

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042480.D
 Acq On : 27 Oct 2023 19:47
 Operator : MA/JU
 Sample : PB156500BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

Quant Time: Oct 28 00:28:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	162339	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	657926	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	346589	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	624313	20.000	ng	0.00
76) Chrysene-d12	21.562	240	405171	20.000	ng	0.00
86) Perylene-d12	24.021	264	392969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1483694	129.170	ng	0.00
7) Phenol-d6	7.169	99	1861144	120.907	ng	0.00
23) Nitrobenzene-d5	9.192	82	1231482	82.769	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	583009	150.730	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	2385984	92.703	ng	0.00
79) Terphenyl-d14	19.992	244	2822730	123.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	159958	29.574	ng	96
3) Pyridine	3.857	79	419139	26.413	ng	96
4) n-Nitrosodimethylamine	3.746	42	258739	32.294	ng	93
6) Aniline	7.339	93	588733	30.040	ng	97
8) 2-Chlorophenol	7.551	128	527565	46.287	ng	94
9) Benzaldehyde	7.157	77	83472	9.310	ng	99
10) Phenol	7.192	94	651670	40.971	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	542742	41.561	ng	97
12) 1,3-Dichlorobenzene	7.863	146	551011	46.740	ng	98
13) 1,4-Dichlorobenzene	8.022	146	563870	47.516	ng	98
14) 1,2-Dichlorobenzene	8.333	146	546709	47.979	ng	98
15) Benzyl Alcohol	8.263	79	464917	40.743	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	445254	21.548	ng	98
17) 2-Methylphenol	8.445	107	430011	40.969	ng	99
18) Hexachloroethane	9.045	117	222404	48.683	ng	95
19) n-Nitroso-di-n-propyla...	8.828	70	429286	41.147	ng	95
20) 3+4-Methylphenols	8.781	107	555762	39.477	ng	98
22) Acetophenone	8.851	105	775028	43.179	ng	# 97
24) Nitrobenzene	9.233	77	614021	41.250	ng	97
25) Isophorone	9.775	82	1099141	43.470	ng	97
26) 2-Nitrophenol	9.933	139	265247	46.395	ng	94
27) 2,4-Dimethylphenol	9.980	122	404312	39.421	ng	97
28) bis(2-Chloroethoxy)met...	10.233	93	694467	43.351	ng	99
29) 2,4-Dichlorophenol	10.463	162	450925	50.557	ng	96
30) 1,2,4-Trichlorobenzene	10.657	180	494045	51.669	ng	99
31) Naphthalene	10.863	128	1568341	46.409	ng	100
32) Benzoic acid	10.169	122	320045	43.256	ng	98
33) 4-Chloroaniline	11.004	127	388416	26.473	ng	99
34) Hexachlorobutadiene	11.080	225	294013	56.824	ng	98
35) Caprolactam	11.933	113	129647	38.024	ng	# 85
36) 4-Chloro-3-methylphenol	12.110	107	475393	44.168	ng	98
37) 2-Methylnaphthalene	12.463	142	1017369	44.722	ng	98
38) 1-Methylnaphthalene	12.680	142	980733	46.019	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	516577	51.556	ng	98
41) Hexachlorocyclopentadiene	12.751	237	503222	91.905	ng	98
43) 2,4,6-Trichlorophenol	13.068	196	337038	51.962	ng	100

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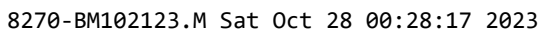
Instrument :
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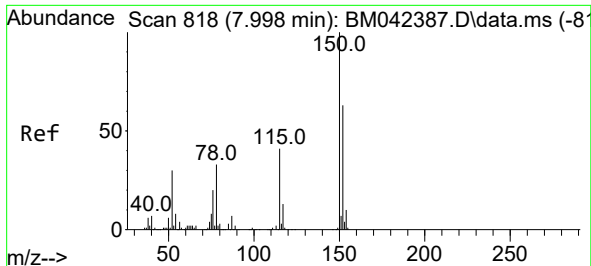
Quant Time: Oct 28 00:28:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	359148	46.840	ng	94
46) 1,1'-Biphenyl	13.468	154	1286534	46.791	ng	98
47) 2-Chloronaphthalene	13.515	162	981087	48.636	ng	100
48) 2-Nitroaniline	13.763	65	309616	35.746	ng	88
49) Acenaphthylene	14.363	152	1576246	48.402	ng	100
50) Dimethylphthalate	14.110	163	1137211	44.733	ng	99
51) 2,6-Dinitrotoluene	14.251	165	244676	42.948	ng	84
52) Acenaphthene	14.698	154	902481	45.838	ng	99
53) 3-Nitroaniline	14.592	138	184000	28.459	ng	97
54) 2,4-Dinitrophenol	14.792	184	300941	84.164	ng	90
55) Dibenzofuran	15.033	168	1404819	45.112	ng	98
56) 4-Nitrophenol	14.892	139	373757	72.186	ng	94
57) 2,4-Dinitrotoluene	15.027	165	305050	40.434	ng	96
58) Fluorene	15.680	166	1116833	45.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	298867	51.886	ng	91
60) Diethylphthalate	15.451	149	1109985	44.244	ng	98
61) 4-Chlorophenyl-phenyle...	15.668	204	564581	48.786	ng	95
62) 4-Nitroaniline	15.757	138	162656	26.733	ng	94
63) Azobenzene	15.962	77	1227323	40.776	ng	96
65) 4,6-Dinitro-2-methylph...	15.774	198	172504	43.859	ng	87
66) n-Nitrosodiphenylamine	15.898	169	931630	49.544	ng	98
67) 4-Bromophenyl-phenylether	16.562	248	327479	56.596	ng	98
68) Hexachlorobenzene	16.645	284	374156	60.494	ng	94
69) Atrazine	16.856	200	303574	63.661	ng	100
70) Pentachlorophenol	17.015	266	490449	93.866	ng	98
71) Phenanthrene	17.427	178	1609766	47.398	ng	100
72) Anthracene	17.515	178	1587968	47.210	ng	99
73) Carbazole	17.809	167	1343058	42.563	ng	99
74) Di-n-butylphthalate	18.327	149	1842193	46.215	ng	99
75) Fluoranthene	19.439	202	1718996	45.957	ng	98
77) Benzidine	19.656	184	332317	56.705	ng	99
78) Pyrene	19.803	202	1759923	62.159	ng	100
80) Butylbenzylphthalate	20.680	149	720448	55.583	ng	95
81) Benzo(a)anthracene	21.544	228	1310249	48.239	ng	100
82) 3,3'-Dichlorobenzidine	21.491	252	426816	52.639	ng	99
83) Chrysene	21.597	228	1236392	47.393	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1015469	55.119	ng	# 97
85) Di-n-octyl phthalate	22.368	149	1584299	50.172	ng	95
87) Indeno(1,2,3-cd)pyrene	26.597	276	1320822	45.993	ng	# 93
88) Benzo(b)fluoranthene	23.262	252	1135453	48.003	ng	98
89) Benzo(k)fluoranthene	23.309	252	1152284	46.921	ng	98
90) Benzo(a)pyrene	23.909	252	981823	43.125	ng	99
91) Dibenzo(a,h)anthracene	26.615	278	1058428	44.329	ng	98
92) Benzo(g,h,i)perylene	27.403	276	1144688	49.365	ng	95

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

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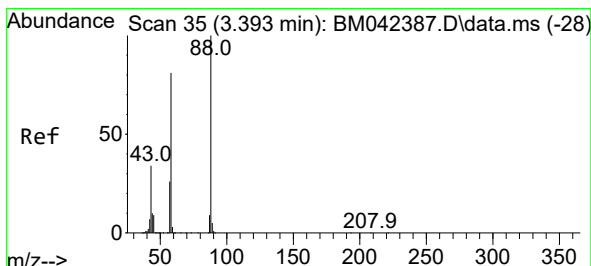
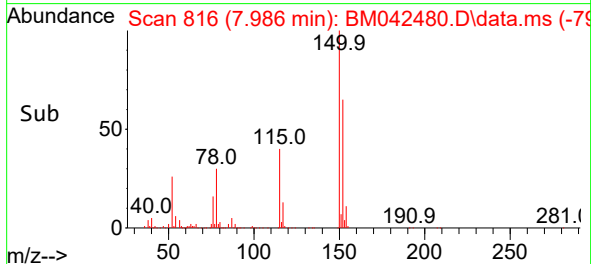
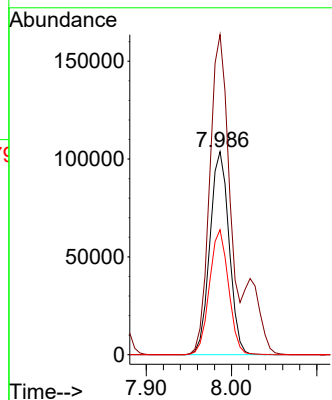
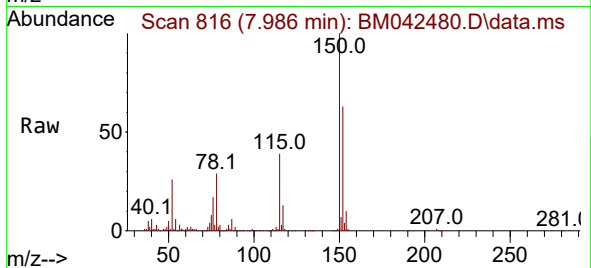




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.986 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BM042480.D
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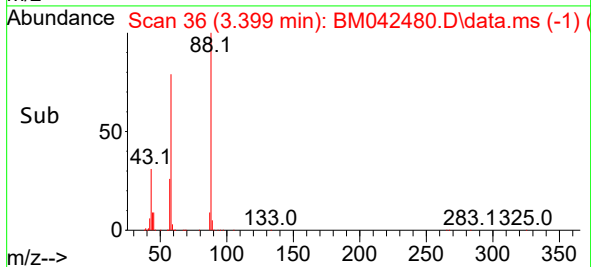
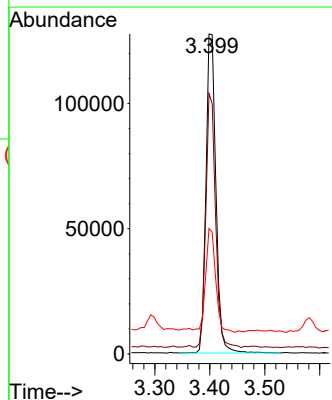
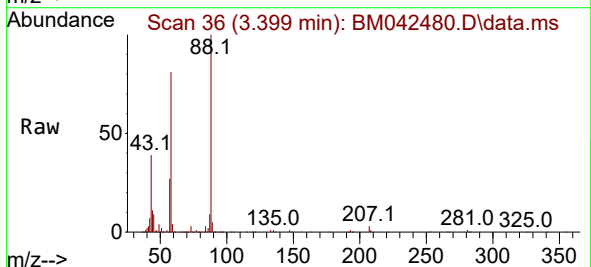
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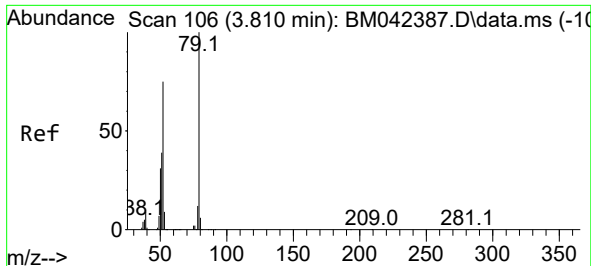
Tgt Ion:152 Resp: 162339
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.4
 115 61.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 29.574 ng
 RT: 3.399 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

Tgt Ion: 88 Resp: 159958
 Ion Ratio Lower Upper
 88 100
 58 77.3 64.9 97.3
 43 32.8 27.8 41.8

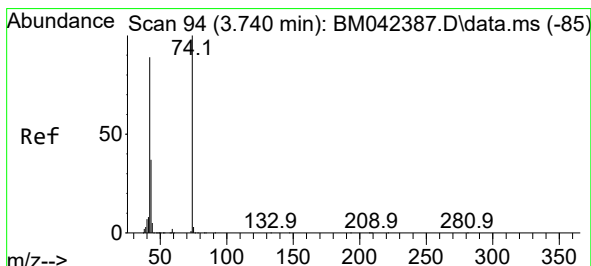
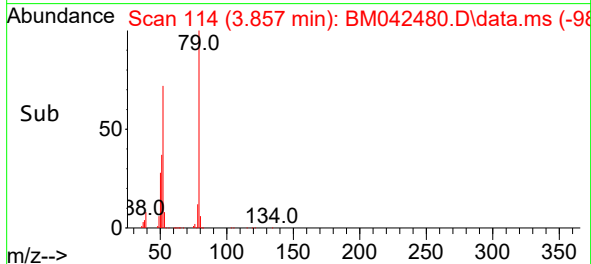
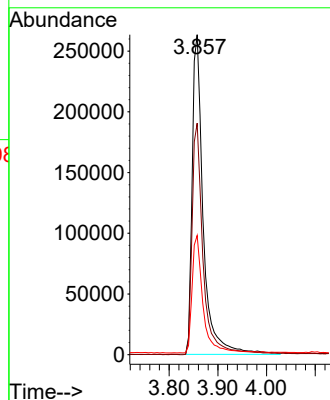
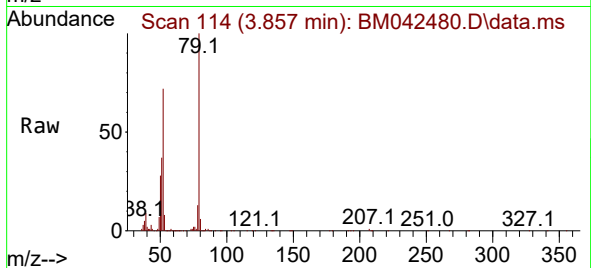




#3
Pyridine
Concen: 26.413 ng
RT: 3.857 min Scan# 114
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

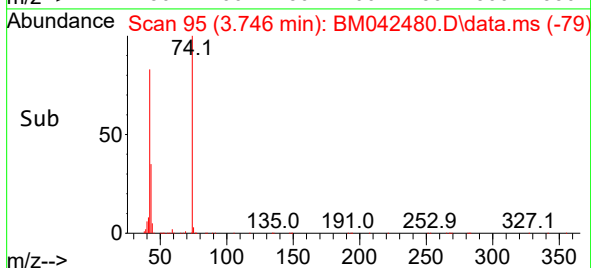
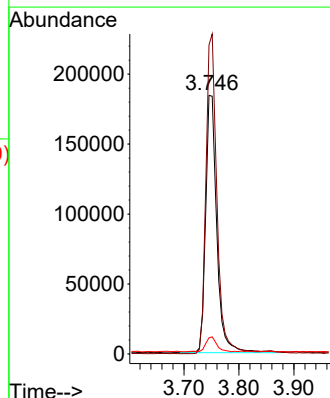
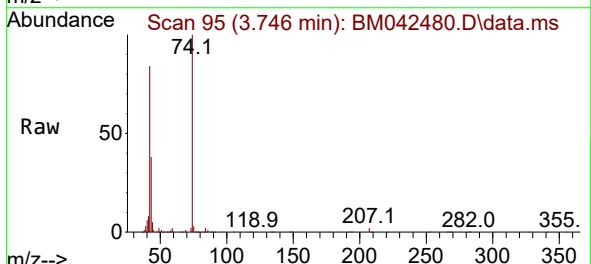
Instrument :
BNA_M
ClientSampleId :
PB156500BS

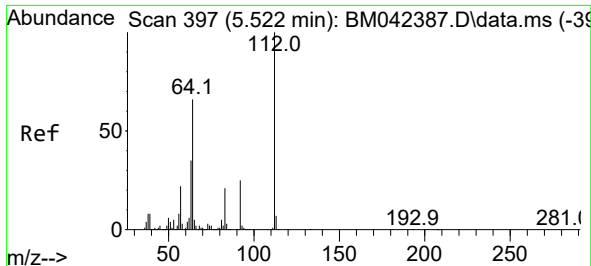
Tgt Ion: 79 Resp: 419139
Ion Ratio Lower Upper
79 100
52 72.3 60.3 90.5
51 37.2 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 32.294 ng
RT: 3.746 min Scan# 95
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion: 42 Resp: 258739
Ion Ratio Lower Upper
42 100
74 119.5 89.4 134.2
44 6.3 5.4 8.0

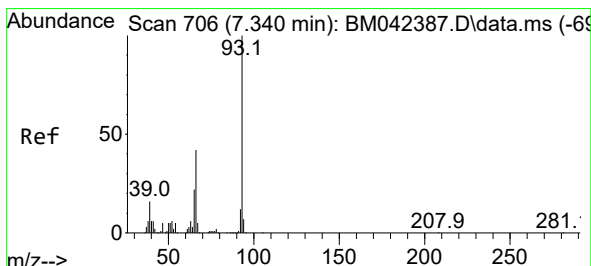
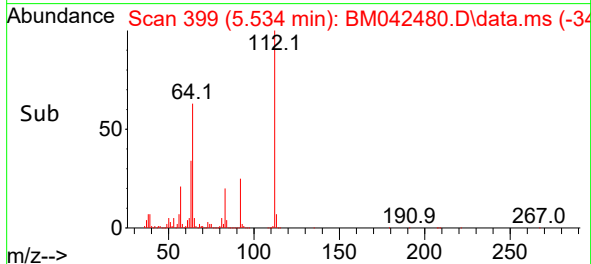
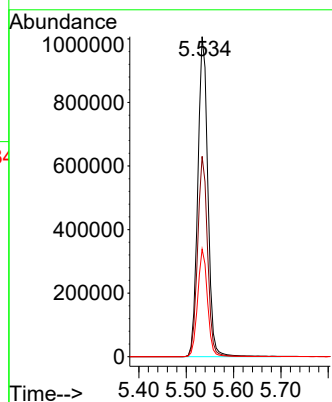
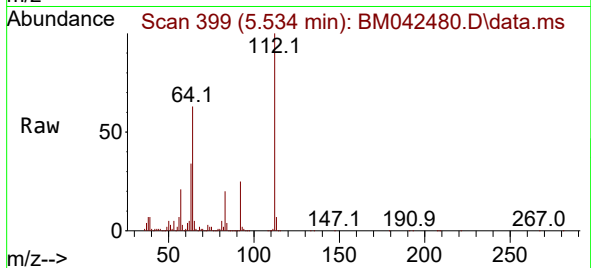




#5
2-Fluorophenol
Concen: 129.170 ng
RT: 5.534 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

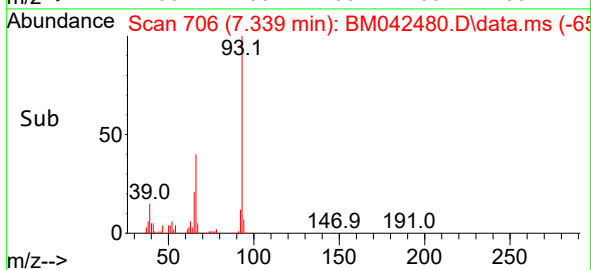
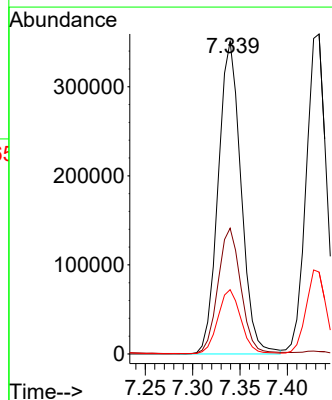
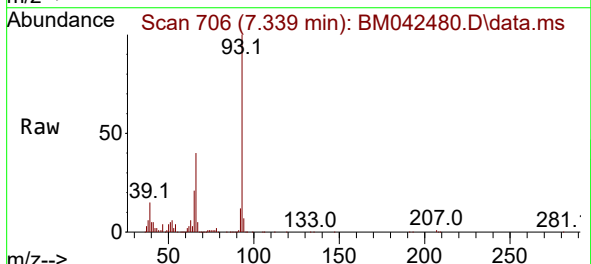
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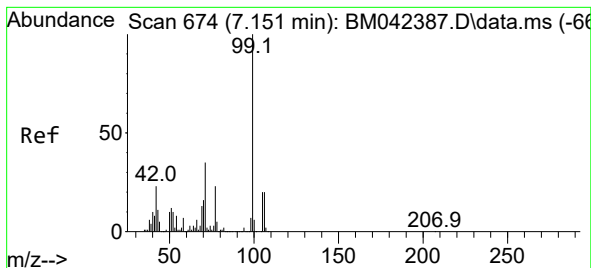
Tgt Ion:112 Resp: 1483694
Ion Ratio Lower Upper
112 100
64 62.6 52.7 79.1
63 33.6 28.3 42.5



#6
Aniline
Concen: 30.040 ng
RT: 7.339 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion: 93 Resp: 588733
Ion Ratio Lower Upper
93 100
66 40.3 33.8 50.8
65 20.6 17.4 26.2





#7

Phenol-d6

Concen: 120.907 ng

RT: 7.169 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

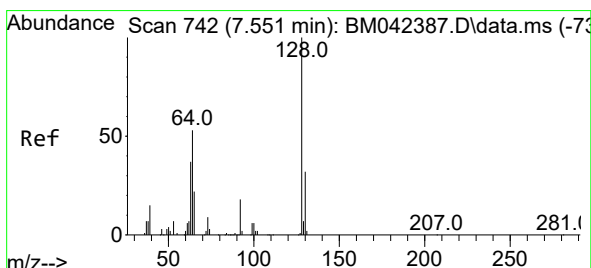
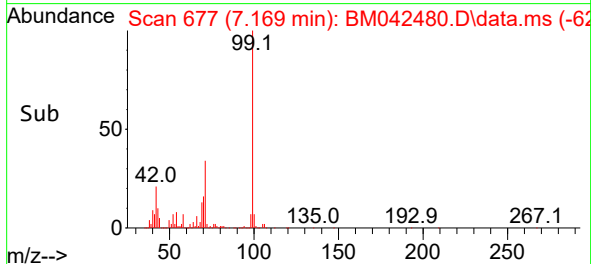
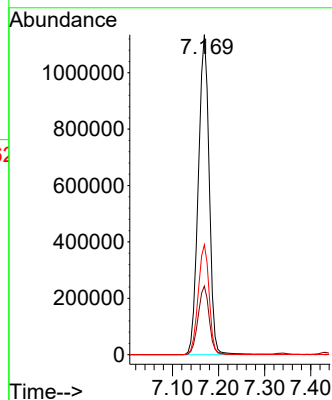
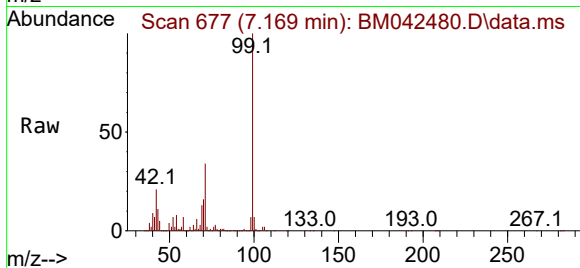
Tgt Ion: 99 Resp: 1861144

Ion Ratio Lower Upper

99 100

42 21.4 18.5 27.7

71 34.4 27.7 41.5



#8

2-Chlorophenol

Concen: 46.287 ng

RT: 7.551 min Scan# 742

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

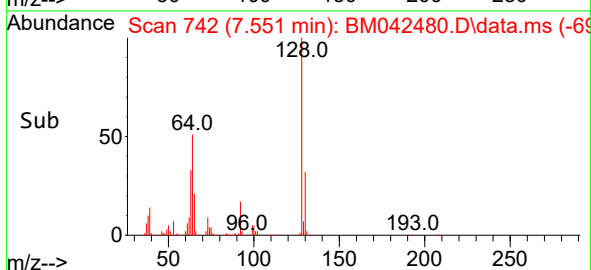
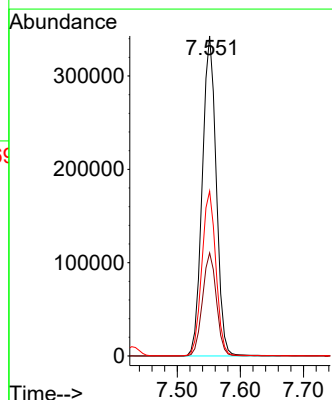
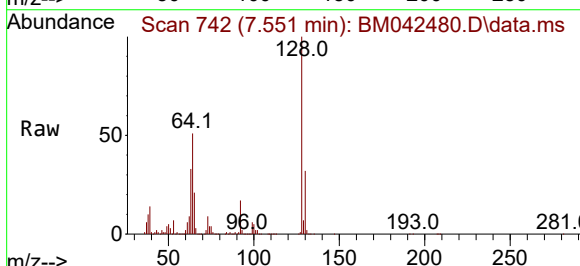
Tgt Ion: 128 Resp: 527565

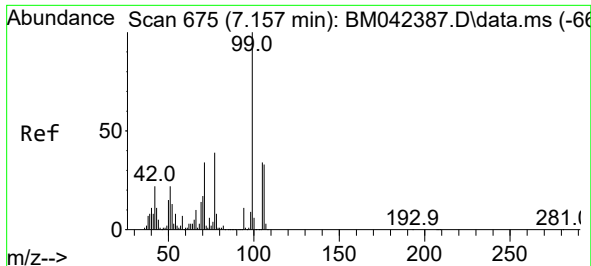
Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

64 51.5 38.2 78.2

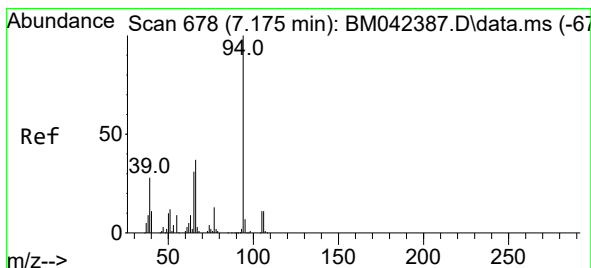
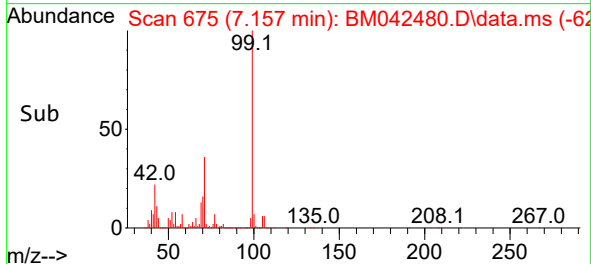
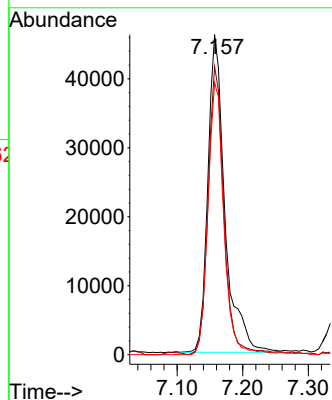
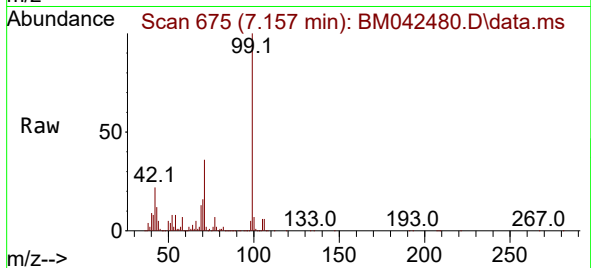




#9
Benzaldehyde
Concen: 9.310 ng
RT: 7.157 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

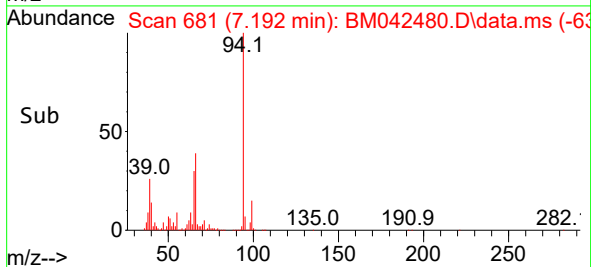
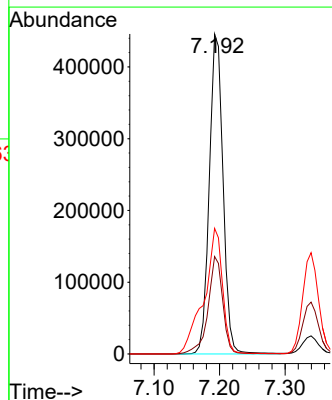
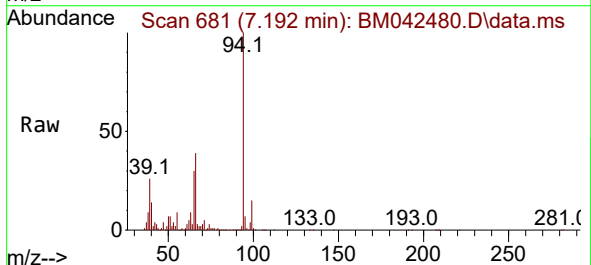
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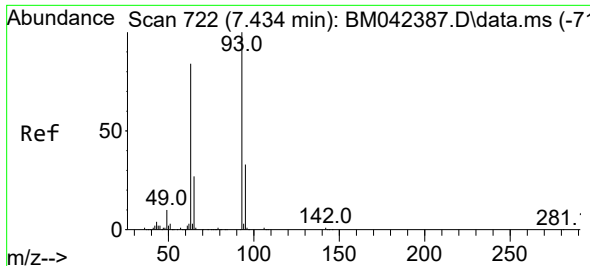
Tgt Ion: 77 Resp: 83472
Ion Ratio Lower Upper
77 100
105 90.1 68.7 108.7
106 85.0 65.8 105.8



#10
Phenol
Concen: 40.971 ng
RT: 7.192 min Scan# 681
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion: 94 Resp: 651670
Ion Ratio Lower Upper
94 100
65 30.5 10.9 50.9
66 39.2 18.2 58.2

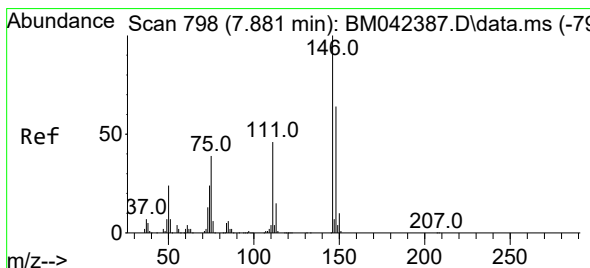
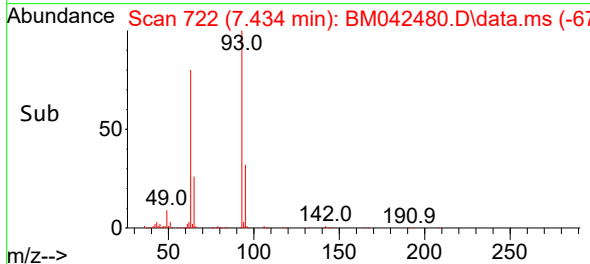
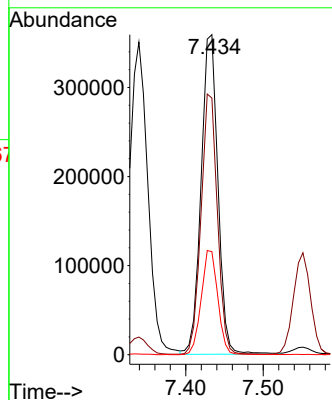
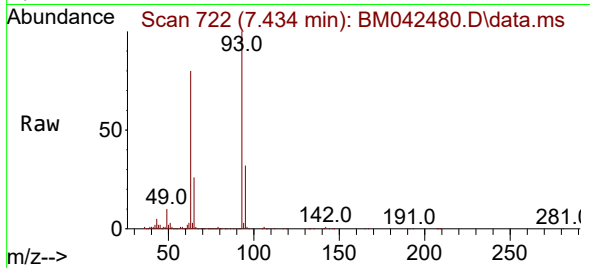




#11
bis(2-Chloroethyl)ether
Concen: 41.561 ng
RT: 7.434 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

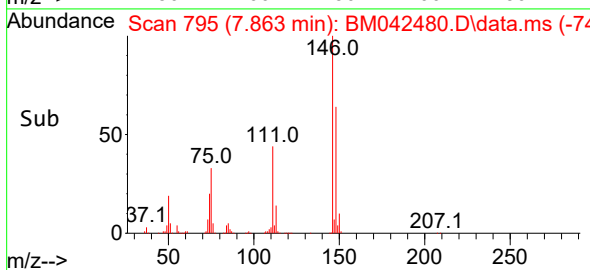
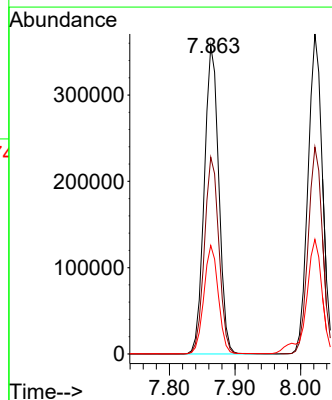
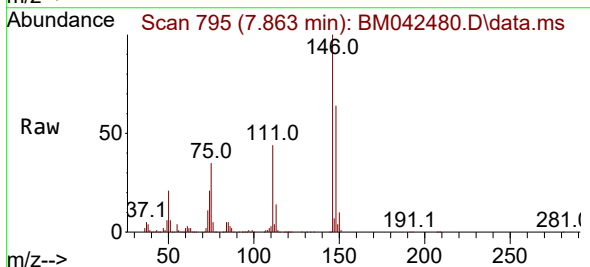
Instrument :
BNA_M
ClientSampleId :
PB156500BS

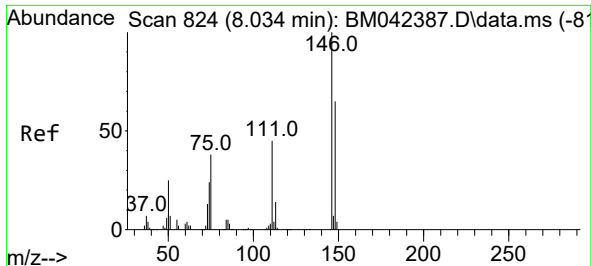
Tgt Ion: 93 Resp: 542742
Ion Ratio Lower Upper
93 100
63 80.2 64.2 104.2
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.740 ng
RT: 7.863 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:146 Resp: 551011
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 35.2 30.9 46.3

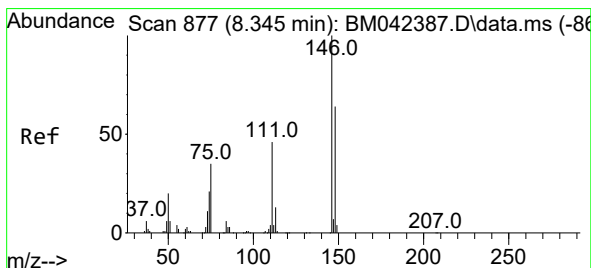
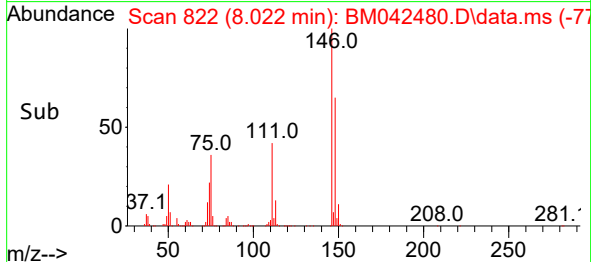
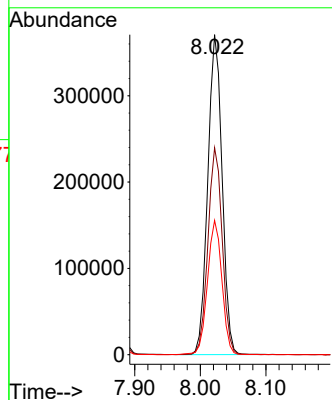
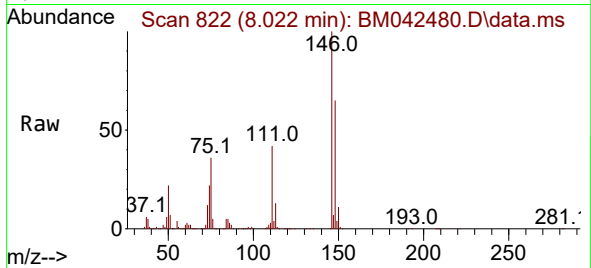




#13
1,4-Dichlorobenzene
Concen: 47.516 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

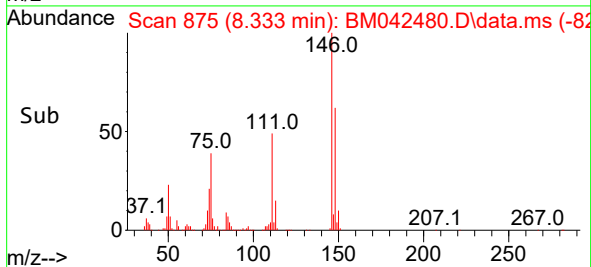
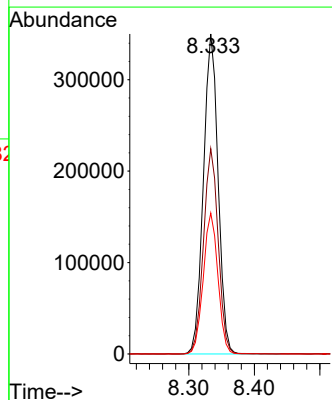
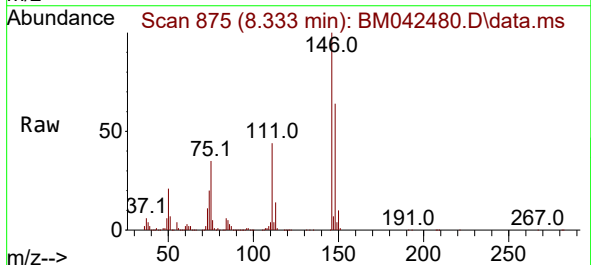
Instrument :
BNA_M
ClientSampleId :
PB156500BS

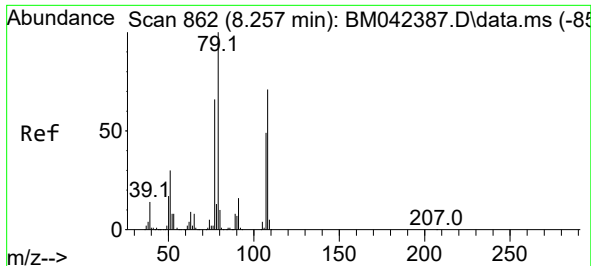
Tgt Ion:146 Resp: 563870
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 41.9 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 47.979 ng
RT: 8.333 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:146 Resp: 546709
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 44.1 37.2 55.8

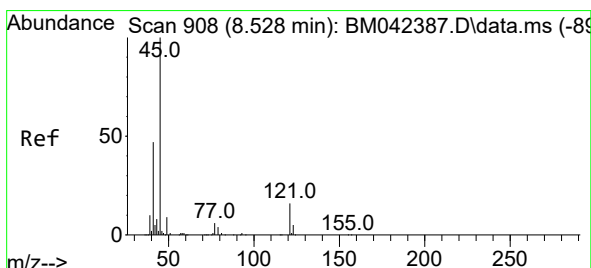
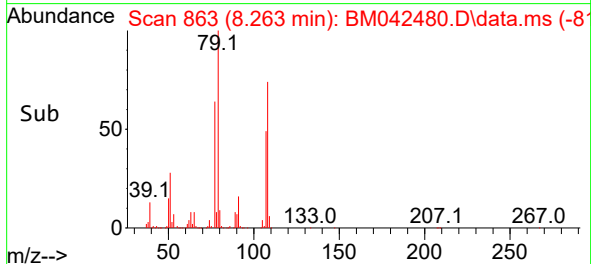
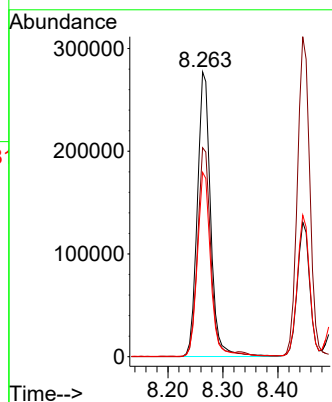
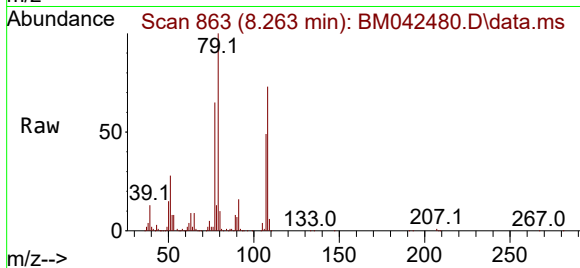




#15
Benzyl Alcohol
Concen: 40.743 ng
RT: 8.263 min Scan# 863
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

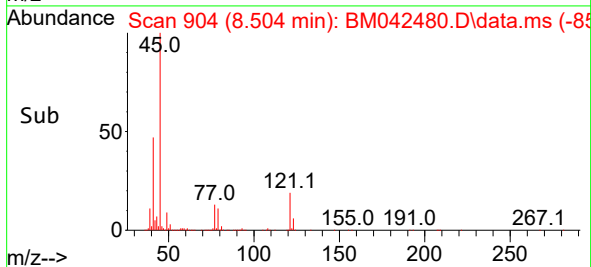
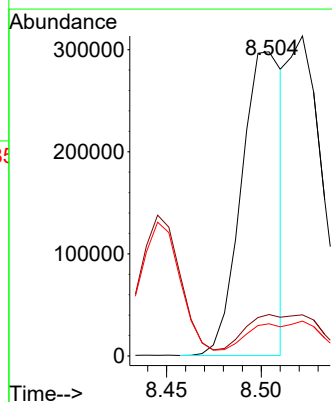
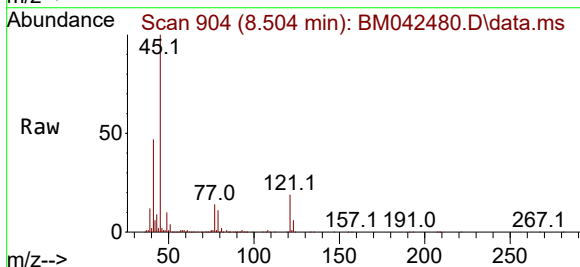
Instrument :
BNA_M
ClientSampleId :
PB156500BS

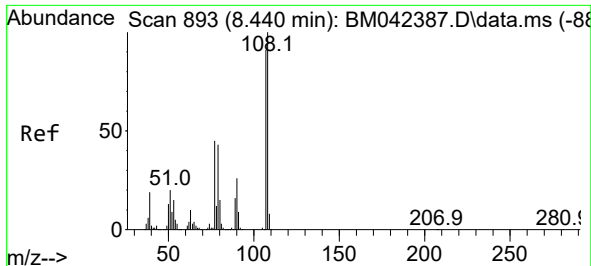
Tgt Ion: 79 Resp: 464917
Ion Ratio Lower Upper
79 100
108 73.4 57.1 85.7
77 64.7 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.548 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.018 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion: 45 Resp: 445254
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.2
79 10.6 0.0 30.4

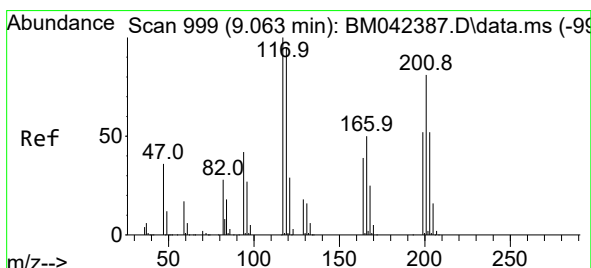
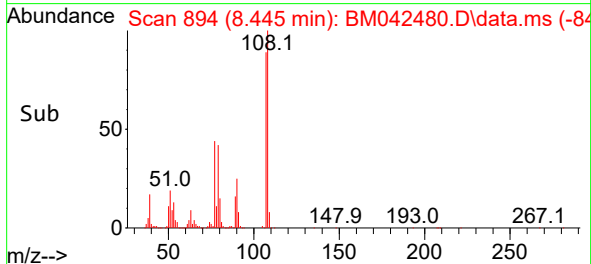
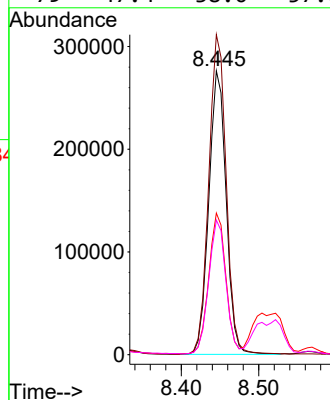
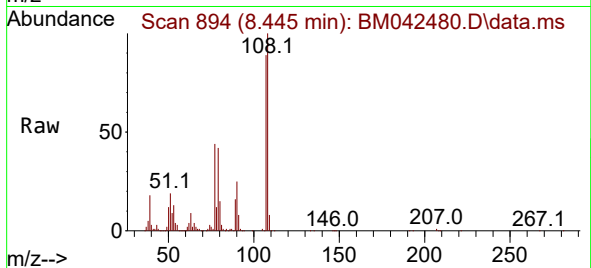




#17
2-Methylphenol
Concen: 40.969 ng
RT: 8.445 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

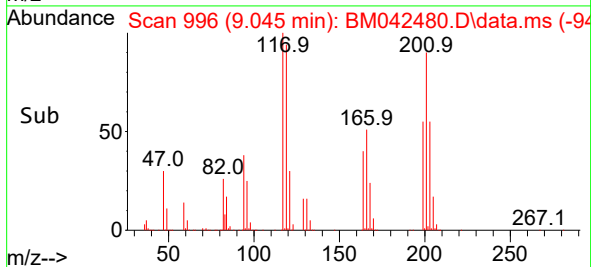
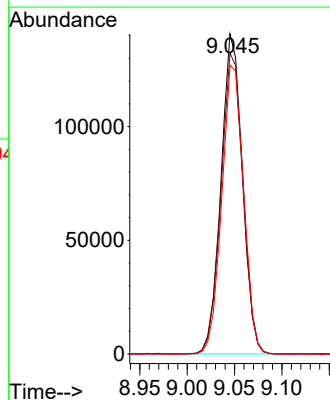
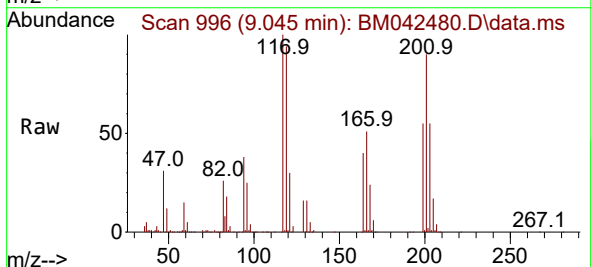
Instrument :
BNA_M
ClientSampleId :
PB156500BS

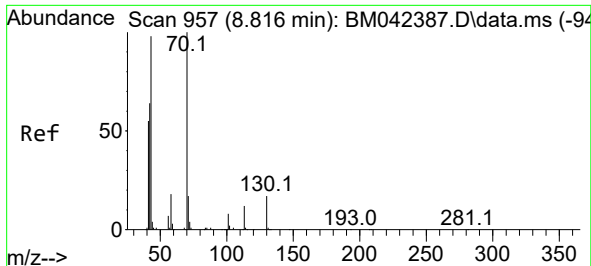
Tgt Ion:	107	Resp:	430011
Ion	Ratio	Lower	Upper
107	100		
108	112.7	88.2	132.4
77	49.9	40.1	60.1
79	47.4	38.0	57.0



#18
Hexachloroethane
Concen: 48.683 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:	117	Resp:	222404
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.9	113.9
201	90.3	64.6	97.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.147 ng

RT: 8.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

Tgt Ion: 70 Resp: 429286

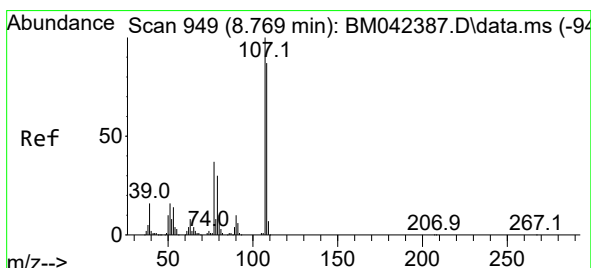
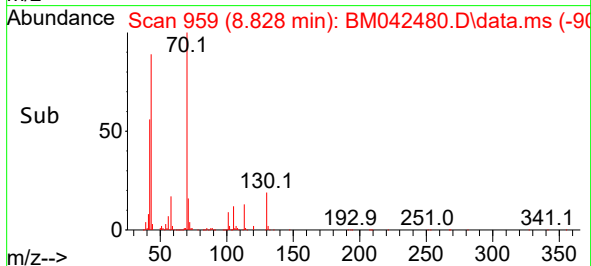
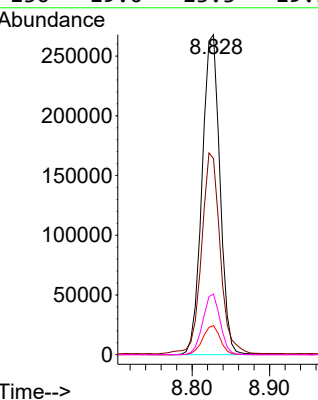
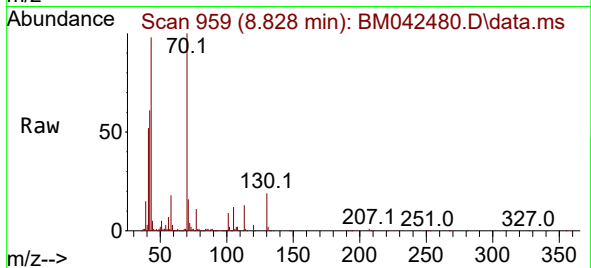
Ion Ratio Lower Upper

70 100

42 61.3 52.1 78.1

101 9.1 6.5 9.7

130 19.0 13.3 19.9



#20

3+4-Methylphenols

Concen: 39.477 ng

RT: 8.781 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Tgt Ion:107 Resp: 555762

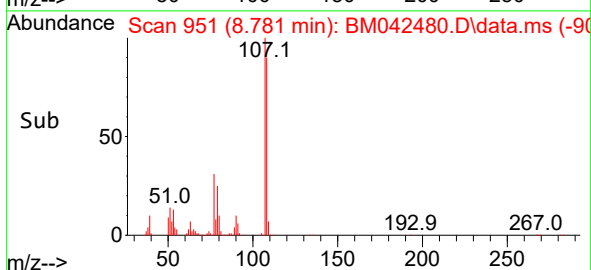
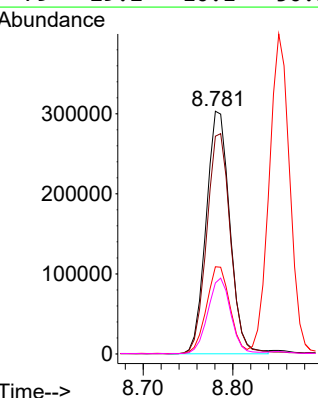
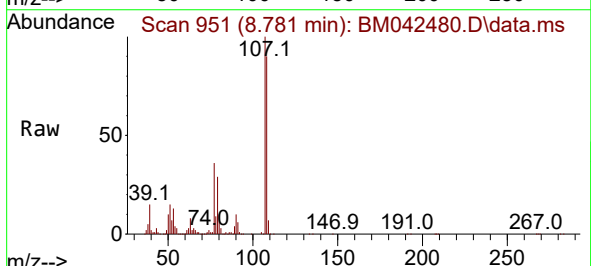
Ion Ratio Lower Upper

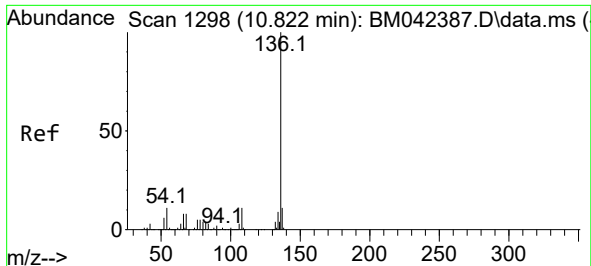
107 100

108 89.7 67.2 107.2

77 35.9 16.8 56.8

79 29.2 10.1 50.1

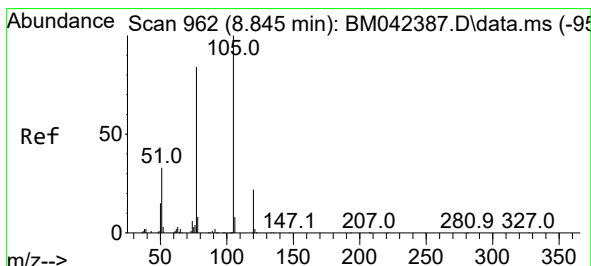
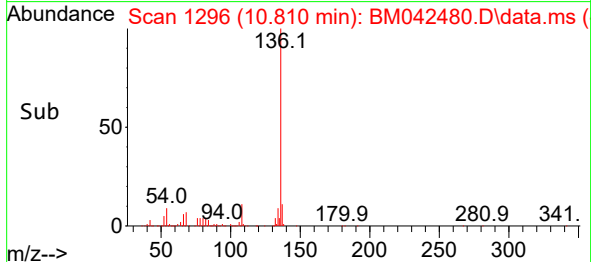
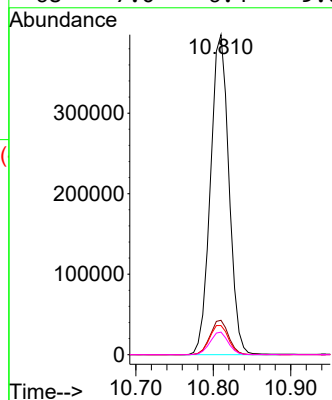
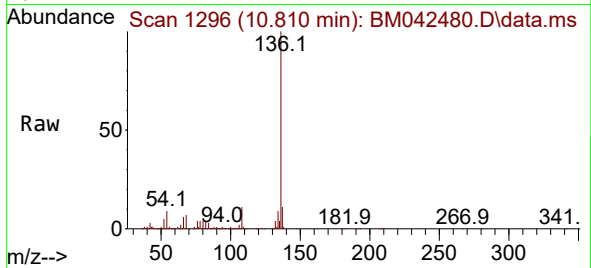




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

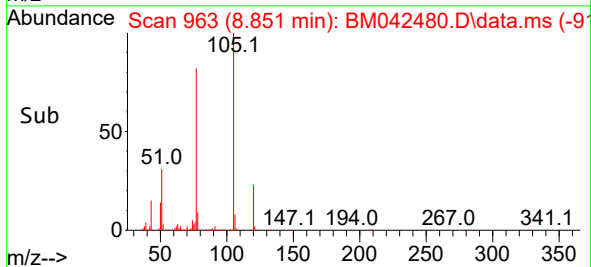
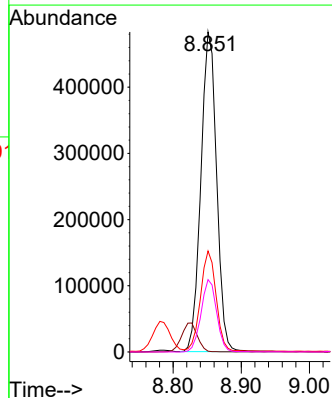
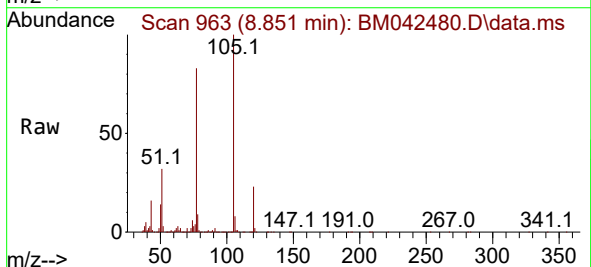
Instrument :
BNA_M
ClientSampleId :
PB156500BS

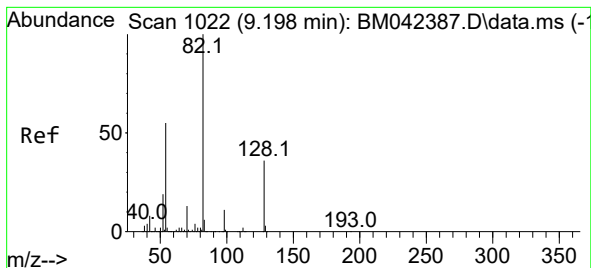
Tgt Ion:136 Resp: 657926
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.1 8.6 12.8
68 7.0 6.4 9.6



#22
Acetophenone
Concen: 43.179 ng
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:105 Resp: 775028
Ion Ratio Lower Upper
105 100
71 0.3 0.1 0.1#
51 31.5 27.1 40.7
120 22.6 17.3 25.9





#23

Nitrobenzene-d5

Concen: 82.769 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

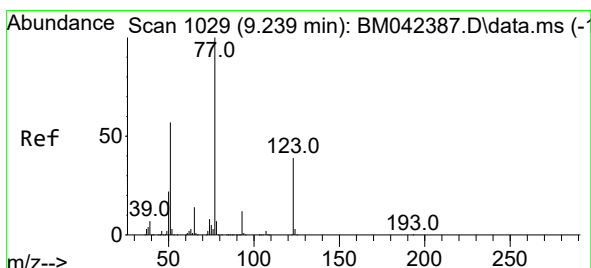
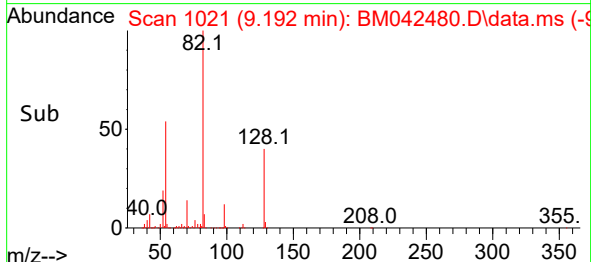
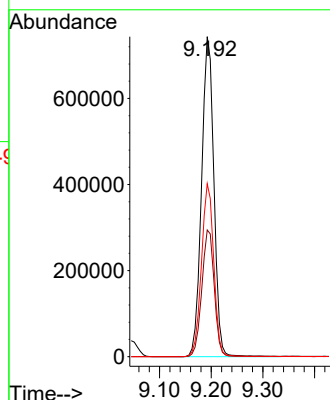
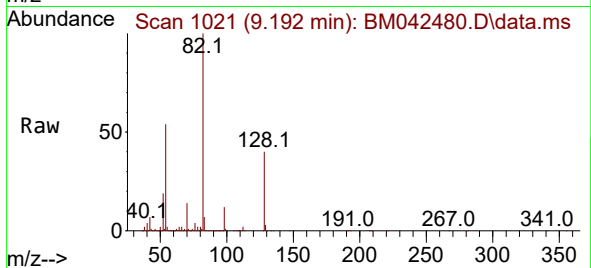
BNA_M

ClientSampleId :

PB156500BS

Tgt Ion: 82 Resp: 1231482

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.0	43.6
54	54.1	43.7	65.5



#24

Nitrobenzene

Concen: 41.250 ng

RT: 9.233 min Scan# 1028

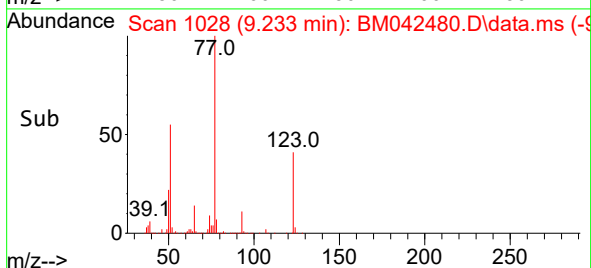
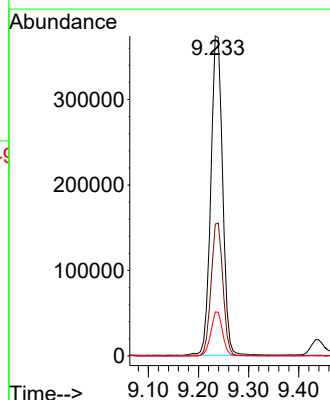
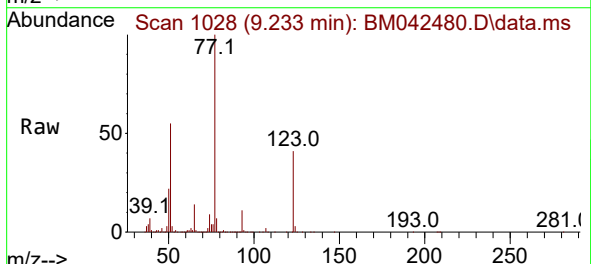
Delta R.T. -0.006 min

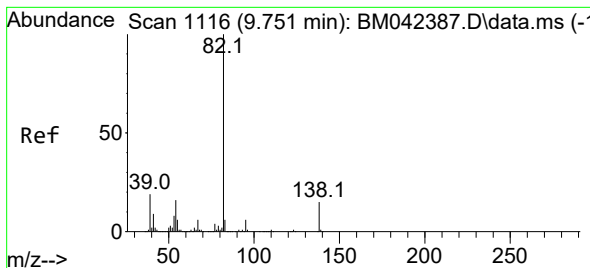
Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Tgt Ion: 77 Resp: 614021

Ion	Ratio	Lower	Upper
77	100		
123	41.2	31.2	46.8
65	13.8	11.4	17.0





#25

Isophorone

Concen: 43.470 ng

RT: 9.775 min Scan# 1116

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

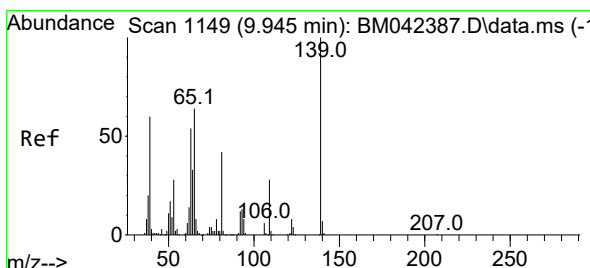
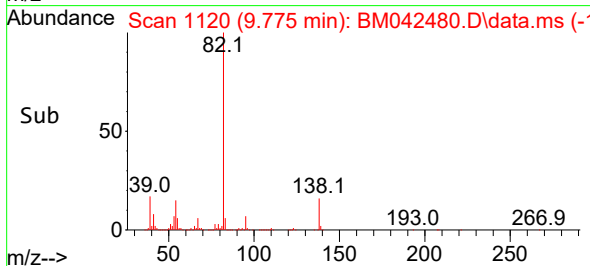
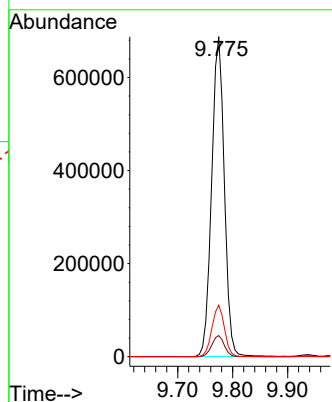
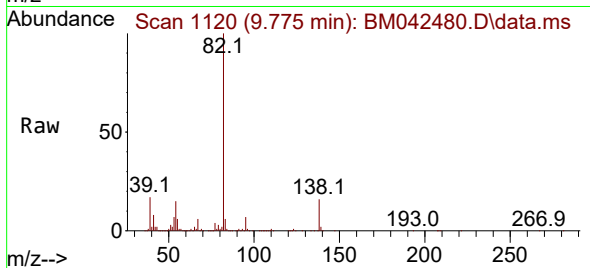
Tgt Ion: 82 Resp: 1099141

Ion Ratio Lower Upper

82 100

95 6.6 5.1 7.7

138 16.1 11.8 17.6



#26

2-Nitrophenol

Concen: 46.395 ng

RT: 9.933 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

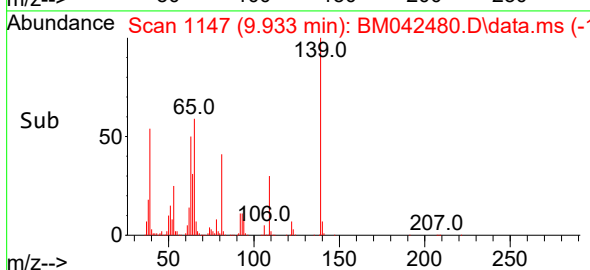
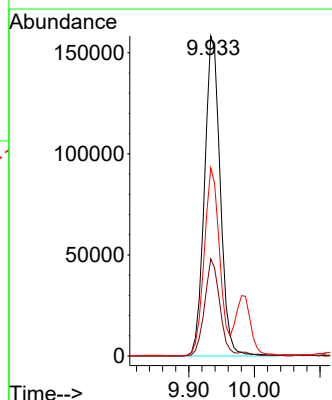
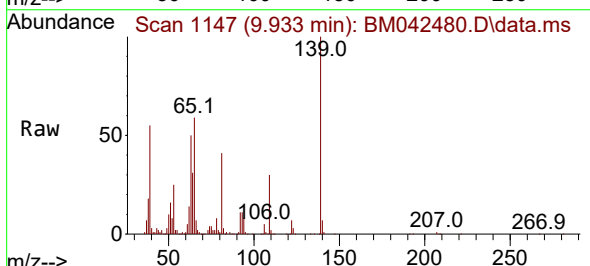
Tgt Ion: 139 Resp: 265247

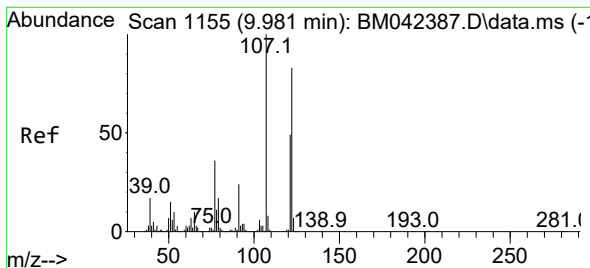
Ion Ratio Lower Upper

139 100

109 30.3 22.3 33.5

65 58.8 51.1 76.7

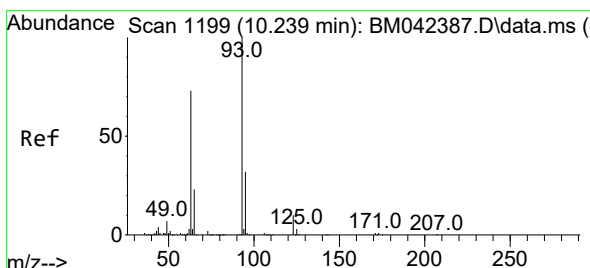
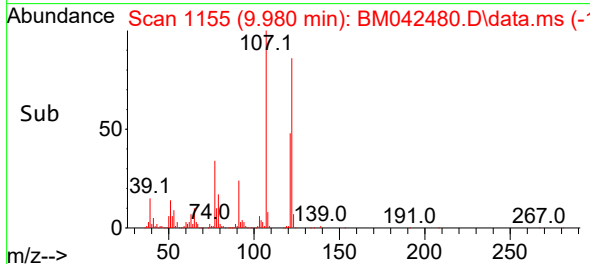
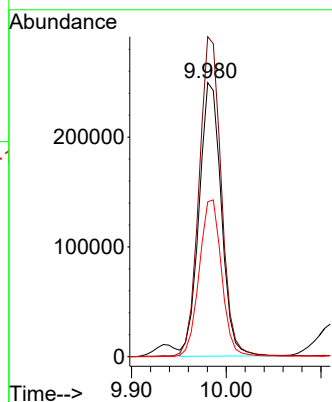
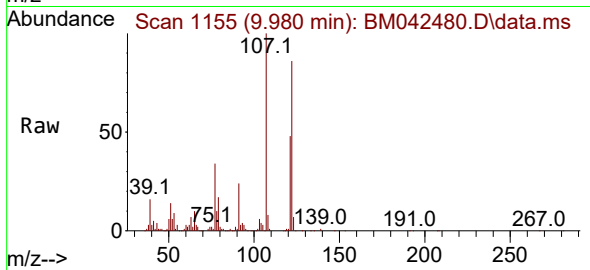




#27
 2,4-Dimethylphenol
 Concen: 39.421 ng
 RT: 9.980 min Scan# 1155
 Delta R.T. -0.006 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

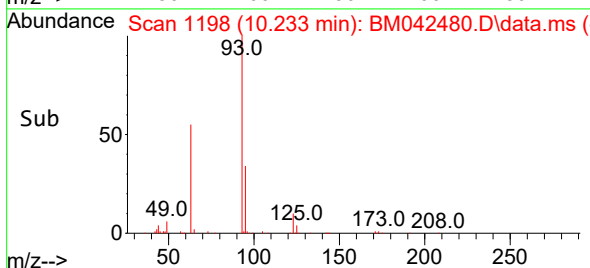
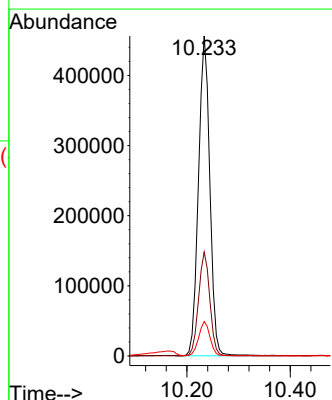
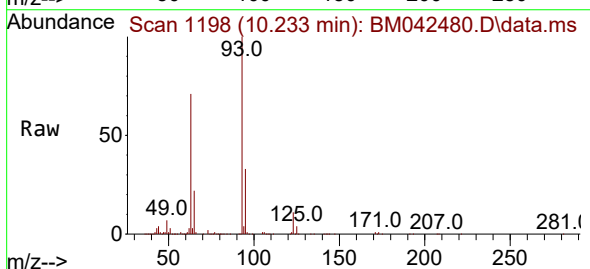
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

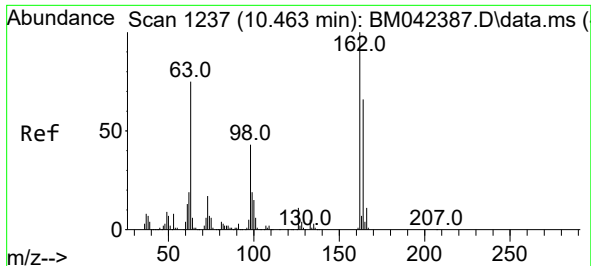
Tgt Ion:122 Resp: 404312
 Ion Ratio Lower Upper
 122 100
 107 116.7 96.3 144.5
 121 56.5 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.351 ng
 RT: 10.233 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

Tgt Ion: 93 Resp: 694467
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.6
 123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 50.557 ng

RT: 10.463 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

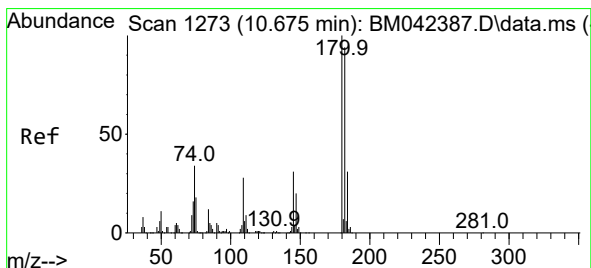
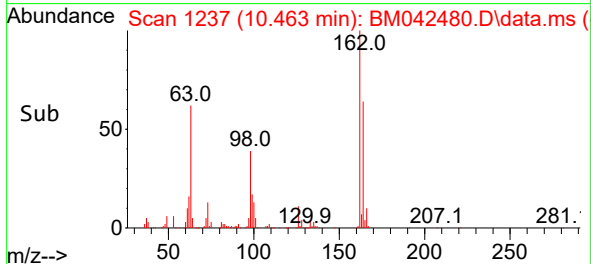
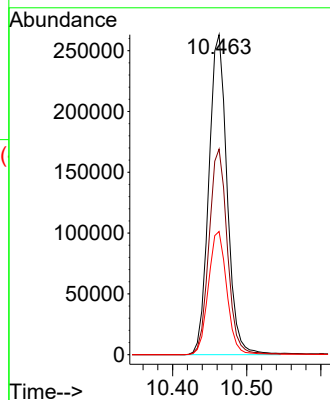
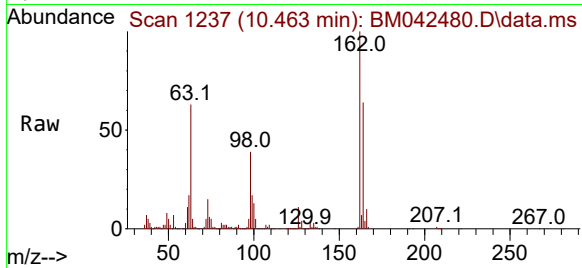
Tgt Ion:162 Resp: 450925

Ion Ratio Lower Upper

162 100

164 64.3 45.9 85.9

98 38.5 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 51.669 ng

RT: 10.657 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

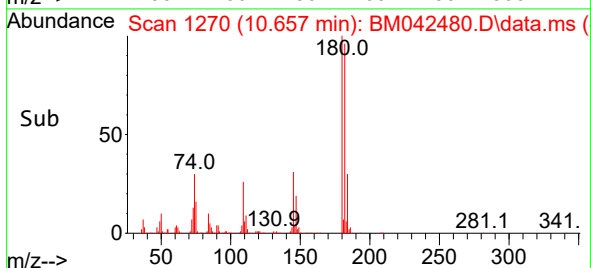
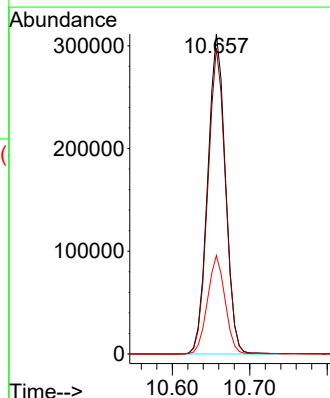
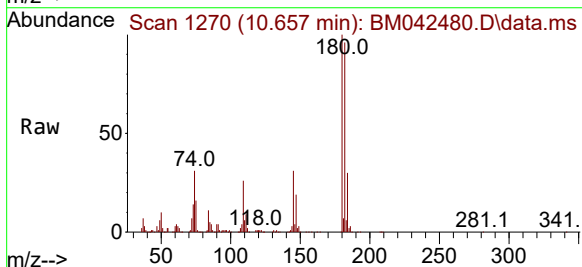
Tgt Ion:180 Resp: 494045

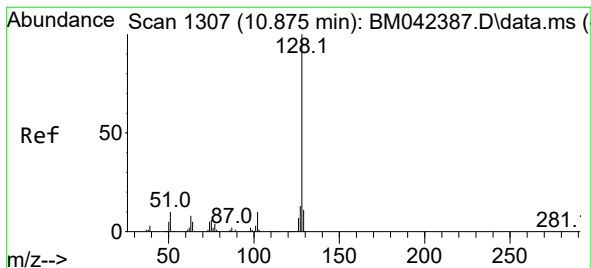
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.4

145 30.8 24.6 36.8

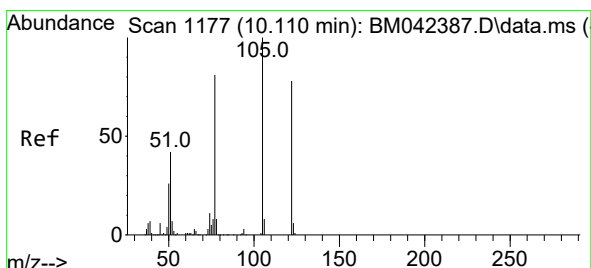
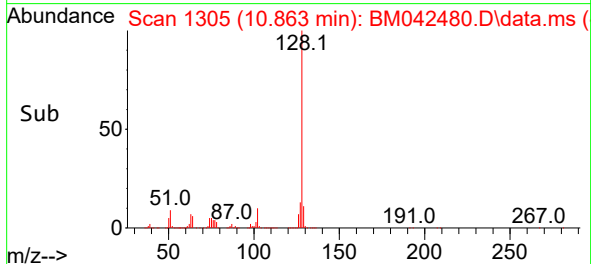
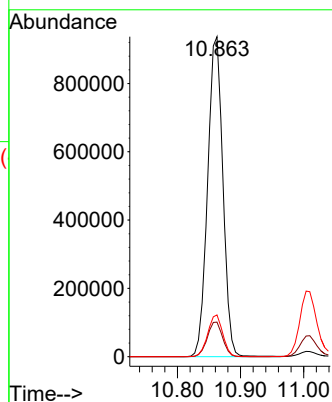
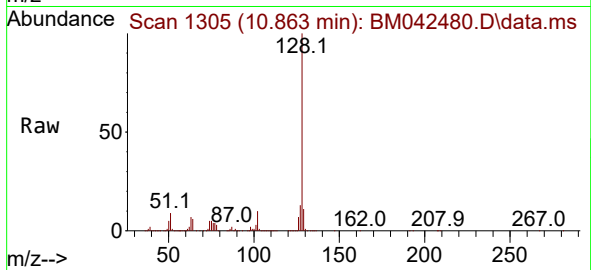




#31
Naphthalene
Concen: 46.409 ng
RT: 10.863 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

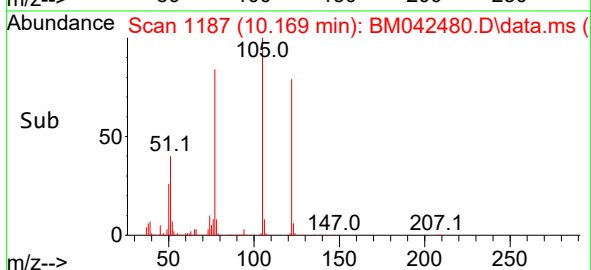
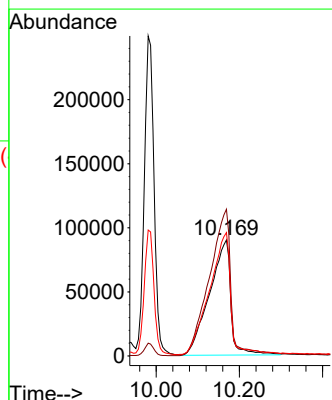
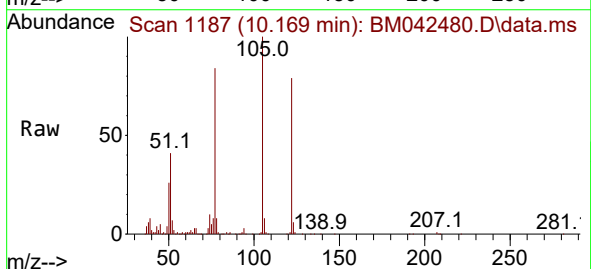
Instrument :
BNA_M
ClientSampleId :
PB156500BS

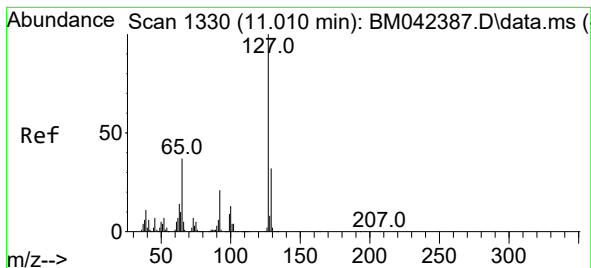
Tgt Ion:128 Resp: 1568341
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 43.256 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:122 Resp: 320045
Ion Ratio Lower Upper
122 100
105 126.4 104.9 144.9
77 106.3 83.4 123.4





#33

4-Chloroaniline

Concen: 26.473 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

Tgt Ion:127 Resp: 388416

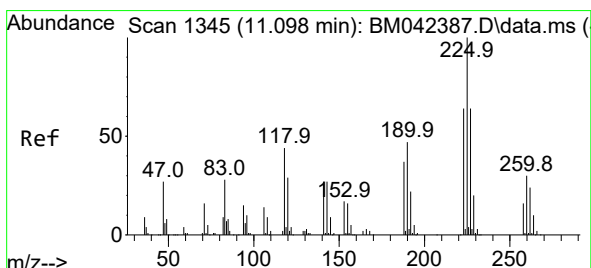
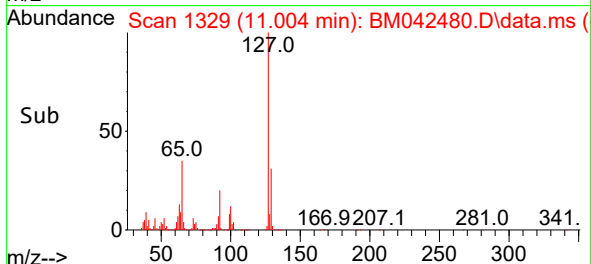
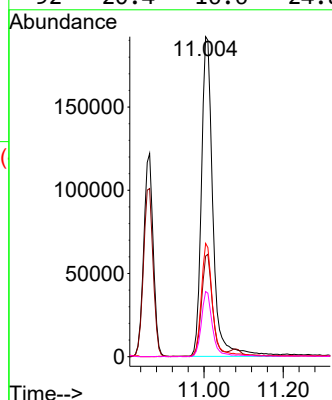
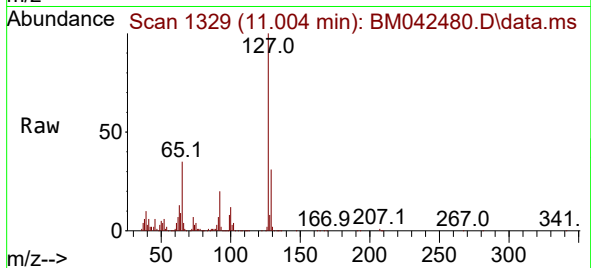
Ion Ratio Lower Upper

127 100

129 31.5 25.3 37.9

65 35.4 29.6 44.4

92 20.4 16.6 24.8



#34

Hexachlorobutadiene

Concen: 56.824 ng

RT: 11.080 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

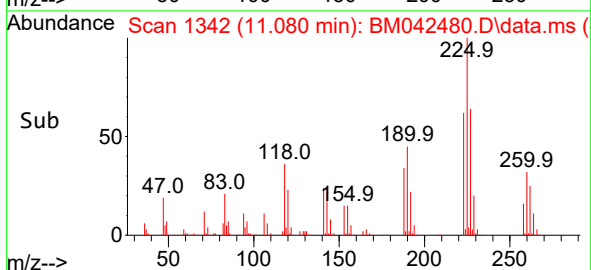
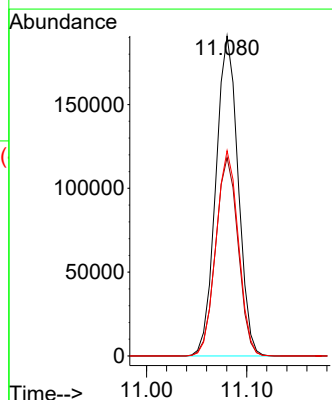
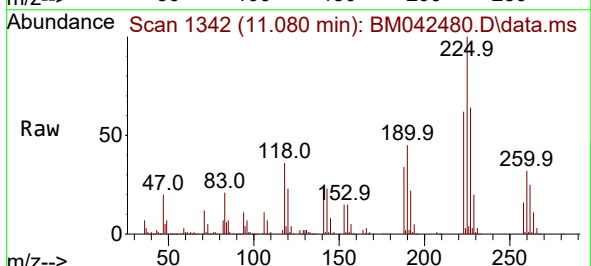
Tgt Ion:225 Resp: 294013

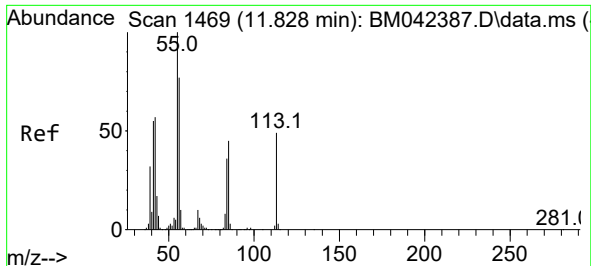
Ion Ratio Lower Upper

225 100

223 62.0 51.5 77.3

227 64.1 51.3 76.9

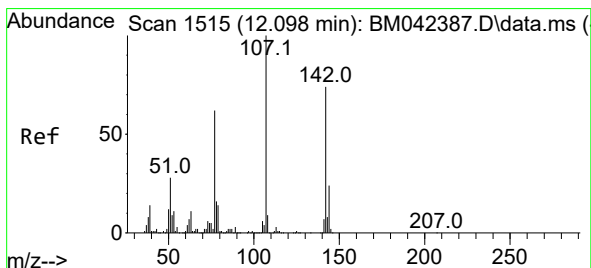
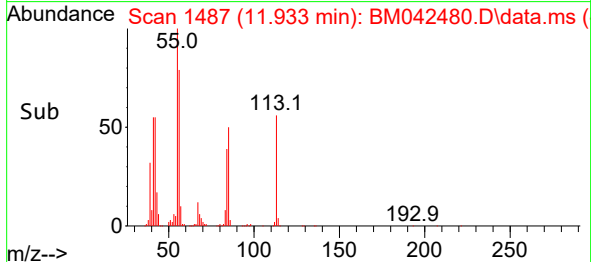
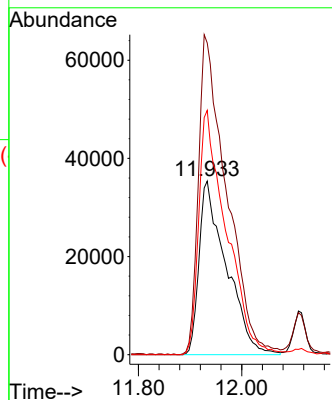
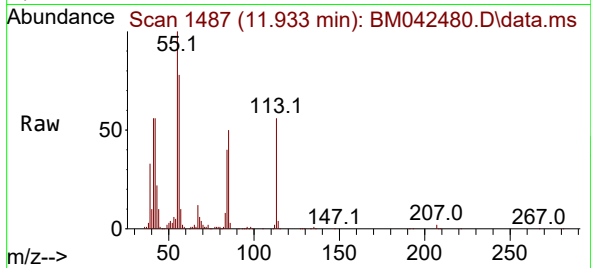




#35
 Caprolactam
 Concen: 38.024 ng
 RT: 11.933 min Scan# 1469
 Delta R.T. -0.012 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

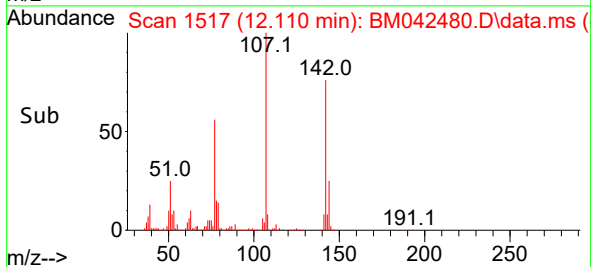
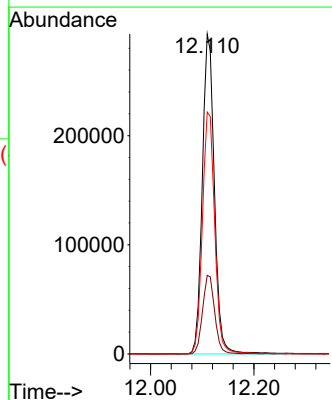
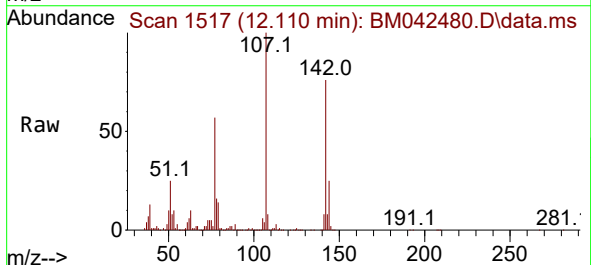
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

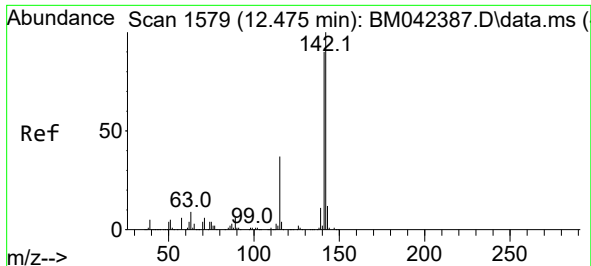
Tgt Ion:113 Resp: 129647
 Ion Ratio Lower Upper
 113 100
 55 179.6 185.6 225.6#
 56 140.8 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.168 ng
 RT: 12.110 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

Tgt Ion:107 Resp: 475393
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.9 28.3
 142 75.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 44.722 ng

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

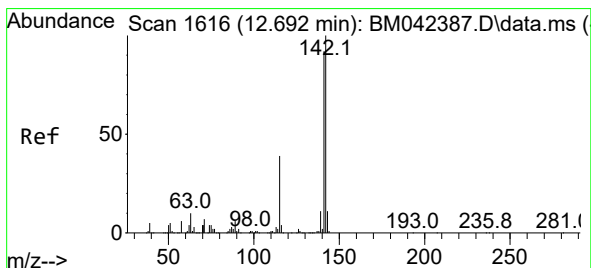
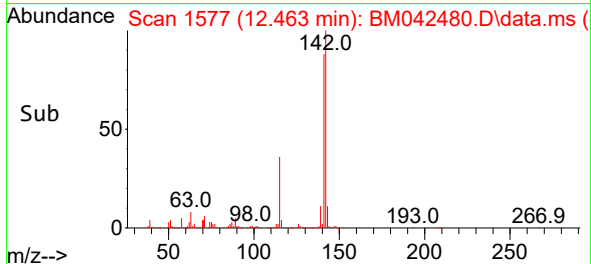
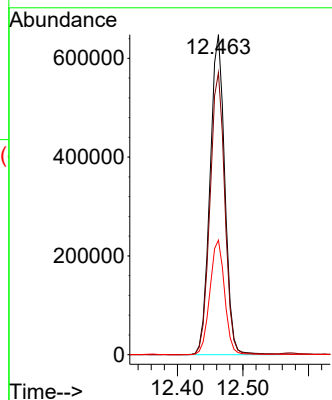
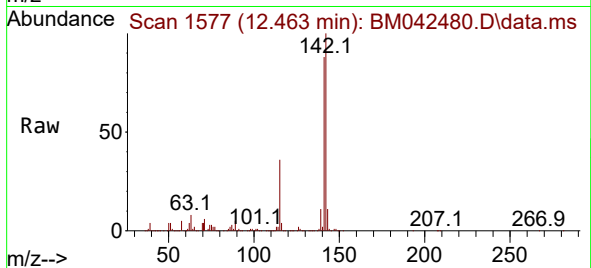
Tgt Ion:142 Resp: 1017369

Ion Ratio Lower Upper

142 100

141 88.1 72.0 108.0

115 35.8 29.4 44.2



#38

1-Methylnaphthalene

Concen: 46.019 ng

RT: 12.680 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

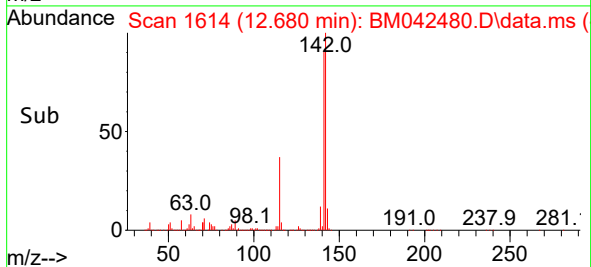
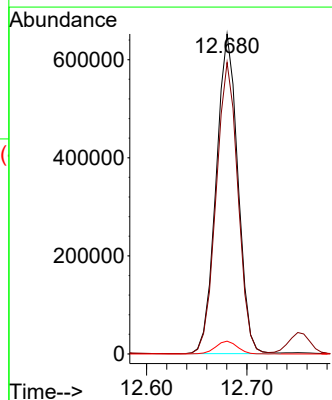
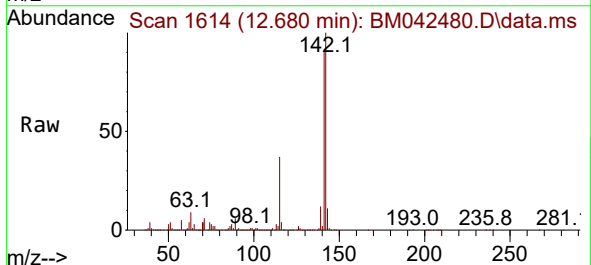
Tgt Ion:142 Resp: 980733

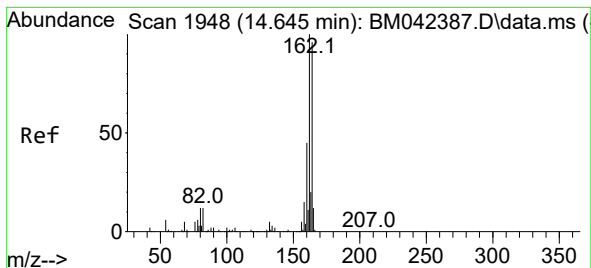
Ion Ratio Lower Upper

142 100

141 91.1 73.8 110.6

116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1946

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

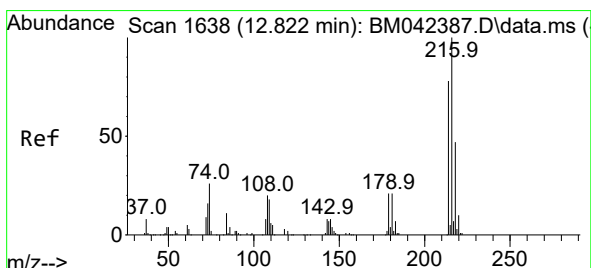
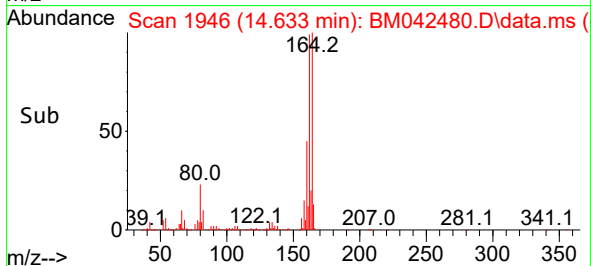
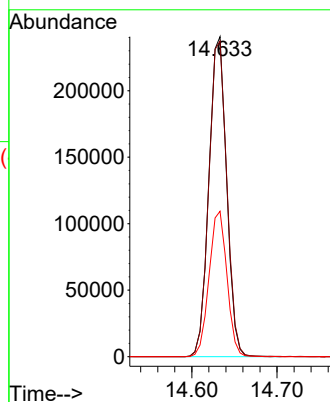
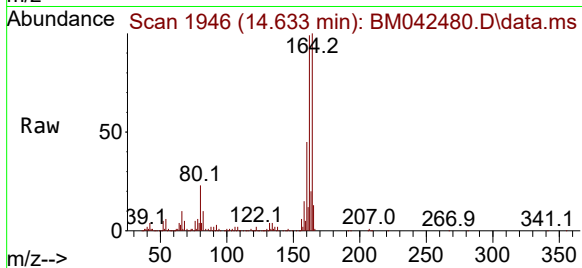
Tgt Ion:164 Resp: 346589

Ion Ratio Lower Upper

164 100

162 98.7 83.0 124.4

160 45.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.556 ng

RT: 12.810 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Tgt Ion:216 Resp: 516577

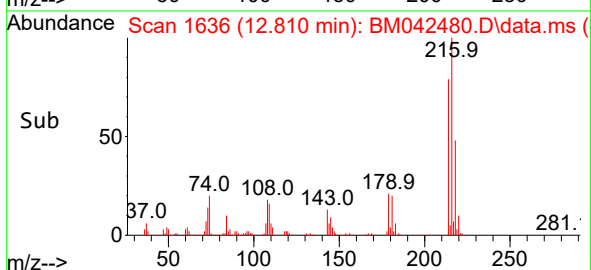
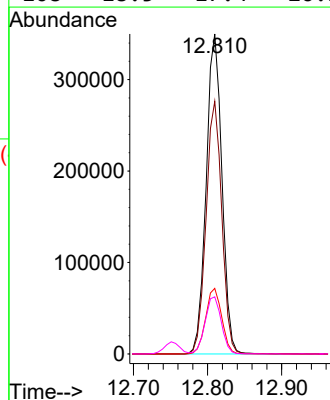
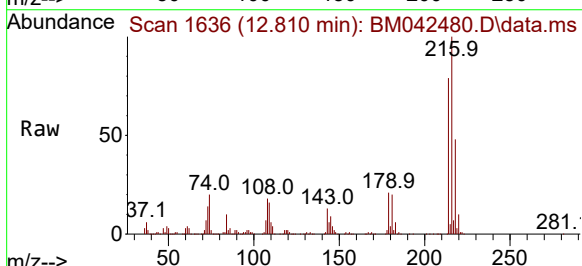
Ion Ratio Lower Upper

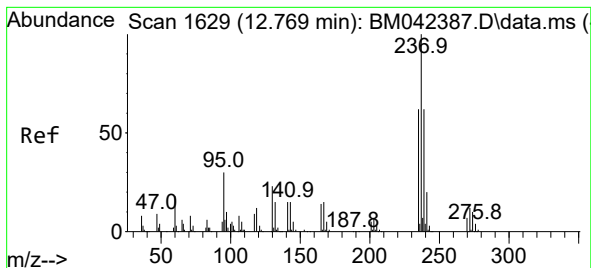
216 100

214 78.8 63.0 94.4

179 21.0 17.2 25.8

108 18.5 17.4 26.2





#41

Hexachlorocyclopentadiene

Concen: 91.905 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

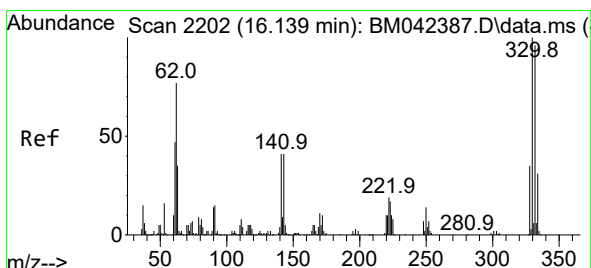
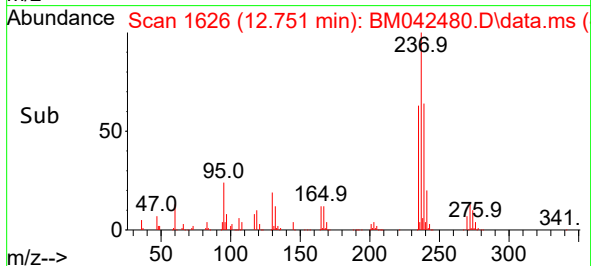
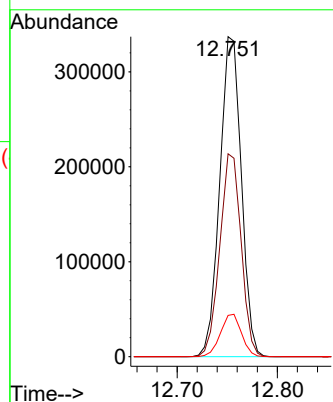
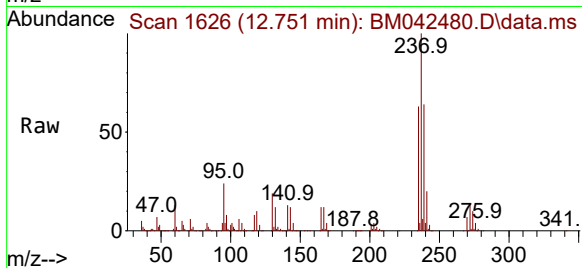
Tgt Ion:237 Resp: 503222

Ion Ratio Lower Upper

237 100

235 63.4 41.5 81.5

272 12.9 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 150.730 ng

RT: 16.127 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

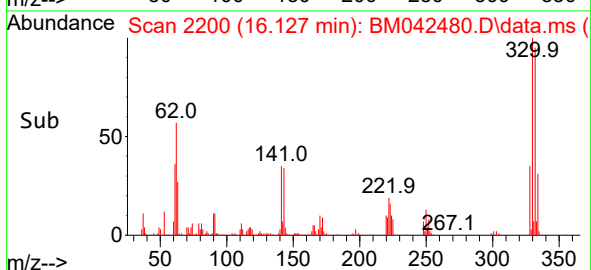
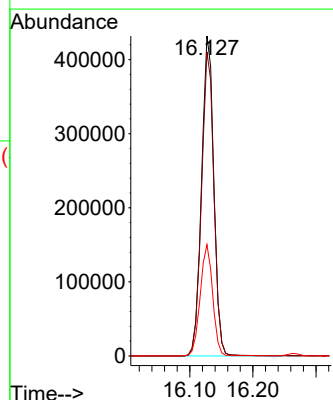
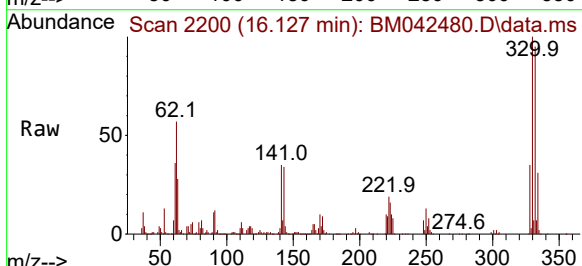
Tgt Ion:330 Resp: 583009

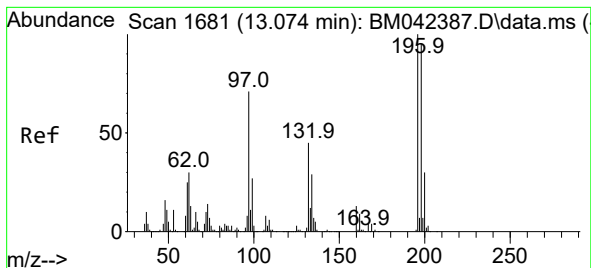
Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

141 35.4 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 51.962 ng

RT: 13.068 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

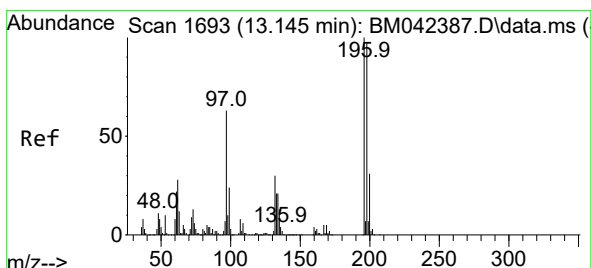
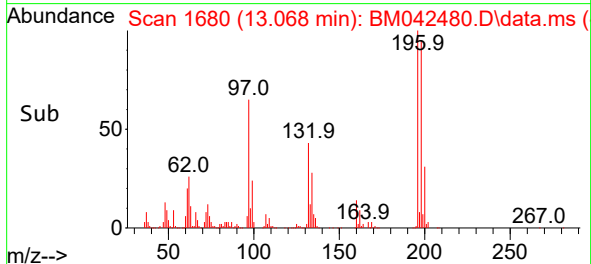
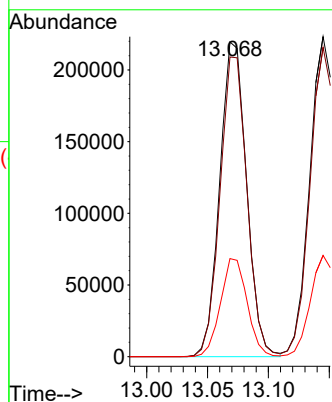
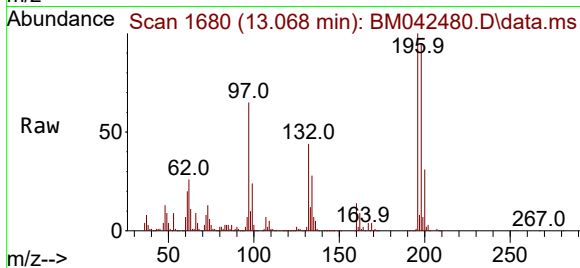
Tgt Ion:196 Resp: 337038

Ion Ratio Lower Upper

196 100

198 95.2 76.3 114.5

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.840 ng

RT: 13.145 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Tgt Ion:196 Resp: 359148

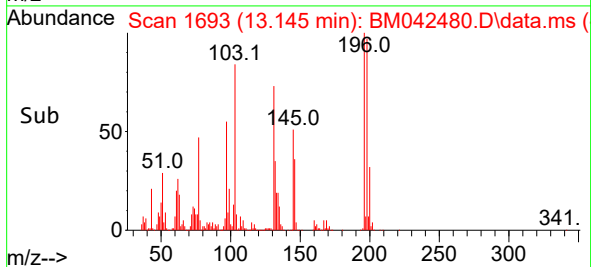
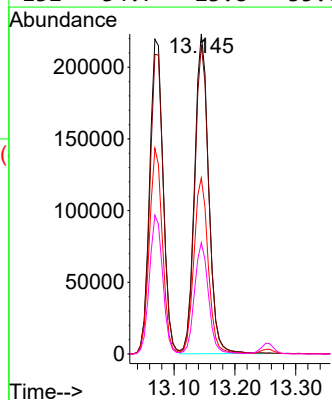
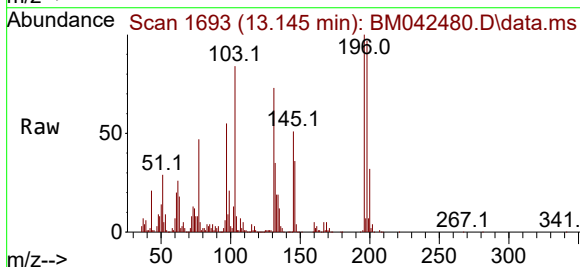
Ion Ratio Lower Upper

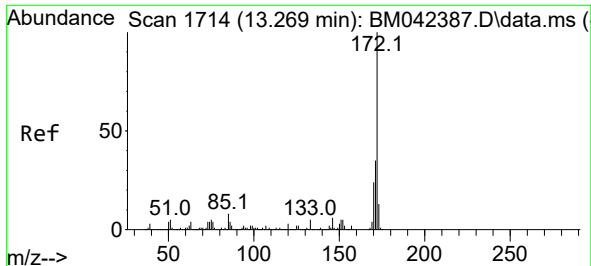
196 100

198 96.6 77.9 116.9

97 55.0 50.9 76.3

132 34.7 23.8 35.6

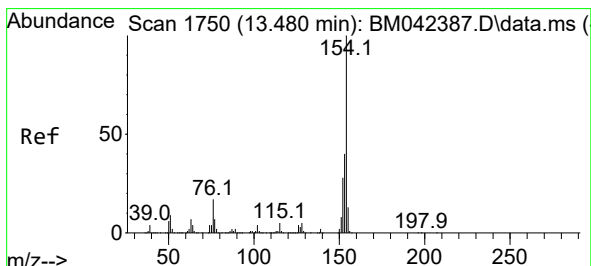
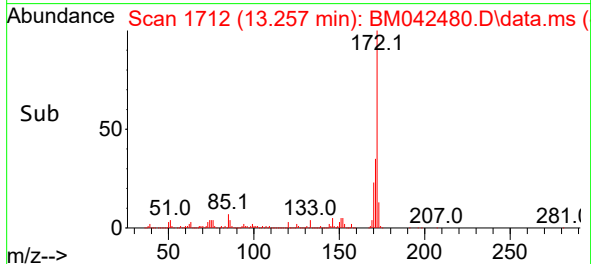
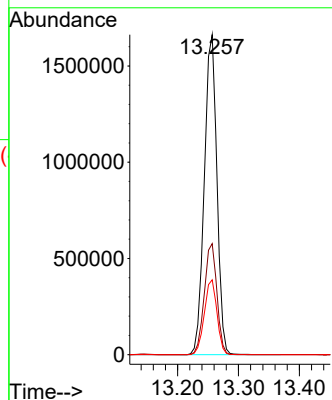
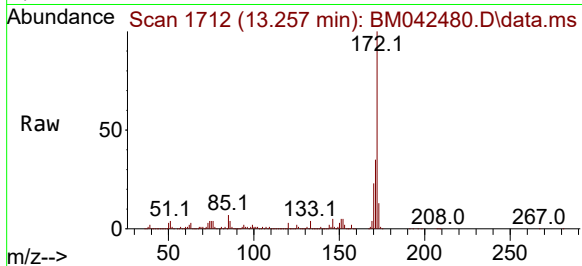




#45
2-Fluorobiphenyl
Concen: 92.703 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

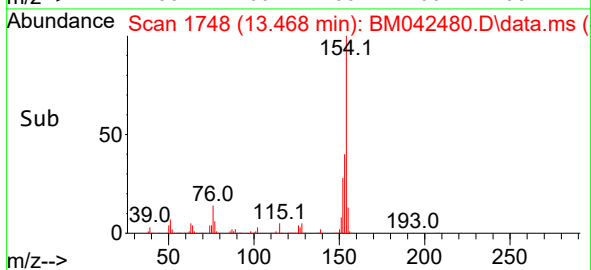
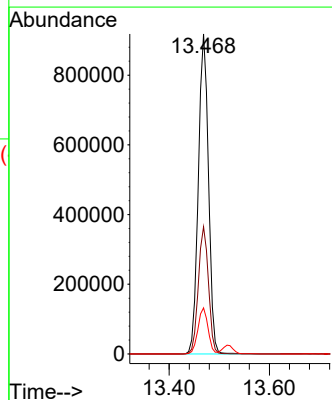
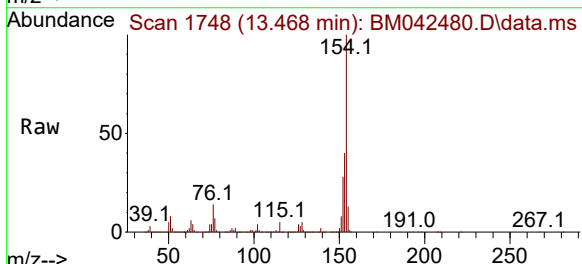
Instrument :
BNA_M
ClientSampleId :
PB156500BS

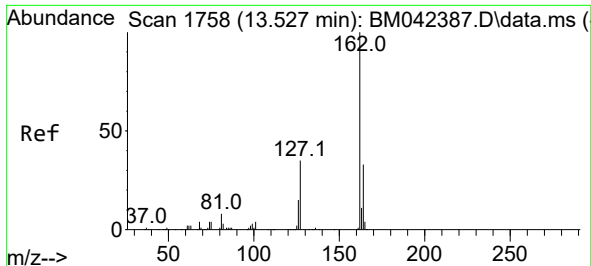
Tgt Ion:172 Resp: 2385984
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.791 ng
RT: 13.468 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:154 Resp: 1286534
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 14.4 0.0 36.9

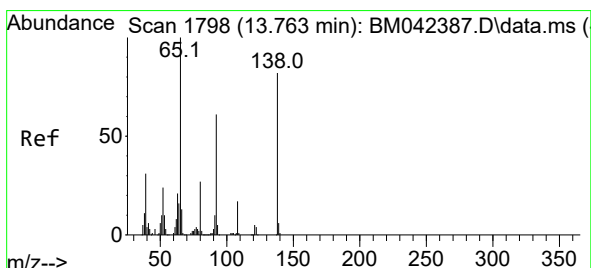
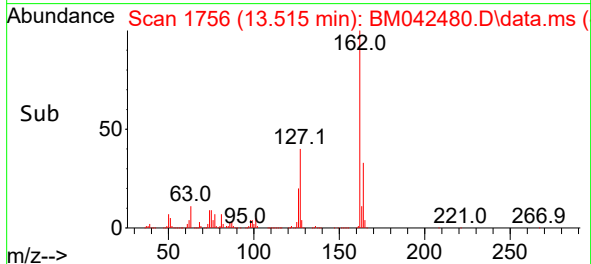
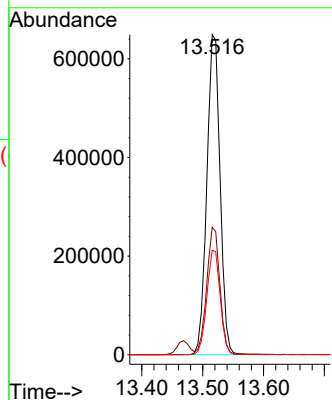
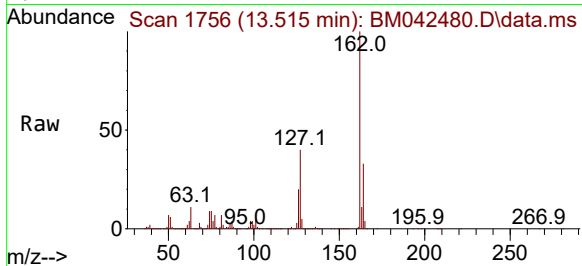




#47
2-Chloronaphthalene
Concen: 48.636 ng
RT: 13.515 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

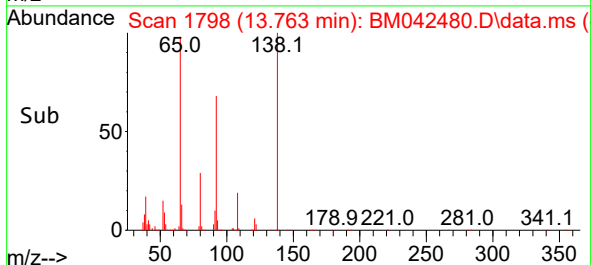
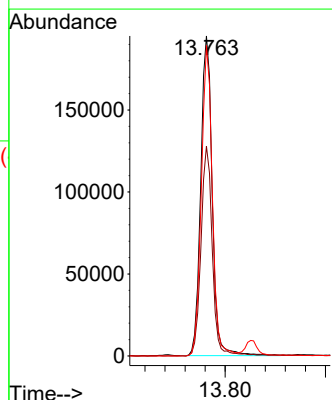
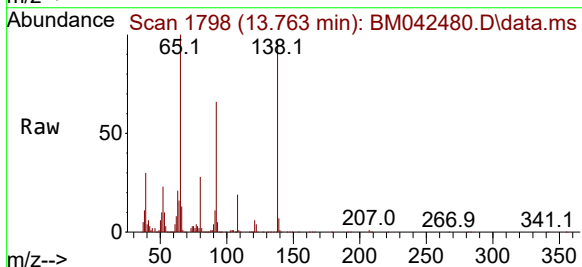
Instrument :
BNA_M
ClientSampleId :
PB156500BS

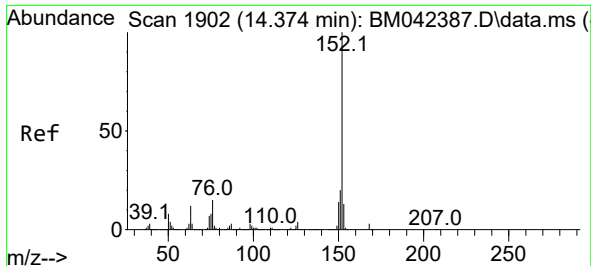
Tgt Ion:162 Resp: 981087
Ion Ratio Lower Upper
162 100
127 39.8 32.2 48.2
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 35.746 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion: 65 Resp: 309616
Ion Ratio Lower Upper
65 100
92 65.6 49.0 73.6
138 97.0 65.5 98.3

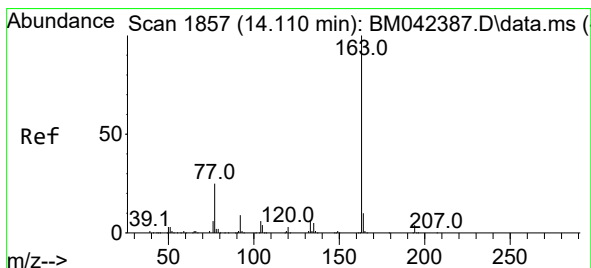
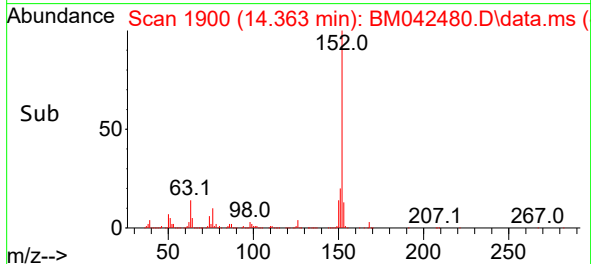
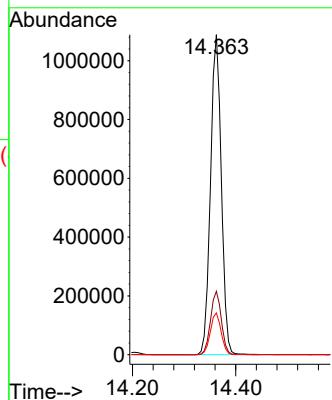
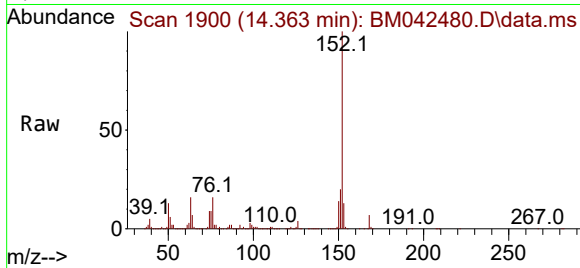




#49
Acenaphthylene
Concen: 48.402 ng
RT: 14.363 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

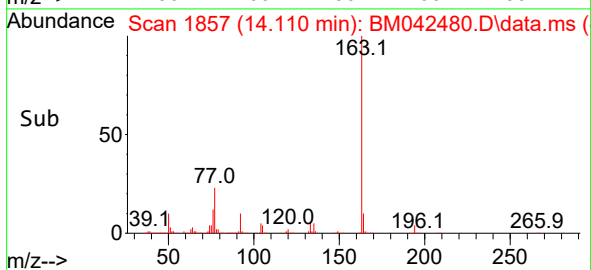
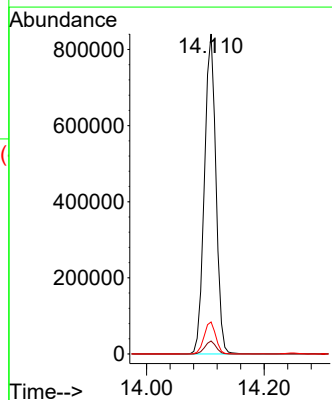
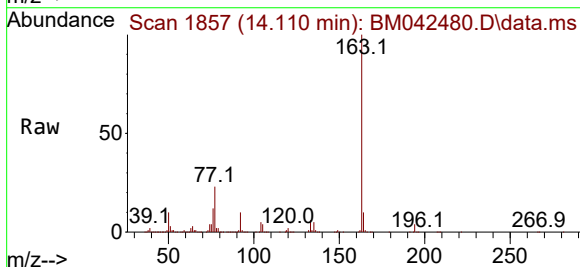
Instrument :
BNA_M
ClientSampleId :
PB156500BS

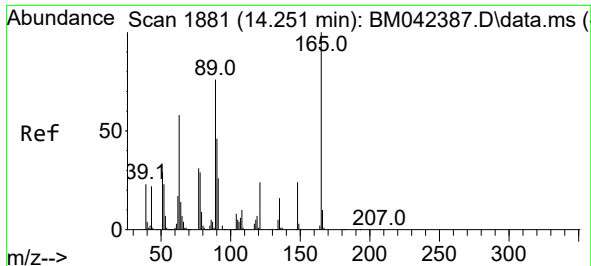
Tgt Ion:152 Resp: 1576246
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 44.733 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:163 Resp: 1137211
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.0 7.9 11.9

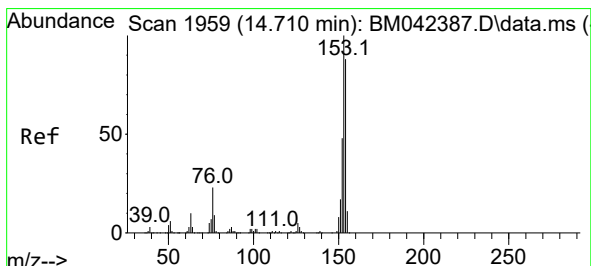
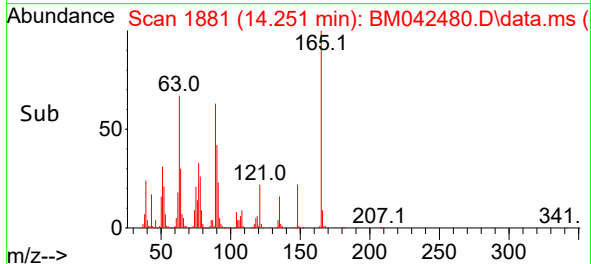
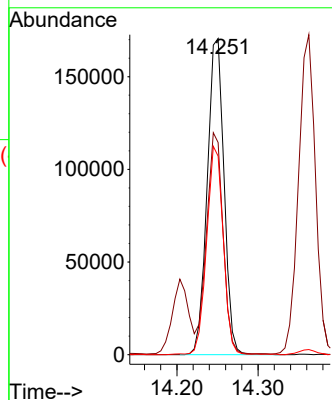
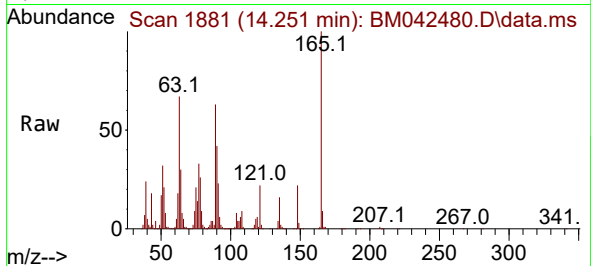




#51
2,6-Dinitrotoluene
Concen: 42.948 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

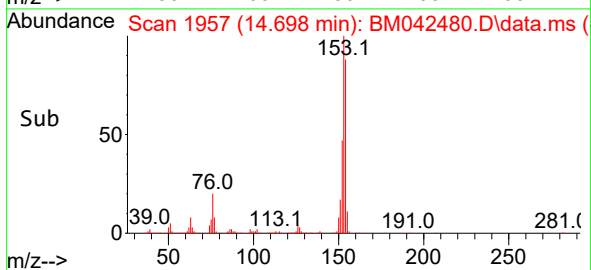
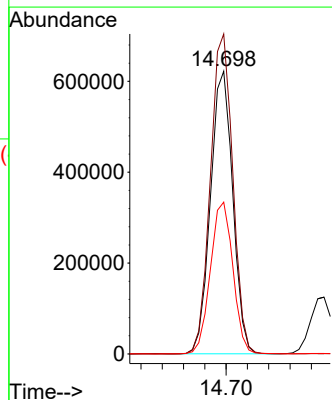
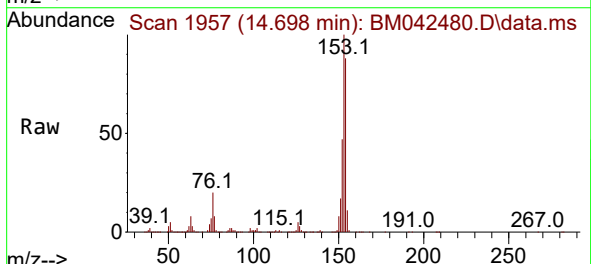
Instrument :
BNA_M
ClientSampleId :
PB156500BS

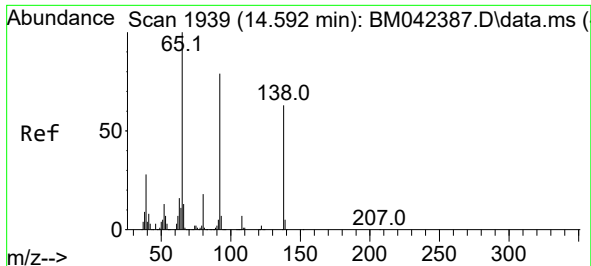
Tgt Ion:165 Resp: 244676
Ion Ratio Lower Upper
165 100
63 67.1 65.3 97.9
89 62.8 60.6 91.0



#52
Acenaphthene
Concen: 45.838 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:154 Resp: 902481
Ion Ratio Lower Upper
154 100
153 113.2 91.1 136.7
152 53.7 44.0 66.0

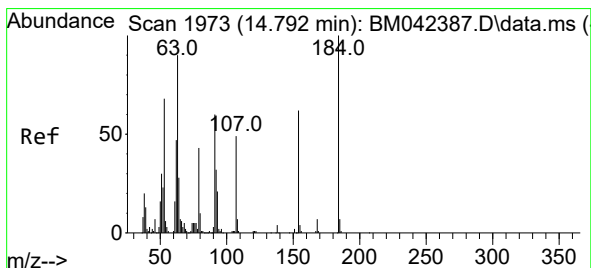
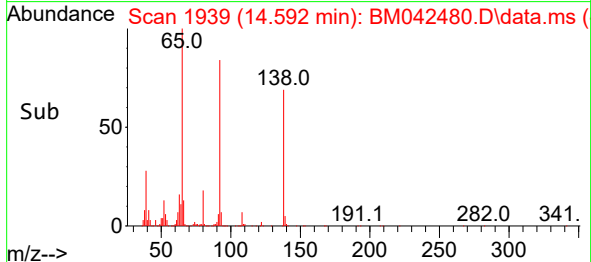
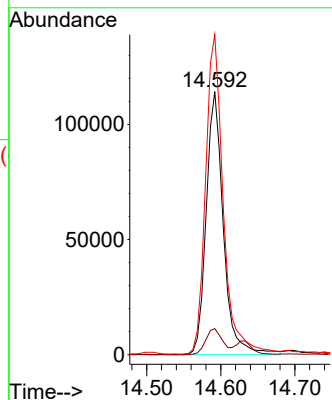
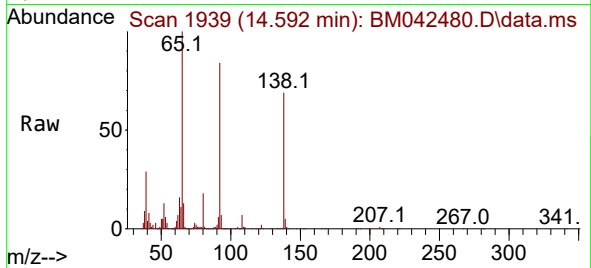




#53
3-Nitroaniline
Concen: 28.459 ng
RT: 14.592 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

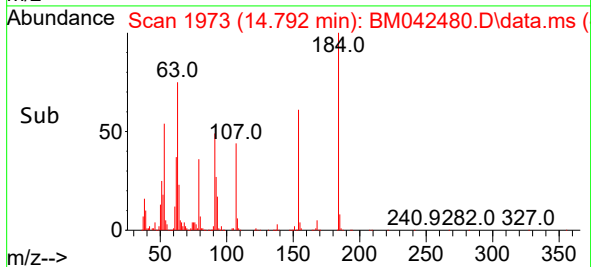
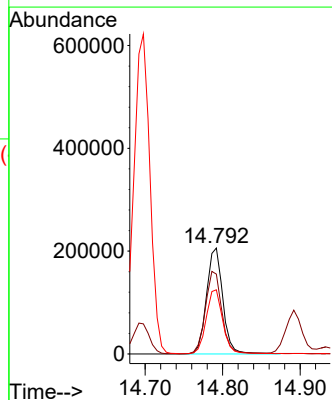
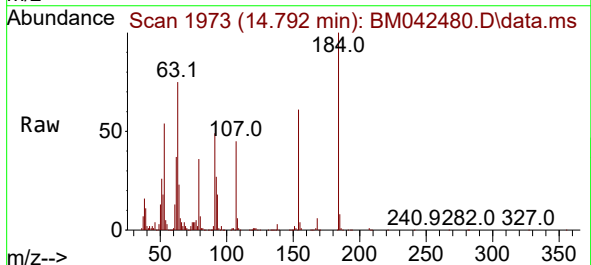
Instrument :
BNA_M
ClientSampleId :
PB156500BS

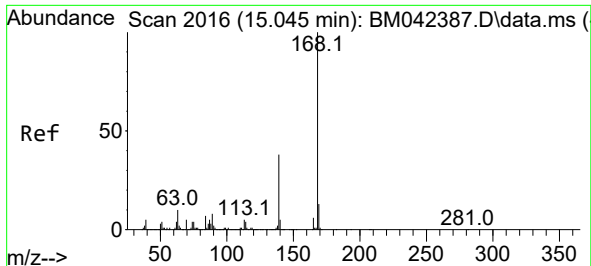
Tgt Ion:138 Resp: 184000
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 121.7 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 84.164 ng
RT: 14.792 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:184 Resp: 300941
Ion Ratio Lower Upper
184 100
63 75.5 72.2 108.2
154 60.6 49.6 74.4

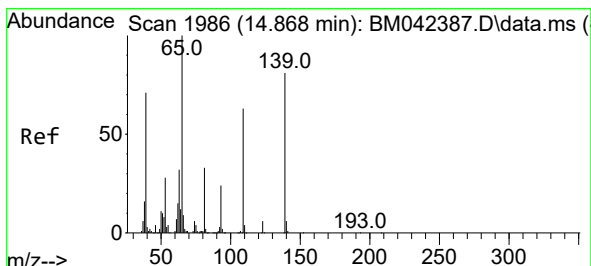
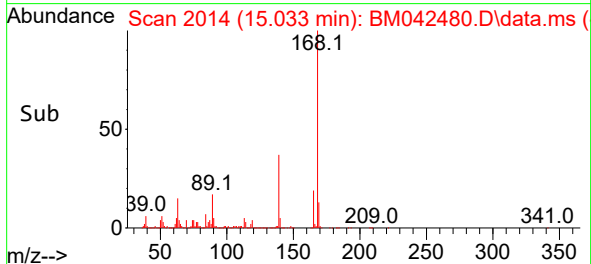
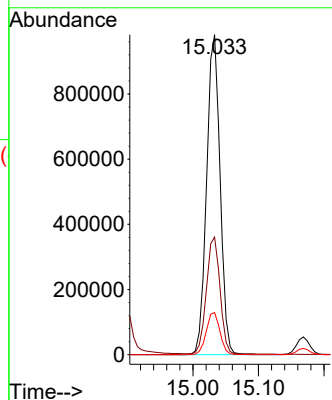
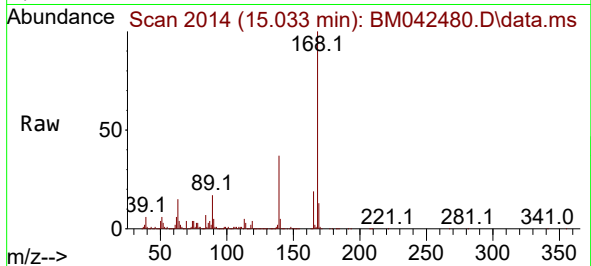




#55
Dibenzenofuran
Concen: 45.112 ng
RT: 15.033 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

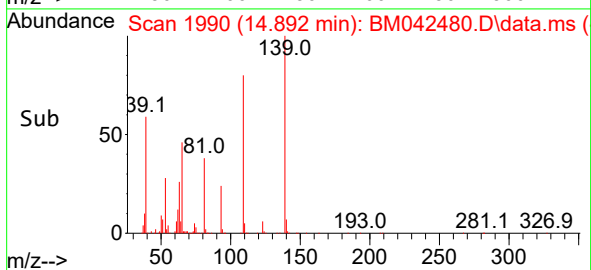
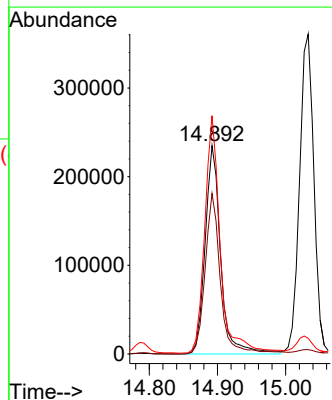
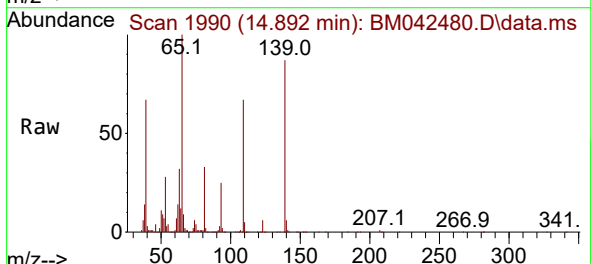
Instrument :
BNA_M
ClientSampleId :
PB156500BS

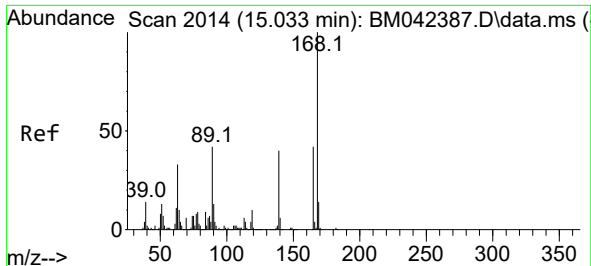
Tgt Ion:168 Resp: 1404819
Ion Ratio Lower Upper
168 100
139 36.7 30.6 46.0
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 72.186 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:139 Resp: 373757
Ion Ratio Lower Upper
139 100
109 77.0 58.0 98.0
65 114.3 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 40.434 ng

RT: 15.027 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

Tgt Ion:165 Resp: 305050

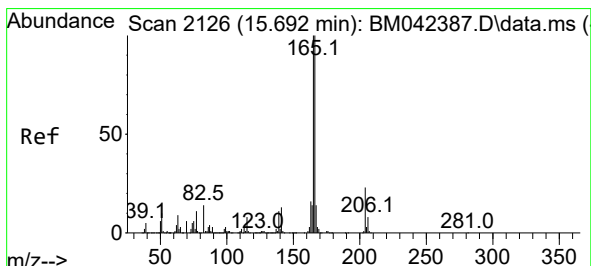
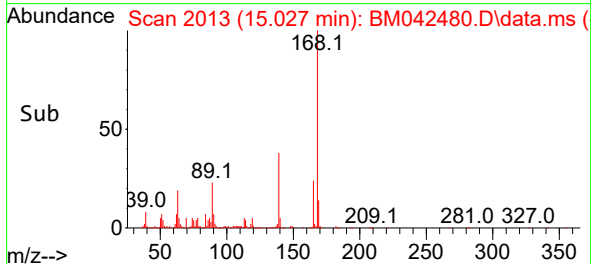
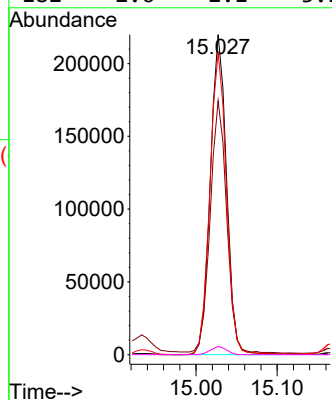
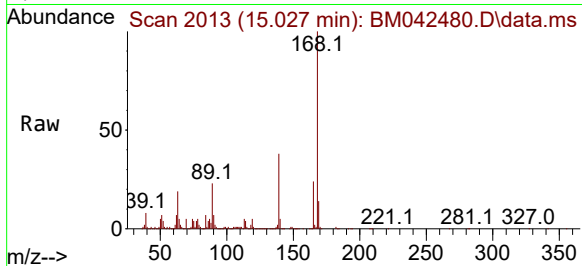
Ion Ratio Lower Upper

165 100

63 79.3 62.9 94.3

89 94.5 80.2 120.2

182 2.6 2.1 3.1



#58

Fluorene

Concen: 45.449 ng

RT: 15.680 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

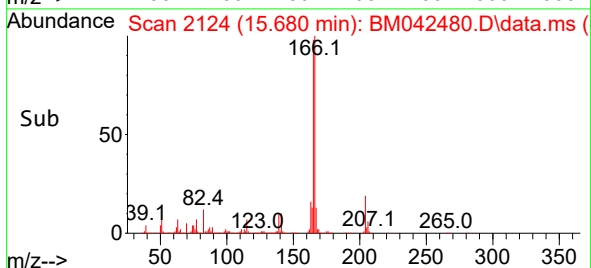
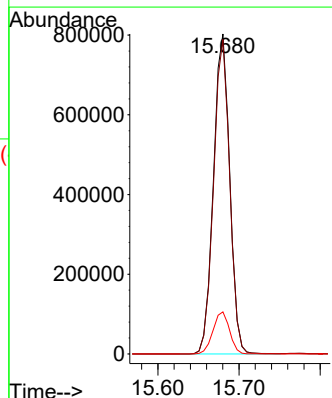
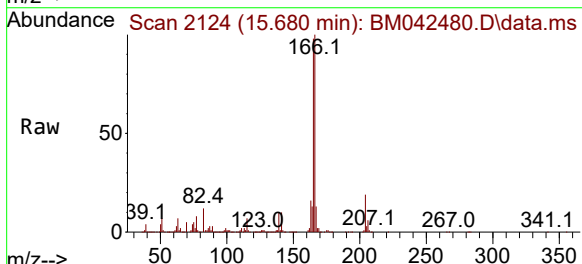
Tgt Ion:166 Resp: 1116833

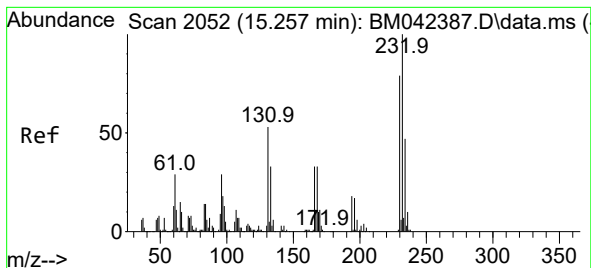
Ion Ratio Lower Upper

166 100

165 98.3 79.6 119.4

167 13.2 10.9 16.3

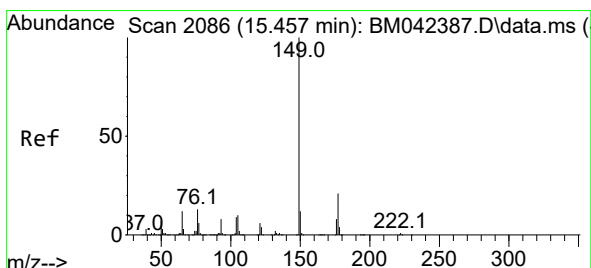
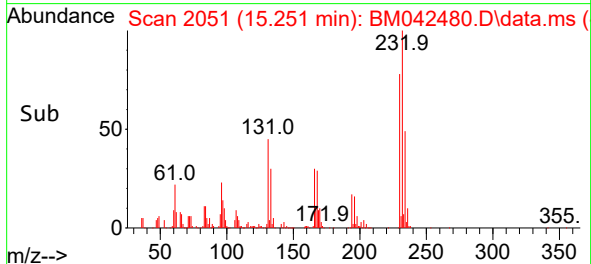
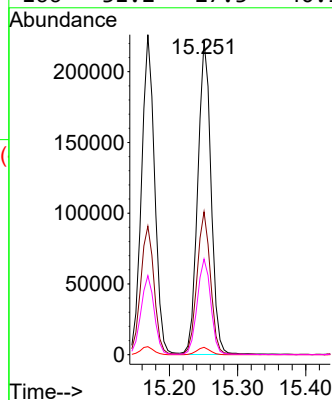
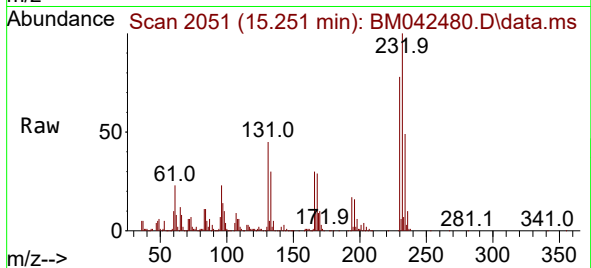




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.886 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

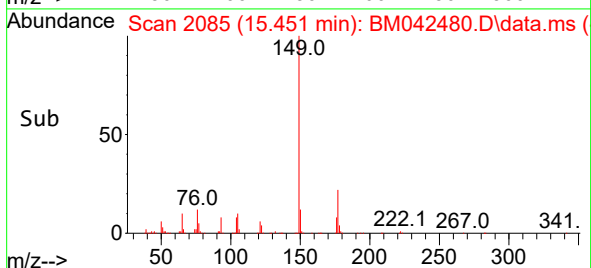
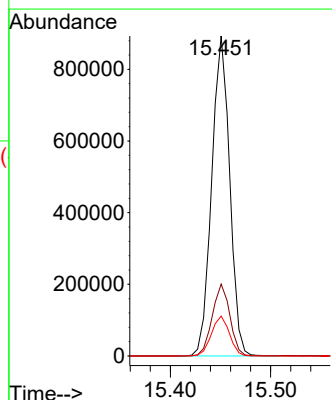
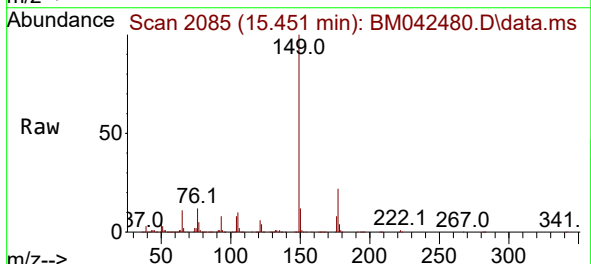
Instrument :
BNA_M
ClientSampleId :
PB156500BS

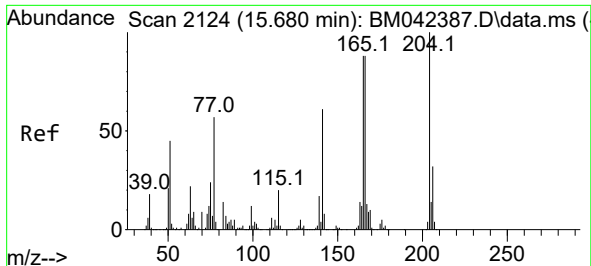
Tgt Ion:232 Resp: 298867
Ion Ratio Lower Upper
232 100
131 45.6 42.8 64.2
130 2.3 2.2 3.2
166 31.2 27.3 40.9



#60
Diethylphthalate
Concen: 44.244 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:149 Resp: 1109985
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.4 9.8 14.6

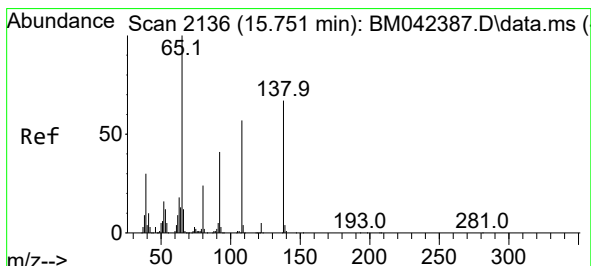
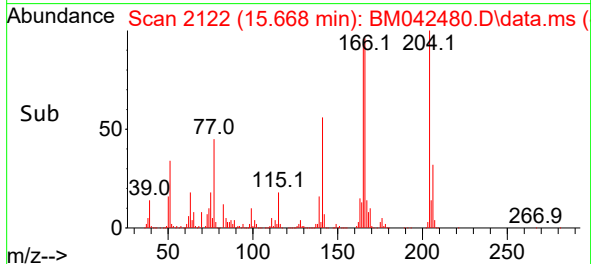
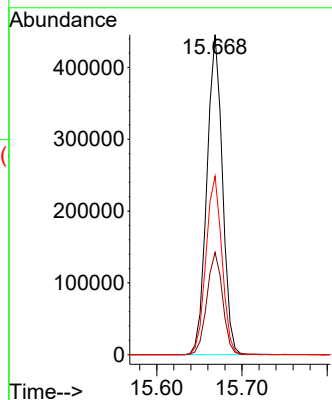
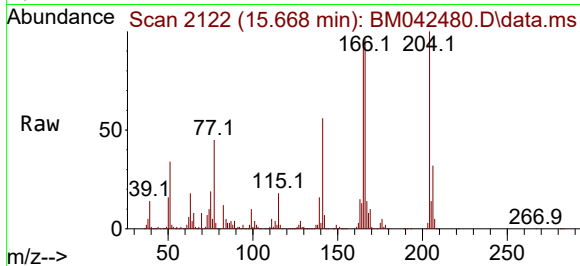




#61
4-Chlorophenyl-phenylether
Concen: 48.786 ng
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

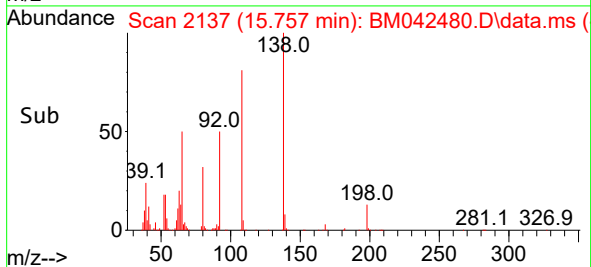
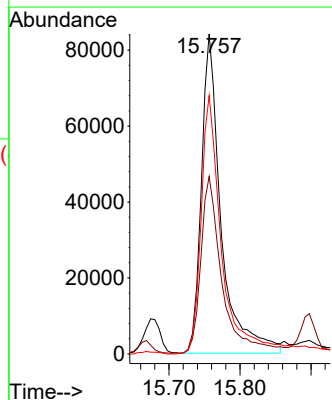
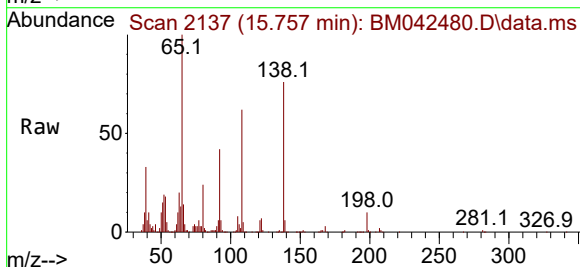
Instrument :
BNA_M
ClientSampleId :
PB156500BS

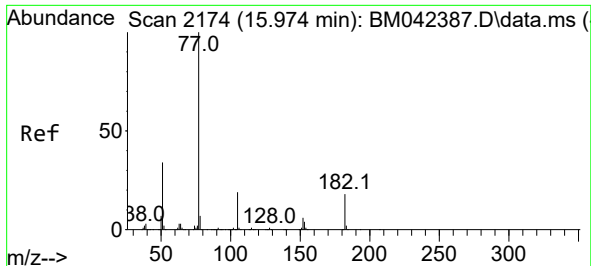
Tgt Ion:204 Resp: 564581
Ion Ratio Lower Upper
204 100
206 32.0 25.4 38.0
141 55.8 49.1 73.7



#62
4-Nitroaniline
Concen: 26.733 ng
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:138 Resp: 162656
Ion Ratio Lower Upper
138 100
92 55.5 40.4 80.4
108 80.8 65.3 105.3

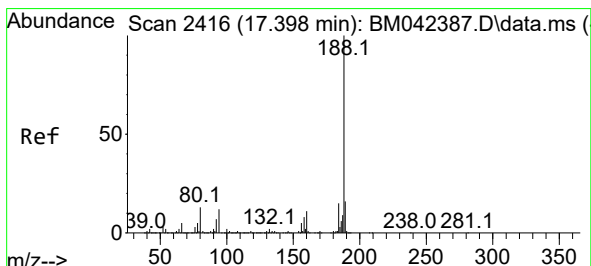
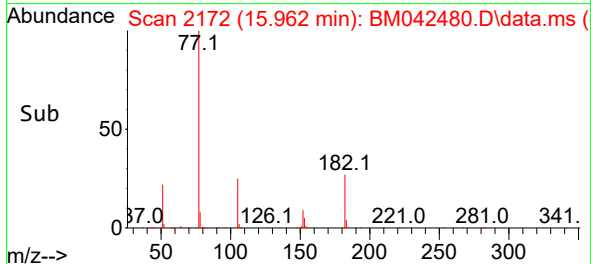
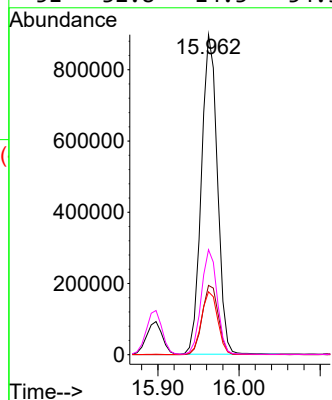
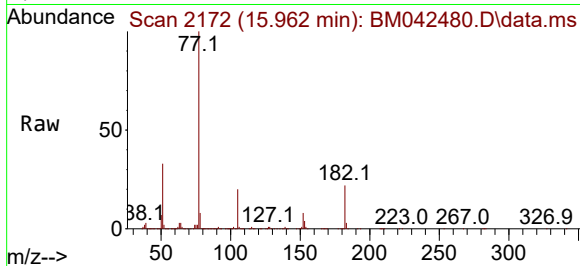




#63
Azobenzene
Concen: 40.776 ng
RT: 15.962 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

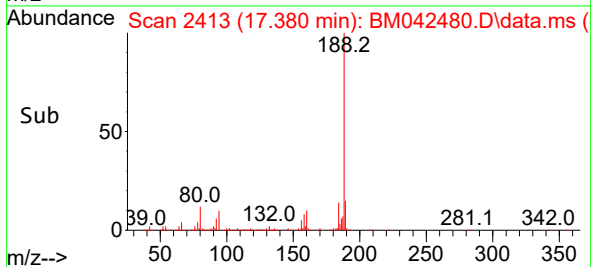
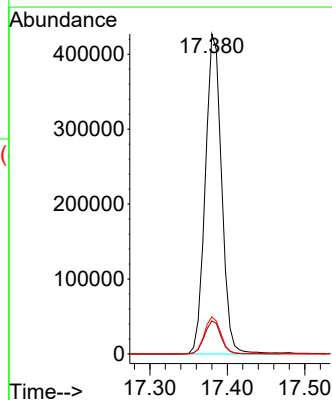
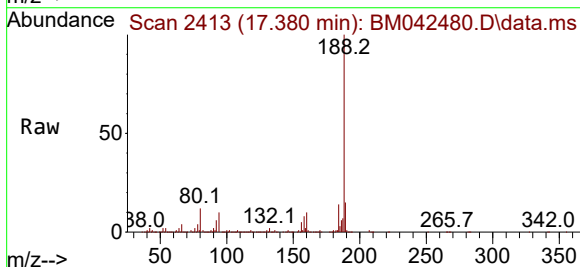
Instrument :
BNA_M
ClientSampleId :
PB156500BS

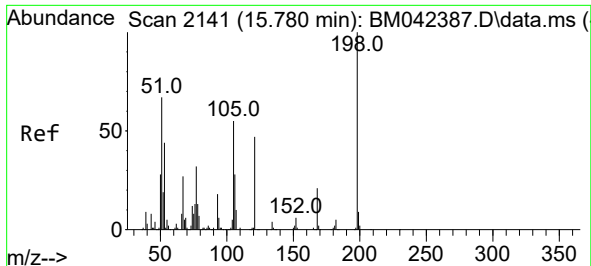
Tgt Ion: 77 Resp: 1227323
Ion Ratio Lower Upper
77 100
182 21.6 0.0 37.7
105 19.7 0.0 38.9
51 32.8 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.380 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:188 Resp: 624313
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.6 10.7 16.1

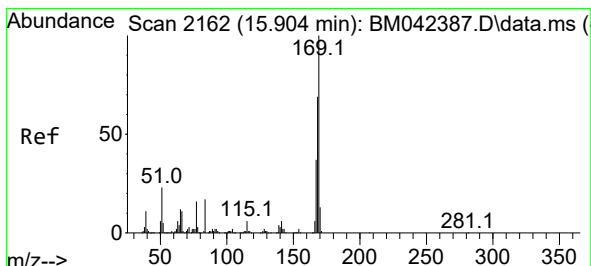
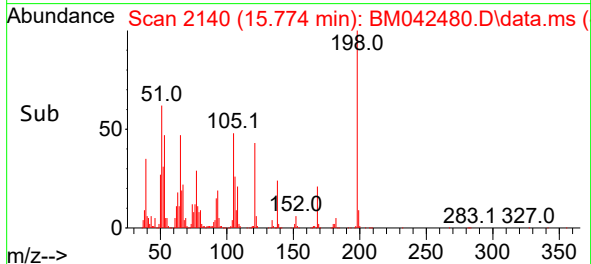
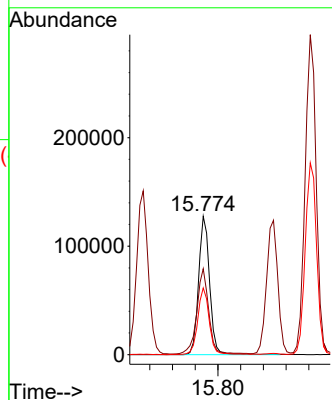
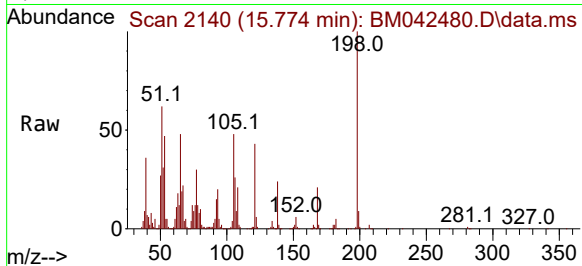




#65
4,6-Dinitro-2-methylphenol
Concen: 43.859 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

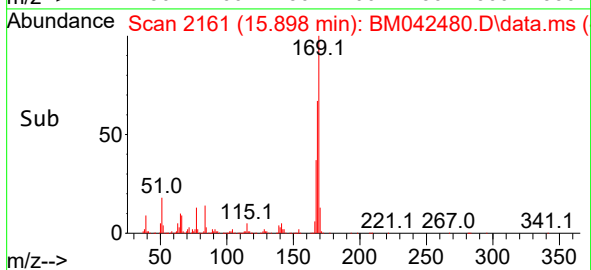
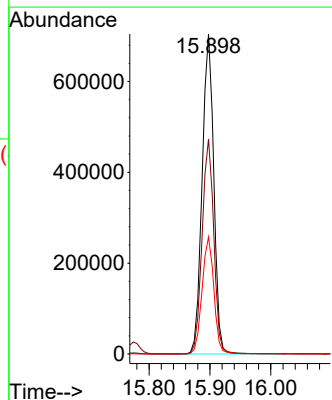
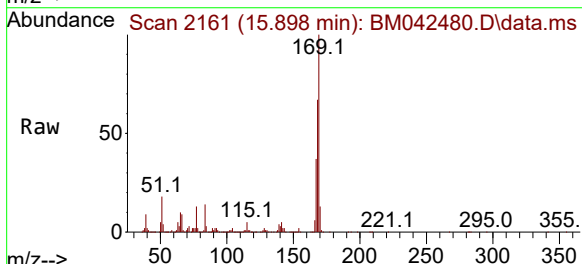
Instrument :
BNA_M
ClientSampleId :
PB156500BS

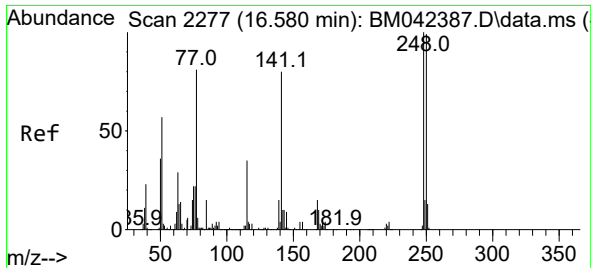
Tgt Ion:198 Resp: 172504
Ion Ratio Lower Upper
198 100
51 62.1 54.1 94.1
105 48.2 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 49.544 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:169 Resp: 931630
Ion Ratio Lower Upper
169 100
168 67.2 55.4 83.2
167 36.6 29.9 44.9

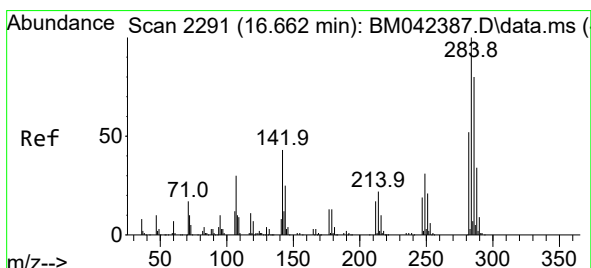
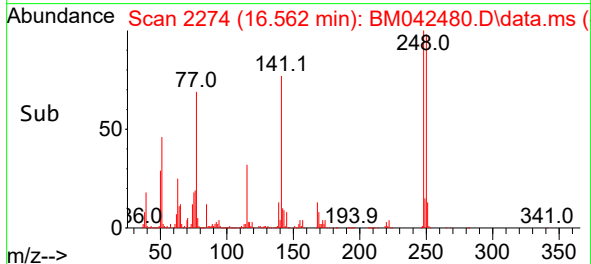
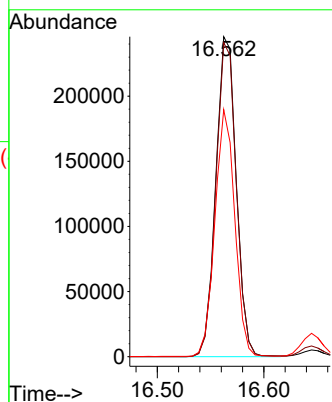
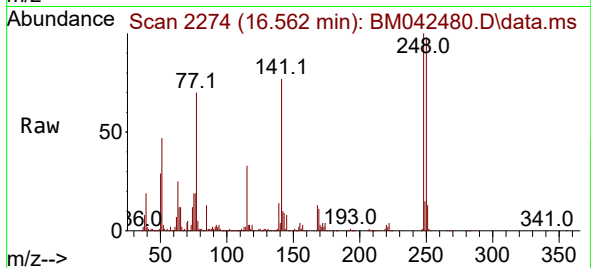




#67
4-Bromophenyl-phenylether
Concen: 56.596 ng
RT: 16.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

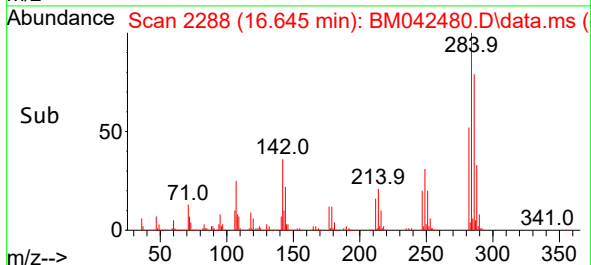
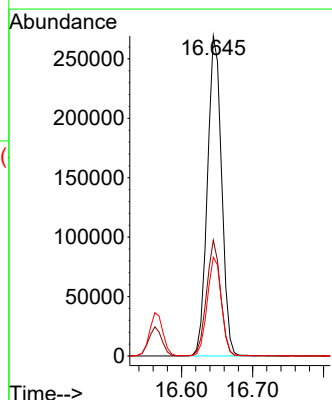
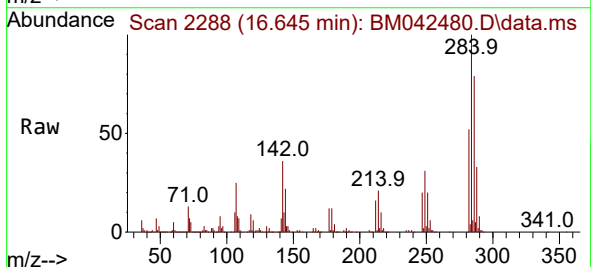
Instrument :
BNA_M
ClientSampleId :
PB156500BS

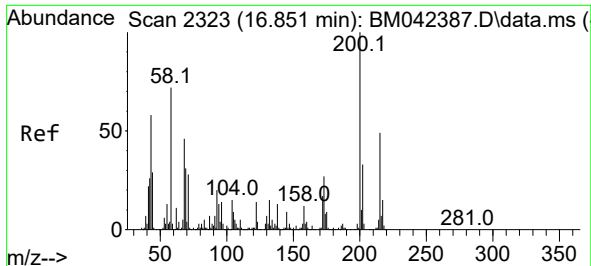
Tgt Ion:248 Resp: 327479
Ion Ratio Lower Upper
248 100
250 98.2 79.4 119.2
141 77.2 64.3 96.5



#68
Hexachlorobenzene
Concen: 60.494 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:284 Resp: 374156
Ion Ratio Lower Upper
284 100
142 36.2 34.2 51.2
249 30.8 24.7 37.1

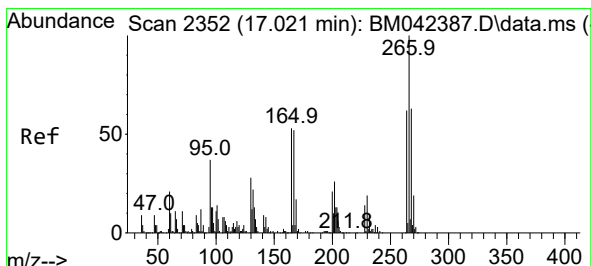
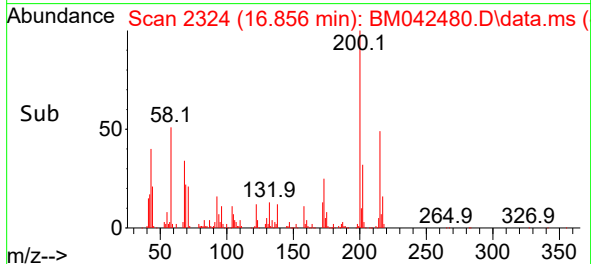
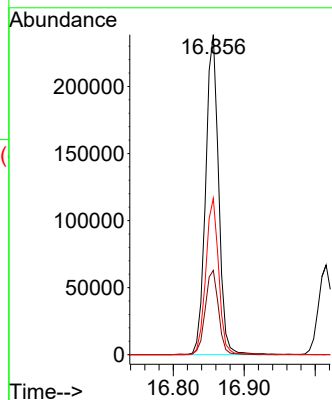
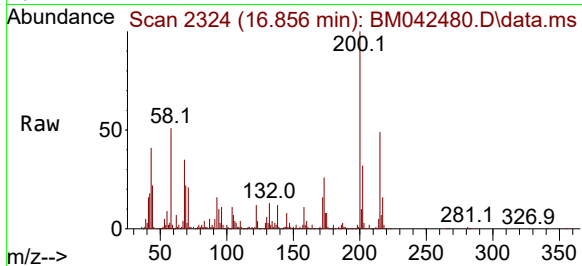




#69
 Atrazine
 Concen: 63.661 ng
 RT: 16.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

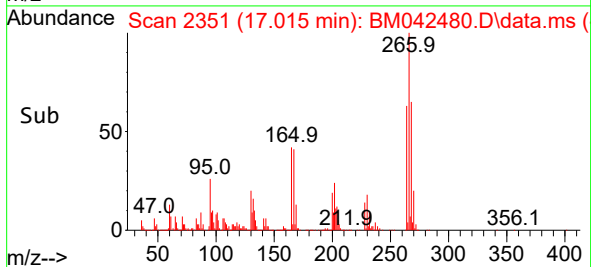
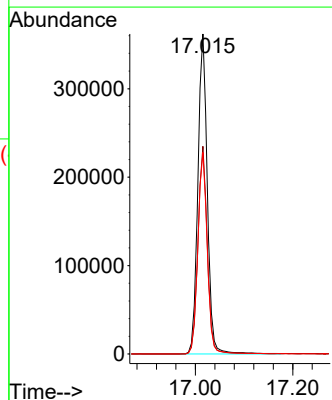
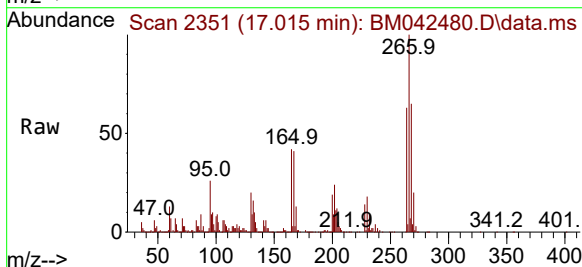
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

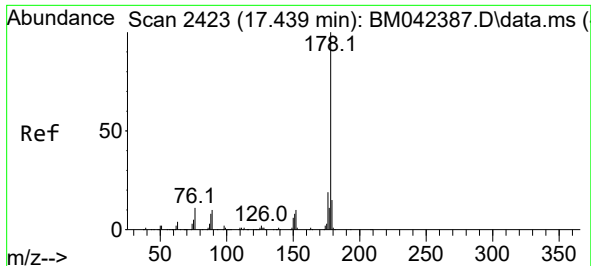
Tgt Ion:200 Resp: 303574
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.6 46.6
 215 48.8 28.6 68.6



#70
 Pentachlorophenol
 Concen: 93.866 ng
 RT: 17.015 min Scan# 2351
 Delta R.T. -0.000 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

Tgt Ion:266 Resp: 490449
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.6 76.0
 264 63.0 49.4 74.0

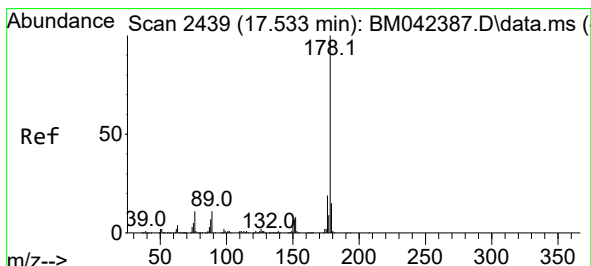
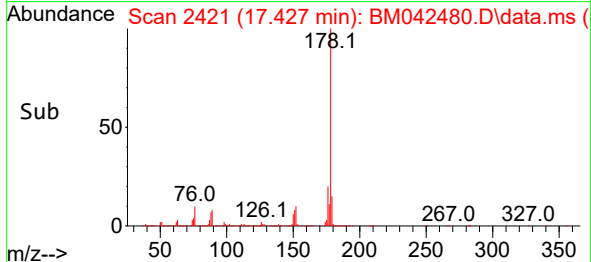
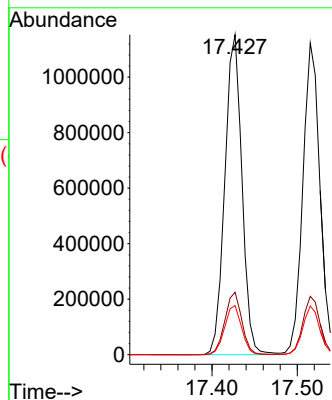
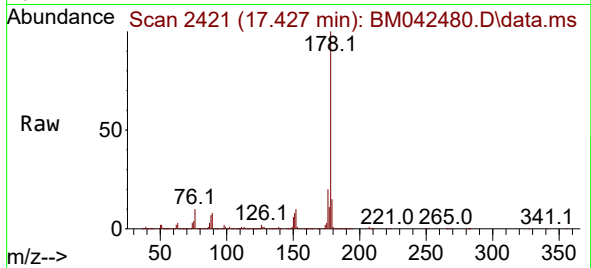




#71
Phenanthrene
Concen: 47.398 ng
RT: 17.427 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

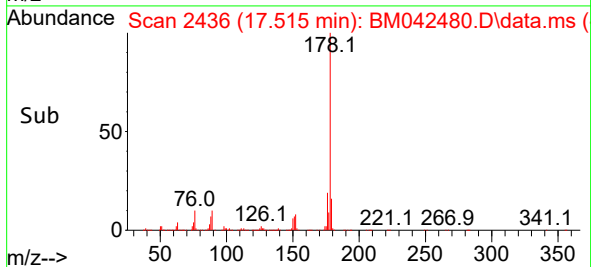
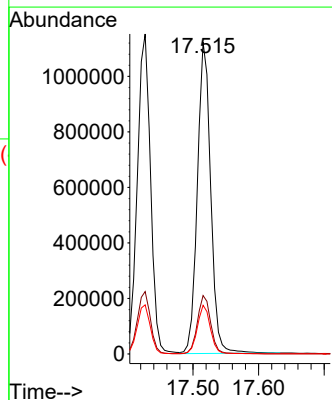
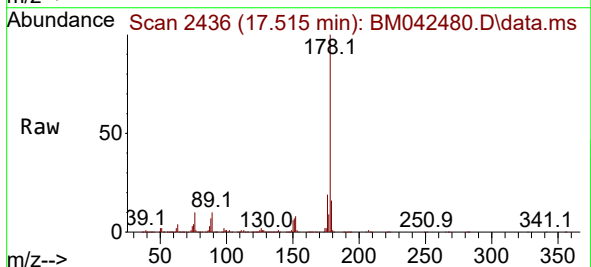
Instrument :
BNA_M
ClientSampleId :
PB156500BS

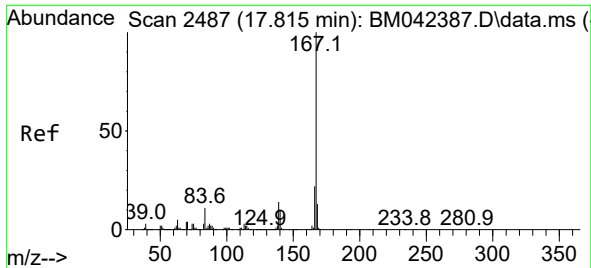
Tgt Ion:178 Resp: 1609766
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.3 18.5



#72
Anthracene
Concen: 47.210 ng
RT: 17.515 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:178 Resp: 1587968
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.1 18.1

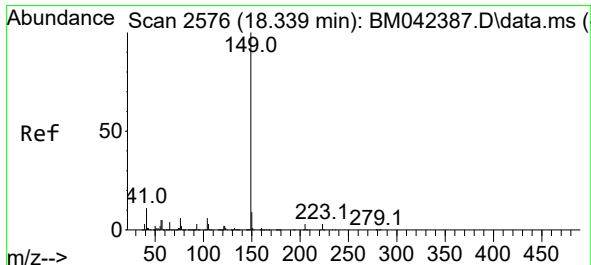
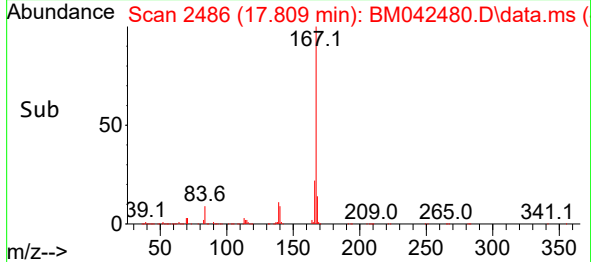
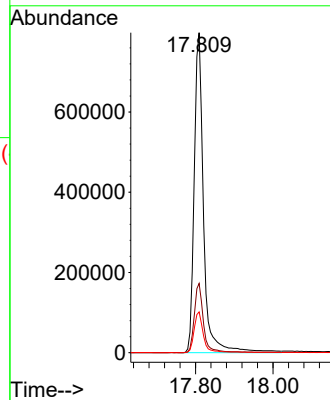
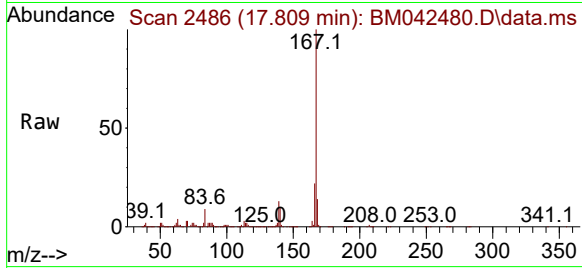




#73
 Carbazole
 Concen: 42.563 ng
 RT: 17.809 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

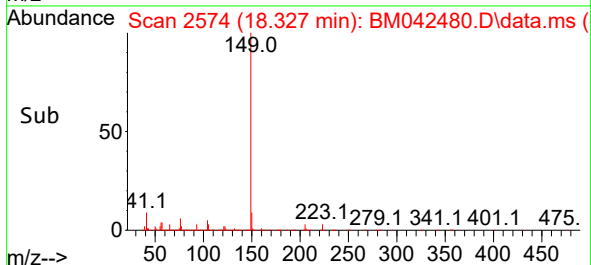
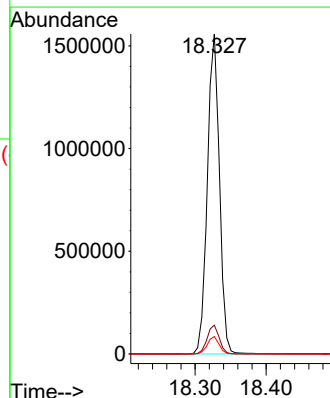
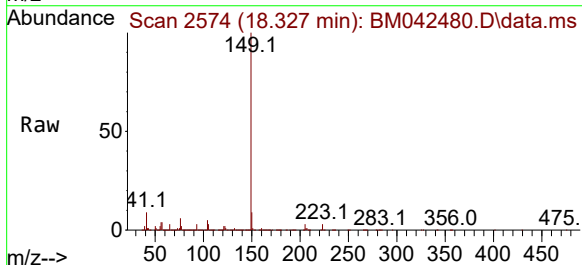
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BS

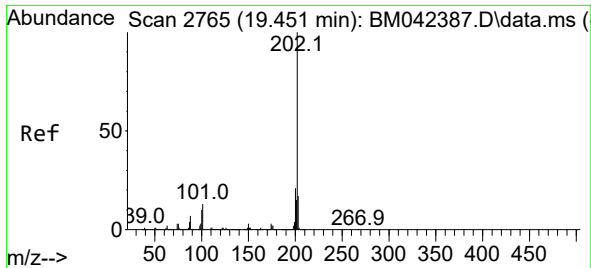
Tgt Ion:167 Resp: 1343058
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.215 ng
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BM042480.D
 Acq: 27 Oct 2023 19:47

Tgt Ion:149 Resp: 1842193
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.5 4.6 7.0

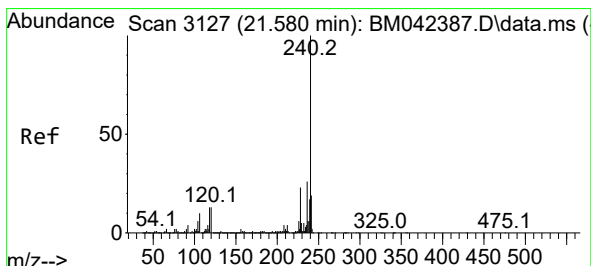
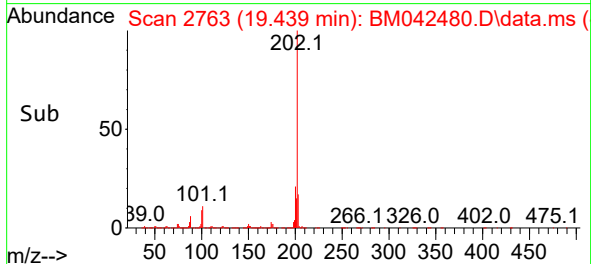
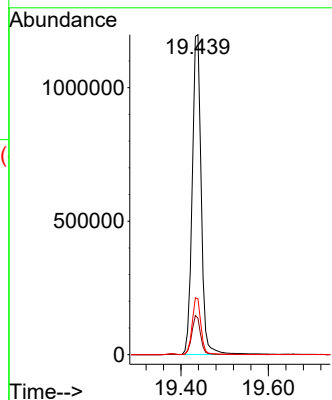
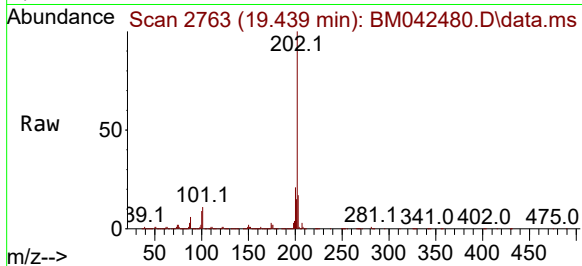




#75
Fluoranthene
Concen: 45.957 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

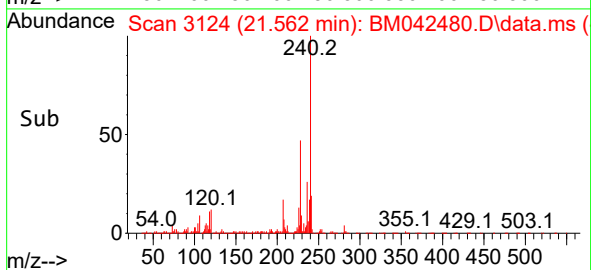
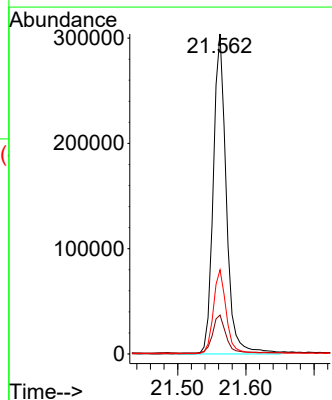
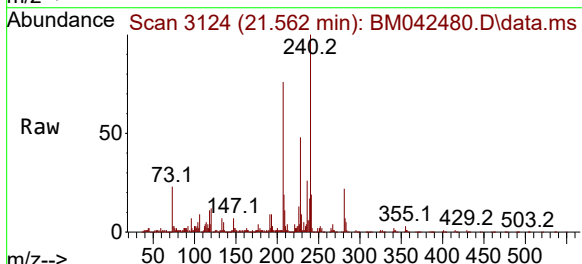
Instrument :
BNA_M
ClientSampleId :
PB156500BS

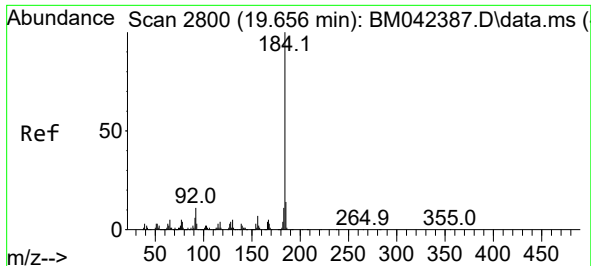
Tgt Ion:202 Resp: 1718996
Ion Ratio Lower Upper
202 100
101 11.4 0.0 33.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:240 Resp: 405171
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.3 20.7 31.1

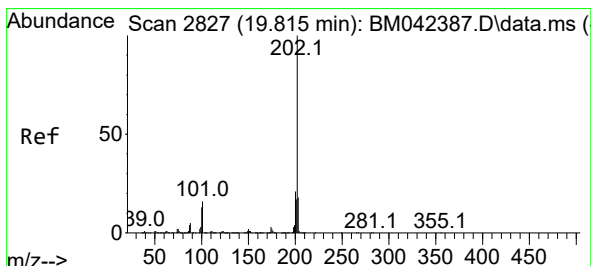
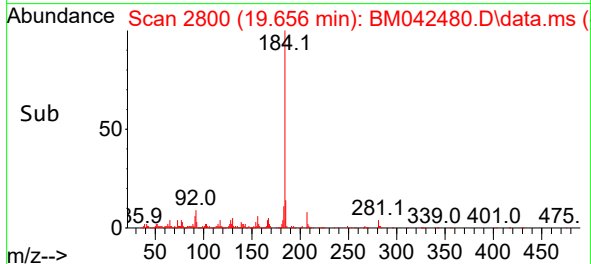
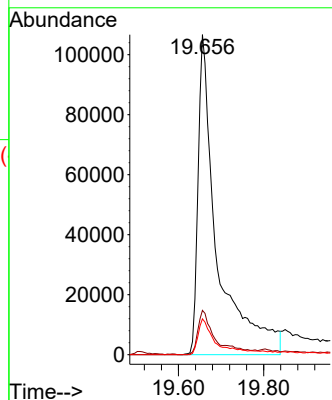
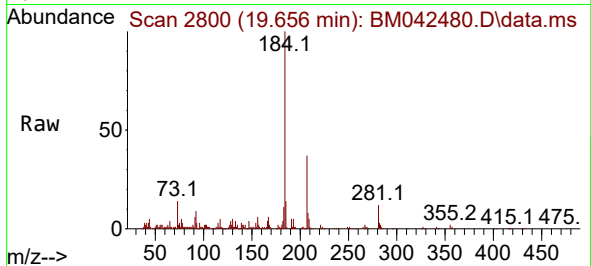




#77
Benzidine
Concen: 56.705 ng
RT: 19.656 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

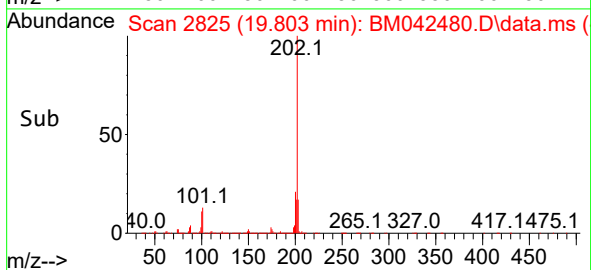
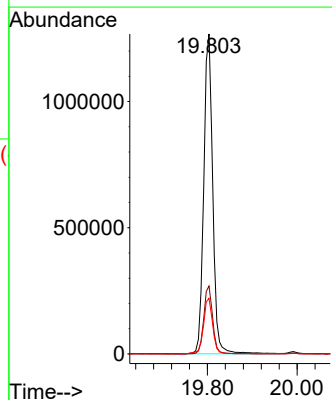
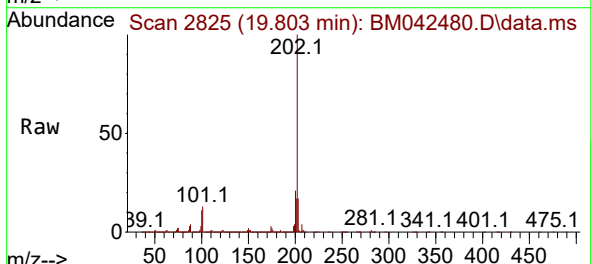
Instrument :
BNA_M
ClientSampleId :
PB156500BS

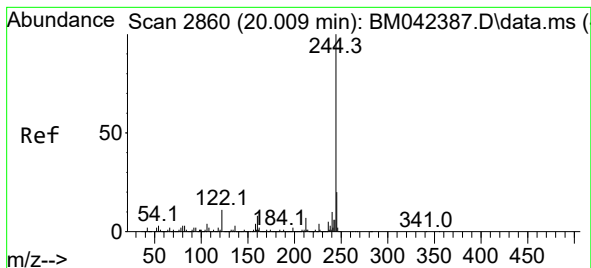
Tgt Ion:184 Resp: 332317
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.2 9.2 13.8



#78
Pyrene
Concen: 62.159 ng
RT: 19.803 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:202 Resp: 1759923
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 123.555 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

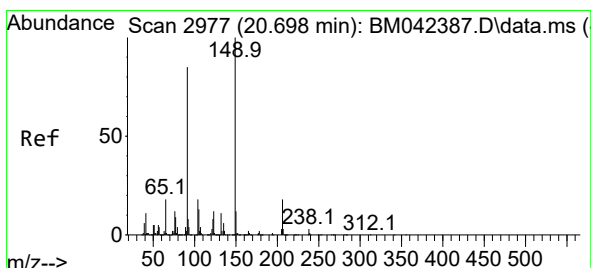
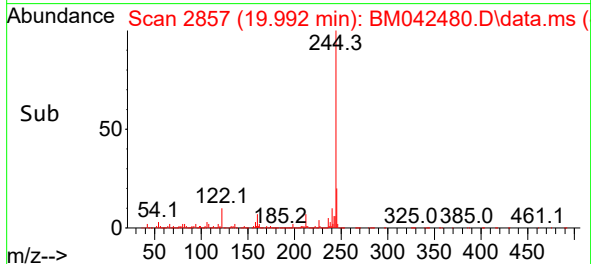
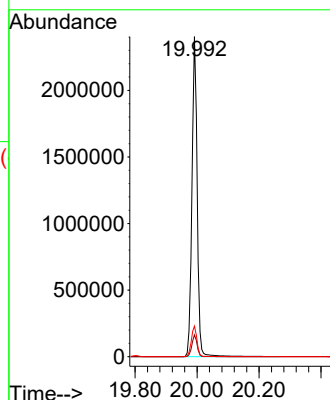
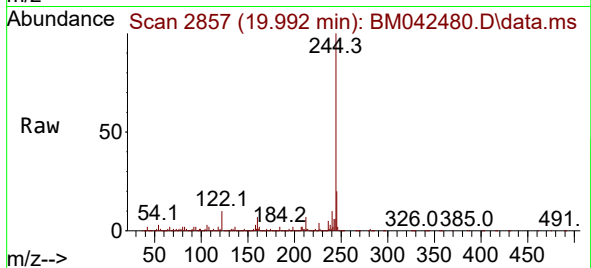
Tgt Ion:244 Resp: 2822730

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 55.583 ng

RT: 20.680 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

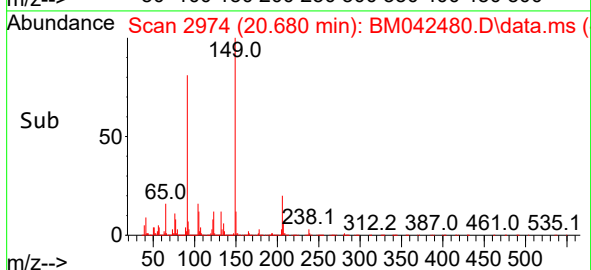
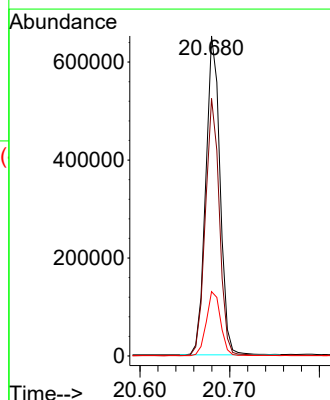
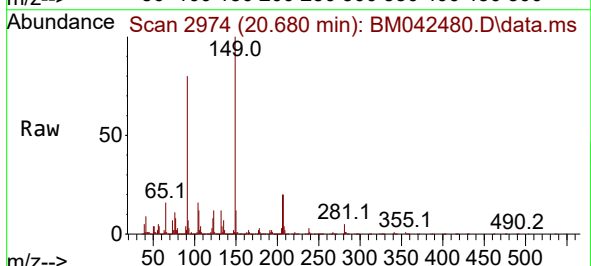
Tgt Ion:149 Resp: 720448

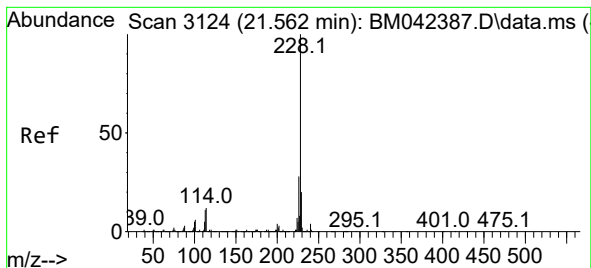
Ion Ratio Lower Upper

149 100

91 80.4 68.3 102.5

206 20.1 14.6 22.0





#81

Benzo(a)anthracene

Concen: 48.239 ng

RT: 21.544 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

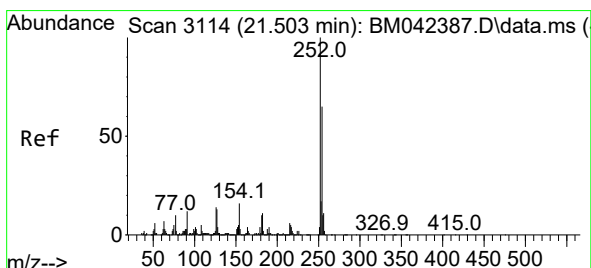
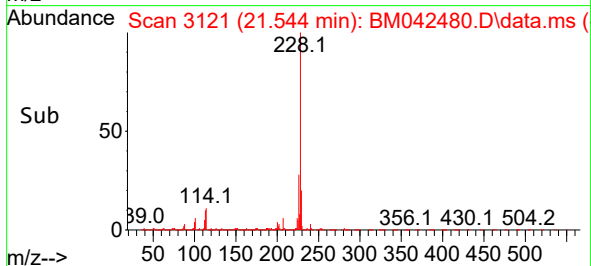
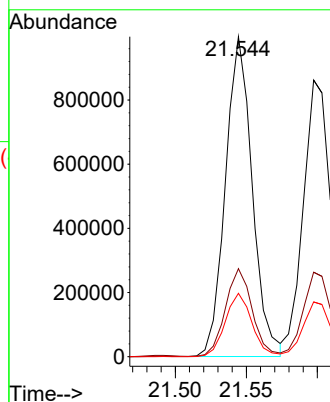
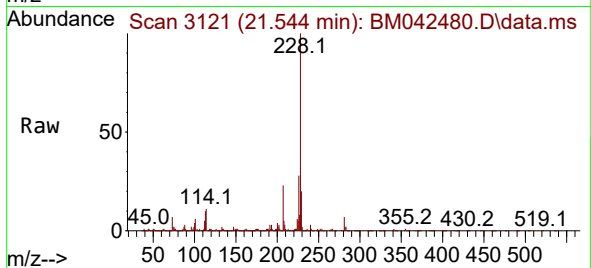
Tgt Ion:228 Resp: 1310249

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 52.639 ng

RT: 21.491 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

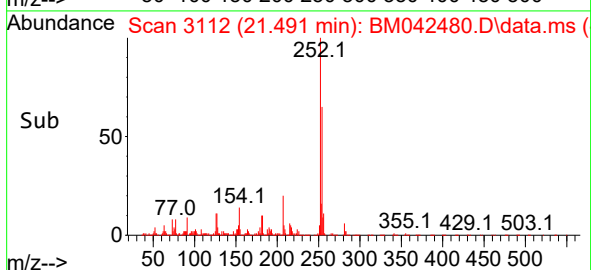
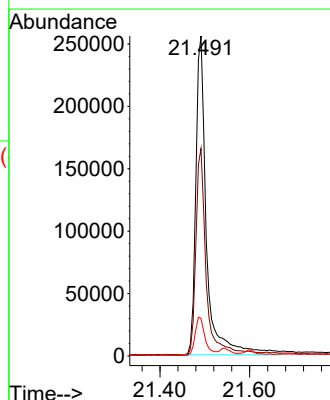
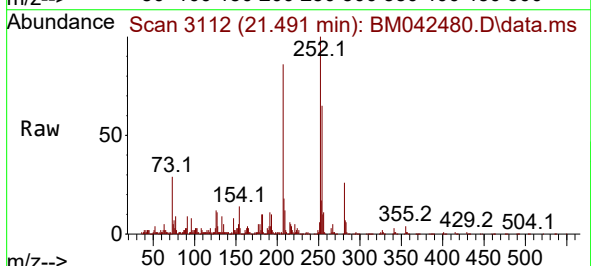
Tgt Ion:252 Resp: 426816

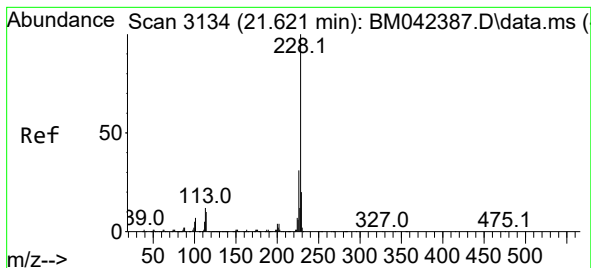
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

126 11.8 11.4 17.2





#83

Chrysene

Concen: 47.393 ng

RT: 21.597 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

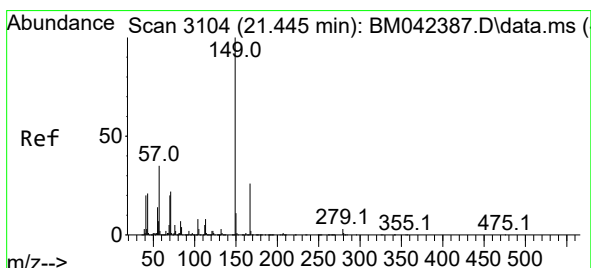
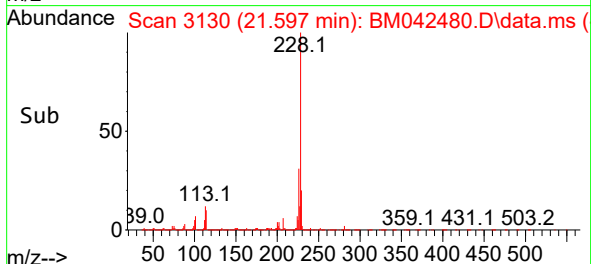
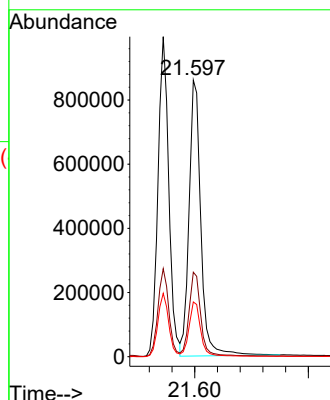
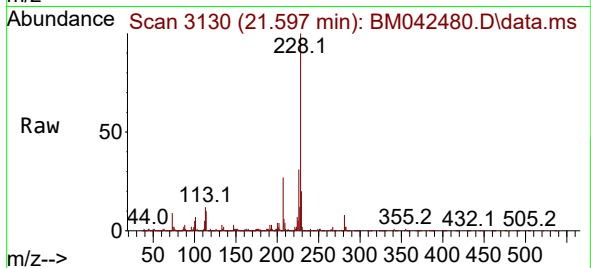
Tgt Ion:228 Resp: 1236392

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.119 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

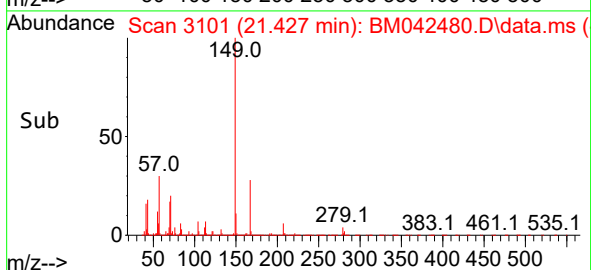
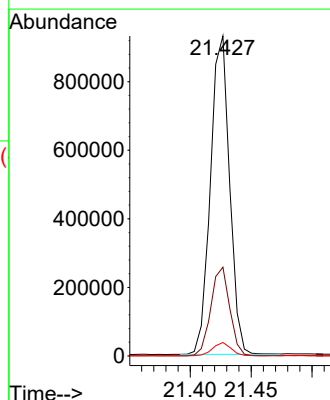
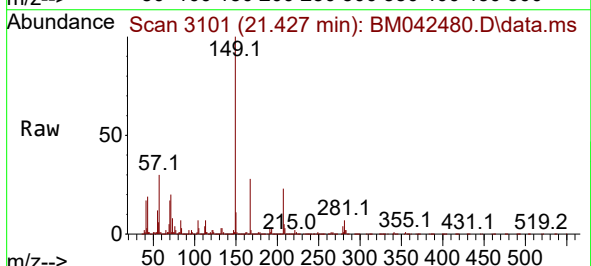
Tgt Ion:149 Resp: 1015469

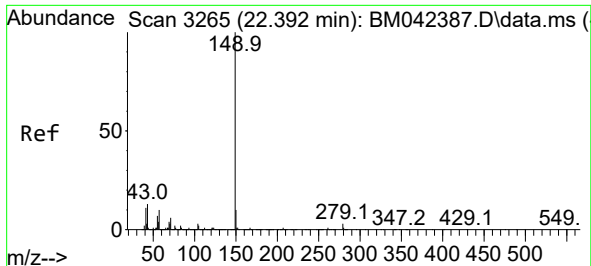
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 4.2 2.7 4.1#

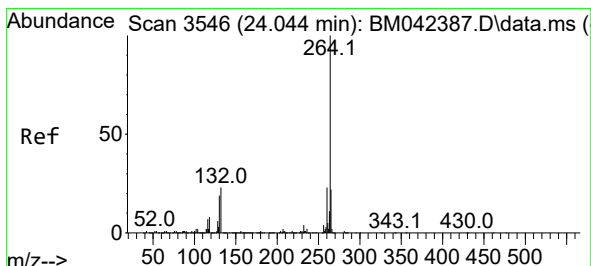
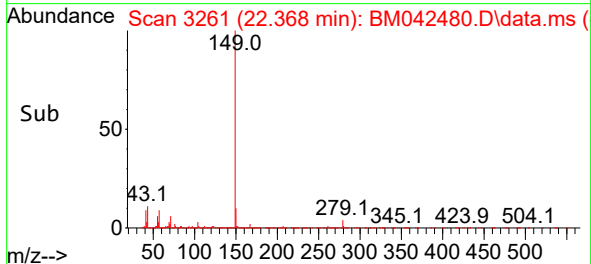
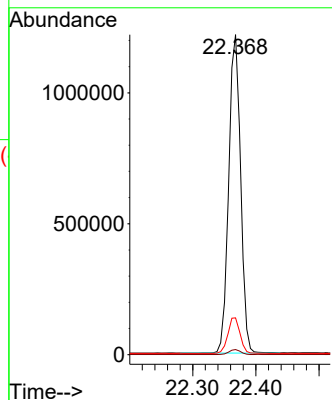
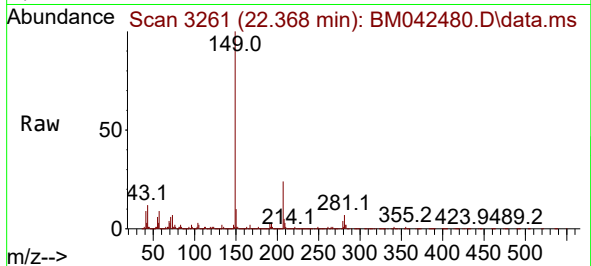




#85
Di-n-octyl phthalate
Concen: 50.172 ng
RT: 22.368 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

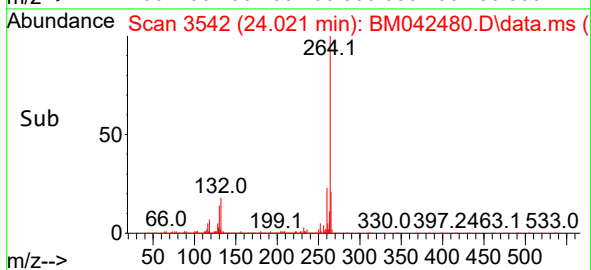
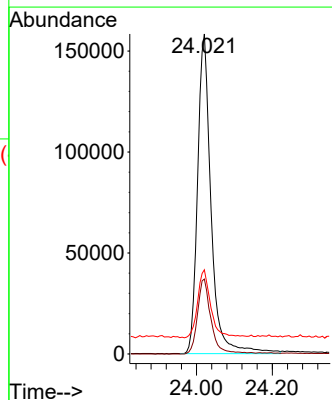
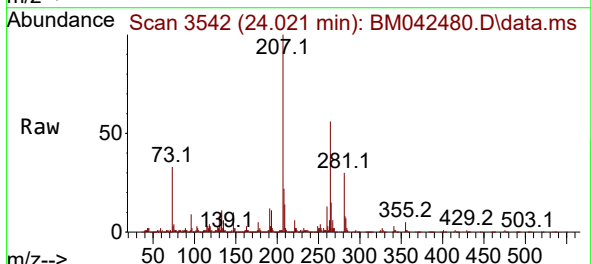
Instrument :
BNA_M
ClientSampleId :
PB156500BS

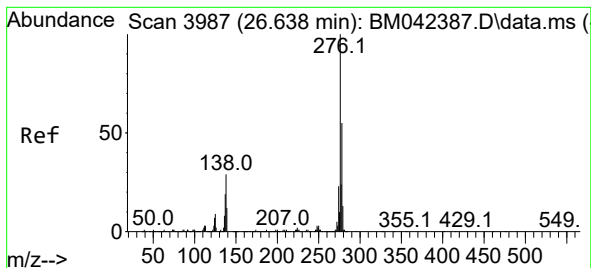
Tgt Ion:149 Resp: 1584299
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.021 min Scan# 3542
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:264 Resp: 392969
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 26.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.993 ng

RT: 26.597 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

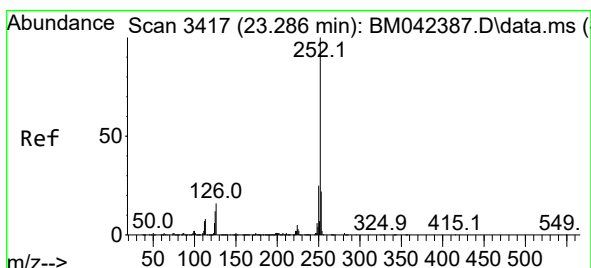
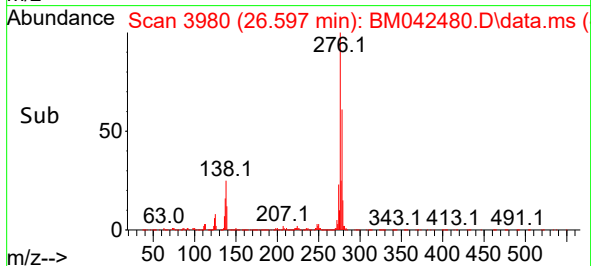
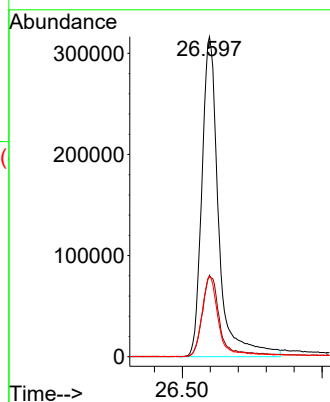
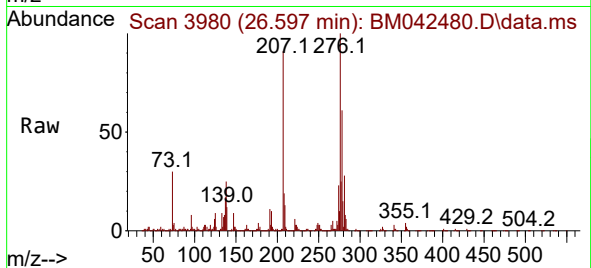
Tgt Ion:276 Resp: 1320822

Ion Ratio Lower Upper

276 100

138 25.6 25.6 38.4#

277 24.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.003 ng

RT: 23.262 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

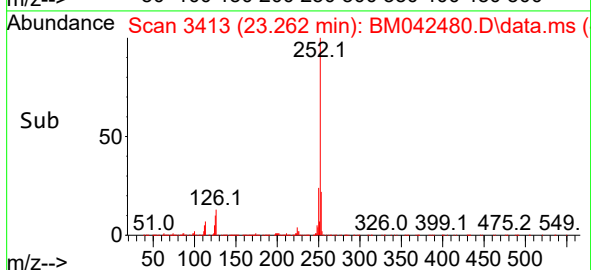
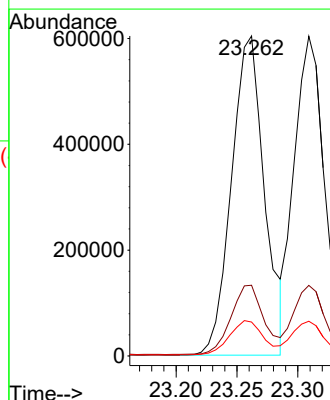
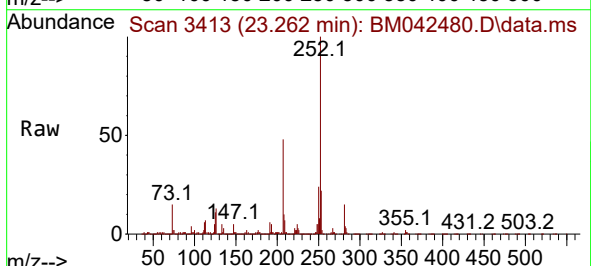
Tgt Ion:252 Resp: 1135453

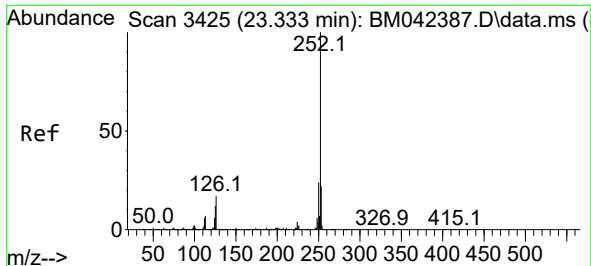
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.6 9.8 14.8

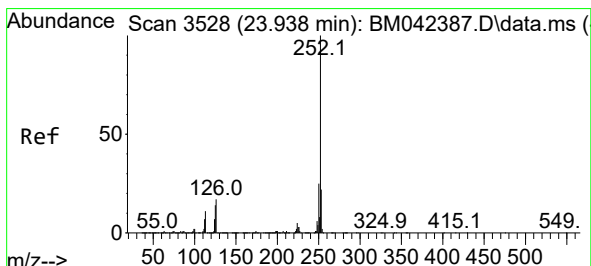
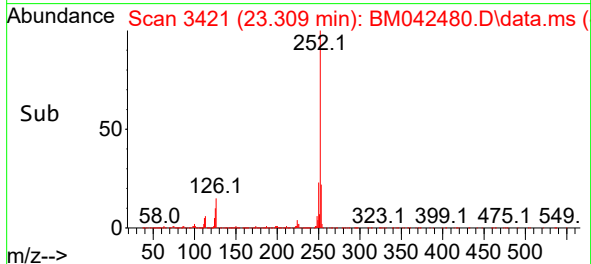
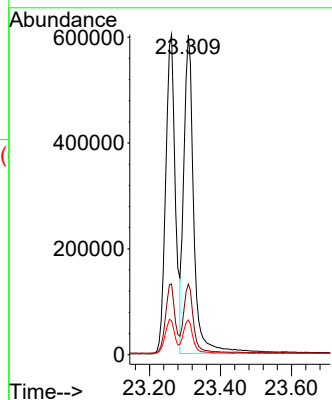
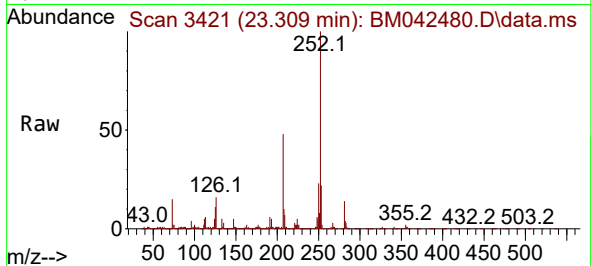




#89
Benzo(k)fluoranthene
Concen: 46.921 ng
RT: 23.309 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

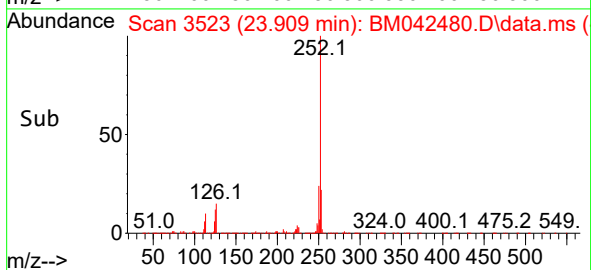
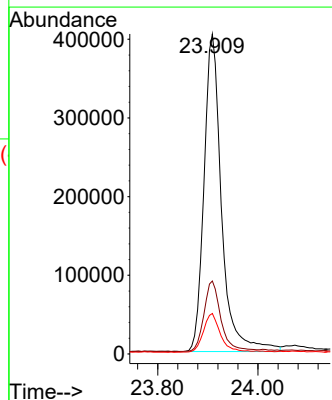
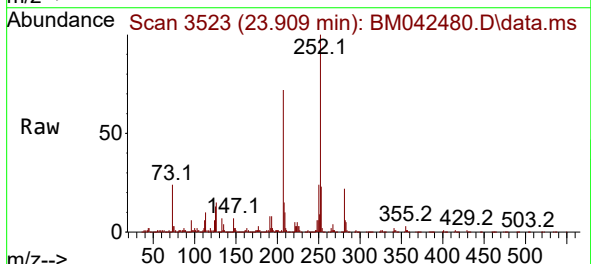
Instrument :
BNA_M
ClientSampleId :
PB156500BS

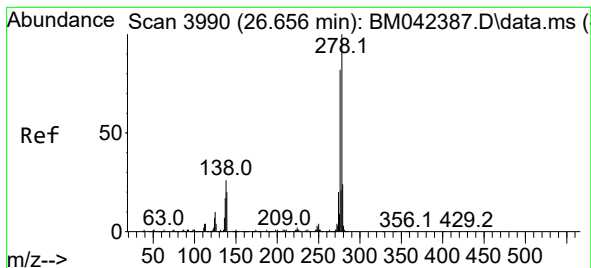
Tgt Ion:252 Resp: 1152284
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.9 10.2 15.2



#90
Benzo(a)pyrene
Concen: 43.125 ng
RT: 23.909 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BM042480.D
Acq: 27 Oct 2023 19:47

Tgt Ion:252 Resp: 981823
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 12.6 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 44.329 ng

RT: 26.615 min Scan# 3990

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

PB156500BS

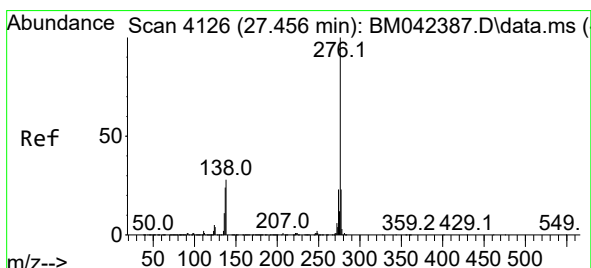
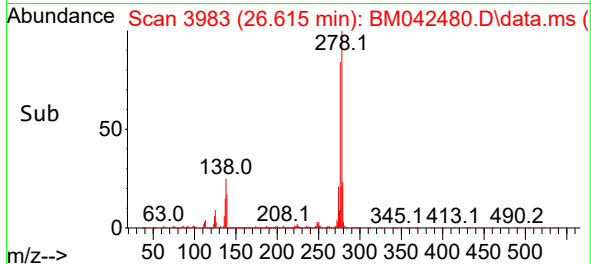
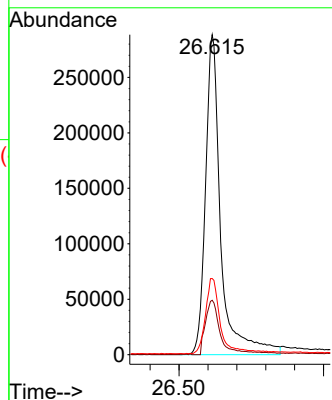
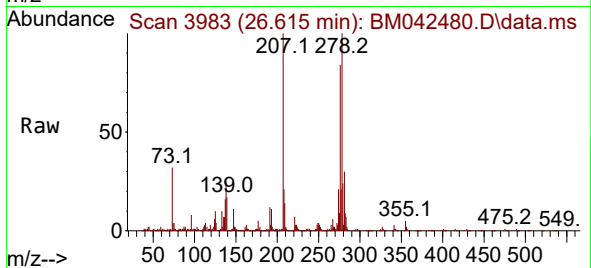
Tgt Ion:278 Resp: 1058428

Ion Ratio Lower Upper

278 100

139 17.0 15.6 23.4

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 49.365 ng

RT: 27.403 min Scan# 4117

Delta R.T. -0.006 min

Lab File: BM042480.D

Acq: 27 Oct 2023 19:47

Tgt Ion:276 Resp: 1144688

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 24.1 22.6 34.0

