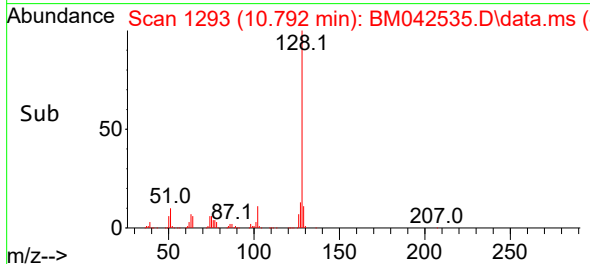
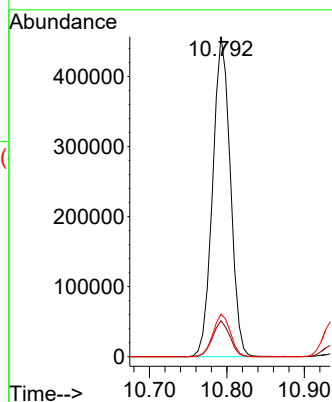
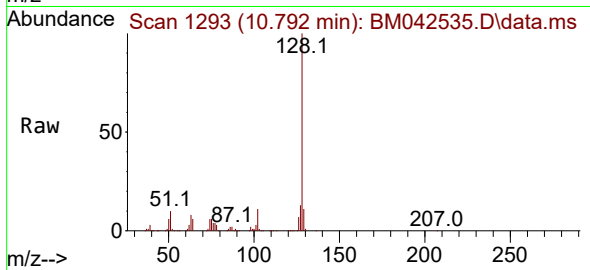




#31
Naphthalene
Concen: 48.306 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

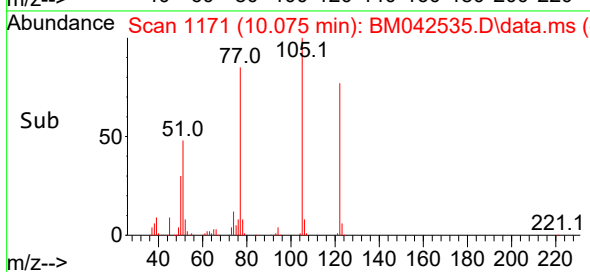
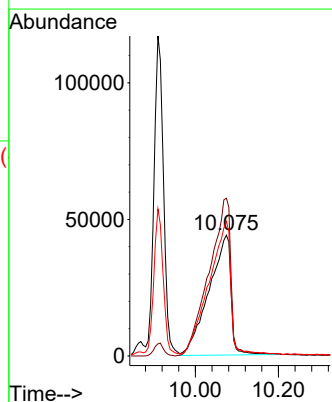
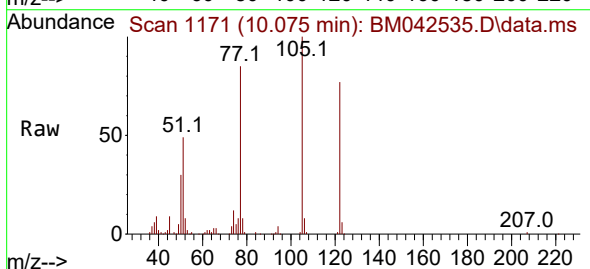
Instrument :
BNA_M
ClientSampleId :
PB156350BS

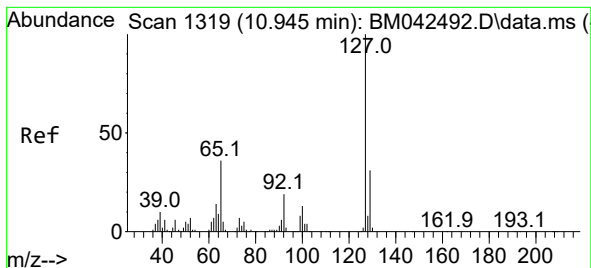
Tgt Ion:128 Resp: 723559
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 47.286 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:122 Resp: 161728
Ion Ratio Lower Upper
122 100
105 130.6 105.2 145.2
77 111.4 84.8 124.8





#33

4-Chloroaniline

Concen: 16.887 ng

RT: 10.933 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

Tgt Ion:127 Resp: 98627

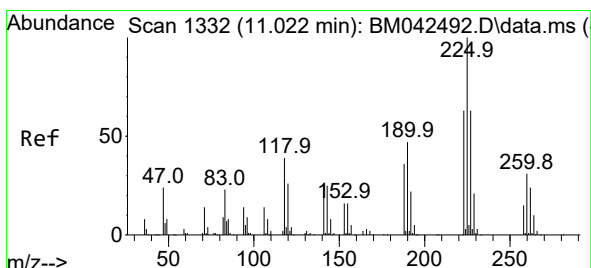
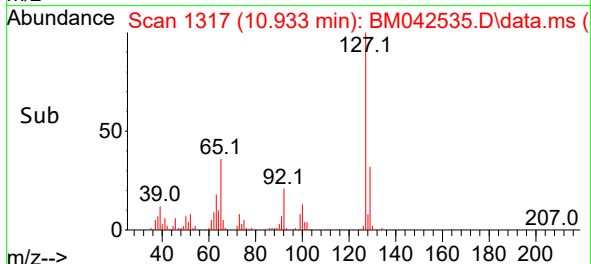
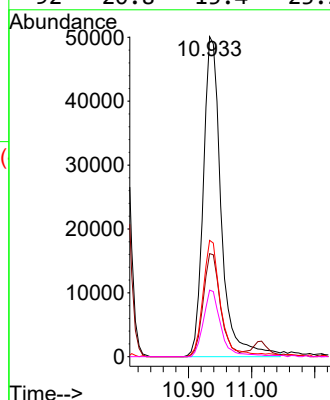
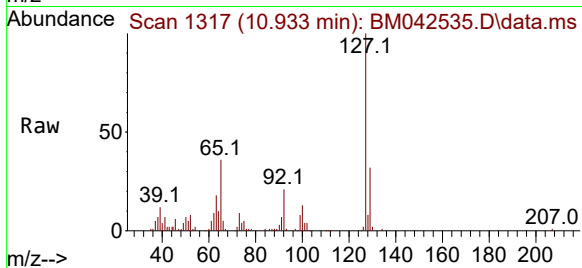
Ion Ratio Lower Upper

127 100

129 32.2 25.0 37.4

65 36.3 29.0 43.4

92 20.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 61.092 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

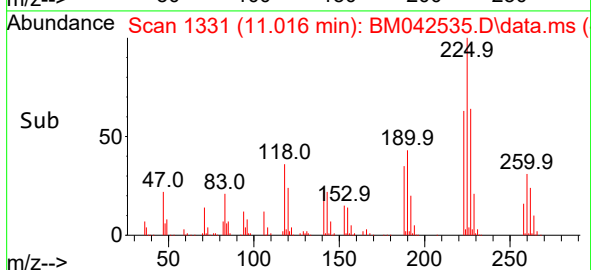
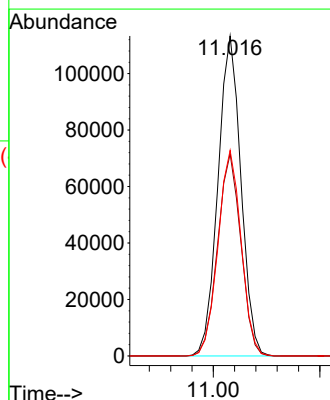
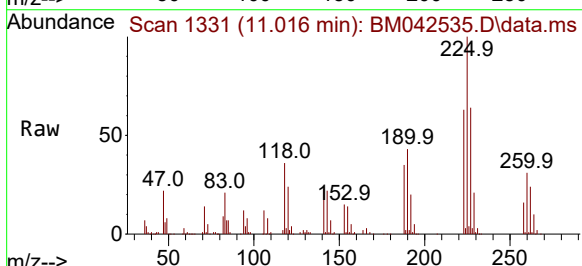
Tgt Ion:225 Resp: 169374

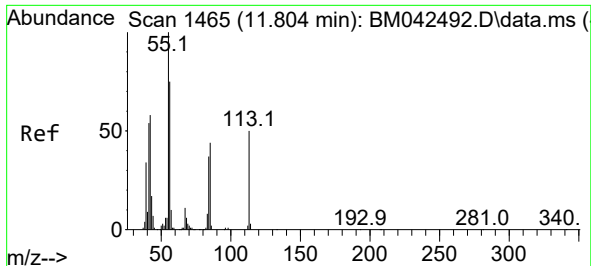
Ion Ratio Lower Upper

225 100

223 63.1 50.0 75.0

227 64.2 50.6 75.8

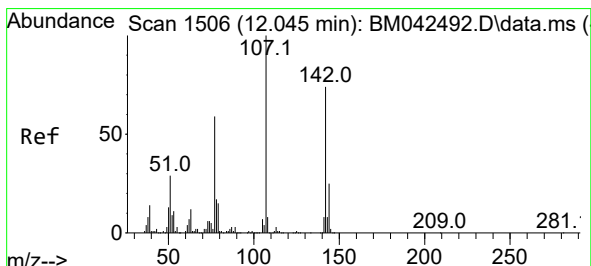
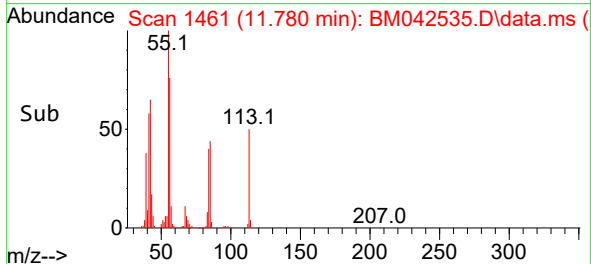
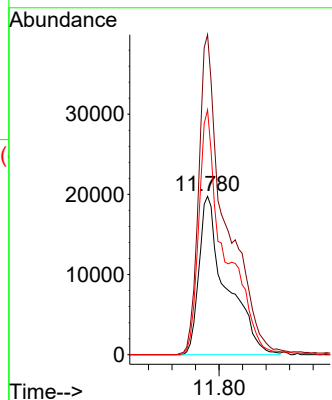
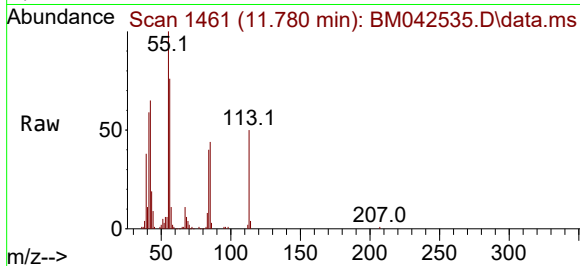




#35
Caprolactam
Concen: 43.486 ng
RT: 11.780 min Scan# 1461
Delta R.T. -0.024 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

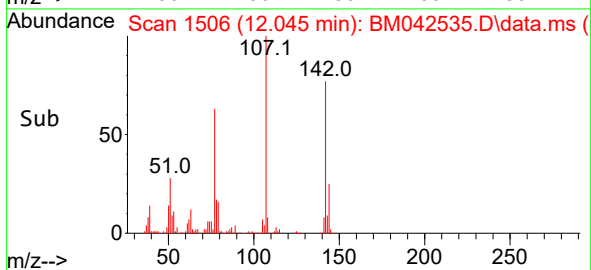
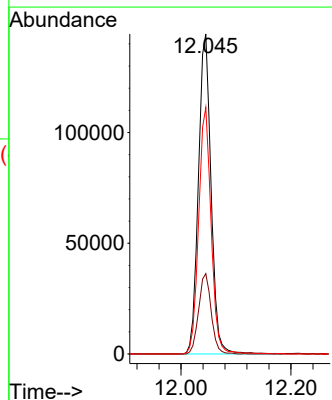
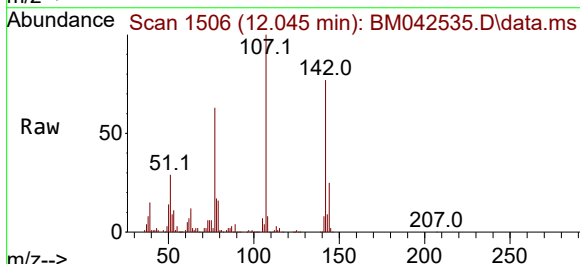
Instrument :
BNA_M
ClientSampleId :
PB156350BS

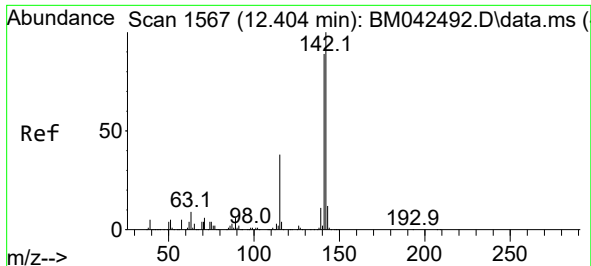
Tgt Ion:113 Resp: 63663
Ion Ratio Lower Upper
113 100
55 202.0 180.9 220.9
56 154.5 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 48.729 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:107 Resp: 231073
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 77.1 59.5 89.3





#37

2-Methylnaphthalene

Concen: 45.888 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

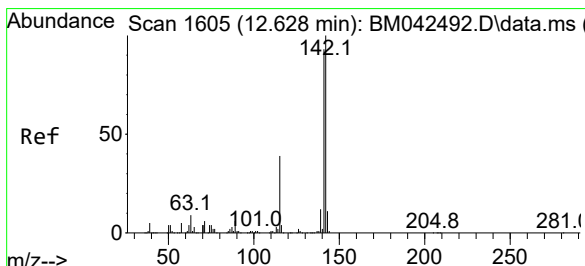
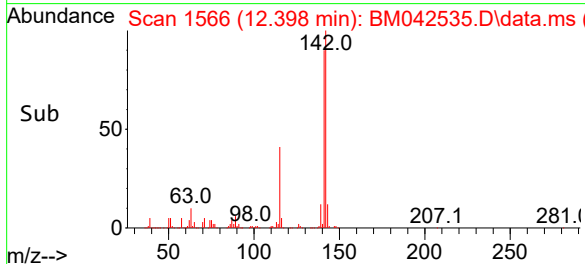
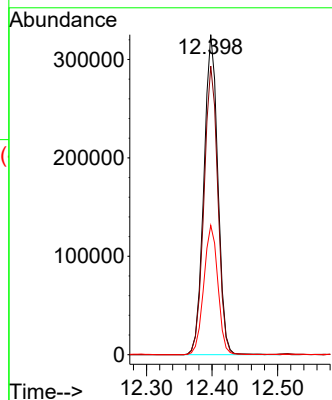
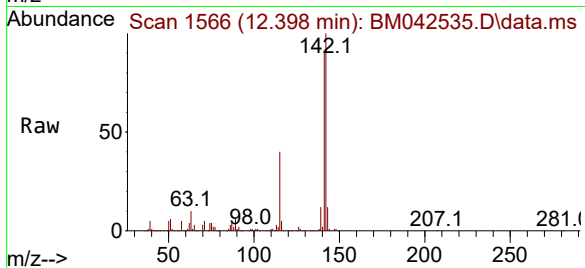
Tgt Ion:142 Resp: 484061

Ion Ratio Lower Upper

142 100

141 90.2 70.9 106.3

115 40.4 30.2 45.2



#38

1-Methylnaphthalene

Concen: 47.320 ng

RT: 12.616 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

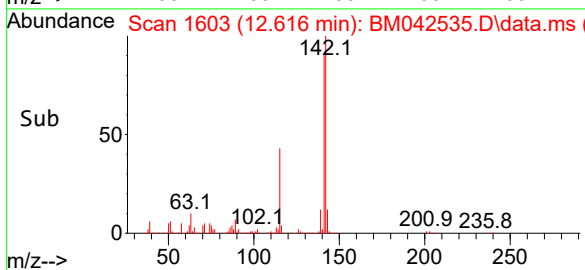
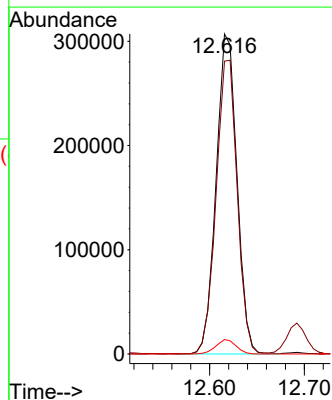
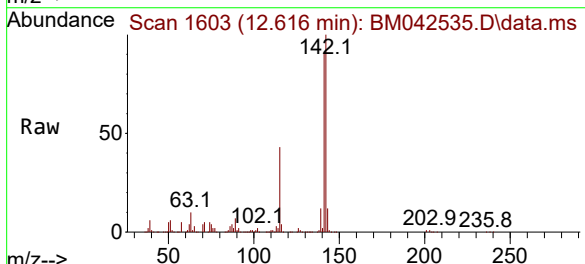
Tgt Ion:142 Resp: 469846

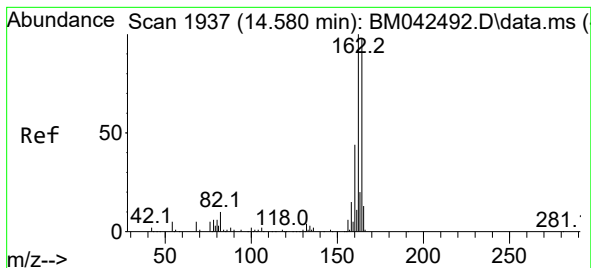
Ion Ratio Lower Upper

142 100

141 91.5 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: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

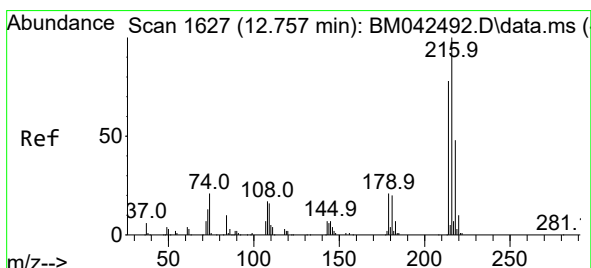
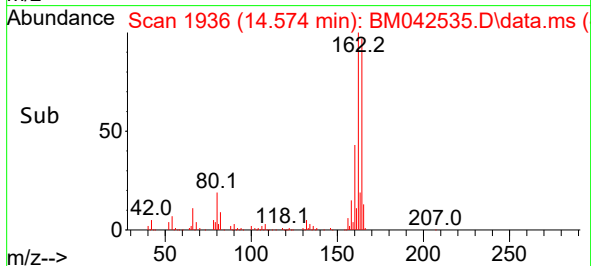
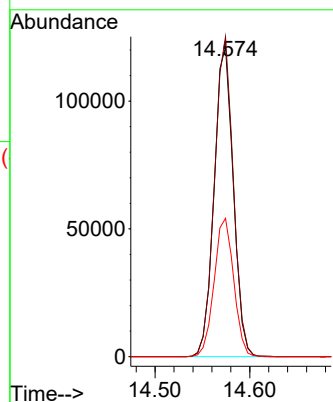
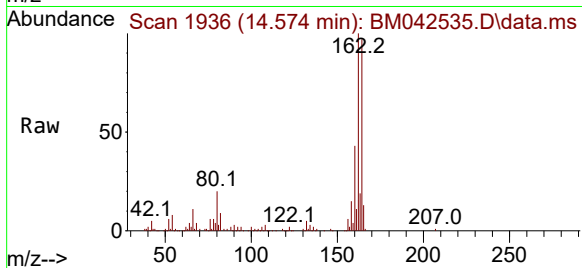
Tgt Ion:164 Resp: 170201

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.812 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Tgt Ion:216 Resp: 288870

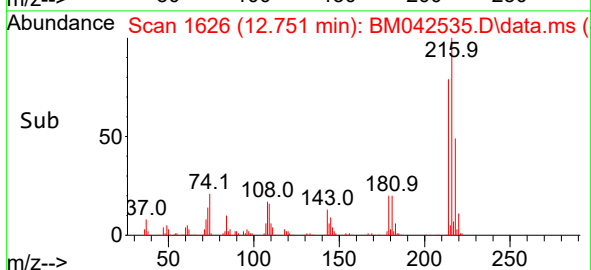
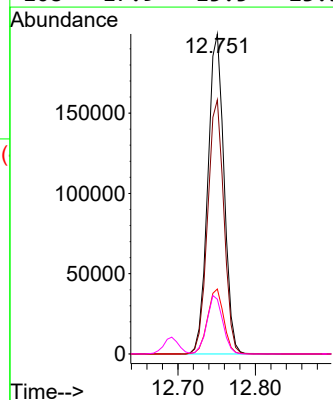
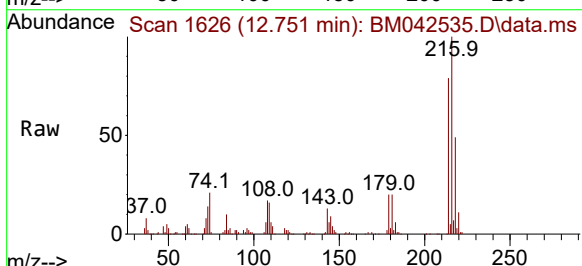
Ion Ratio Lower Upper

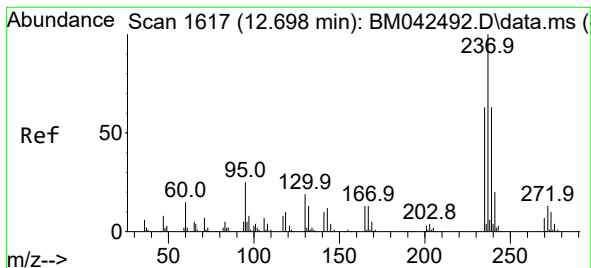
216 100

214 79.4 62.5 93.7

179 20.3 16.7 25.1

108 17.9 15.5 23.3

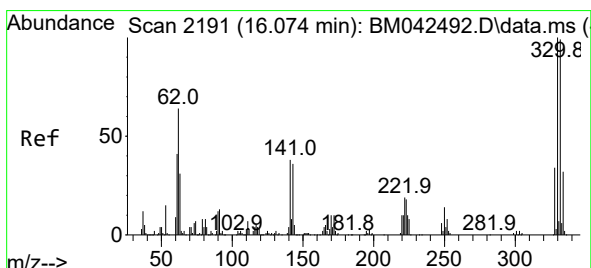
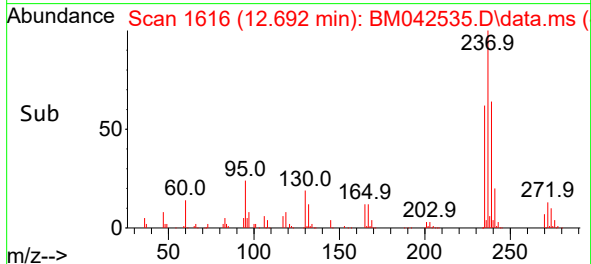
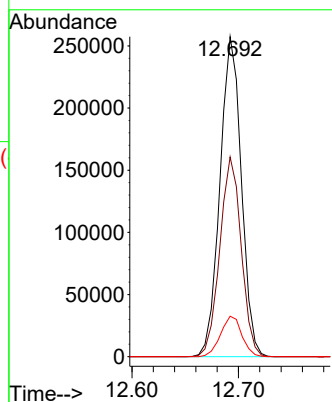
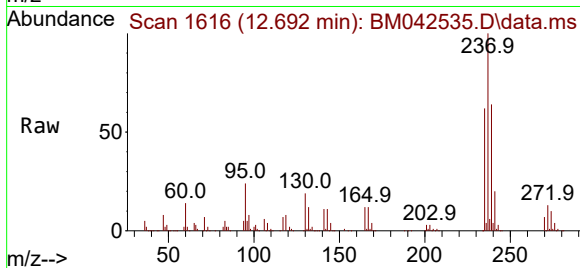




#41
Hexachlorocyclopentadiene
Concen: 114.780 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

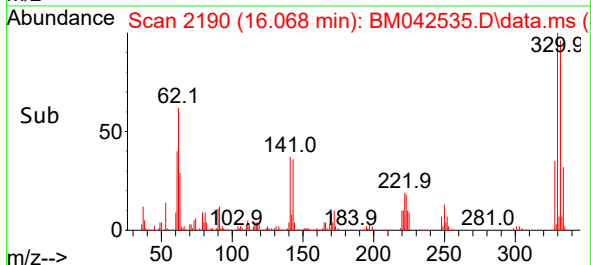
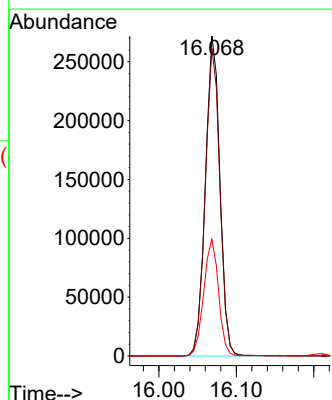
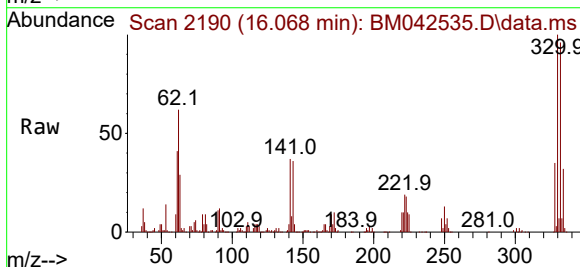
Instrument :
BNA_M
ClientSampleId :
PB156350BS

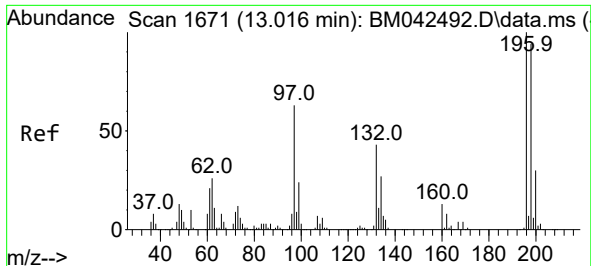
Tgt Ion:237 Resp: 358624
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 12.7 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 159.354 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:330 Resp: 354104
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 37.1 31.1 46.7

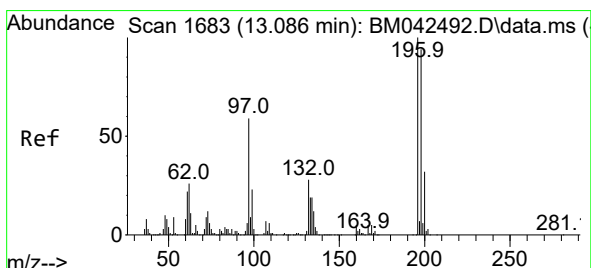
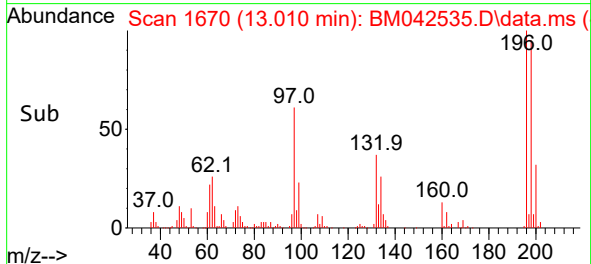
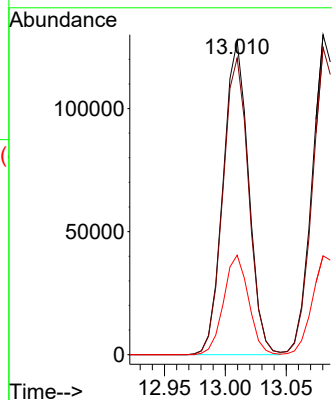
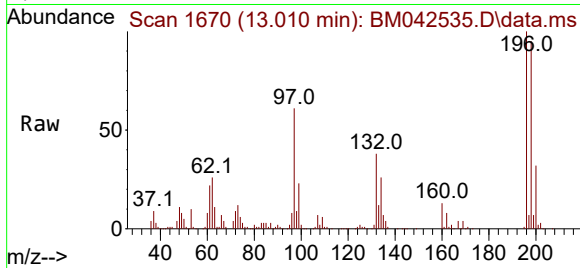




#43
2,4,6-Trichlorophenol
Concen: 56.880 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

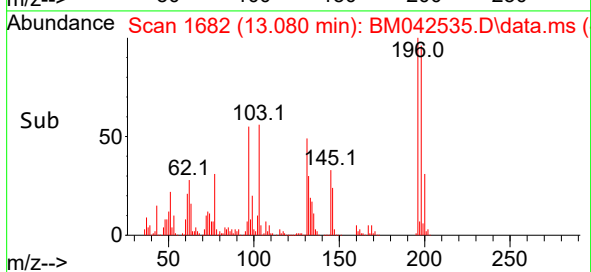
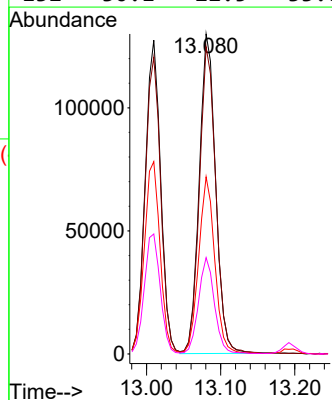
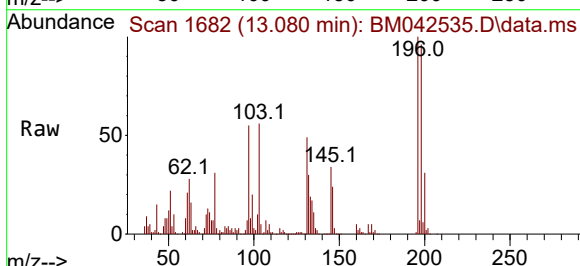
Instrument :
BNA_M
ClientSampleId :
PB156350BS

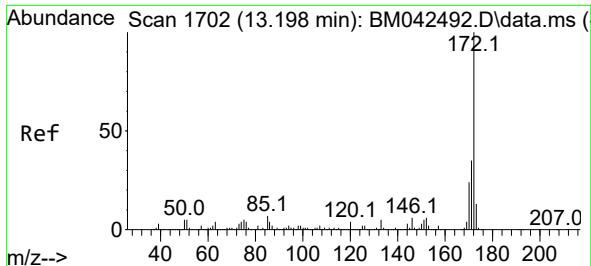
Tgt Ion:196 Resp: 185245
Ion Ratio Lower Upper
196 100
198 94.6 75.2 112.8
200 31.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 51.495 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:196 Resp: 199568
Ion Ratio Lower Upper
196 100
198 96.0 75.1 112.7
97 55.4 47.4 71.0
132 30.1 22.5 33.7

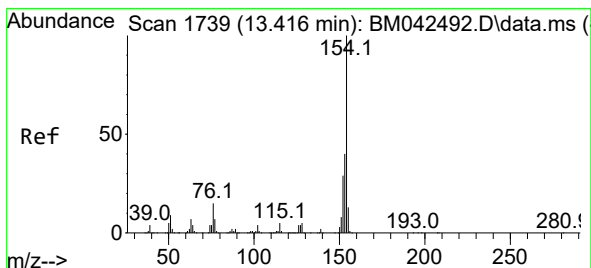
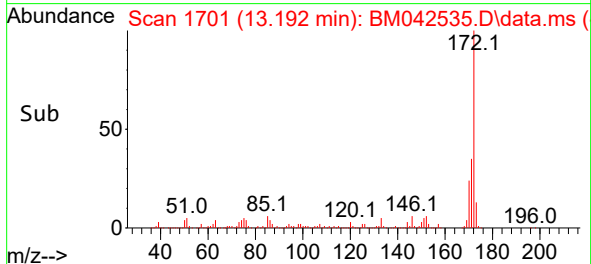
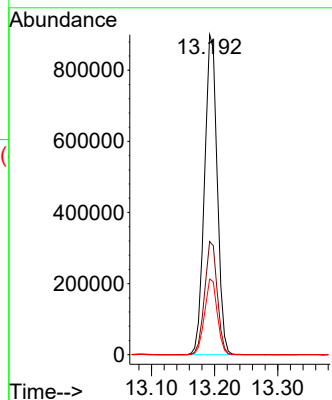
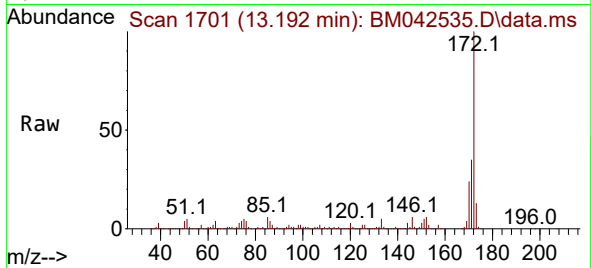




#45
2-Fluorobiphenyl
Concen: 99.321 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

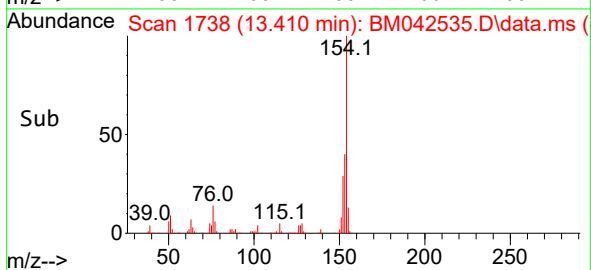
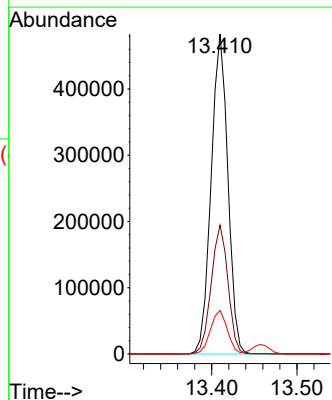
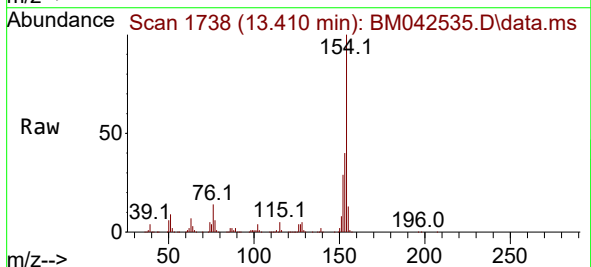
Instrument :
BNA_M
ClientSampleId :
PB156350BS

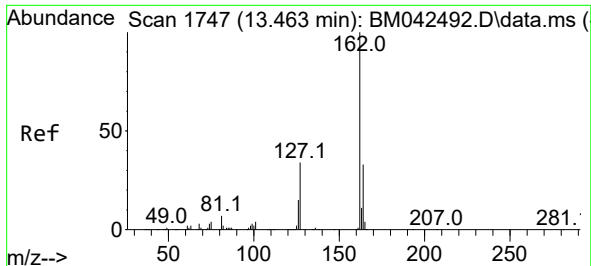
Tgt Ion:172 Resp: 1256284
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 50.556 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:154 Resp: 657756
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 13.6 0.0 35.0

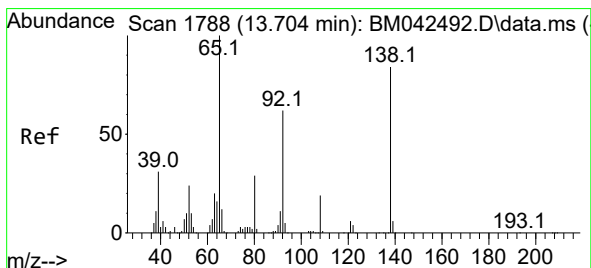
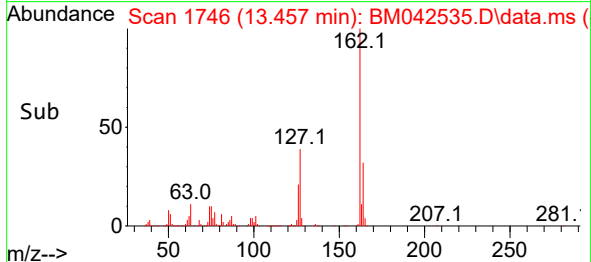
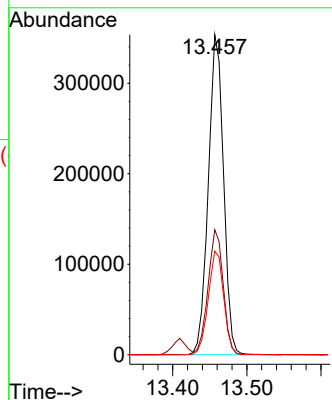
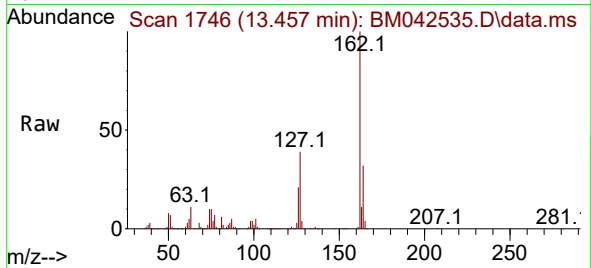




#47
2-Chloronaphthalene
Concen: 52.802 ng
RT: 13.457 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

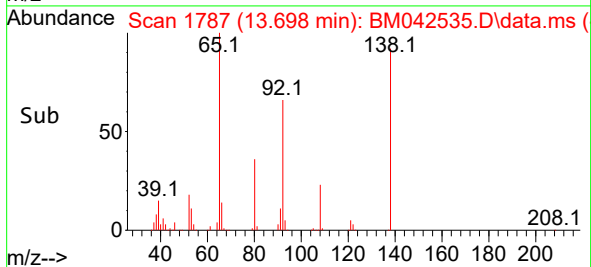
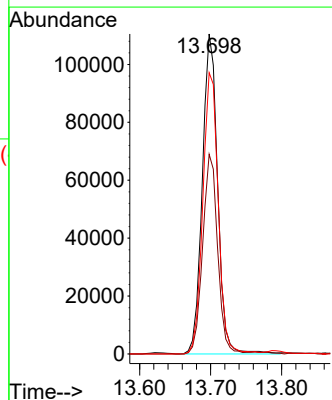
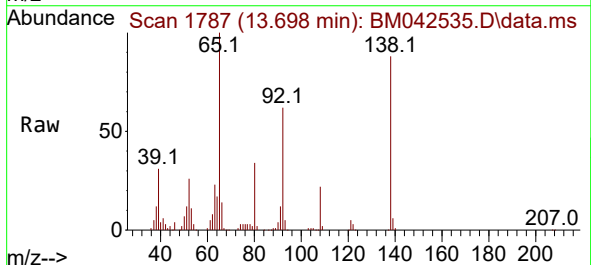
Instrument :
BNA_M
ClientSampleId :
PB156350BS

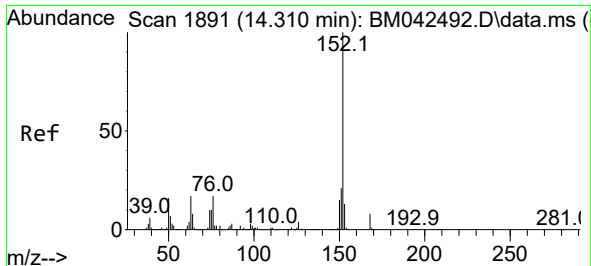
Tgt Ion:162 Resp: 503976
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 32.3 26.2 39.4



#48
2-Nitroaniline
Concen: 43.630 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion: 65 Resp: 166287
Ion Ratio Lower Upper
65 100
92 62.4 49.4 74.2
138 87.9 66.9 100.3

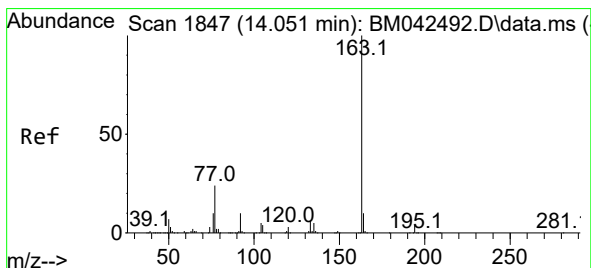
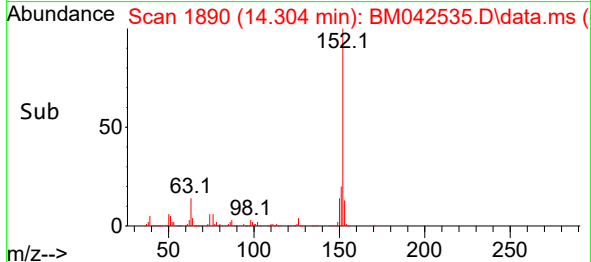
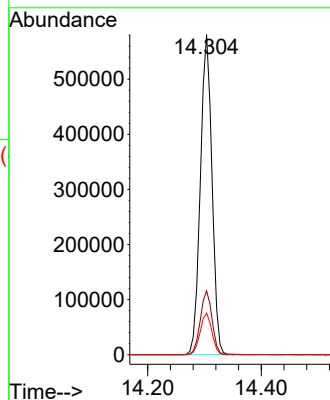
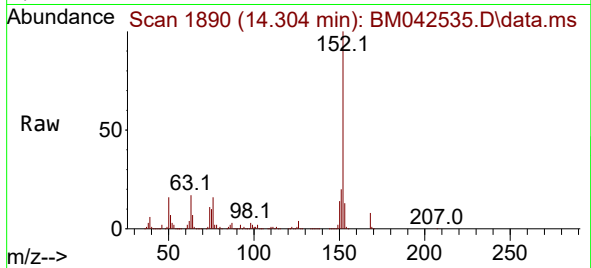




#49
Acenaphthylene
Concen: 52.241 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

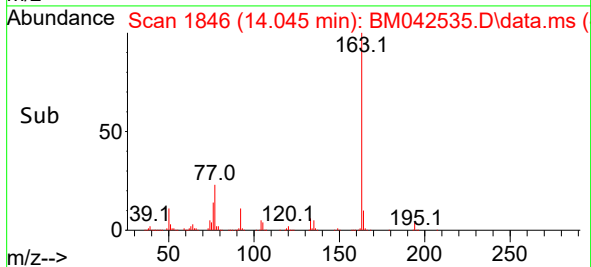
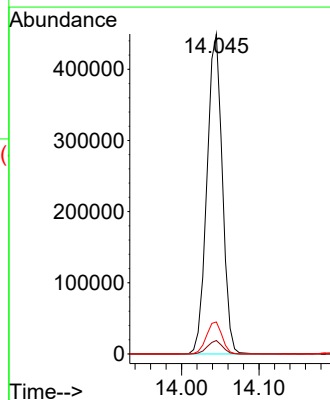
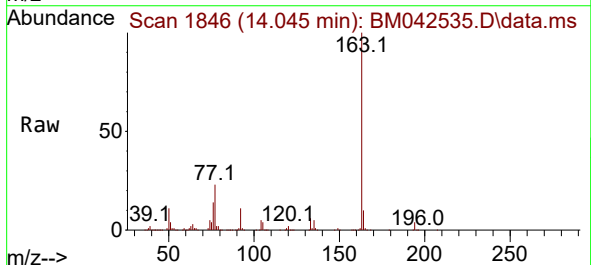
Instrument :
BNA_M
ClientSampleId :
PB156350BS

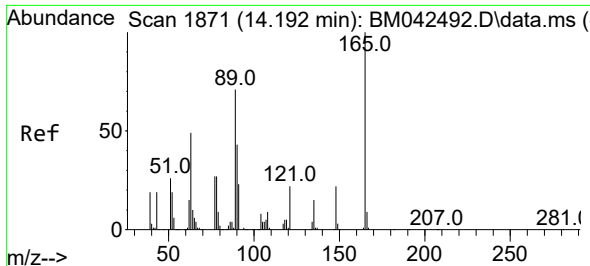
Tgt Ion:152 Resp: 825791
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 48.605 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:163 Resp: 618307
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 50.021 ng

RT: 14.186 min Scan# 1871

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

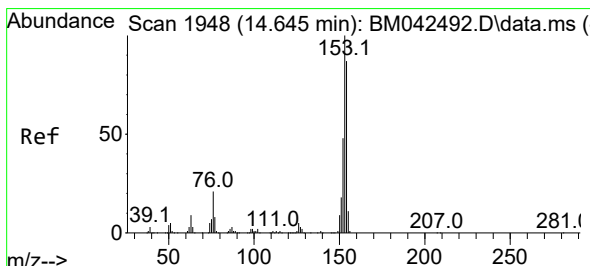
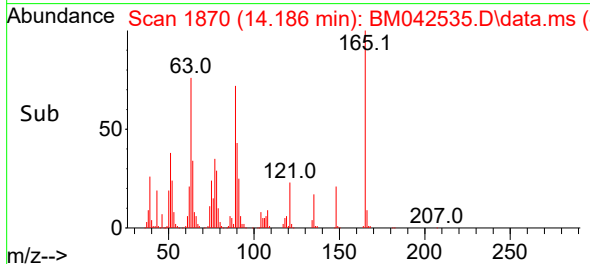
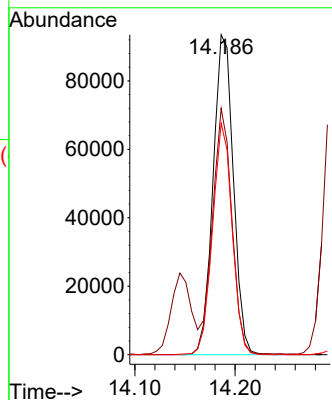
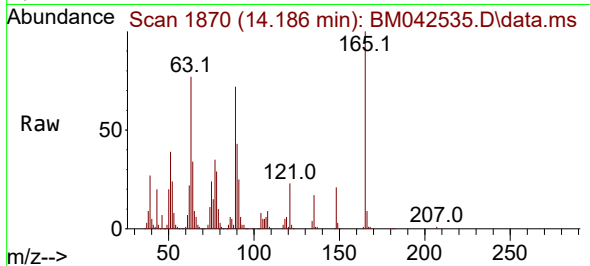
Tgt Ion:165 Resp: 131142

Ion Ratio Lower Upper

165 100

63 76.9 59.4 89.0

89 72.3 57.0 85.6



#52

Acenaphthene

Concen: 48.322 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

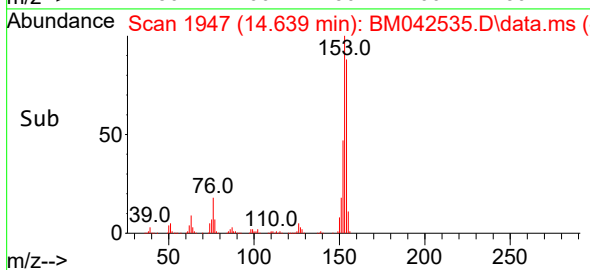
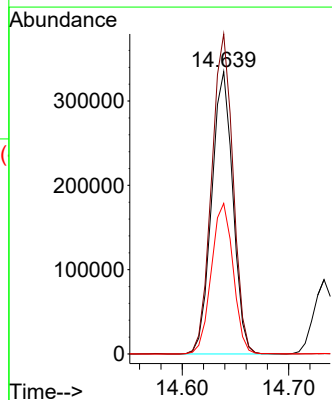
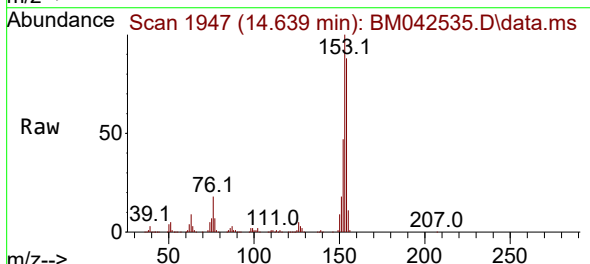
Tgt Ion:154 Resp: 463577

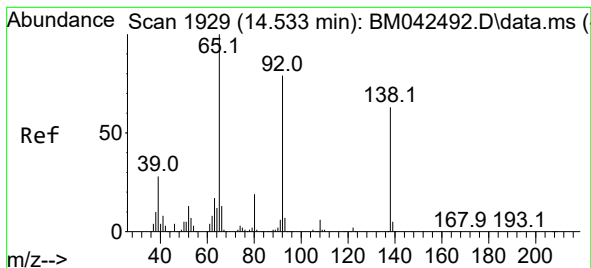
Ion Ratio Lower Upper

154 100

153 113.4 92.0 138.0

152 53.3 44.0 66.0

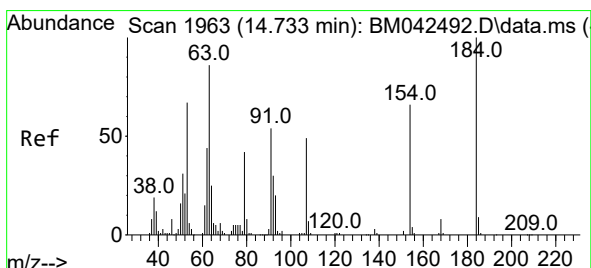
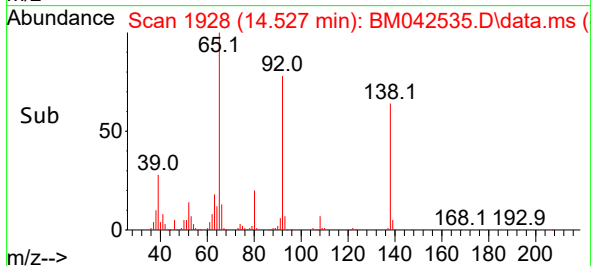
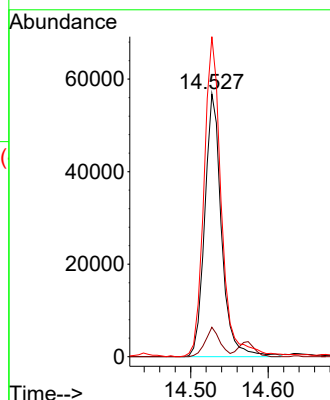
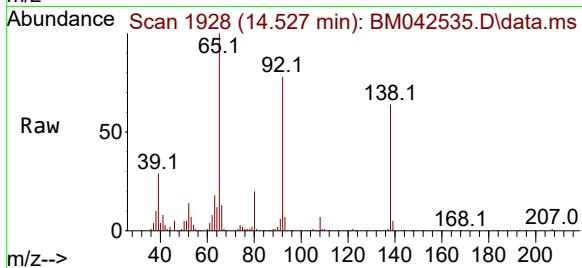




#53
3-Nitroaniline
Concen: 30.765 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

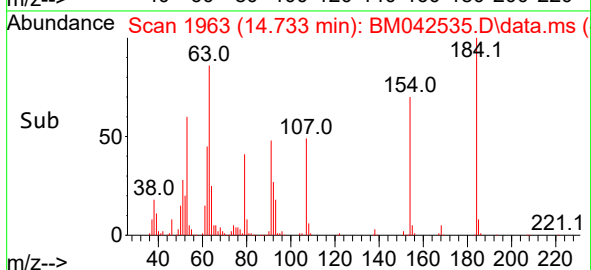
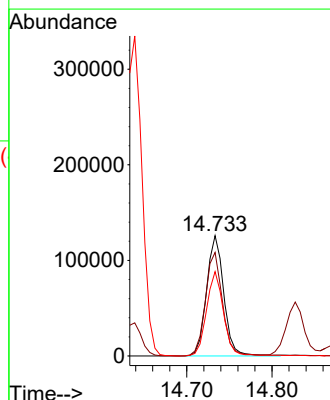
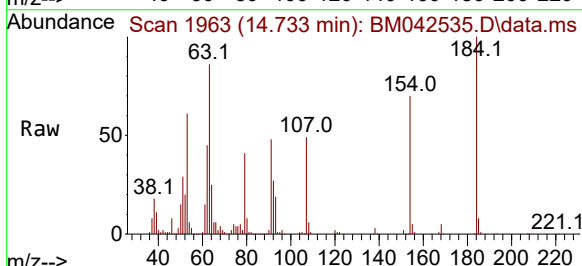
Instrument :
BNA_M
ClientSampleId :
PB156350BS

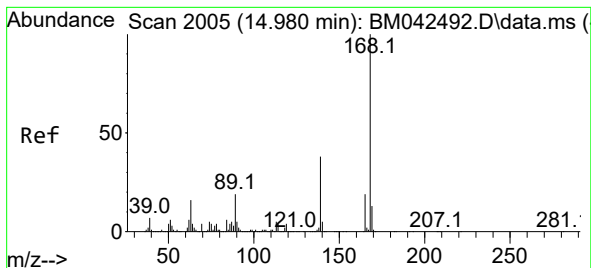
Tgt Ion:138 Resp: 85399
Ion Ratio Lower Upper
138 100
108 11.2 7.9 11.9
92 121.8 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 93.503 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:184 Resp: 176645
Ion Ratio Lower Upper
184 100
63 86.1 69.2 103.8
154 70.0 53.2 79.8





#55

Dibenzenofuran

Concen: 49.157 ng

RT: 14.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

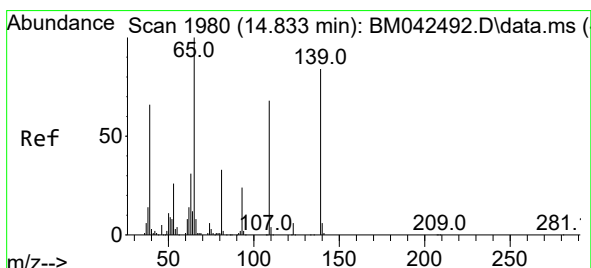
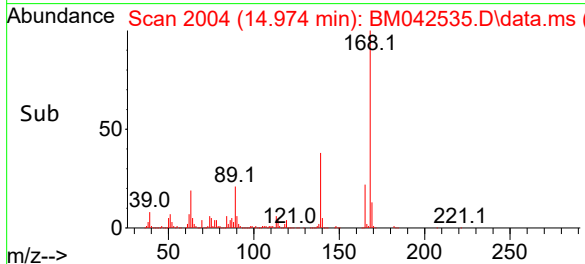
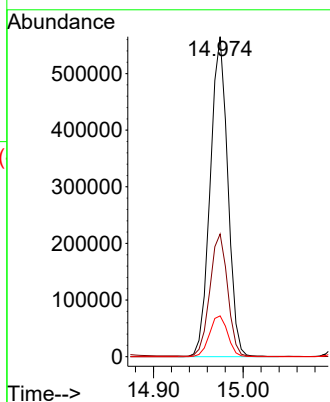
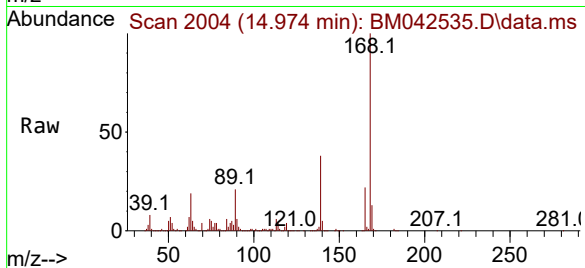
Tgt Ion:168 Resp: 766742

Ion Ratio Lower Upper

168 100

139 38.3 30.4 45.6

169 12.8 10.6 15.8



#56

4-Nitrophenol

Concen: 84.683 ng

RT: 14.827 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

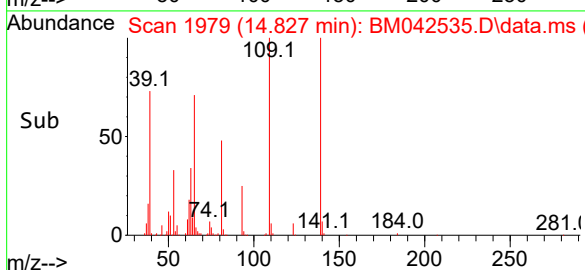
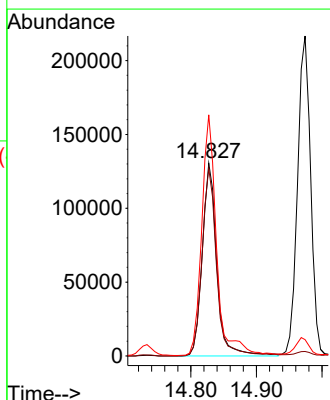
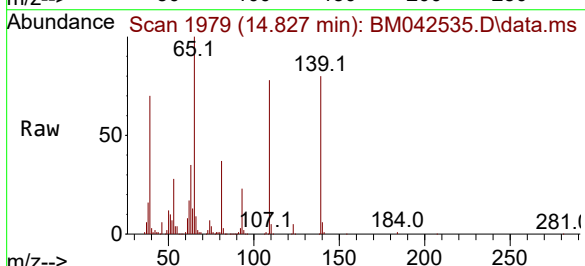
Tgt Ion:139 Resp: 202807

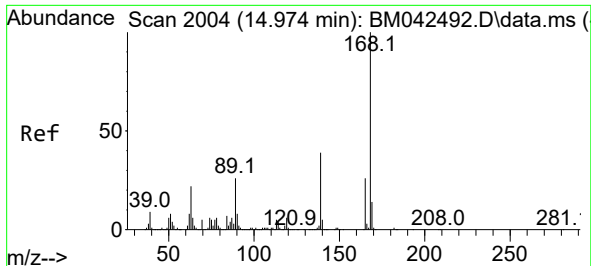
Ion Ratio Lower Upper

139 100

109 97.2 61.3 101.3

65 125.1 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 45.008 ng

RT: 14.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

Tgt Ion:165 Resp: 177743

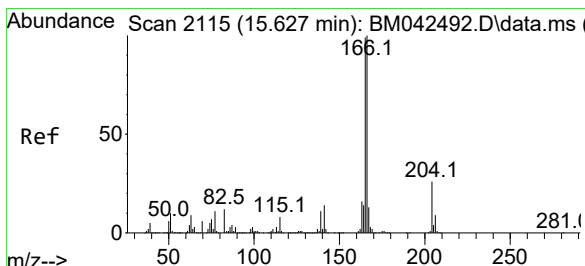
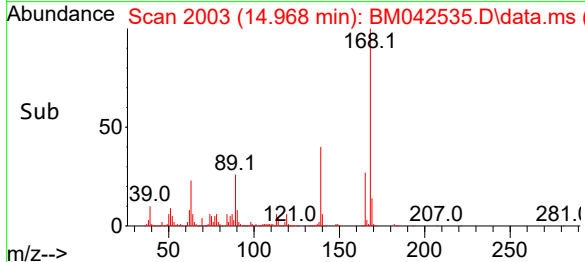
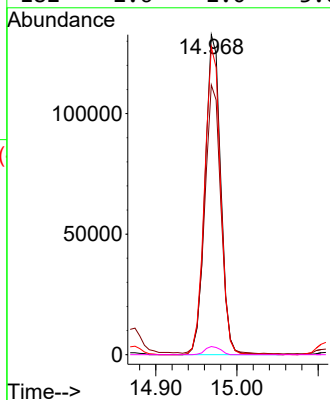
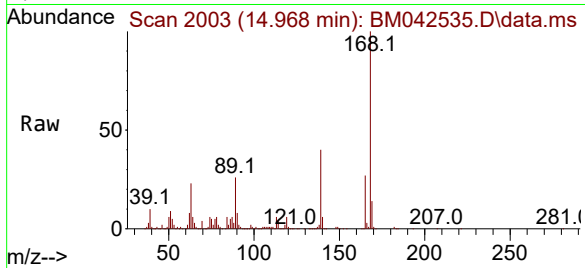
Ion Ratio Lower Upper

165 100

63 84.3 66.7 100.1

89 96.1 80.2 120.4

182 2.6 2.0 3.0



#58

Fluorene

Concen: 49.074 ng

RT: 15.621 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

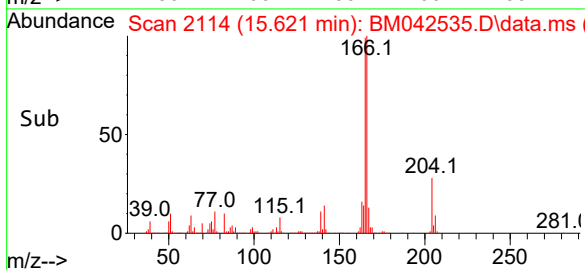
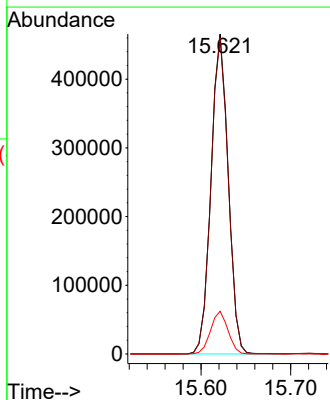
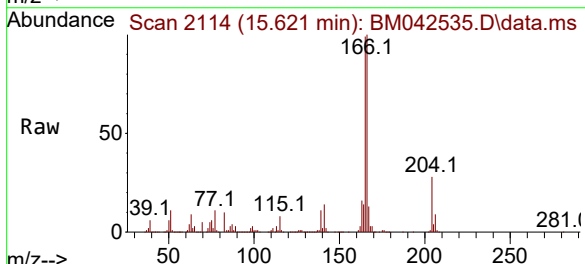
Tgt Ion:166 Resp: 619321

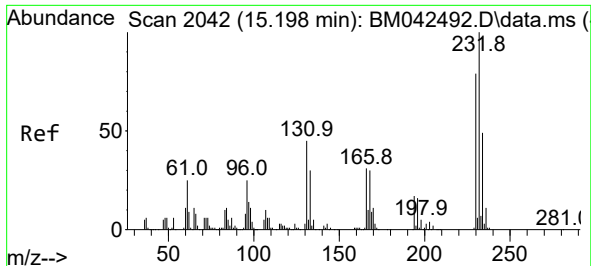
Ion Ratio Lower Upper

166 100

165 98.9 79.3 118.9

167 13.3 10.5 15.7

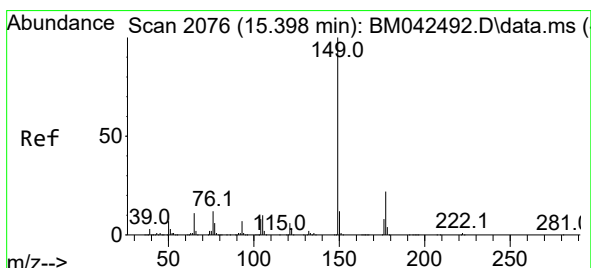
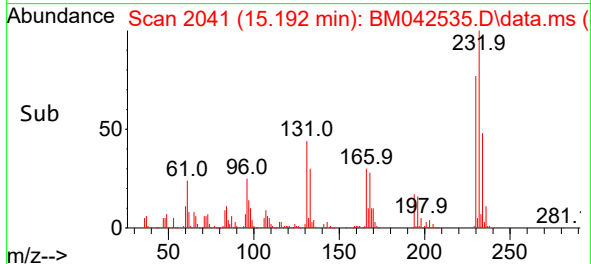
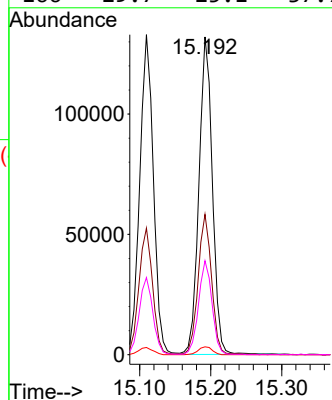
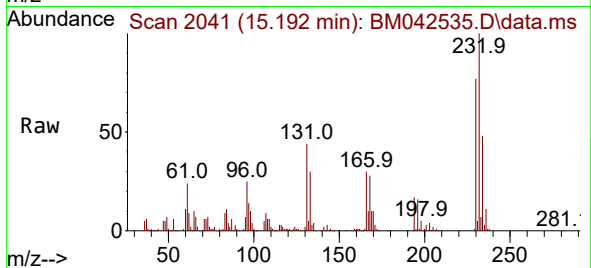




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.365 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

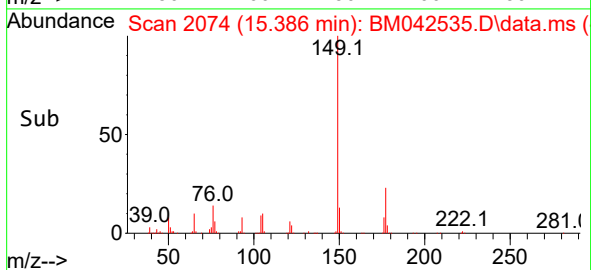
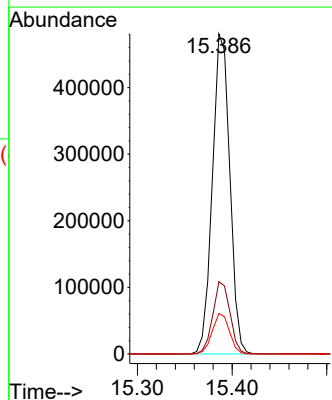
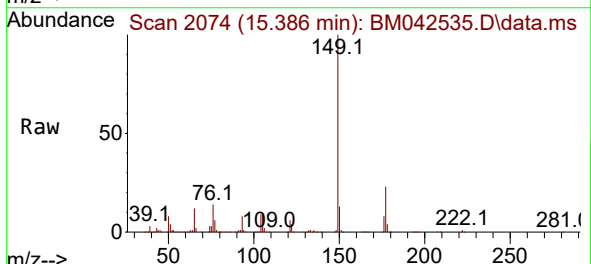
Instrument :
BNA_M
ClientSampleId :
PB156350BS

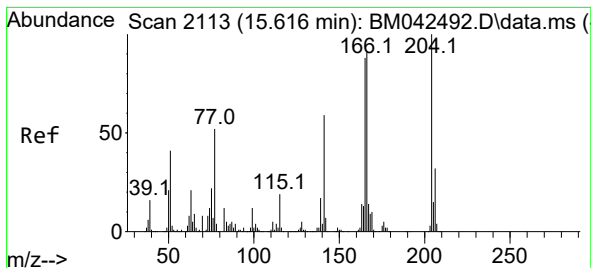
Tgt Ion:232 Resp: 174194
Ion Ratio Lower Upper
232 100
131 44.4 37.2 55.8
130 2.6 2.1 3.1
166 29.7 25.1 37.7



#60
Diethylphthalate
Concen: 47.618 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:149 Resp: 613691
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.7 9.8 14.6

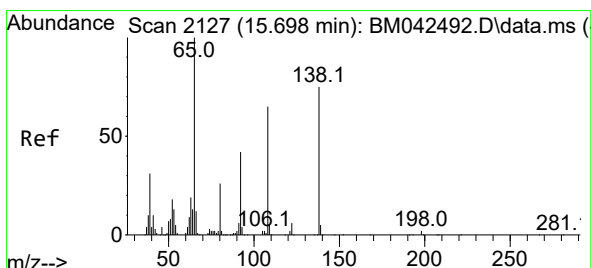
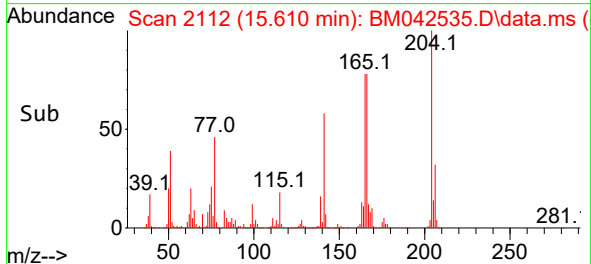
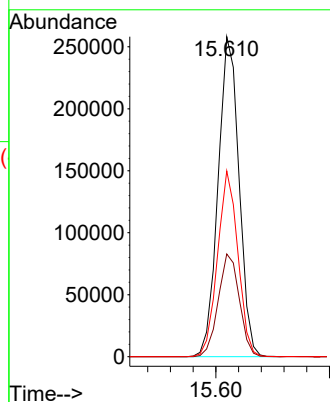
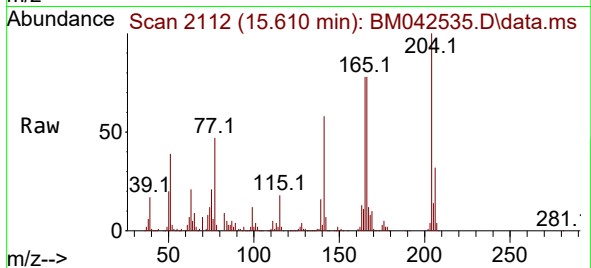




#61
4-Chlorophenyl-phenylether
Concen: 51.904 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

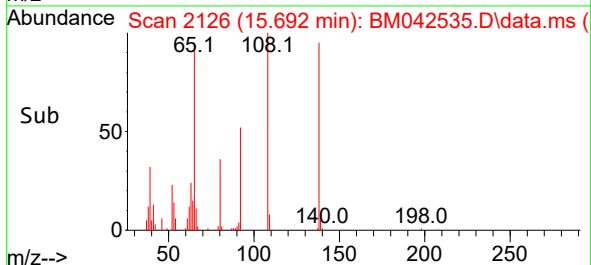
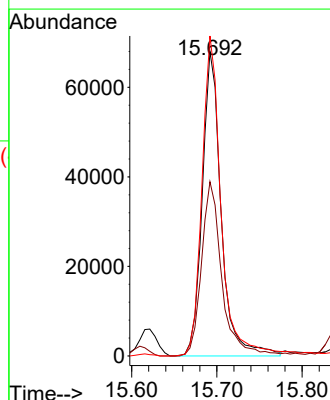
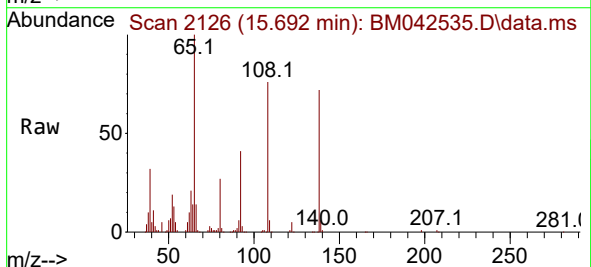
Instrument :
BNA_M
ClientSampleId :
PB156350BS

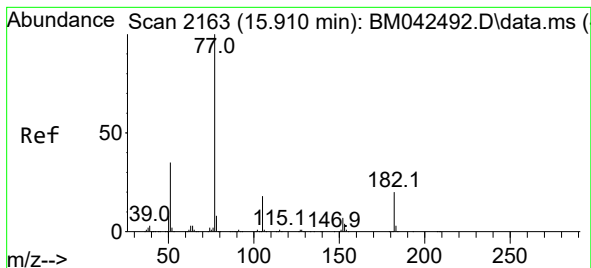
Tgt Ion:204 Resp: 330926
Ion Ratio Lower Upper
204 100
206 32.1 25.9 38.9
141 58.1 46.8 70.2



#62
4-Nitroaniline
Concen: 41.078 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:138 Resp: 105403
Ion Ratio Lower Upper
138 100
92 57.2 37.0 77.0
108 105.1 67.2 107.2





#63

Azobenzene

Concen: 47.385 ng

RT: 15.904 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

Tgt Ion: 77 Resp: 672950

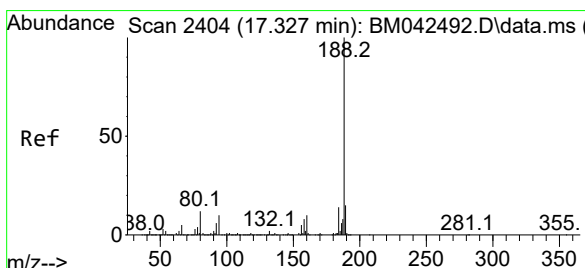
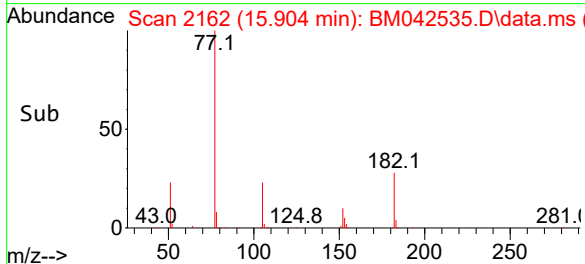
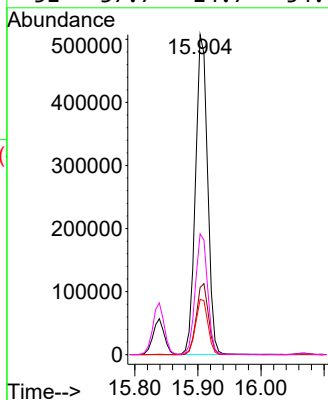
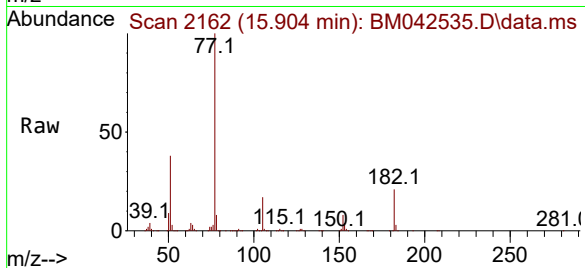
Ion Ratio Lower Upper

77 100

182 21.0 0.0 40.0

105 17.2 0.0 37.9

51 37.7 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: BM042535.D

Acq: 01 Nov 2023 12:19

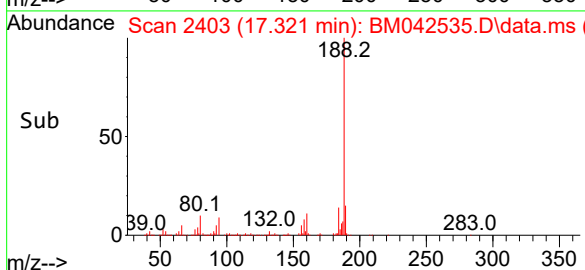
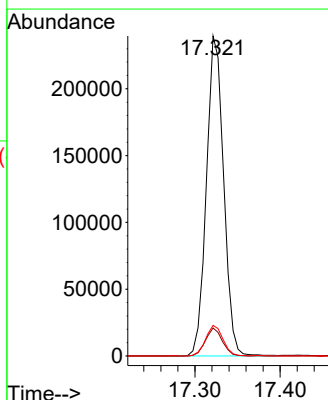
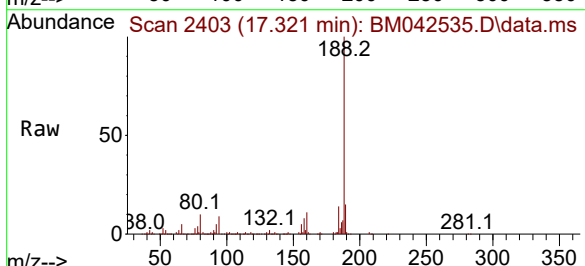
Tgt Ion:188 Resp: 336318

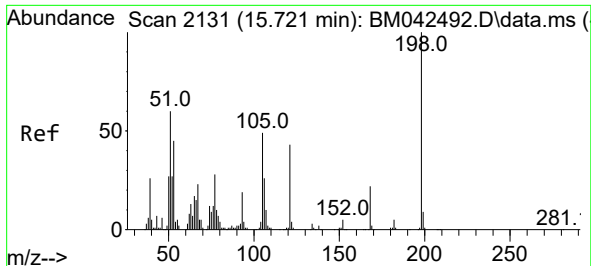
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

80 9.5 9.4 14.2

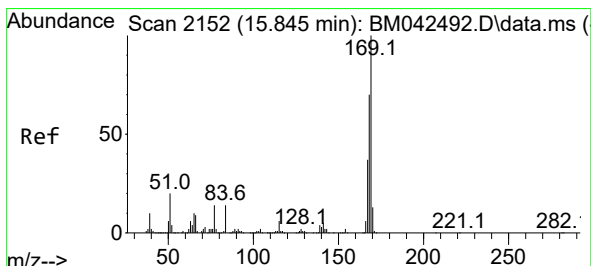
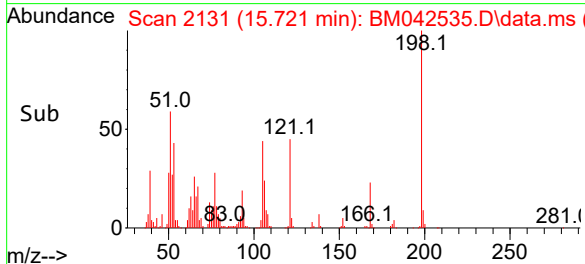
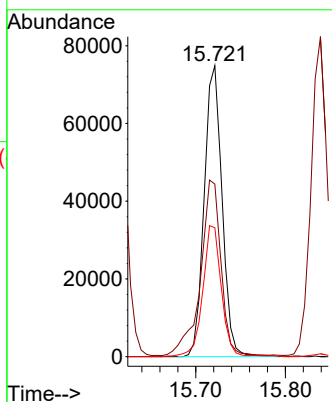
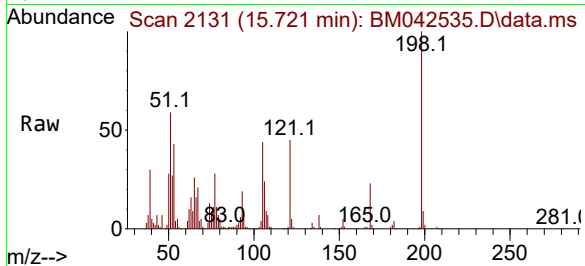




#65
4,6-Dinitro-2-methylphenol
Concen: 47.922 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

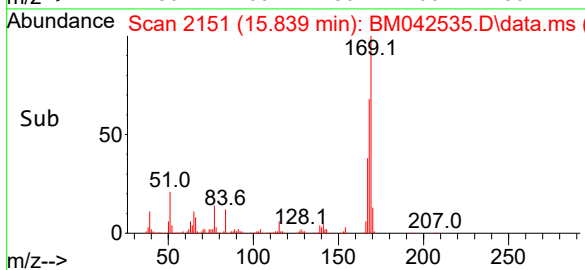
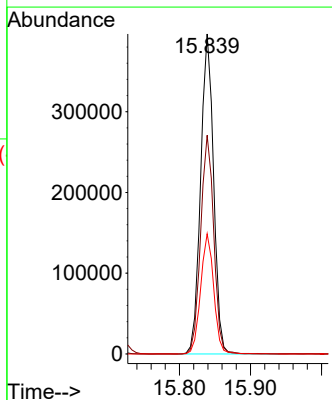
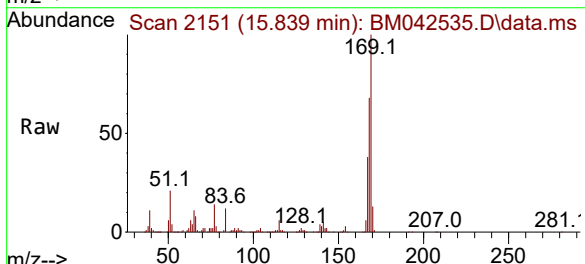
Instrument :
BNA_M
ClientSampleId :
PB156350BS

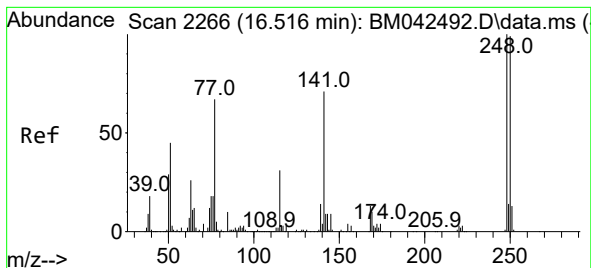
Tgt Ion:198 Resp: 103588
Ion Ratio Lower Upper
198 100
51 59.3 42.4 82.4
105 44.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 53.093 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:169 Resp: 503477
Ion Ratio Lower Upper
169 100
168 68.3 55.9 83.9
167 37.6 29.8 44.8

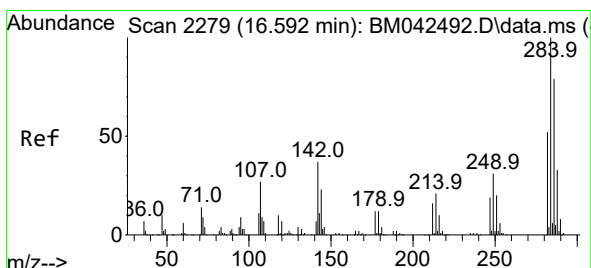
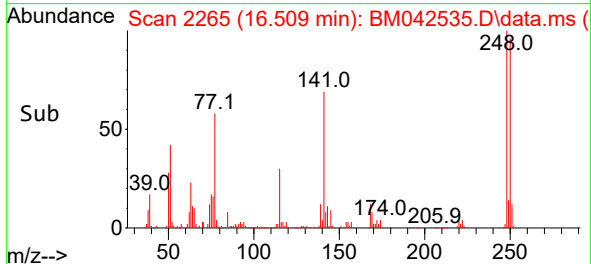
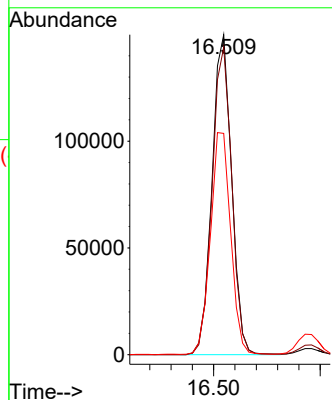
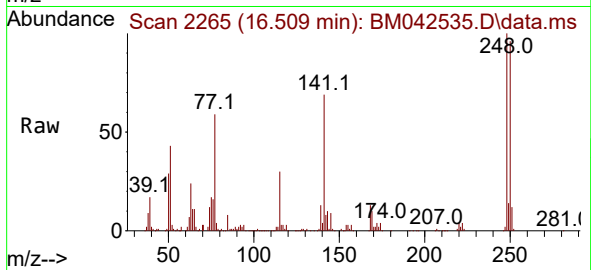




#67
4-Bromophenyl-phenylether
Concen: 56.855 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

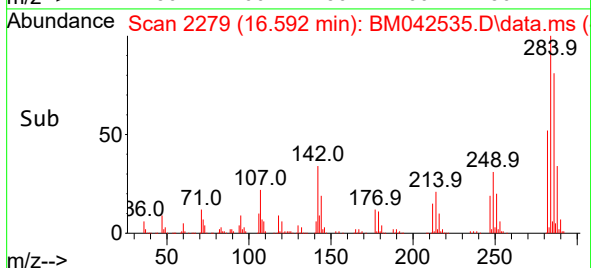
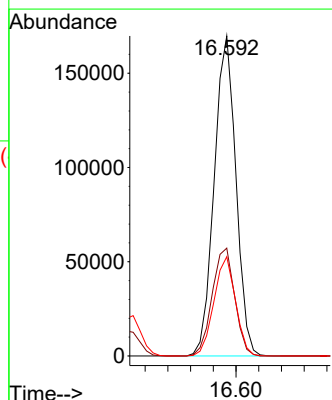
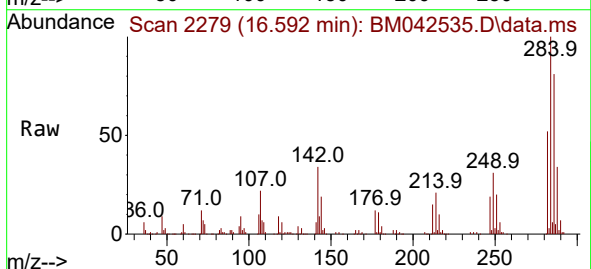
Instrument :
BNA_M
ClientSampleId :
PB156350BS

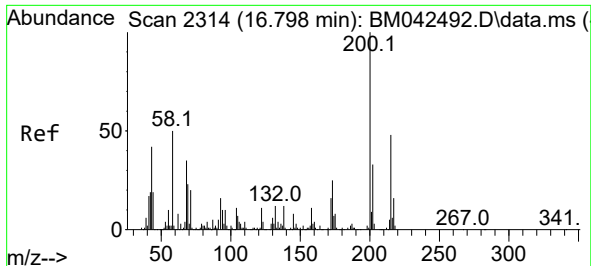
Tgt Ion:248 Resp: 191202
Ion Ratio Lower Upper
248 100
250 96.1 79.4 119.0
141 69.2 57.0 85.6



#68
Hexachlorobenzene
Concen: 60.603 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:284 Resp: 225468
Ion Ratio Lower Upper
284 100
142 33.7 29.8 44.6
249 31.0 25.1 37.7

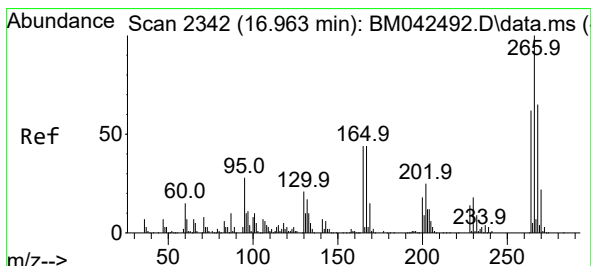
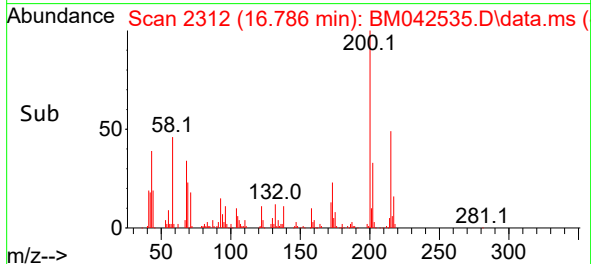
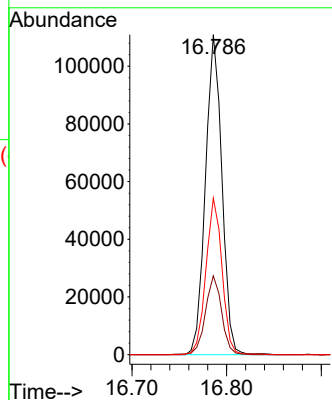
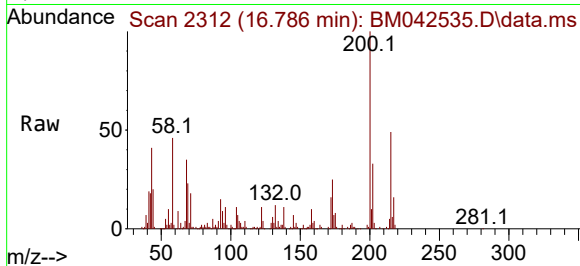




#69
 Atrazine
 Concen: 48.700 ng
 RT: 16.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042535.D
 Acq: 01 Nov 2023 12:19

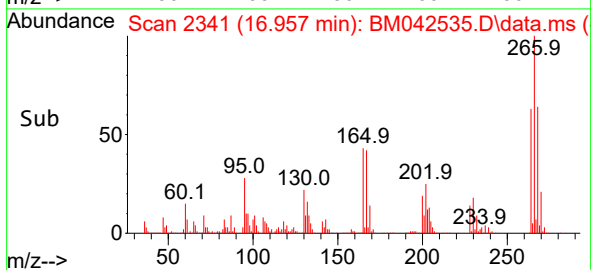
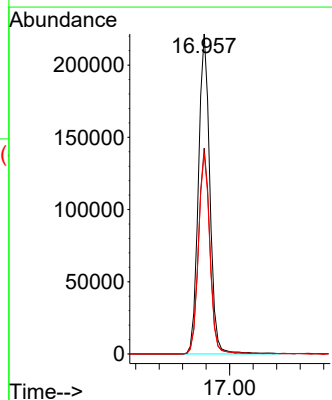
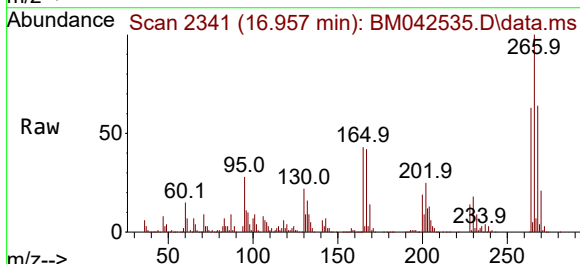
Instrument :
 BNA_M
 ClientSampleId :
 PB156350BS

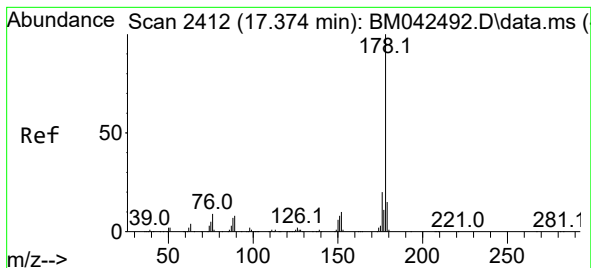
Tgt Ion:200 Resp: 133444
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.4 45.4
 215 48.9 27.9 67.9



#70
 Pentachlorophenol
 Concen: 109.138 ng
 RT: 16.957 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM042535.D
 Acq: 01 Nov 2023 12:19

Tgt Ion:266 Resp: 298510
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.7 77.5
 264 62.8 49.4 74.2





#71

Phenanthrene

Concen: 51.497 ng

RT: 17.368 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

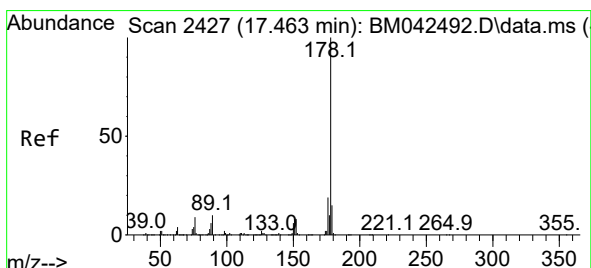
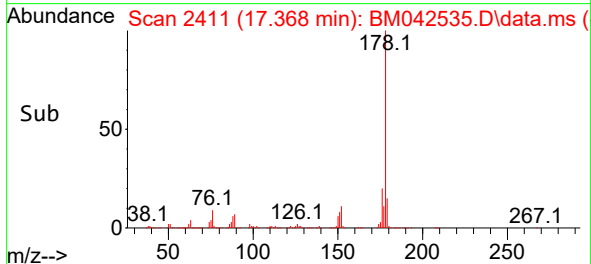
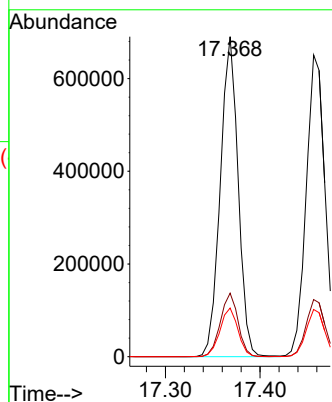
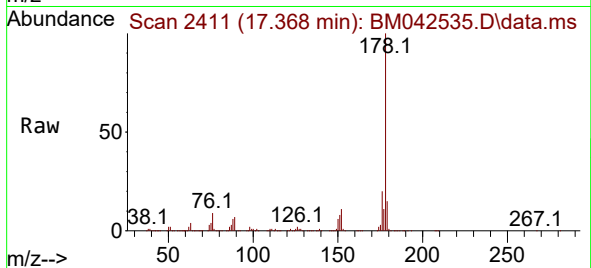
Tgt Ion:178 Resp: 905101

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

179 15.2 12.2 18.4



#72

Anthracene

Concen: 51.733 ng

RT: 17.456 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

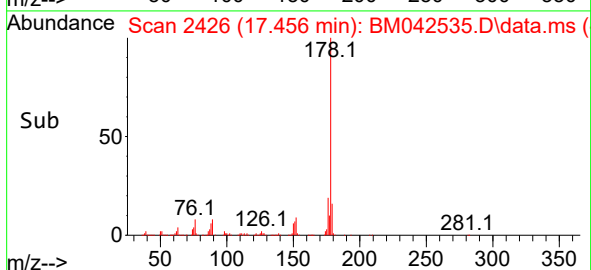
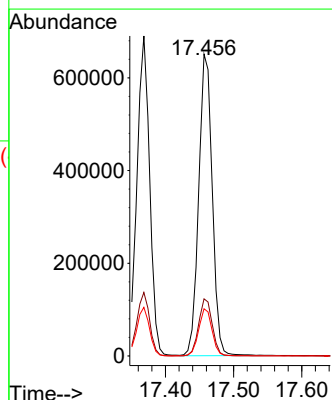
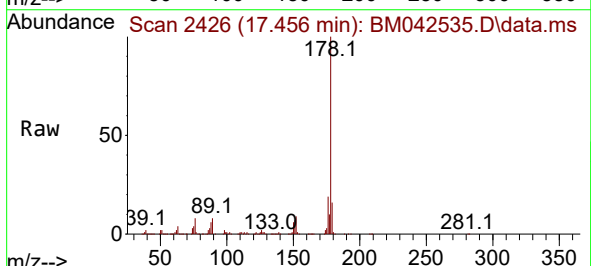
Tgt Ion:178 Resp: 900596

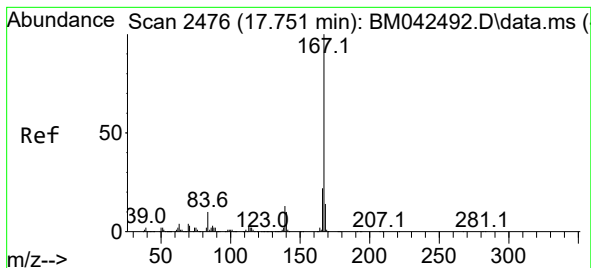
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.7 12.3 18.5





#73

Carbazole

Concen: 53.430 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

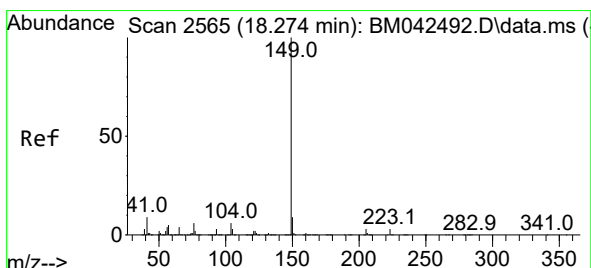
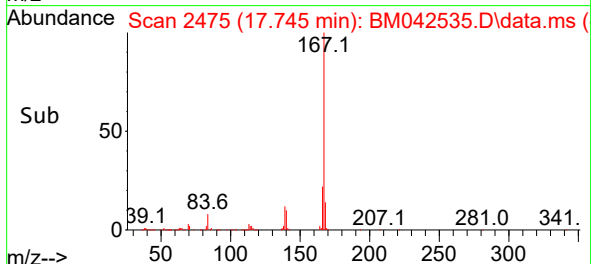
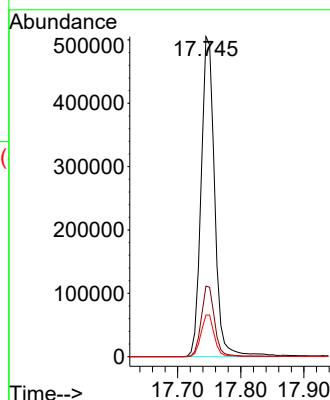
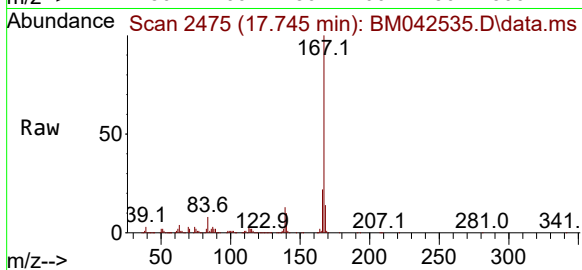
Tgt Ion:167 Resp: 756689

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 51.614 ng

RT: 18.268 min Scan# 2564

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

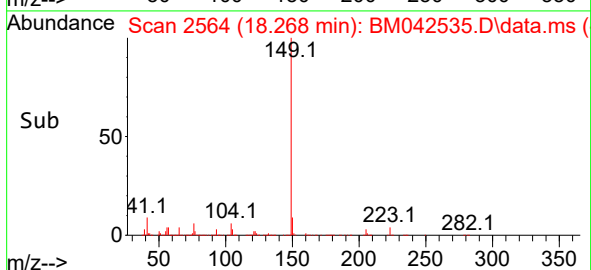
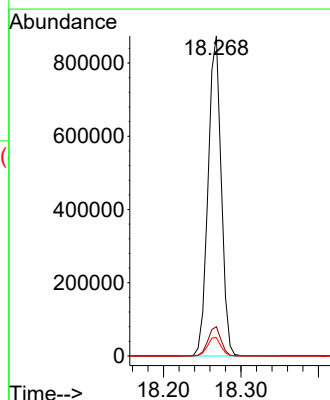
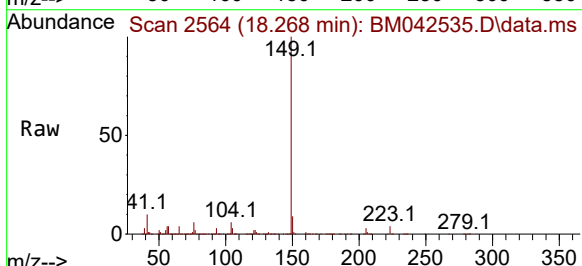
Tgt Ion:149 Resp: 1026496

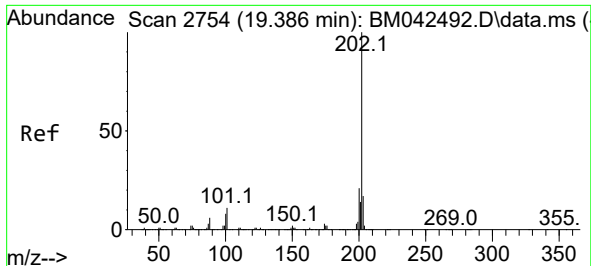
Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 5.8 4.6 6.8

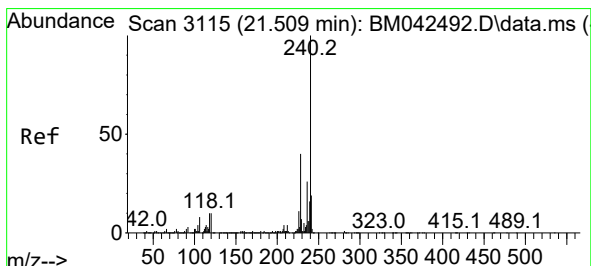
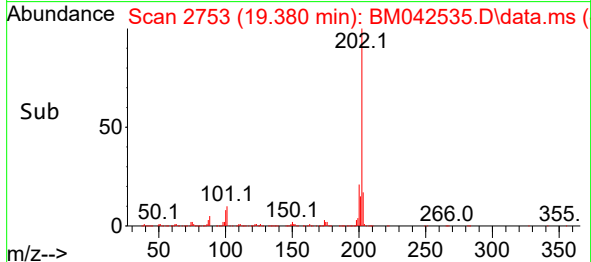
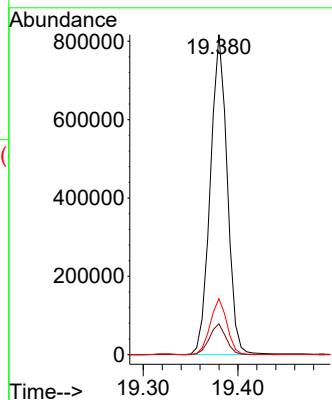
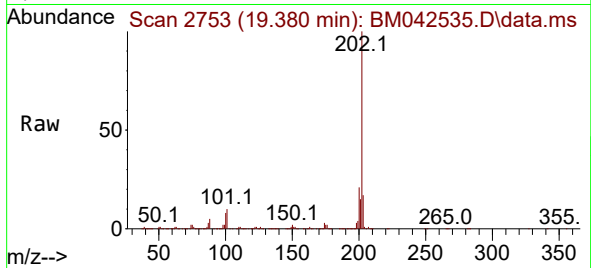




#75
Fluoranthene
Concen: 48.900 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

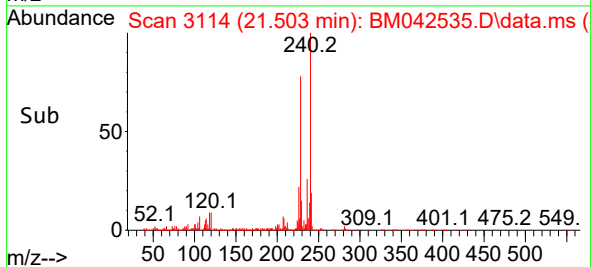
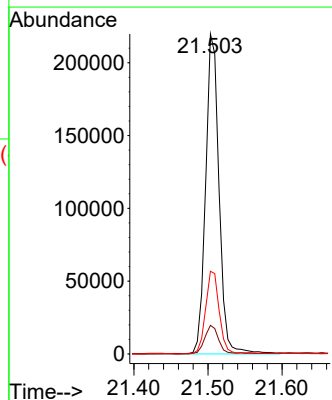
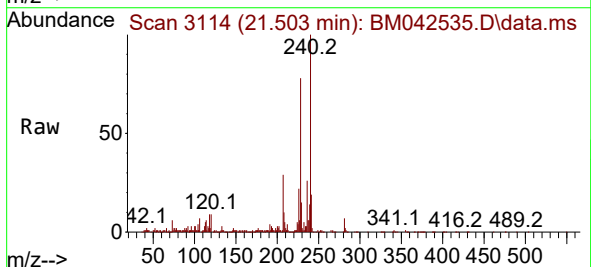
Instrument :
BNA_M
ClientSampleId :
PB156350BS

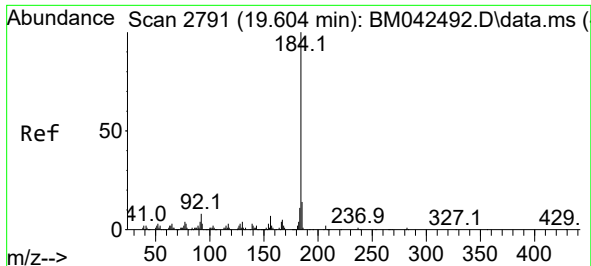
Tgt Ion:202 Resp: 1009581
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.5
203 17.5 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:240 Resp: 277257
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 25.9 20.8 31.2

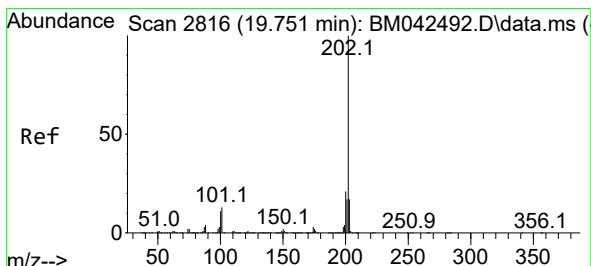
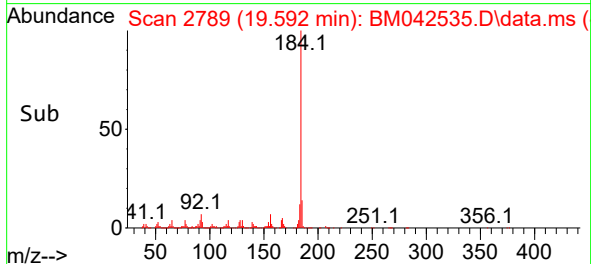
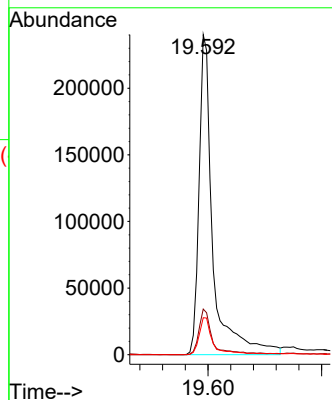
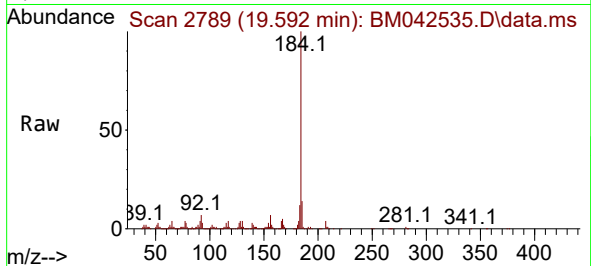




#77
Benzidine
Concen: 153.626 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

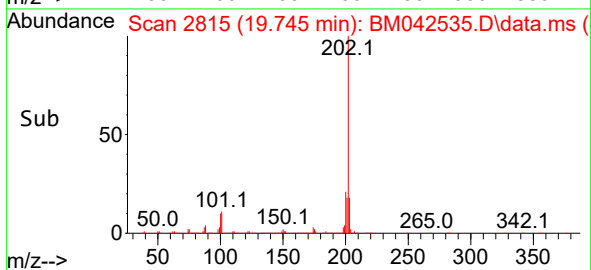
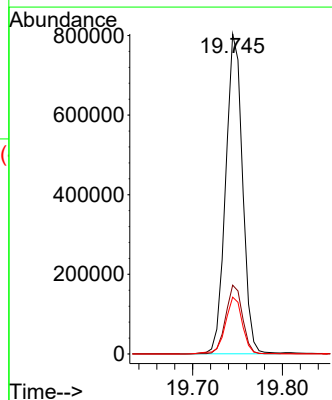
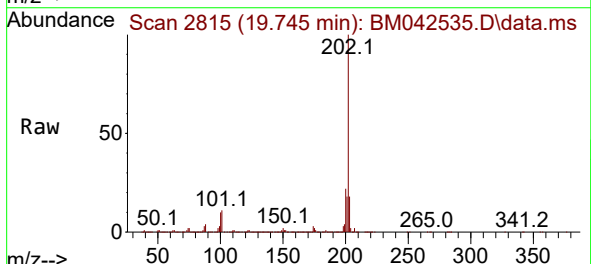
Instrument :
BNA_M
ClientSampleId :
PB156350BS

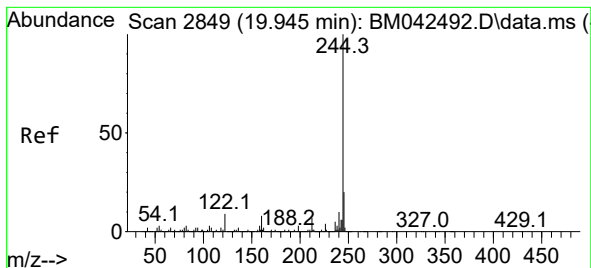
Tgt Ion:184 Resp: 408573
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.6 9.0 13.4



#78
Pyrene
Concen: 55.115 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:202 Resp: 1049286
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 107.995 ng

RT: 19.939 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

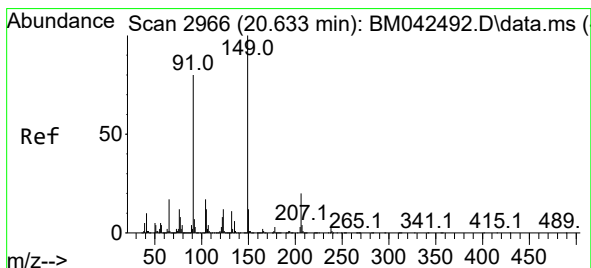
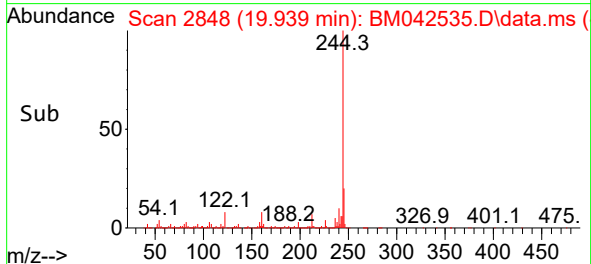
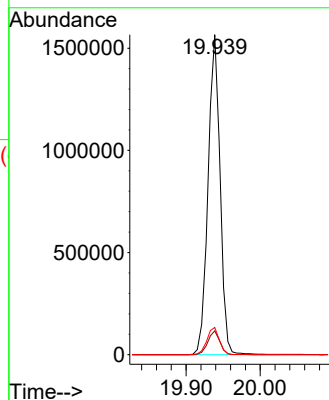
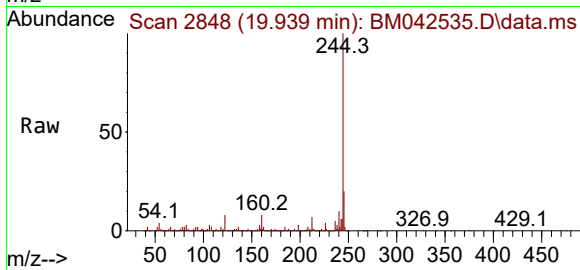
Tgt Ion:244 Resp: 1765871

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 8.5 7.2 10.8



#80

Butylbenzylphthalate

Concen: 53.524 ng

RT: 20.627 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

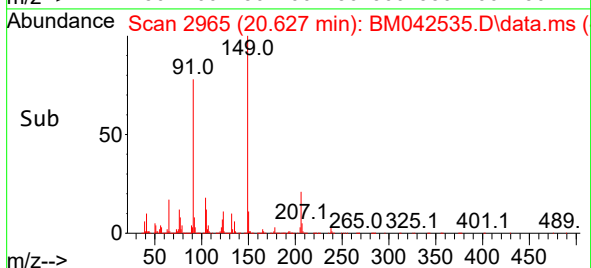
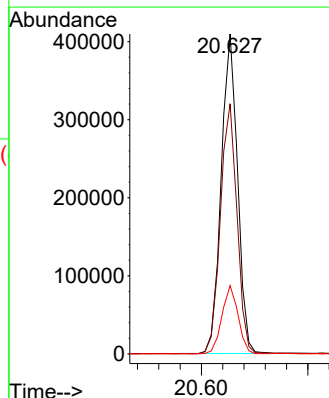
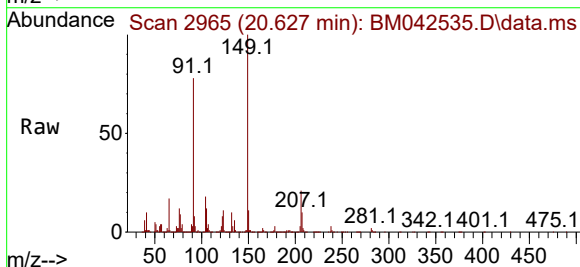
Tgt Ion:149 Resp: 435222

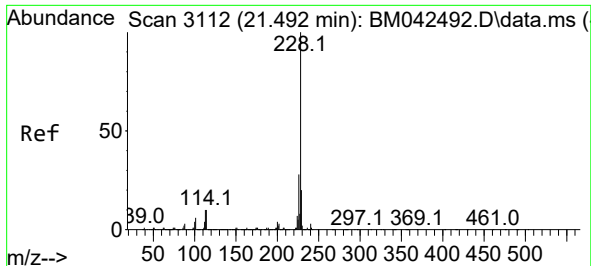
Ion Ratio Lower Upper

149 100

91 78.2 64.2 96.4

206 21.4 16.1 24.1

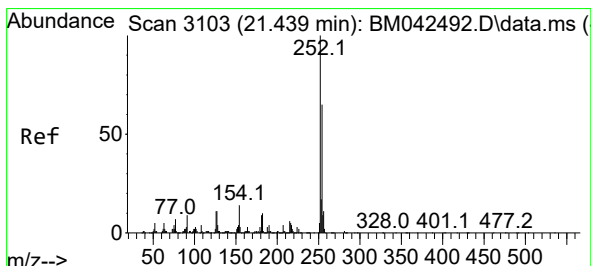
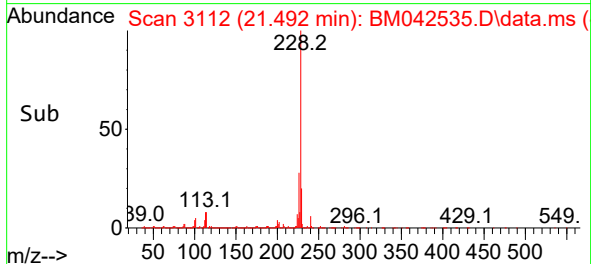
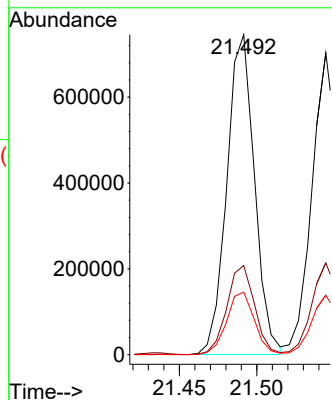
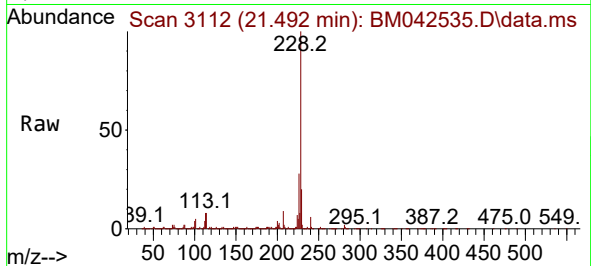




#81
Benzo(a)anthracene
Concen: 52.492 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

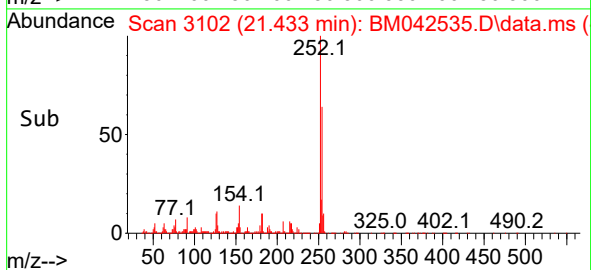
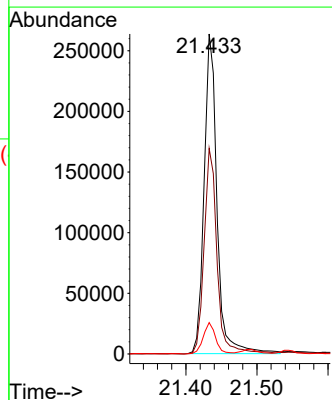
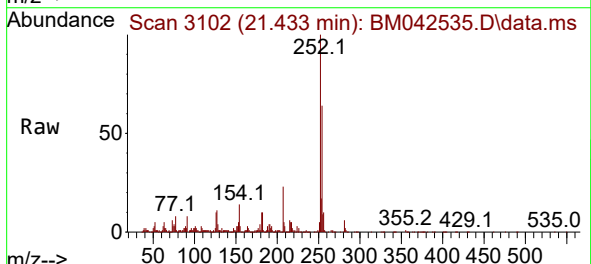
Instrument :
BNA_M
ClientSampleId :
PB156350BS

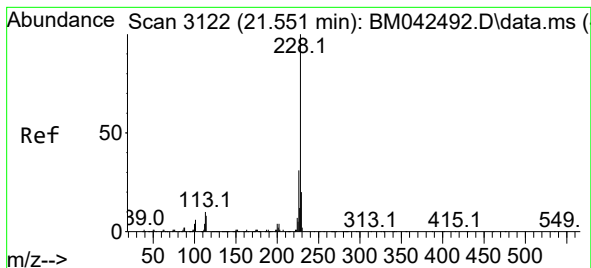
Tgt Ion:228 Resp: 925982
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 59.473 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:252 Resp: 333430
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 9.8 8.9 13.3





#83

Chrysene

Concen: 49.584 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

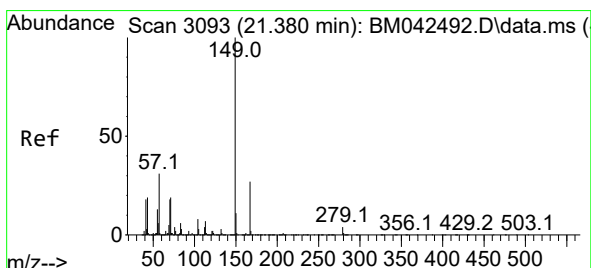
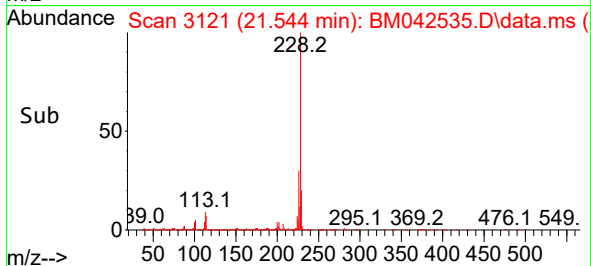
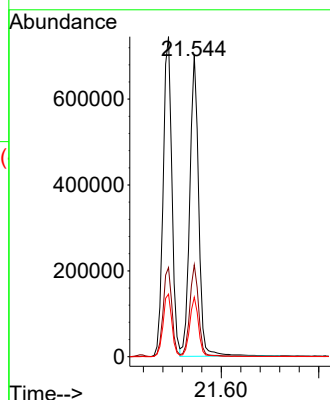
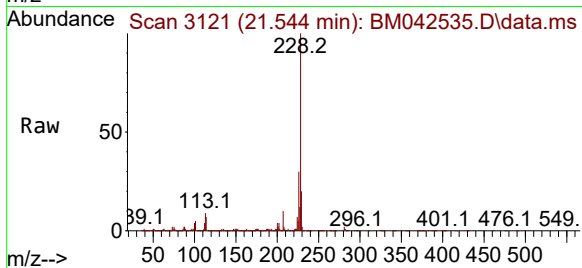
Tgt Ion:228 Resp: 888502

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.171 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

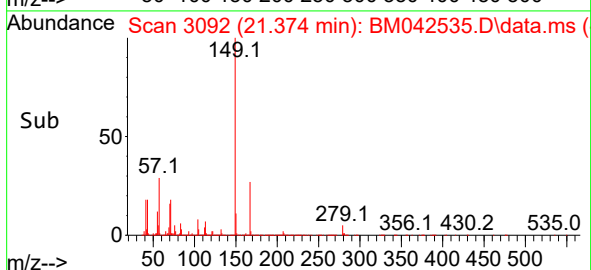
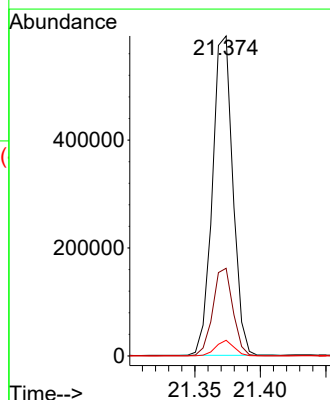
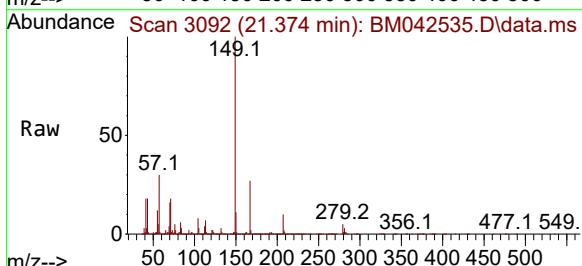
Tgt Ion:149 Resp: 641128

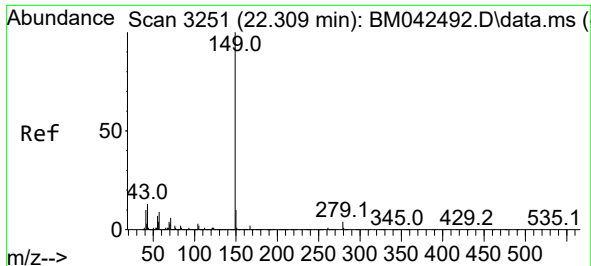
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.9 3.4 5.2

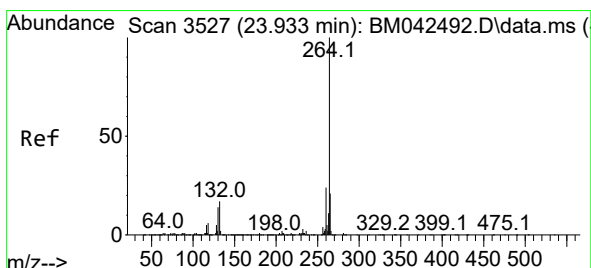
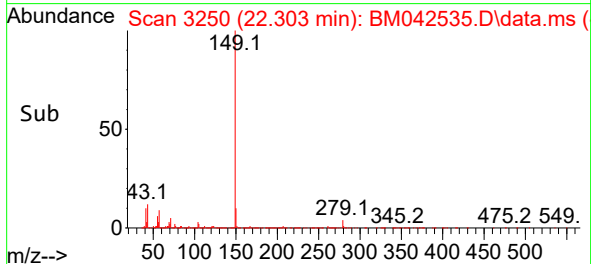
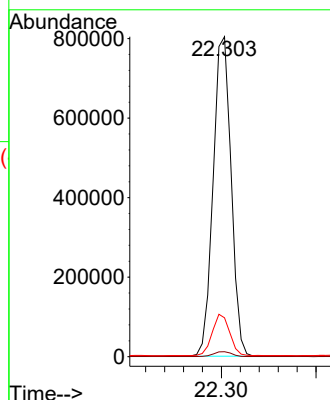
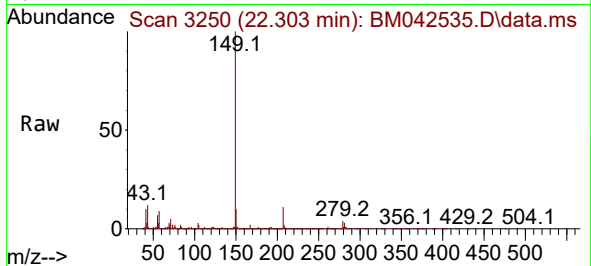




#85
Di-n-octyl phthalate
Concen: 50.015 ng
RT: 22.303 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

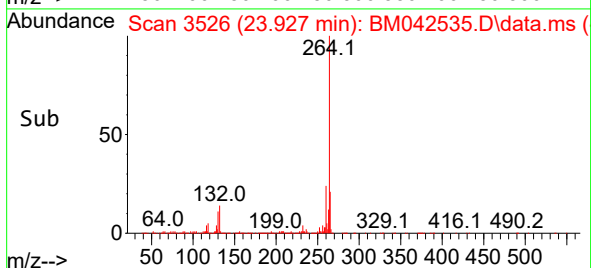
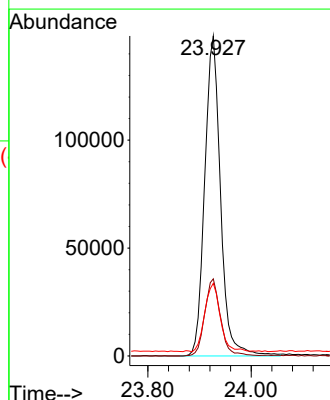
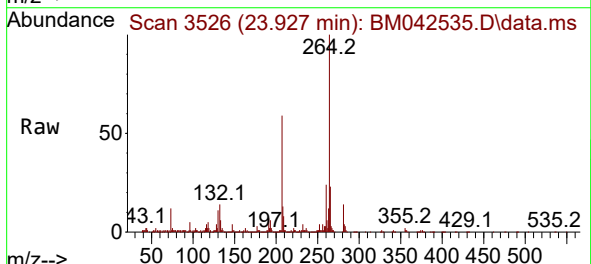
Instrument :
BNA_M
ClientSampleId :
PB156350BS

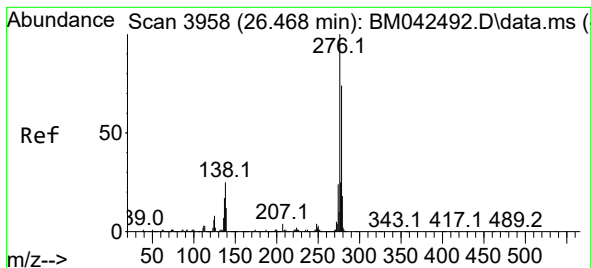
Tgt Ion:149 Resp: 1057950
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.6 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:264 Resp: 315672
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 22.7 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.917 ng

RT: 26.456 min Scan# 3399

Delta R.T. -0.012 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

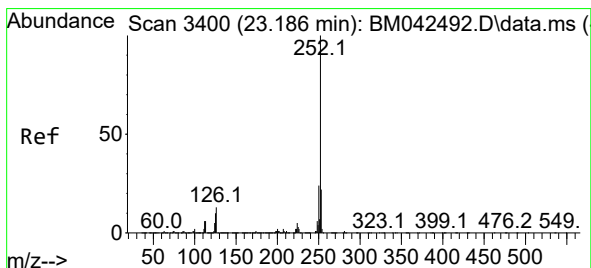
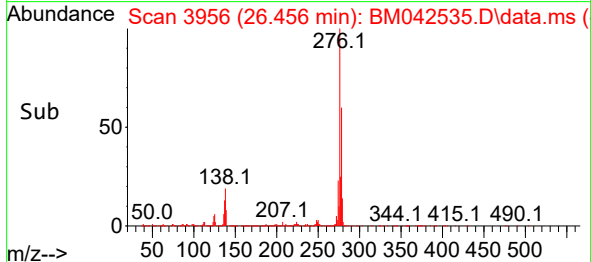
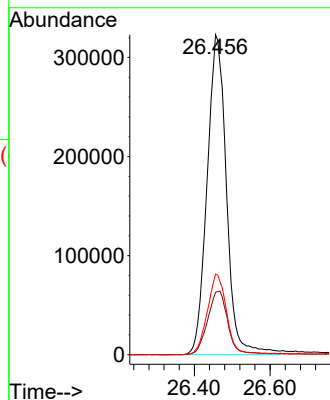
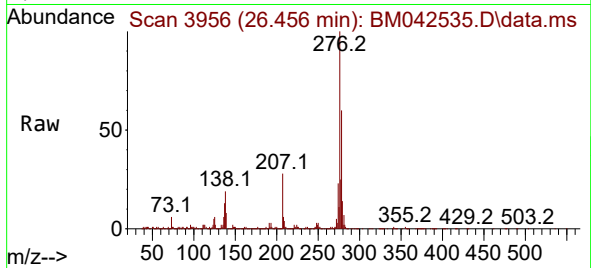
Tgt Ion:276 Resp: 1144508

Ion Ratio Lower Upper

276 100

138 20.6 20.6 31.0

277 25.4 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 52.438 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

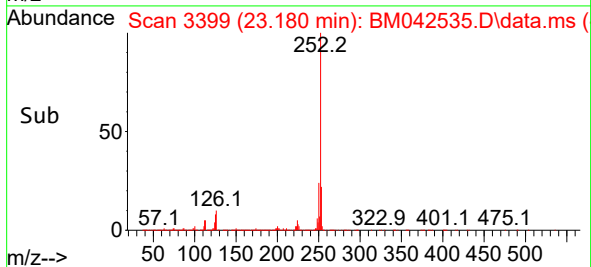
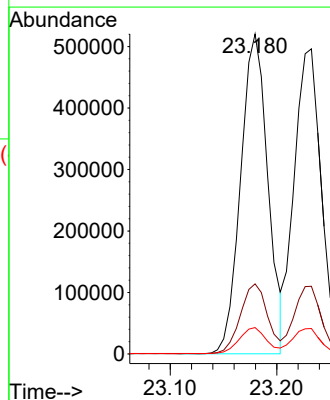
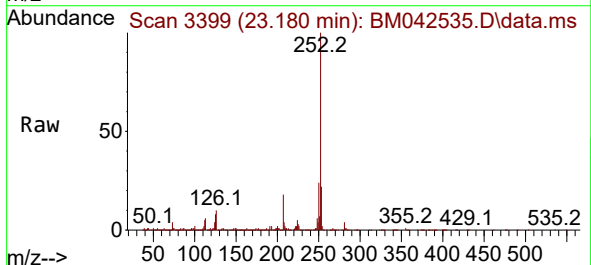
Tgt Ion:252 Resp: 922205

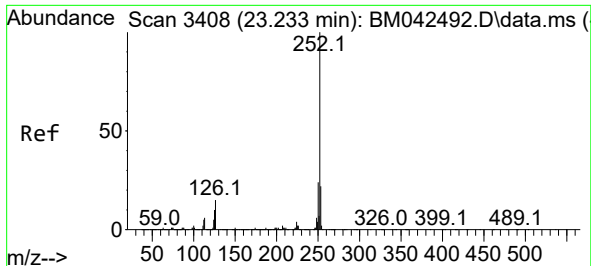
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.3 7.8 11.6

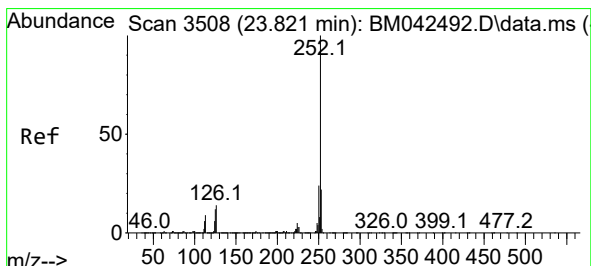
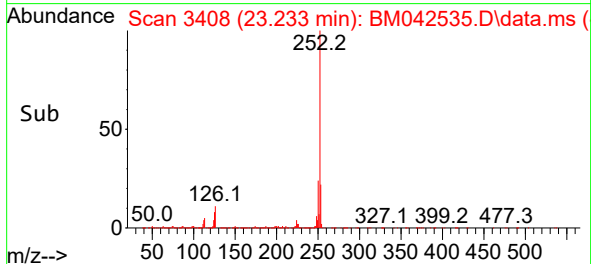
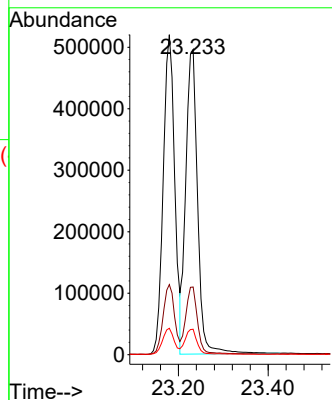
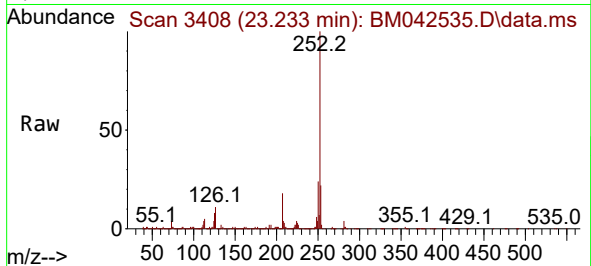




#89
Benzo(k)fluoranthene
Concen: 46.286 ng
RT: 23.233 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

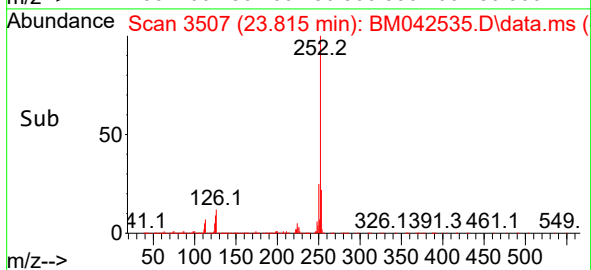
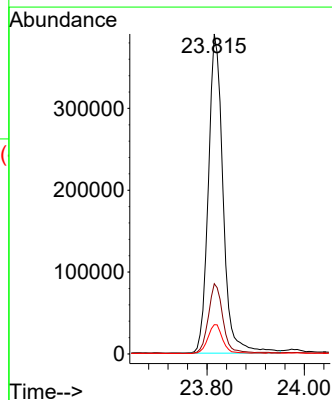
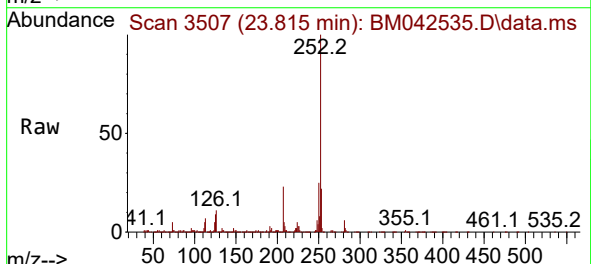
Instrument :
BNA_M
ClientSampleId :
PB156350BS

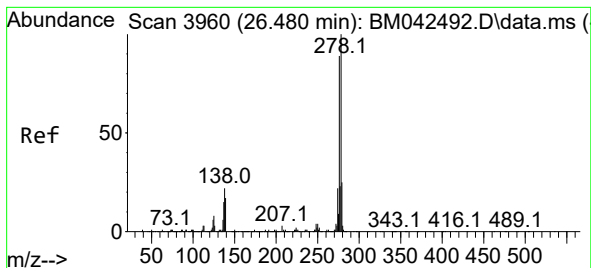
Tgt Ion:252 Resp: 907067
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 8.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.124 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM042535.D
Acq: 01 Nov 2023 12:19

Tgt Ion:252 Resp: 815936
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 54.890 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

PB156350BS

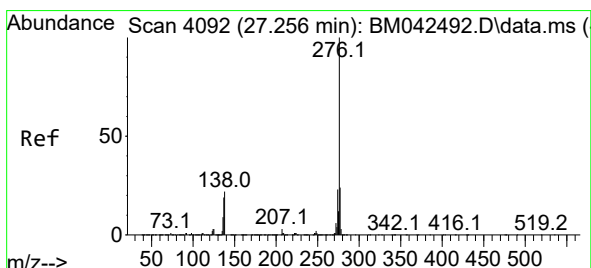
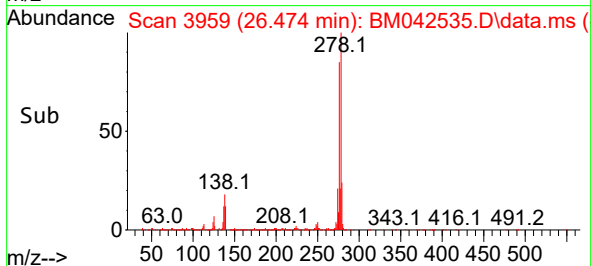
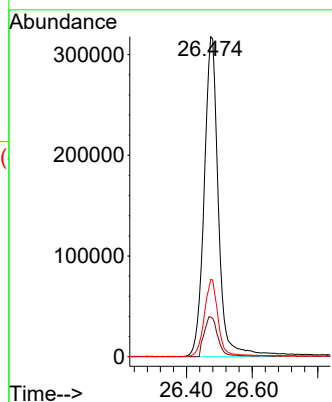
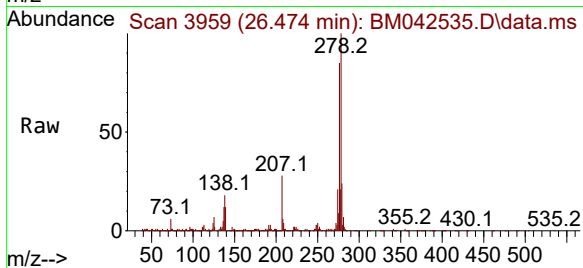
Tgt Ion:278 Resp: 963330

Ion Ratio Lower Upper

278 100

139 12.4 13.4 20.2#

279 24.2 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 57.143 ng

RT: 27.256 min Scan# 4092

Delta R.T. -0.000 min

Lab File: BM042535.D

Acq: 01 Nov 2023 12:19

Tgt Ion:276 Resp: 946223

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 17.9 17.3 25.9

