

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042482.D
 Acq On : 27 Oct 2023 21:01
 Operator : MA/JU
 Sample : PB156526BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BS

Quant Time: Oct 28 00:29:02 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	7.987	152	146982	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	596700	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	317448	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	580591	20.000	ng	0.00
76) Chrysene-d12	21.556	240	370282	20.000	ng	0.00
86) Perylene-d12	24.015	264	340802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	895157	86.074	ng	0.00
7) Phenol-d6	7.163	99	1124353	80.674	ng	0.00
23) Nitrobenzene-d5	9.192	82	1109766	82.241	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	337534	98.677	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2184329	92.659	ng	0.00
79) Terphenyl-d14	19.992	244	2508539	120.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	155678	31.790	ng	96
3) Pyridine	3.852	79	406416	28.287	ng	95
4) n-Nitrosodimethylamine	3.746	42	237480	32.737	ng	92
6) Aniline	7.334	93	527261	29.714	ng	98
8) 2-Chlorophenol	7.551	128	480429	46.556	ng	93
9) Benzaldehyde	7.157	77	214172	26.384	ng	96
10) Phenol	7.193	94	600170	41.676	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	489130	41.369	ng	97
12) 1,3-Dichlorobenzene	7.863	146	506860	47.487	ng	97
13) 1,4-Dichlorobenzene	8.022	146	513517	47.794	ng	98
14) 1,2-Dichlorobenzene	8.334	146	496402	48.115	ng	98
15) Benzyl Alcohol	8.263	79	429378	41.560	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.516	45	779142	41.647	ng	99
17) 2-Methylphenol	8.445	107	395423	41.610	ng	99
18) Hexachloroethane	9.045	117	201497	48.715	ng	94
19) n-Nitroso-di-n-propyla...	8.822	70	398555	42.192	ng	97
20) 3+4-Methylphenols	8.781	107	515493	40.442	ng	97
22) Acetophenone	8.851	105	696788	42.803	ng	# 96
24) Nitrobenzene	9.234	77	564958	41.849	ng	97
25) Isophorone	9.769	82	1022666	44.595	ng	98
26) 2-Nitrophenol	9.934	139	244986	47.198	ng	93
27) 2,4-Dimethylphenol	9.981	122	435442	46.812	ng	97
28) bis(2-Chloroethoxy)met...	10.234	93	642956	44.253	ng	100
29) 2,4-Dichlorophenol	10.457	162	414871	51.287	ng	96
30) 1,2,4-Trichlorobenzene	10.657	180	451235	52.034	ng	98
31) Naphthalene	10.857	128	1435226	46.828	ng	100
32) Benzoic acid	10.157	122	298927	44.388	ng	100
33) 4-Chloroaniline	11.004	127	200023	15.032	ng	97
34) Hexachlorobutadiene	11.081	225	267771	57.062	ng	98
35) Caprolactam	11.916	113	119698	38.602	ng	91
36) 4-Chloro-3-methylphenol	12.110	107	440991	45.176	ng	98
37) 2-Methylnaphthalene	12.457	142	945137	45.810	ng	98
38) 1-Methylnaphthalene	12.680	142	885837	45.831	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	470897	51.311	ng	98
41) Hexachlorocyclopentadiene	12.751	237	534648	105.876	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	311102	52.366	ng	98

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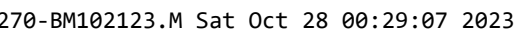
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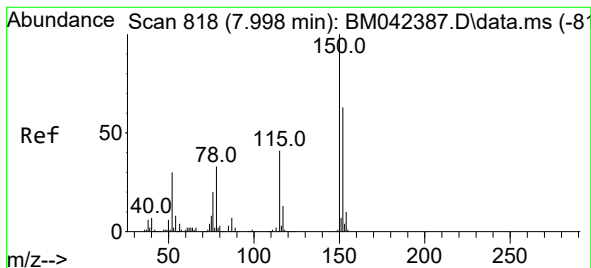
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	329028	46.851	ng	95
46) 1,1'-Biphenyl	13.469	154	1178358	46.791	ng	98
47) 2-Chloronaphthalene	13.516	162	904163	48.937	ng	99
48) 2-Nitroaniline	13.757	65	281872	35.553	ng	94
49) Acenaphthylene	14.363	152	1394120	46.739	ng	100
50) Dimethylphthalate	14.104	163	1057356	45.409	ng	99
51) 2,6-Dinitrotoluene	14.245	165	223783	42.891	ng	88
52) Acenaphthene	14.692	154	848528	47.054	ng	99
53) 3-Nitroaniline	14.586	138	133969	23.293	ng	99
54) 2,4-Dinitrophenol	14.786	184	273602	83.602	ng	94
55) Dibenzofuran	15.027	168	1306556	45.808	ng	99
56) 4-Nitrophenol	14.892	139	351650	74.150	ng	93
57) 2,4-Dinitrotoluene	15.027	165	282208	40.799	ng	95
58) Fluorene	15.674	166	1023840	45.490	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	277222	52.546	ng	92
60) Diethylphthalate	15.445	149	1029466	44.802	ng	98
61) 4-Chlorophenyl-phenyle...	15.668	204	525952	49.620	ng	93
62) 4-Nitroaniline	15.751	138	148835	26.711	ng	94
63) Azobenzene	15.963	77	1150572	41.735	ng	95
65) 4,6-Dinitro-2-methylph...	15.774	198	166756	45.350	ng	84
66) n-Nitrosodiphenylamine	15.892	169	857928	49.060	ng	98
67) 4-Bromophenyl-phenylether	16.563	248	303774	56.453	ng	96
68) Hexachlorobenzene	16.645	284	345733	60.108	ng	# 91
69) Atrazine	16.851	200	289303	65.237	ng	100
70) Pentachlorophenol	17.015	266	434112	89.629	ng	99
71) Phenanthrene	17.421	178	1485403	47.030	ng	100
72) Anthracene	17.515	178	1488999	47.601	ng	99
73) Carbazole	17.804	167	1230342	41.927	ng	99
74) Di-n-butylphthalate	18.321	149	1679629	45.365	ng	99
75) Fluoranthene	19.433	202	1554403	44.686	ng	98
77) Benzidine	19.651	184	279762	52.235	ng	99
78) Pyrene	19.798	202	1595432	61.659	ng	100
80) Butylbenzylphthalate	20.680	149	660612	55.758	ng	92
81) Benzo(a)anthracene	21.539	228	1165330	46.946	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	322445	43.514	ng	99
83) Chrysene	21.597	228	1127939	47.310	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	914375	54.358	ng	97
85) Di-n-octyl phthalate	22.362	149	1399789	48.646	ng	95
87) Indeno(1,2,3-cd)pyrene	26.591	276	1067550	42.864	ng	93
88) Benzo(b)fluoranthene	23.256	252	983470	47.942	ng	98
89) Benzo(k)fluoranthene	23.303	252	1059532	49.748	ng	98
90) Benzo(a)pyrene	23.903	252	847312	42.914	ng	98
91) Dibenzo(a,h)anthracene	26.609	278	809675	39.101	ng	97
92) Benzo(g,h,i)perylene	27.397	276	930539	46.273	ng	94

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

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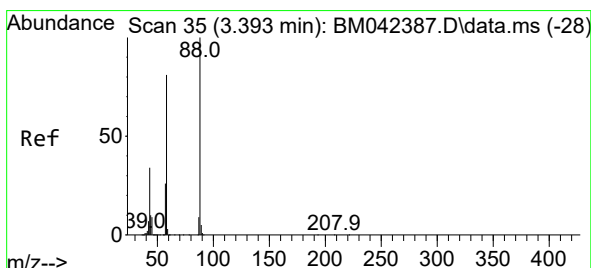
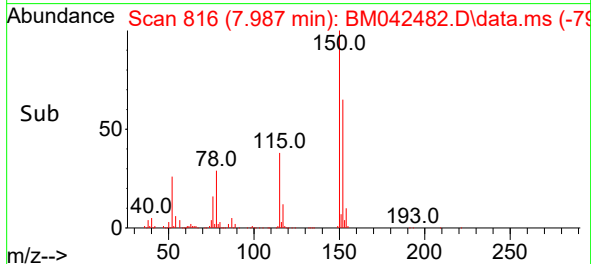
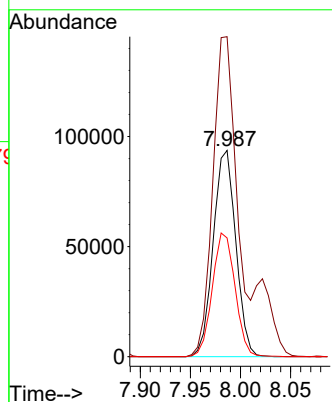
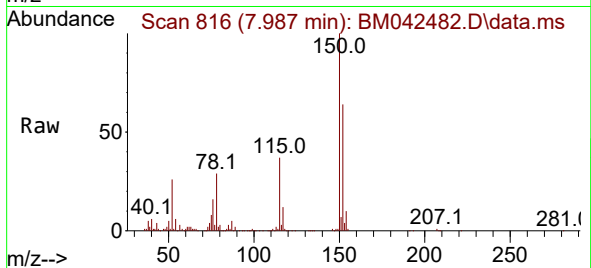




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM042482.D
 Acq: 27 Oct 2023 21:01

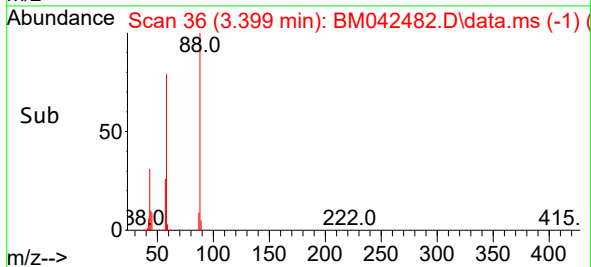
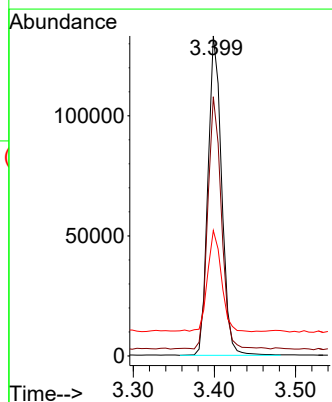
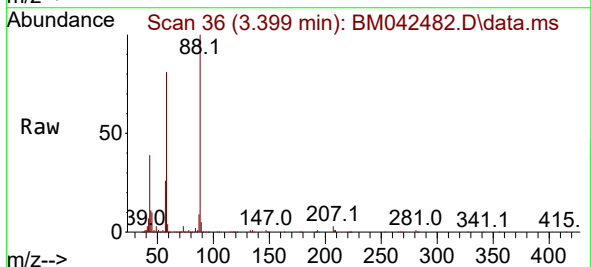
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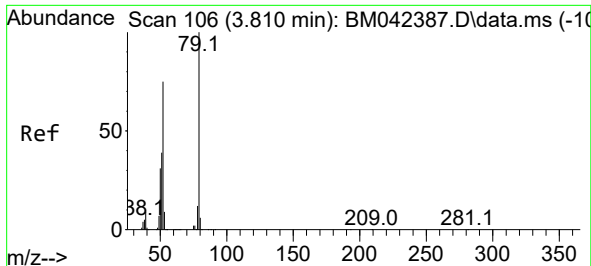
Tgt Ion:152 Resp: 146982
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.4
 115 57.6 51.9 77.9



#2
 1,4-Dioxane
 Concen: 31.790 ng
 RT: 3.399 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BM042482.D
 Acq: 27 Oct 2023 21:01

Tgt Ion: 88 Resp: 155678
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.9 97.3
 43 31.8 27.8 41.8

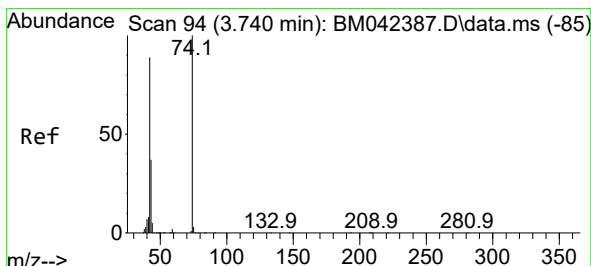
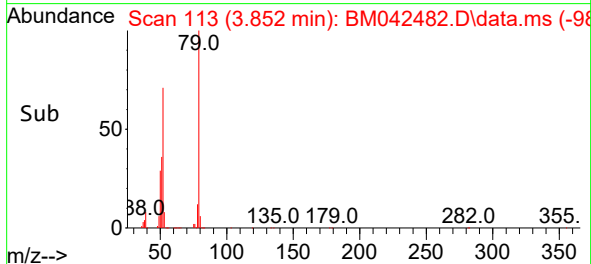
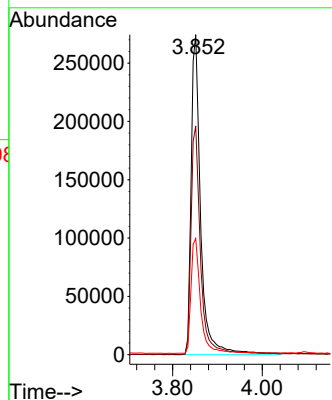
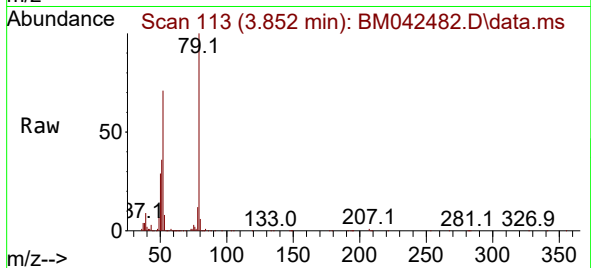




#3
Pyridine
Concen: 28.287 ng
RT: 3.852 min Scan# 113
Delta R.T. -0.012 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

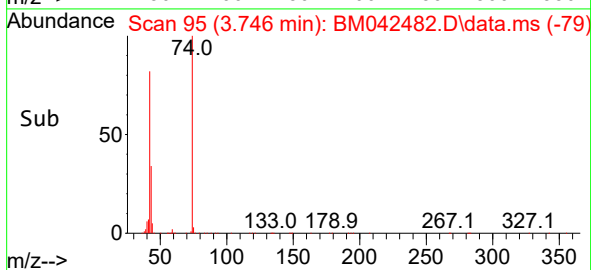
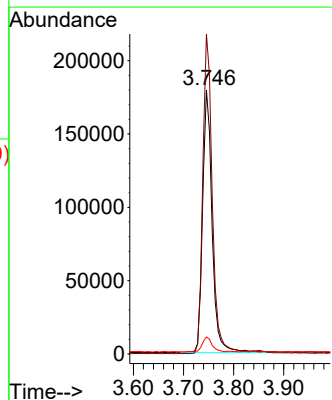
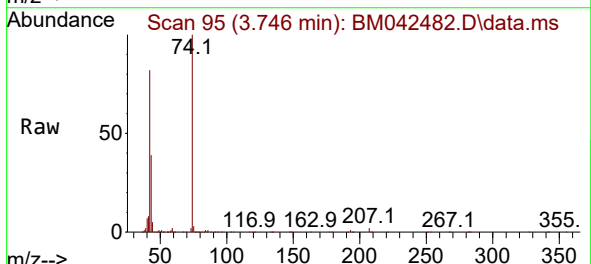
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ClientSampleId :
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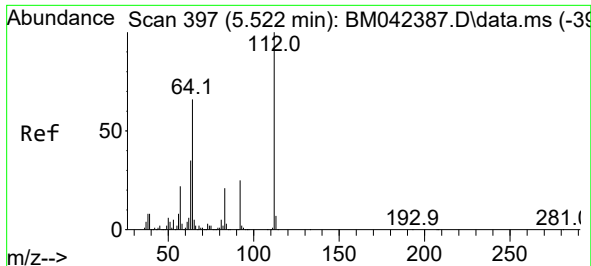
Tgt Ion: 79 Resp: 406416
Ion Ratio Lower Upper
79 100
52 71.5 60.3 90.5
51 36.3 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 32.737 ng
RT: 3.746 min Scan# 95
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 42 Resp: 237480
Ion Ratio Lower Upper
42 100
74 121.3 89.4 134.2
44 6.4 5.4 8.0

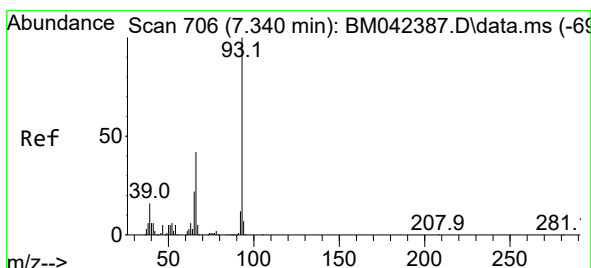
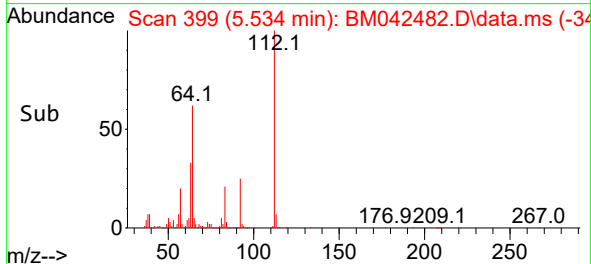
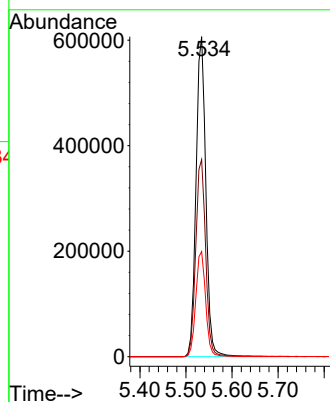
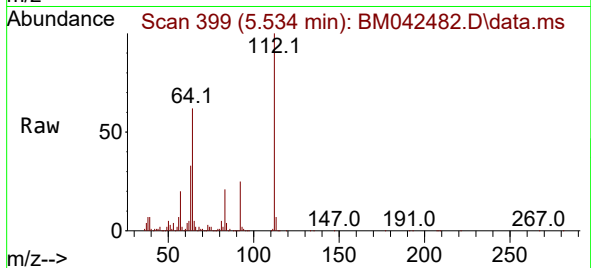




#5
2-Fluorophenol
Concen: 86.074 ng
RT: 5.534 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

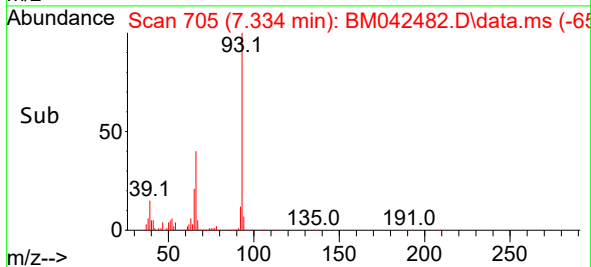
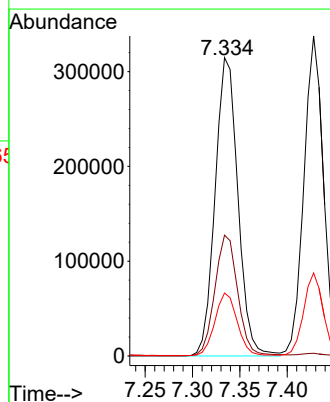
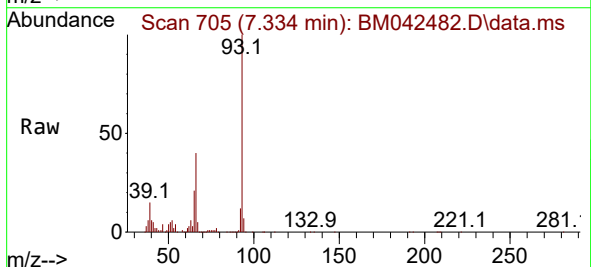
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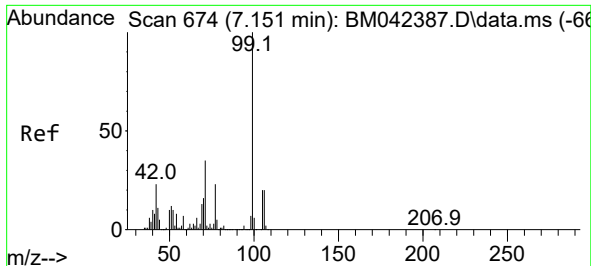
Tgt Ion:112 Resp: 895157
Ion Ratio Lower Upper
112 100
64 61.6 52.7 79.1
63 32.8 28.3 42.5



#6
Aniline
Concen: 29.714 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 93 Resp: 527261
Ion Ratio Lower Upper
93 100
66 40.5 33.8 50.8
65 21.0 17.4 26.2

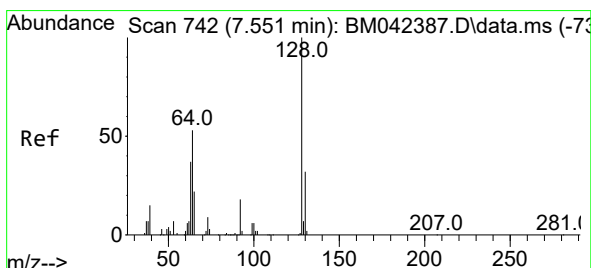
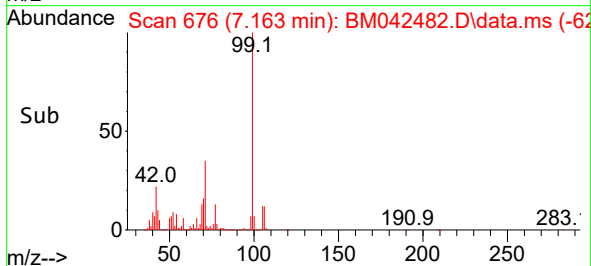
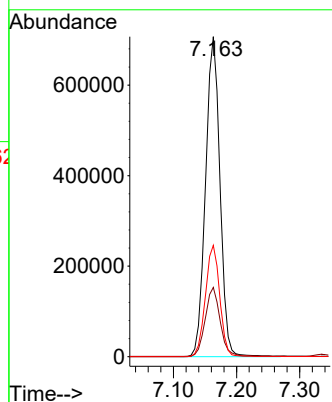
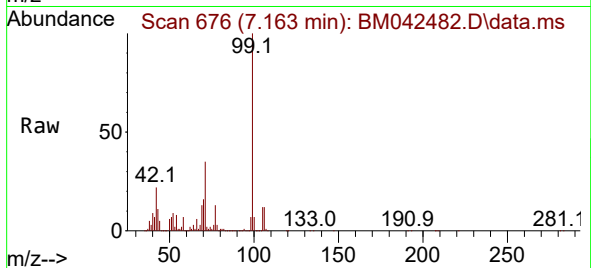




#7
Phenol-d6
Concen: 80.674 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

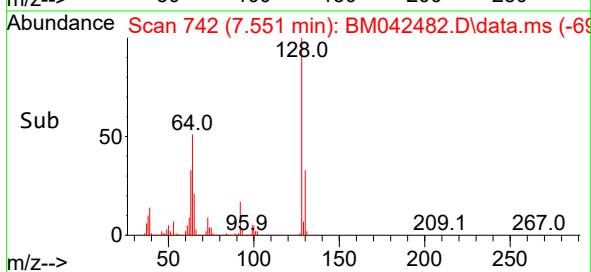
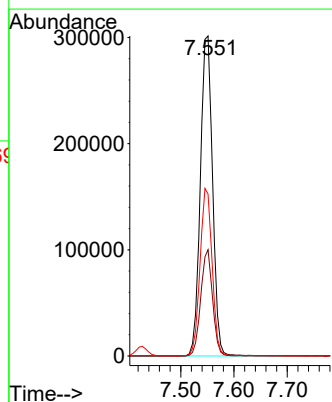
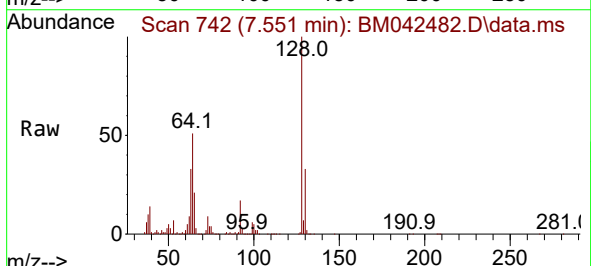
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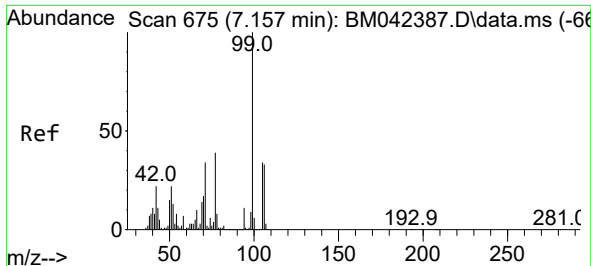
Tgt Ion: 99 Resp: 1124353
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 34.8 27.7 41.5



#8
2-Chlorophenol
Concen: 46.556 ng
RT: 7.551 min Scan# 742
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 128 Resp: 480429
Ion Ratio Lower Upper
128 100
130 33.2 12.1 52.1
64 50.6 38.2 78.2

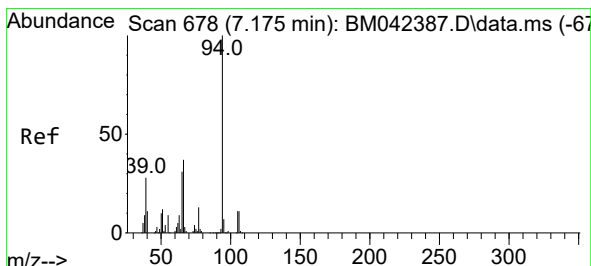
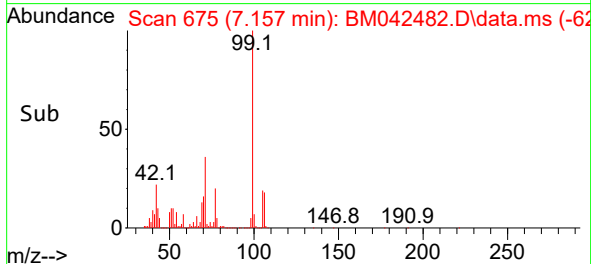
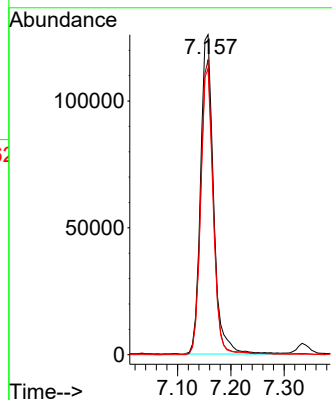
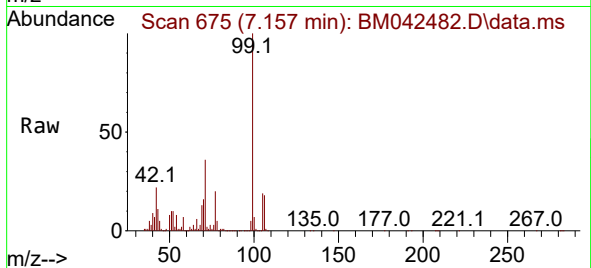




#9
Benzaldehyde
Concen: 26.384 ng
RT: 7.157 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

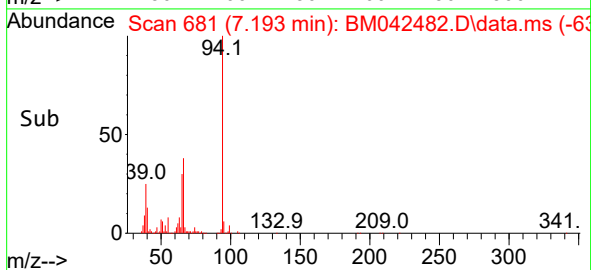
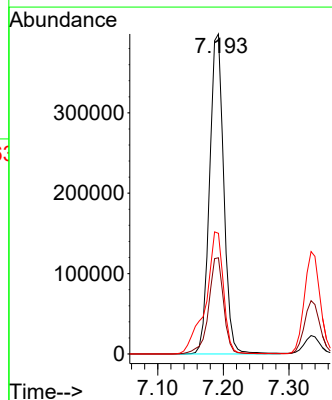
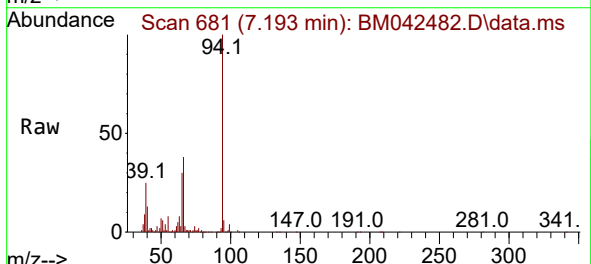
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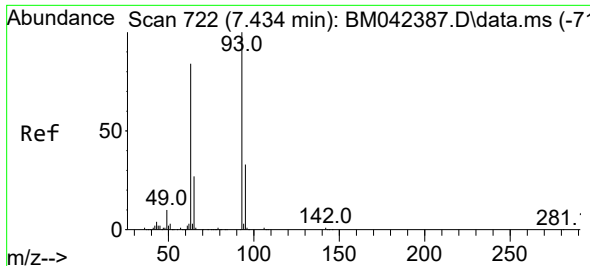
Tgt Ion: 77 Resp: 214172
Ion Ratio Lower Upper
77 100
105 92.0 68.7 108.7
106 89.4 65.8 105.8



#10
Phenol
Concen: 41.676 ng
RT: 7.193 min Scan# 681
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 94 Resp: 600170
Ion Ratio Lower Upper
94 100
65 30.0 10.9 50.9
66 37.7 18.2 58.2

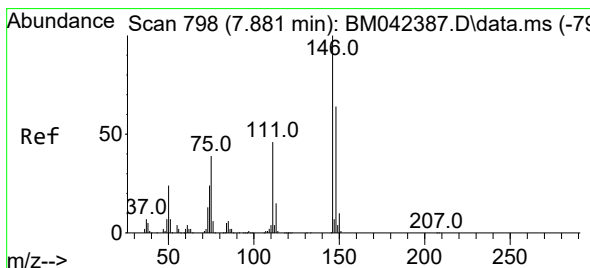
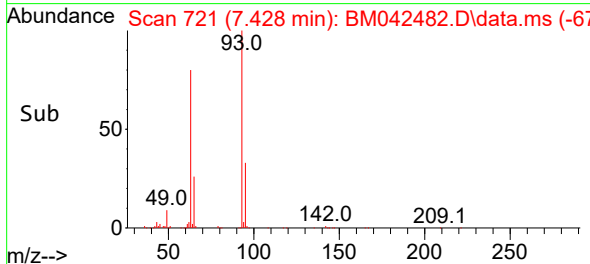
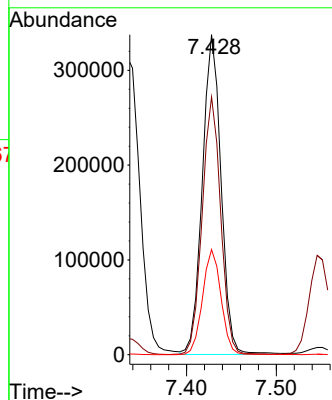
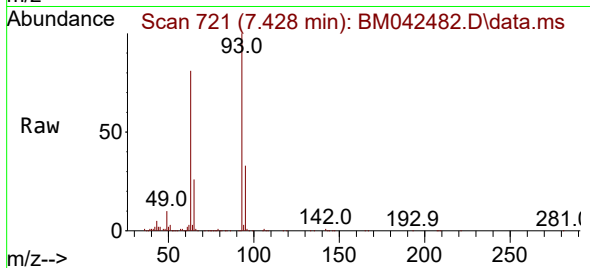




#11
bis(2-Chloroethyl)ether
Concen: 41.369 ng
RT: 7.428 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

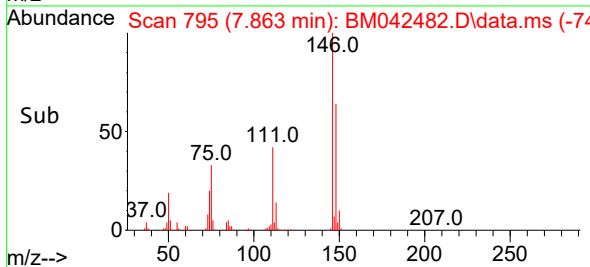
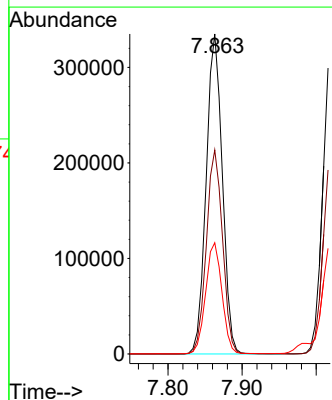
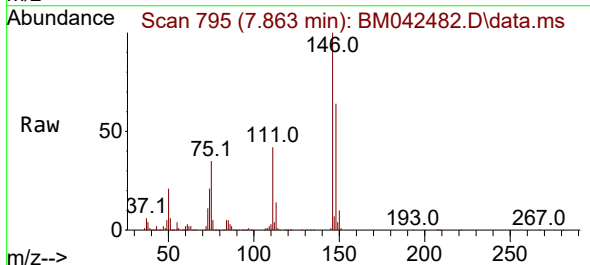
Instrument :
BNA_M
ClientSampleId :
PB156526BS

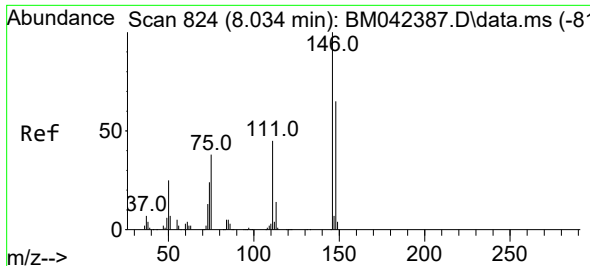
Tgt Ion: 93 Resp: 489130
Ion Ratio Lower Upper
93 100
63 80.5 64.2 104.2
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.487 ng
RT: 7.863 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:146 Resp: 506860
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 34.8 30.9 46.3

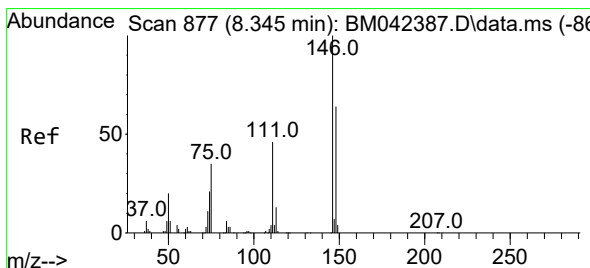
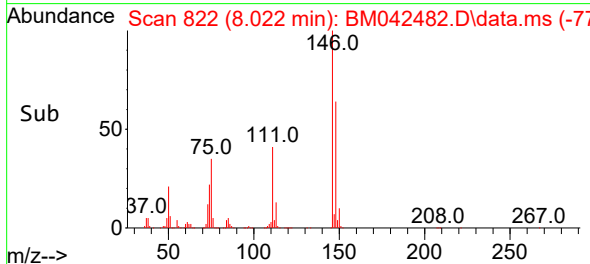
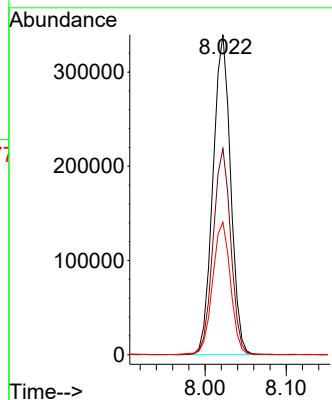
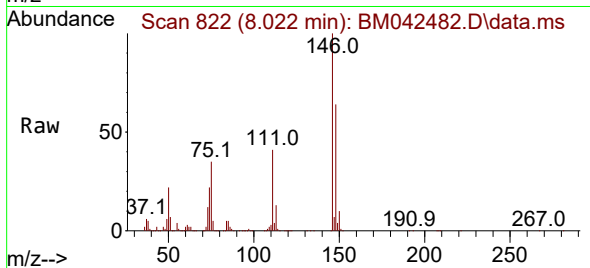




#13
1,4-Dichlorobenzene
Concen: 47.794 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

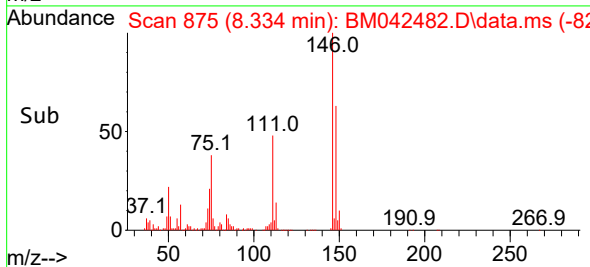
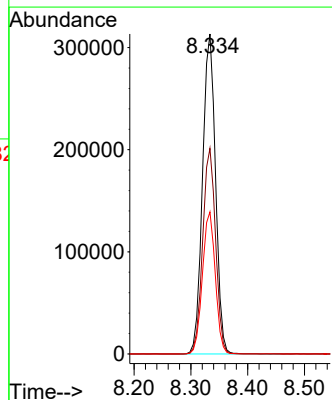
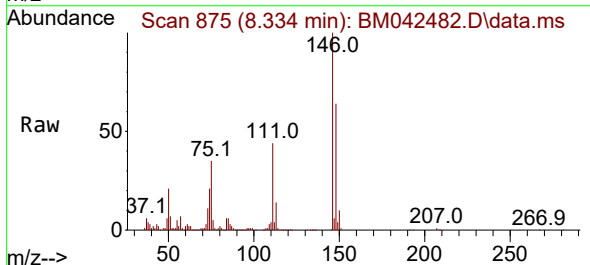
Instrument :
BNA_M
ClientSampleId :
PB156526BS

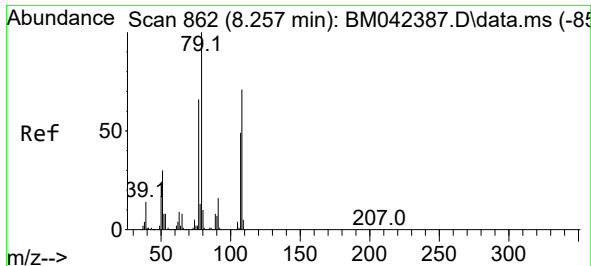
Tgt Ion:146 Resp: 513517
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 41.4 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 48.115 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:146 Resp: 496402
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 44.4 37.2 55.8

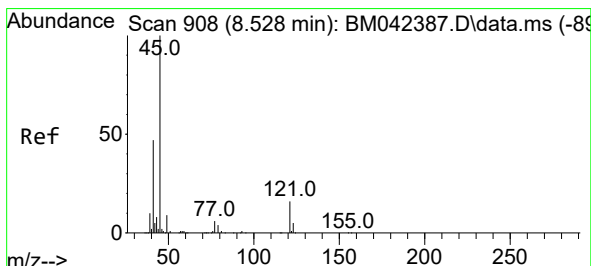
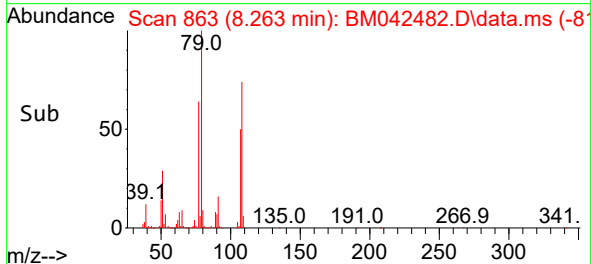
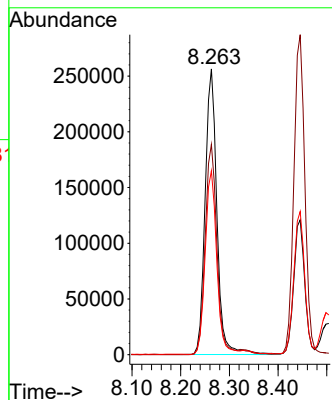
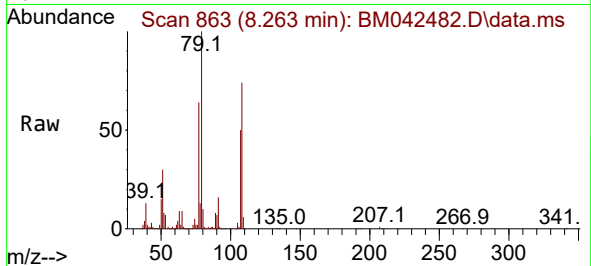




#15
Benzyl Alcohol
Concen: 41.560 ng
RT: 8.263 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

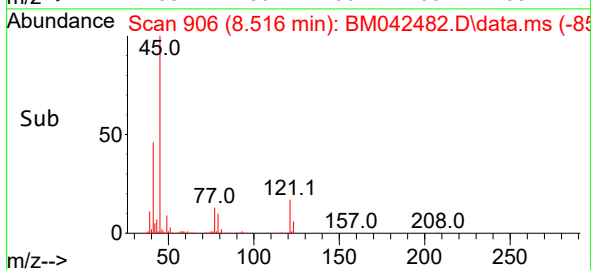
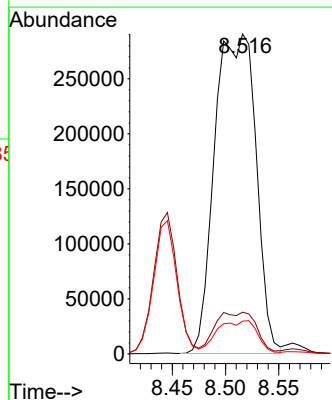
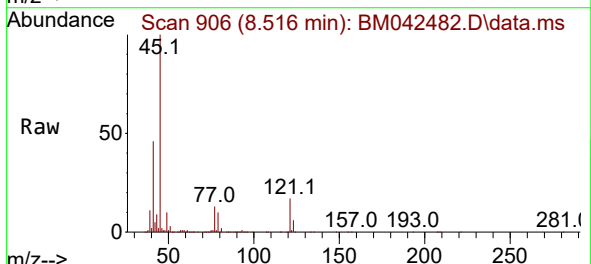
Instrument :
BNA_M
ClientSampleId :
PB156526BS

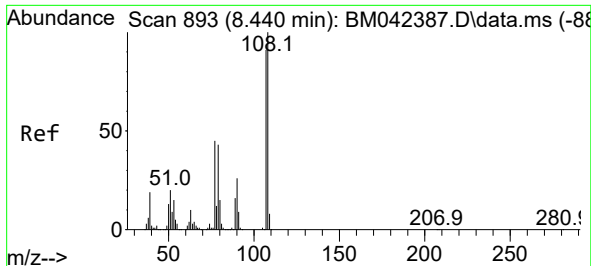
Tgt Ion: 79 Resp: 429378
Ion Ratio Lower Upper
79 100
108 73.6 57.1 85.7
77 64.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.647 ng
RT: 8.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 45 Resp: 779142
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.2
79 10.2 0.0 30.4

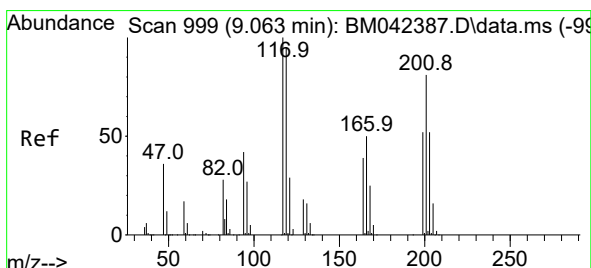
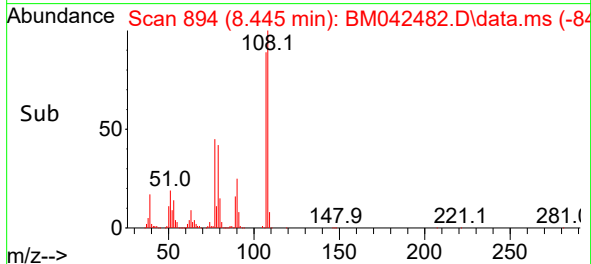
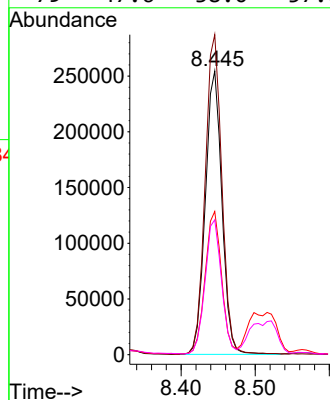
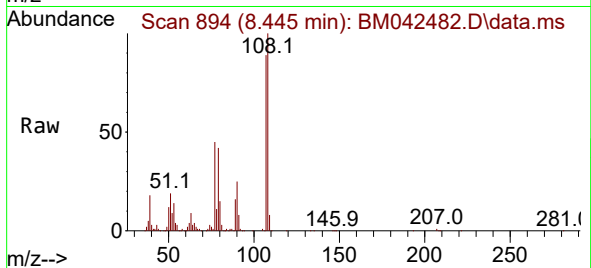




#17
2-Methylphenol
Concen: 41.610 ng
RT: 8.445 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

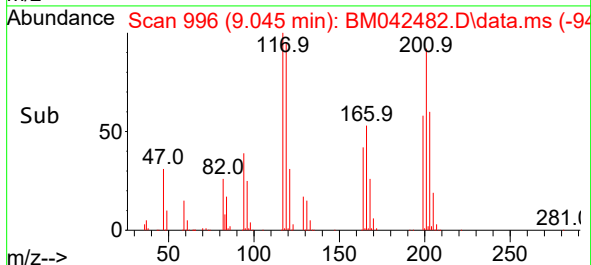
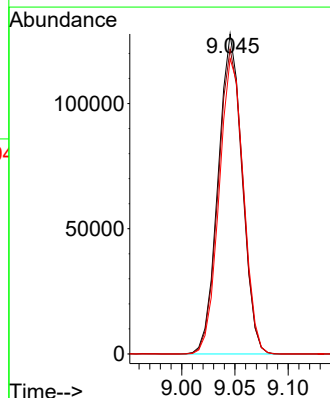
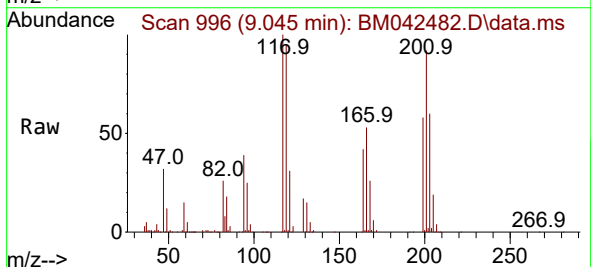
Instrument :
BNA_M
ClientSampleId :
PB156526BS

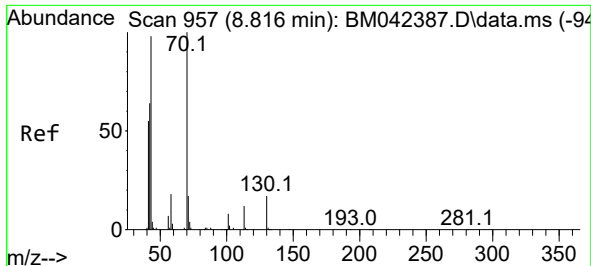
Tgt Ion:107 Resp: 395423
Ion Ratio Lower Upper
107 100
108 112.8 88.2 132.4
77 50.5 40.1 60.1
79 47.6 38.0 57.0



#18
Hexachloroethane
Concen: 48.715 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:117 Resp: 201497
Ion Ratio Lower Upper
117 100
119 95.3 75.9 113.9
201 92.3 64.6 97.0

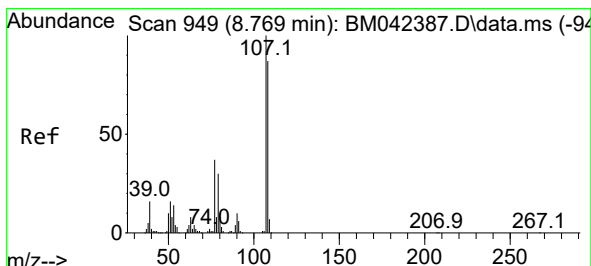
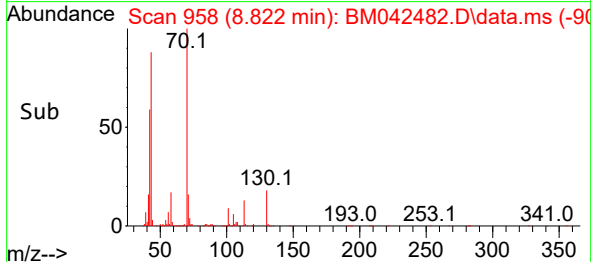
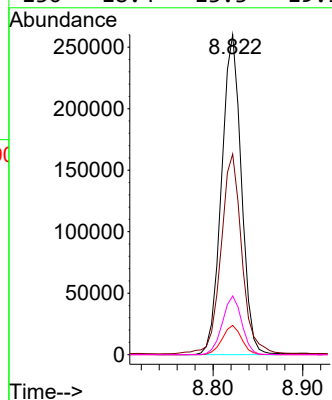
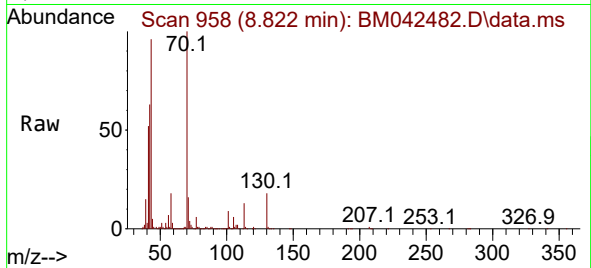




#19
n-Nitroso-di-n-propylamine
Concen: 42.192 ng
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

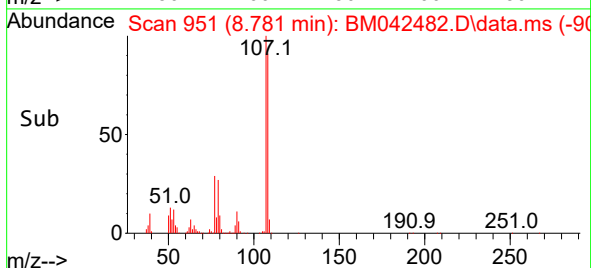
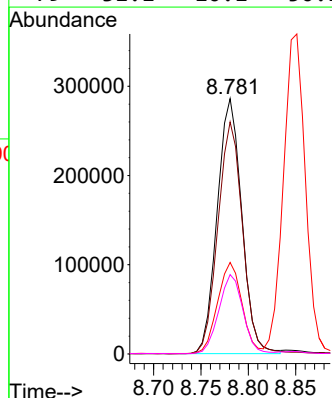
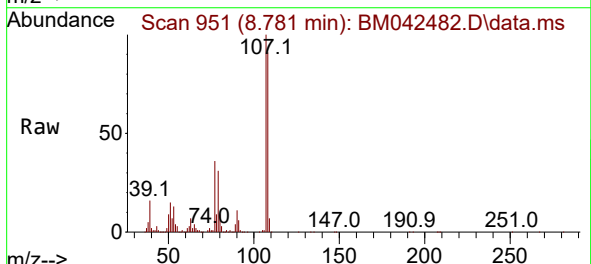
Instrument :
BNA_M
ClientSampleId :
PB156526BS

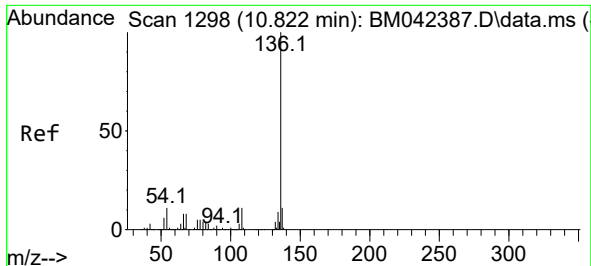
Tgt Ion: 70 Resp: 398555
Ion Ratio Lower Upper
70 100
42 62.7 52.1 78.1
101 9.1 6.5 9.7
130 18.4 13.3 19.9



#20
3+4-Methylphenols
Concen: 40.442 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 107 Resp: 515493
Ion Ratio Lower Upper
107 100
108 90.9 67.2 107.2
77 35.8 16.8 56.8
79 31.1 10.1 50.1

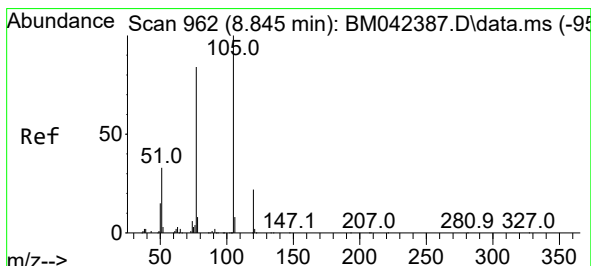
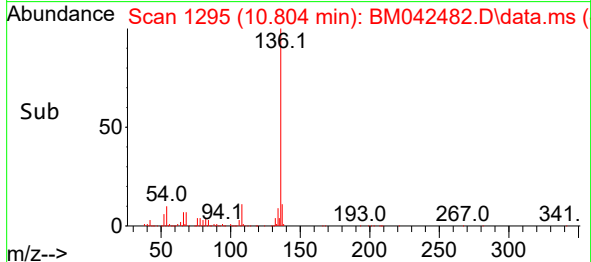
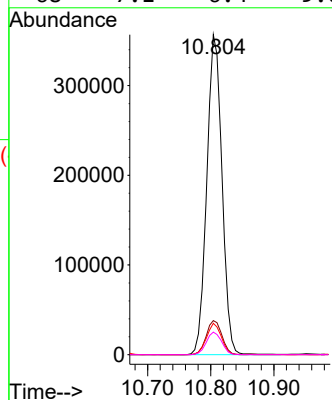
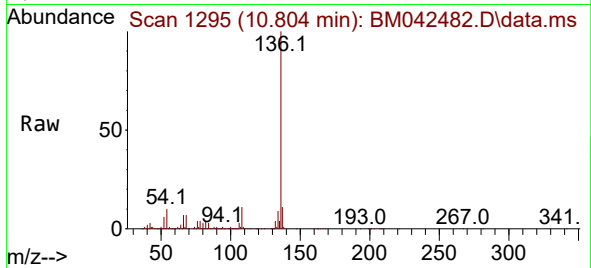




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

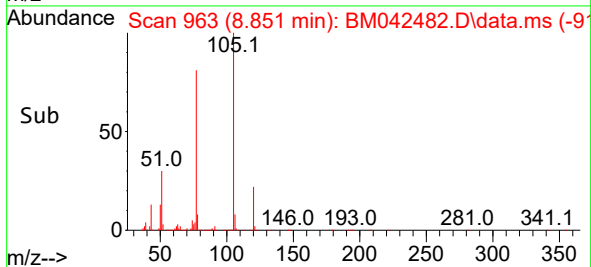
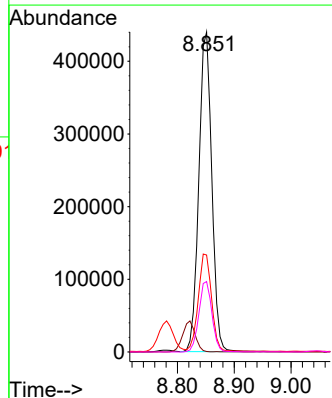
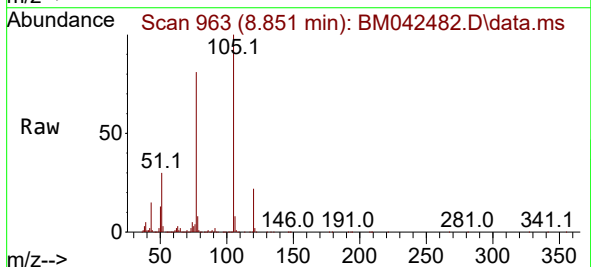
Instrument :
BNA_M
ClientSampleId :
PB156526BS

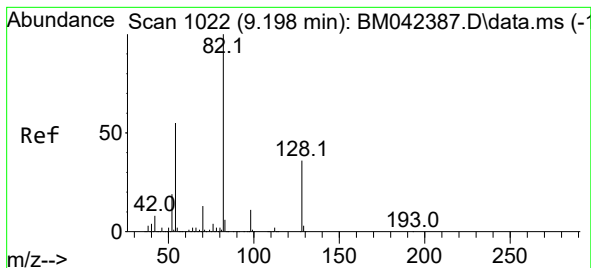
Tgt Ion:136 Resp: 596700
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.8 8.6 12.8
68 7.1 6.4 9.6



#22
Acetophenone
Concen: 42.803 ng
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:105 Resp: 696788
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 30.3 27.1 40.7
120 22.0 17.3 25.9

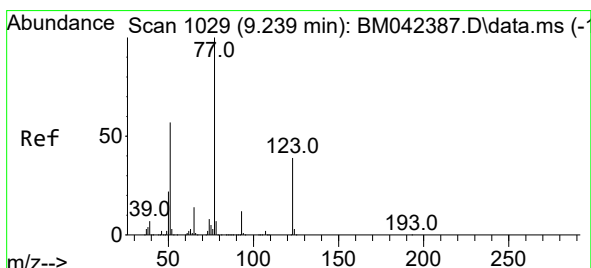
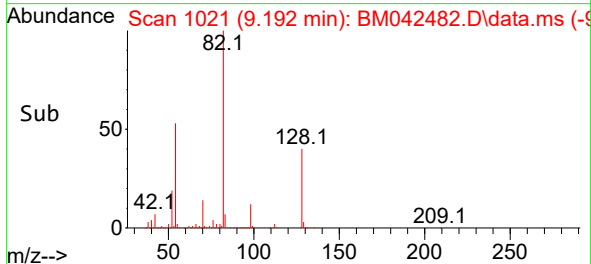
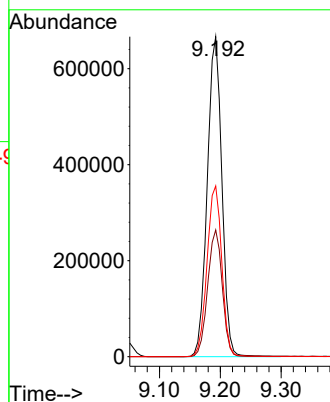
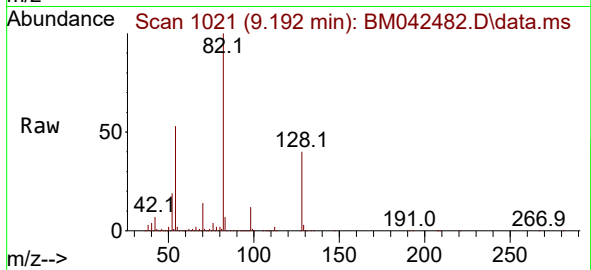




#23
Nitrobenzene-d5
Concen: 82.241 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

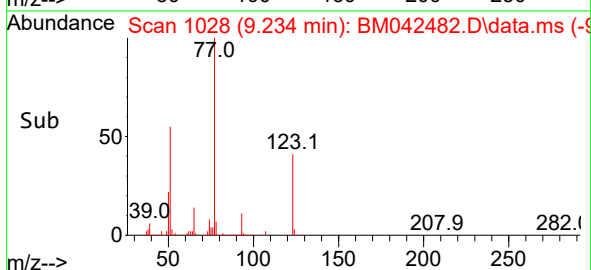
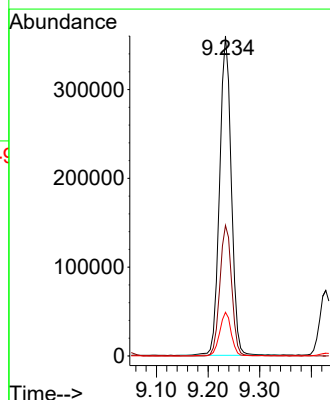
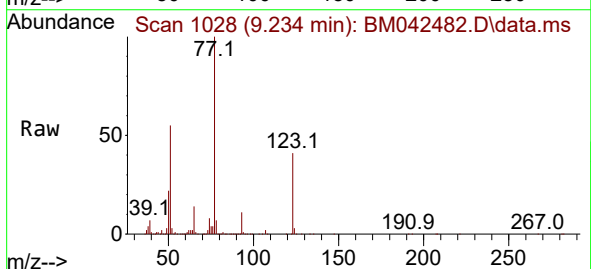
Instrument :
BNA_M
ClientSampleId :
PB156526BS

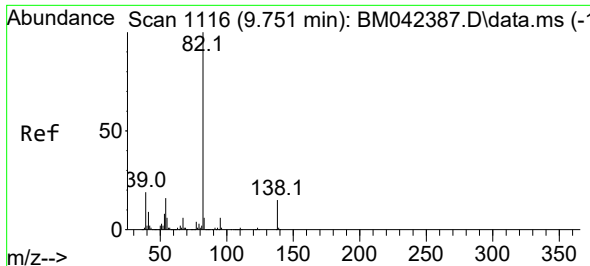
Tgt Ion: 82 Resp: 1109766
Ion Ratio Lower Upper
82 100
128 39.6 29.0 43.6
54 53.4 43.7 65.5



#24
Nitrobenzene
Concen: 41.849 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 77 Resp: 564958
Ion Ratio Lower Upper
77 100
123 40.8 31.2 46.8
65 13.6 11.4 17.0

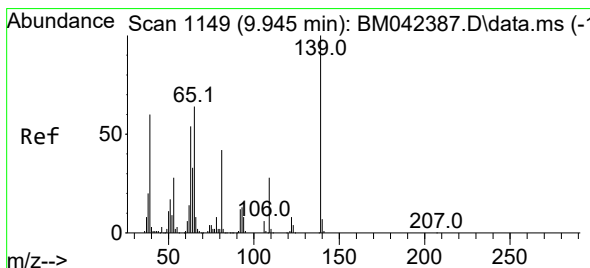
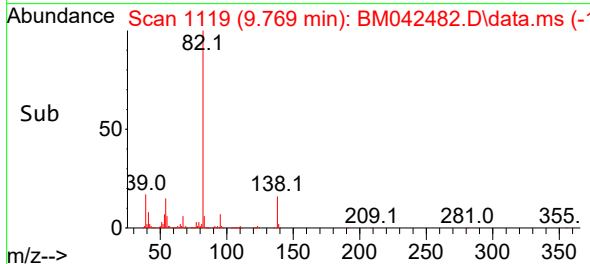
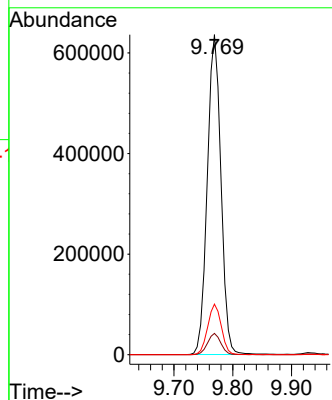
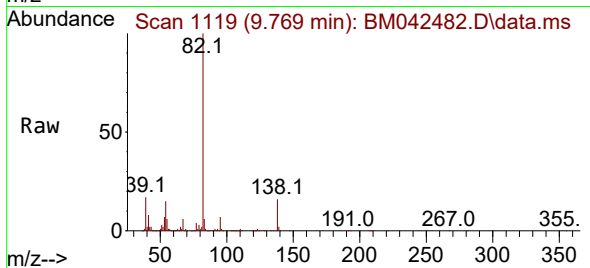




#25
Isophorone
Concen: 44.595 ng
RT: 9.769 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

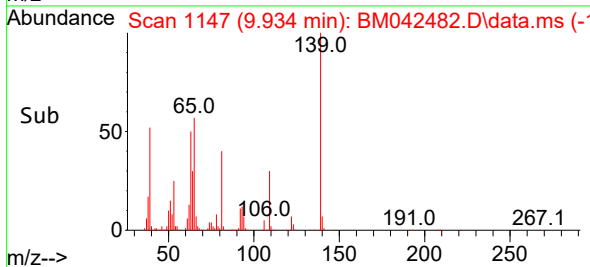
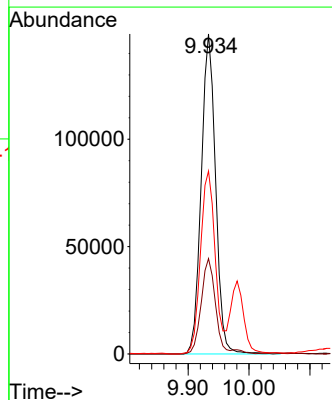
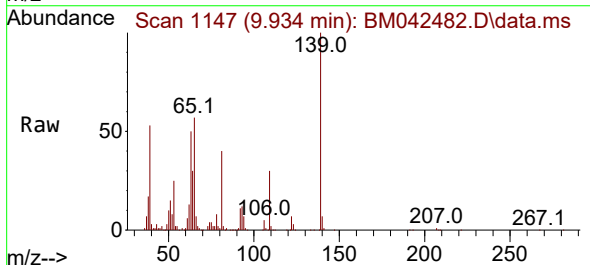
Instrument :
BNA_M
ClientSampleId :
PB156526BS

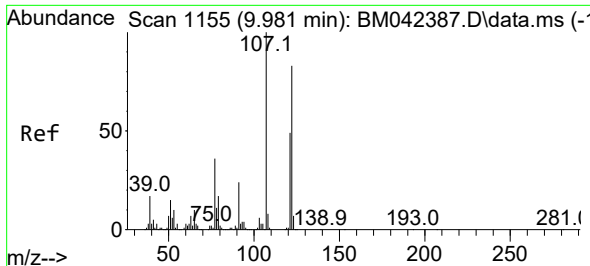
Tgt Ion: 82 Resp: 1022666
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.8 11.8 17.6



#26
2-Nitrophenol
Concen: 47.198 ng
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 139 Resp: 244986
Ion Ratio Lower Upper
139 100
109 29.8 22.3 33.5
65 57.1 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 46.812 ng

RT: 9.981 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

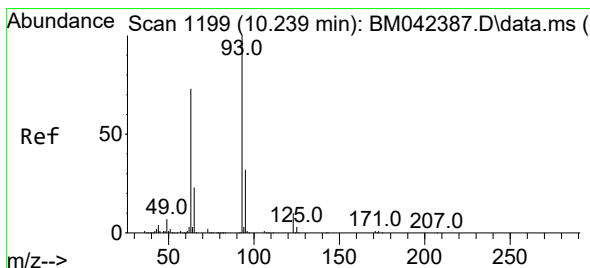
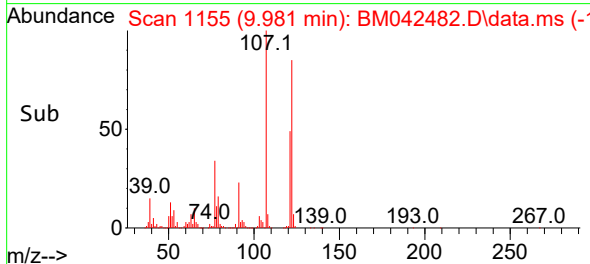
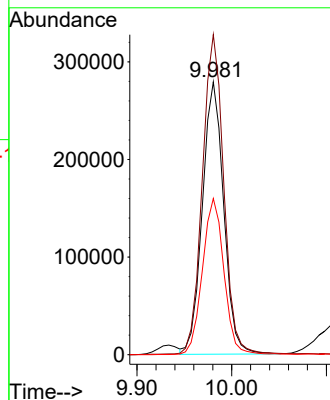
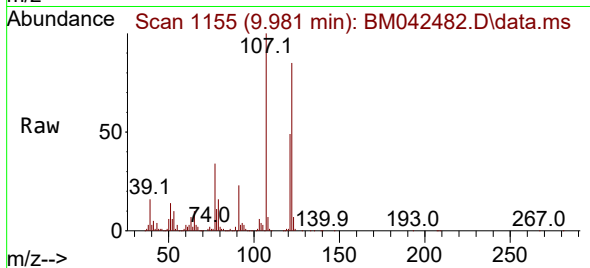
Tgt Ion:122 Resp: 435442

Ion Ratio Lower Upper

122 100

107 117.3 96.3 144.5

121 57.2 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.253 ng

RT: 10.234 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

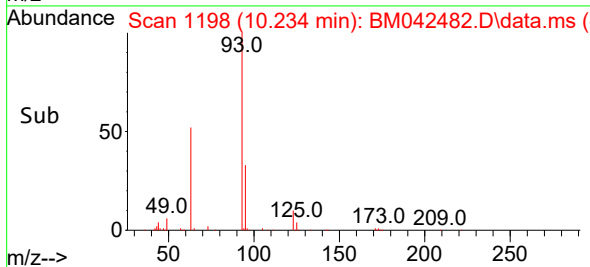
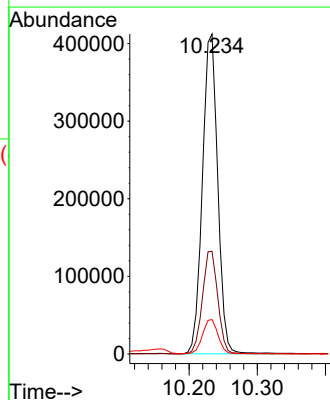
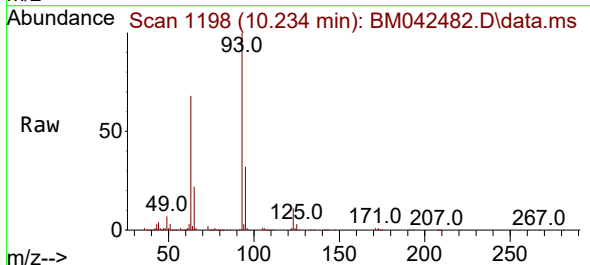
Tgt Ion: 93 Resp: 642956

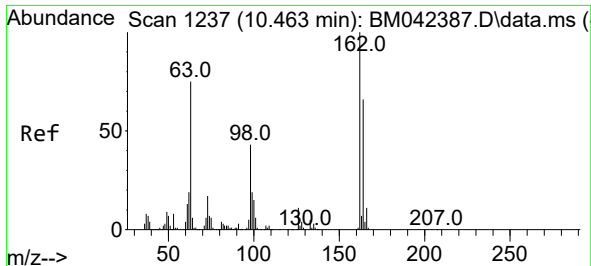
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 51.287 ng

RT: 10.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

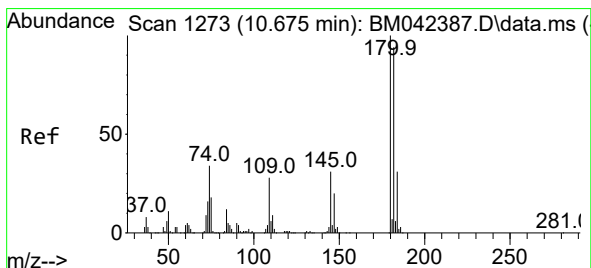
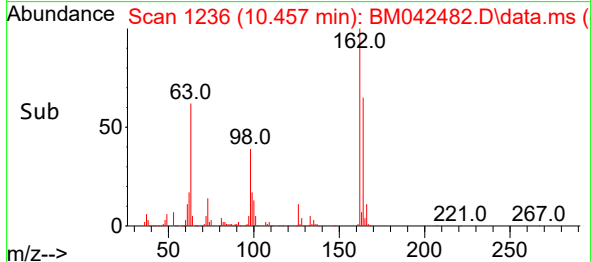
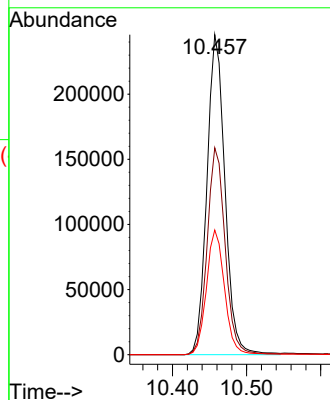
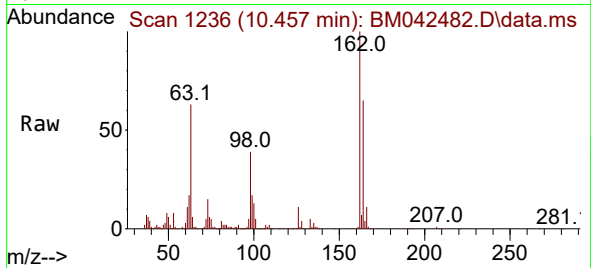
Tgt Ion:162 Resp: 414871

Ion Ratio Lower Upper

162 100

164 64.7 45.9 85.9

98 38.9 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 52.034 ng

RT: 10.657 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

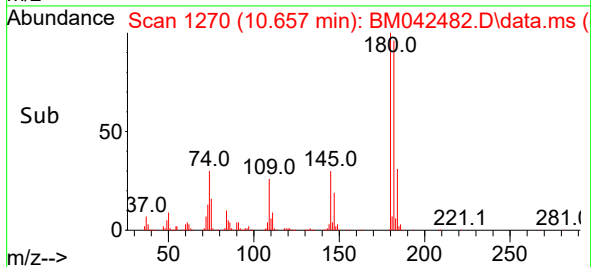
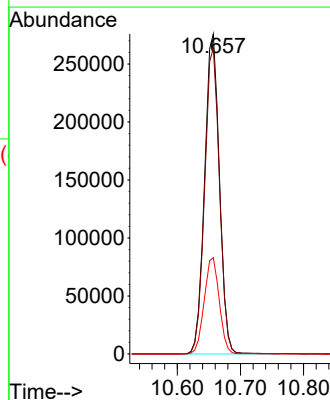
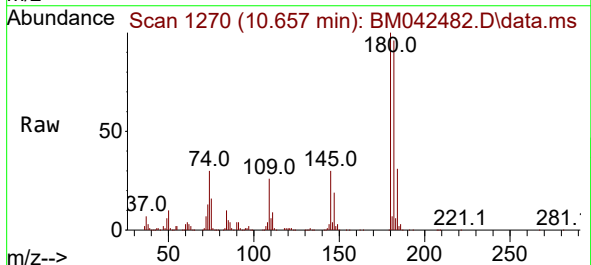
Tgt Ion:180 Resp: 451235

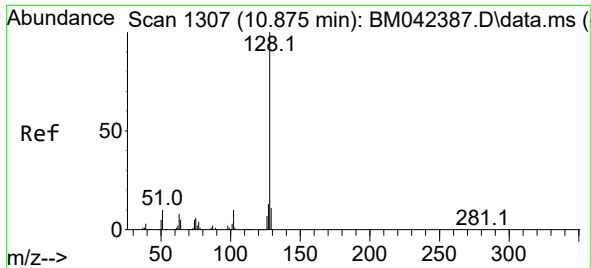
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.4

145 30.1 24.6 36.8

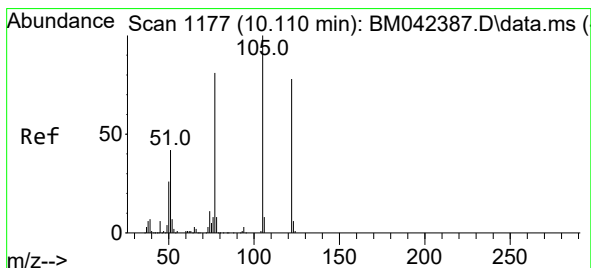
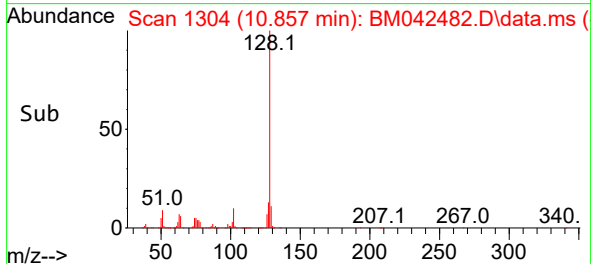
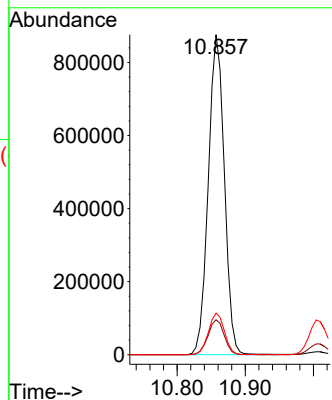
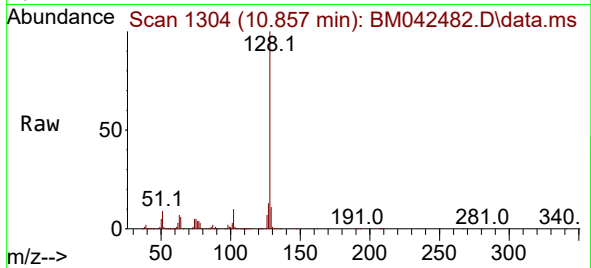




#31
Naphthalene
Concen: 46.828 ng
RT: 10.857 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

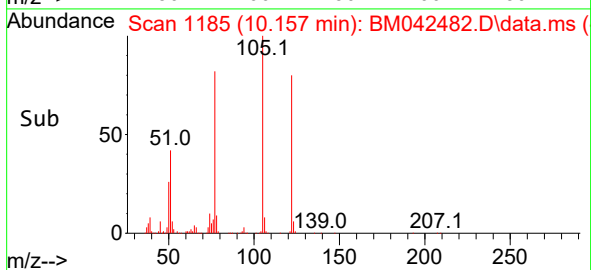
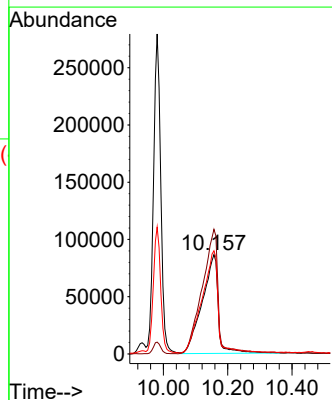
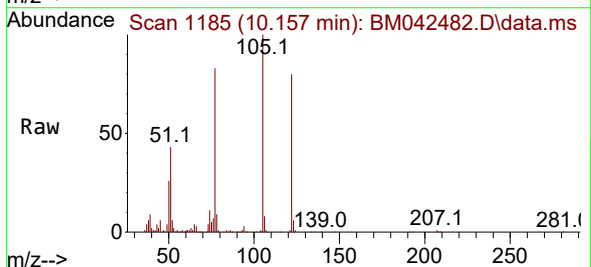
Instrument :
BNA_M
ClientSampleId :
PB156526BS

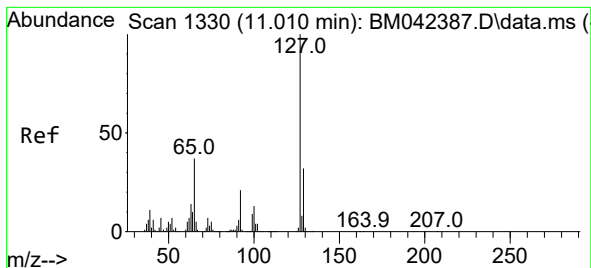
Tgt Ion:128 Resp: 1435226
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 44.388 ng
RT: 10.157 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:122 Resp: 298927
Ion Ratio Lower Upper
122 100
105 125.5 104.9 144.9
77 103.9 83.4 123.4





#33

4-Chloroaniline

Concen: 15.032 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

Tgt Ion:127 Resp: 200023

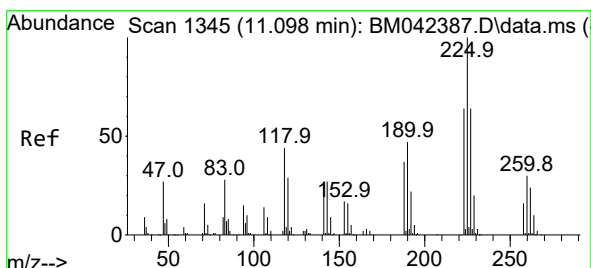
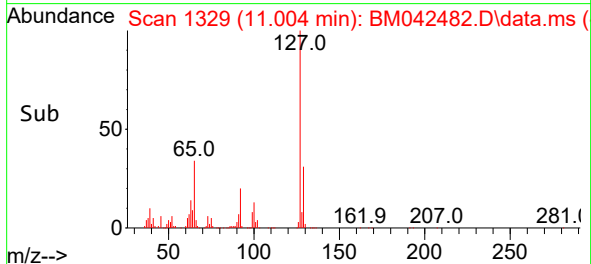
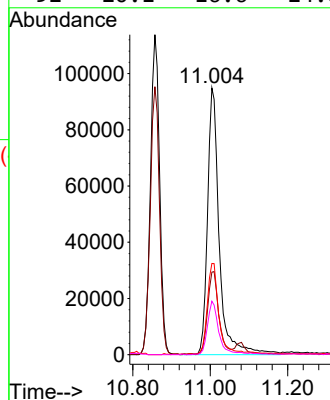
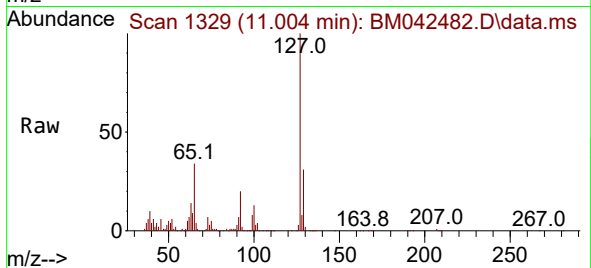
Ion Ratio Lower Upper

127 100

129 30.9 25.3 37.9

65 34.2 29.6 44.4

92 20.1 16.6 24.8



#34

Hexachlorobutadiene

Concen: 57.062 ng

RT: 11.081 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

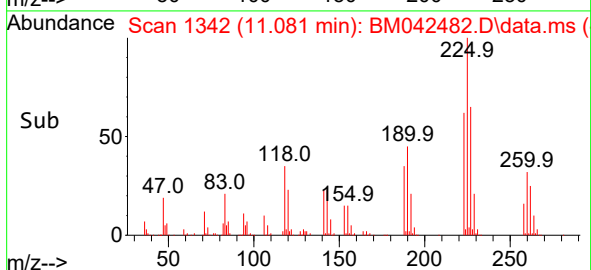
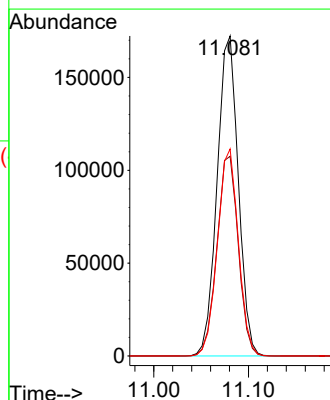
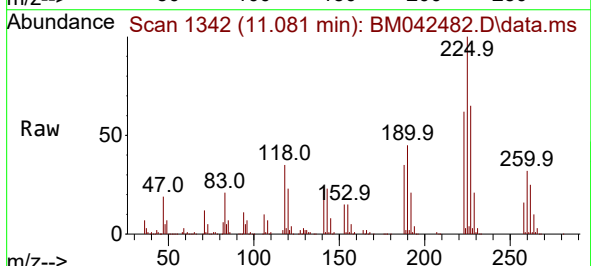
Tgt Ion:225 Resp: 267771

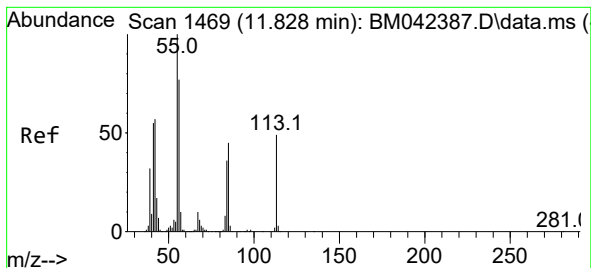
Ion Ratio Lower Upper

225 100

223 62.4 51.5 77.3

227 64.7 51.3 76.9

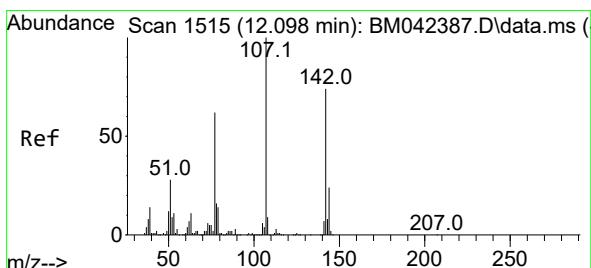
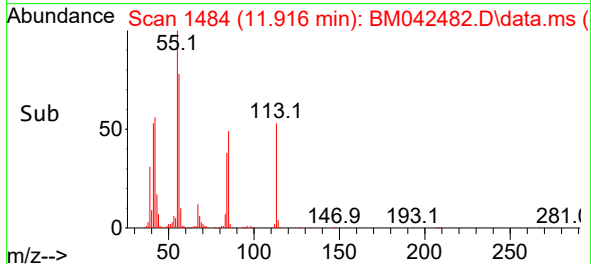
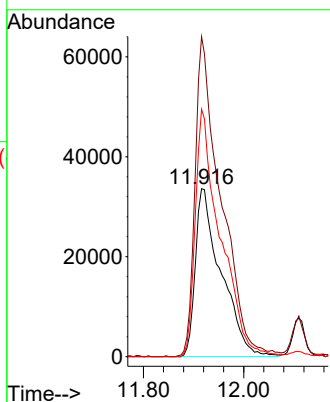
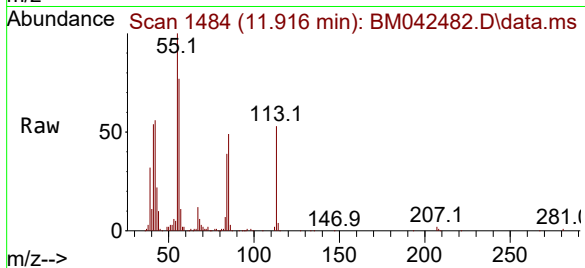




#35
Caprolactam
Concen: 38.602 ng
RT: 11.916 min Scan# 1469
Delta R.T. -0.030 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

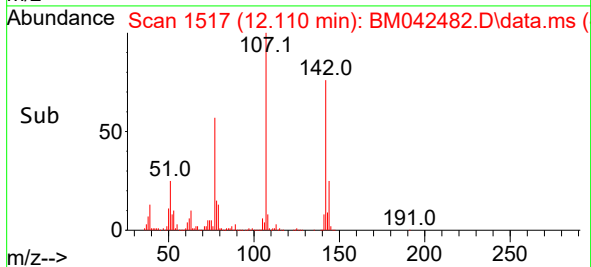
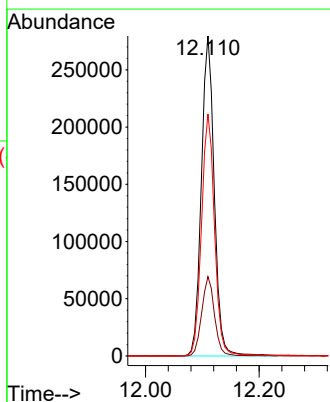
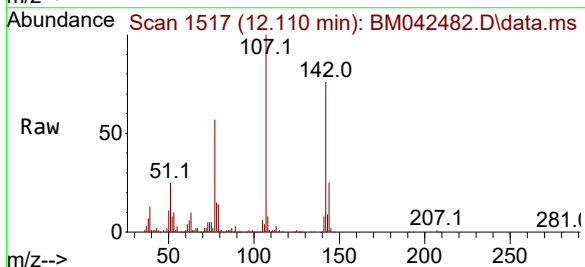
Instrument :
BNA_M
ClientSampleId :
PB156526BS

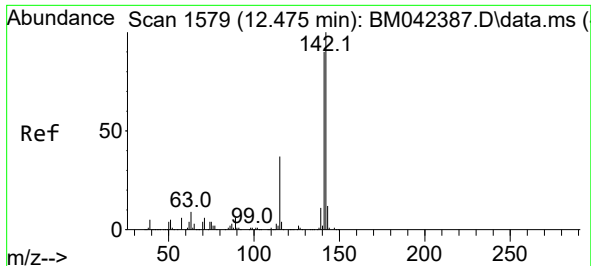
Tgt Ion:113 Resp: 119698
Ion Ratio Lower Upper
113 100
55 190.4 185.6 225.6
56 147.3 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 45.176 ng
RT: 12.110 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:107 Resp: 440991
Ion Ratio Lower Upper
107 100
144 24.8 18.9 28.3
142 75.6 59.2 88.8

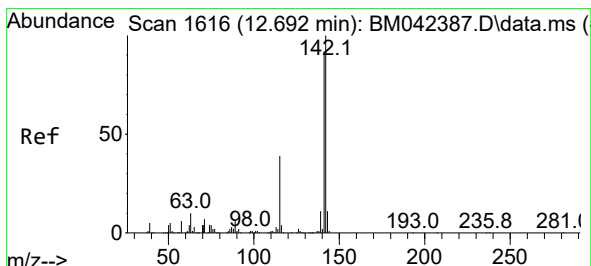
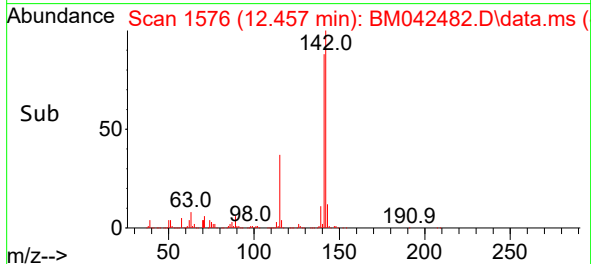
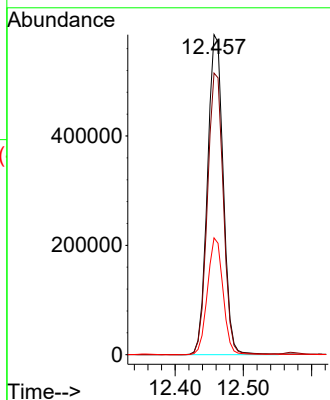
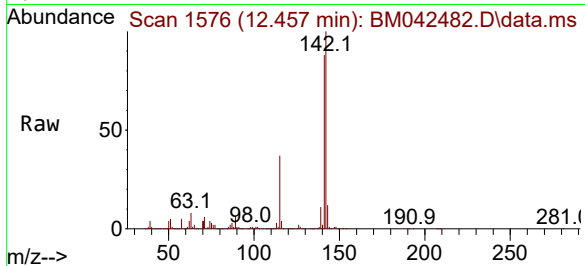




#37
2-Methylnaphthalene
Concen: 45.810 ng
RT: 12.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

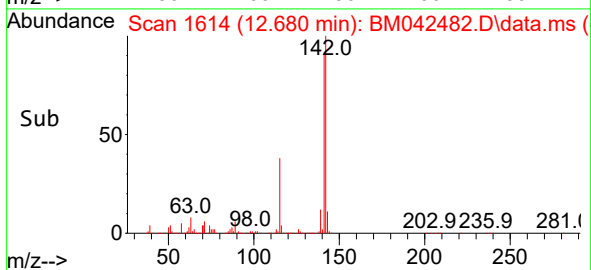
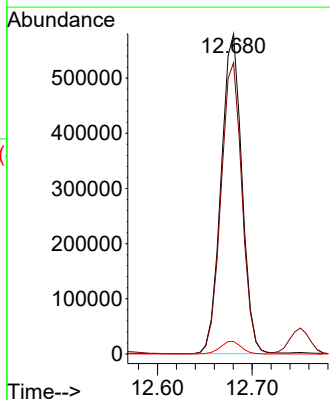
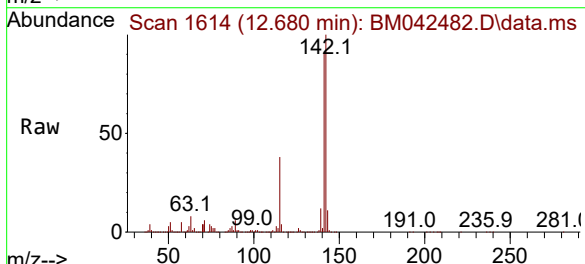
Instrument :
BNA_M
ClientSampleId :
PB156526BS

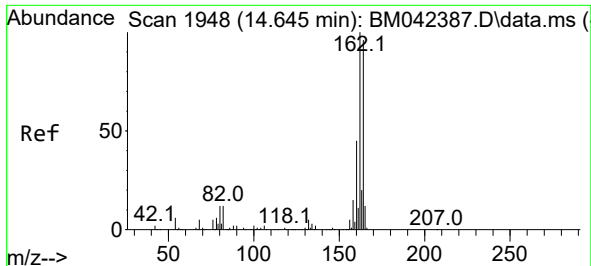
Tgt Ion:142 Resp: 945137
Ion Ratio Lower Upper
142 100
141 88.0 72.0 108.0
115 36.5 29.4 44.2



#38
1-Methylnaphthalene
Concen: 45.831 ng
RT: 12.680 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:142 Resp: 885837
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6
116 3.9 3.3 4.9

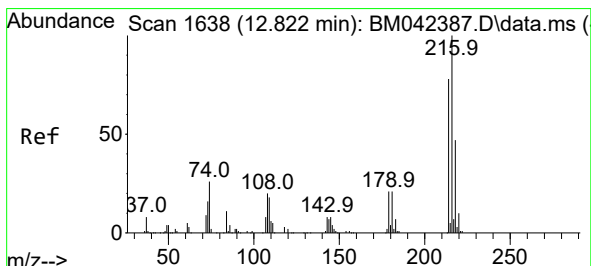
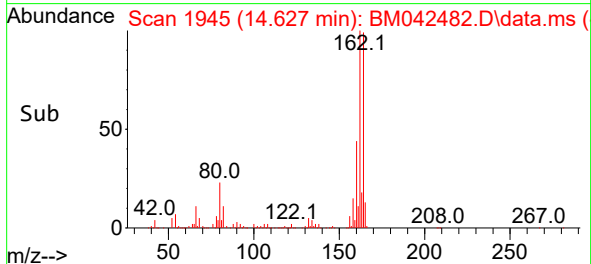
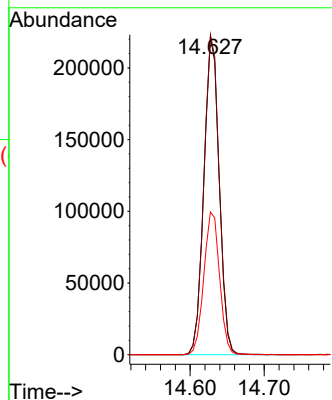
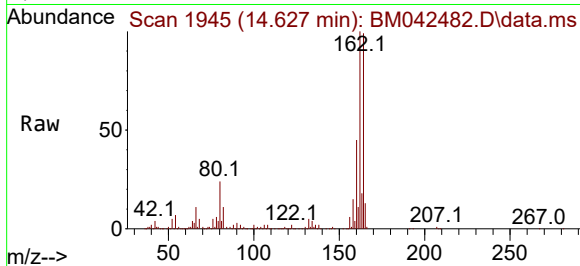




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

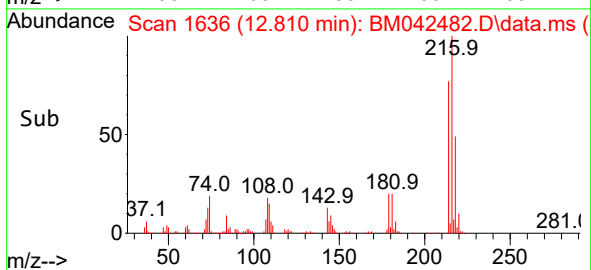
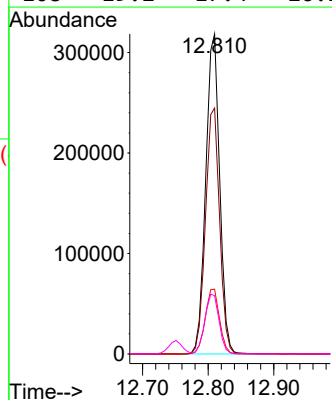
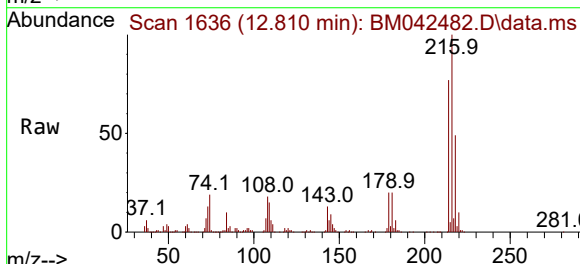
Instrument :
BNA_M
ClientSampleId :
PB156526BS

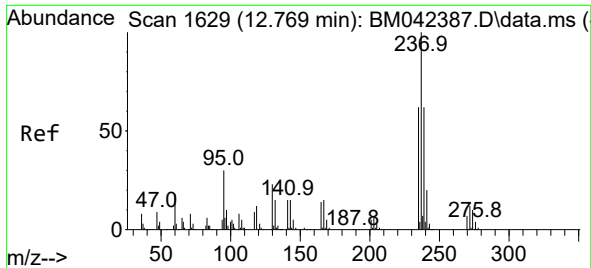
Tgt Ion:164 Resp: 317448
Ion Ratio Lower Upper
164 100
162 100.6 83.0 124.4
160 44.9 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.311 ng
RT: 12.810 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:216 Resp: 470897
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 20.9 17.2 25.8
108 19.2 17.4 26.2

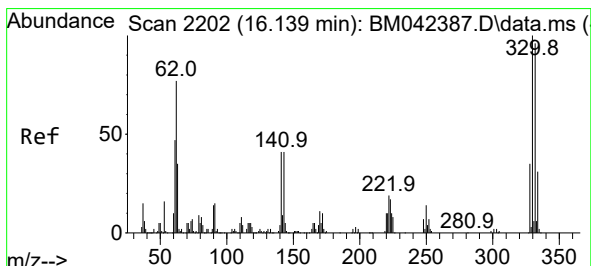
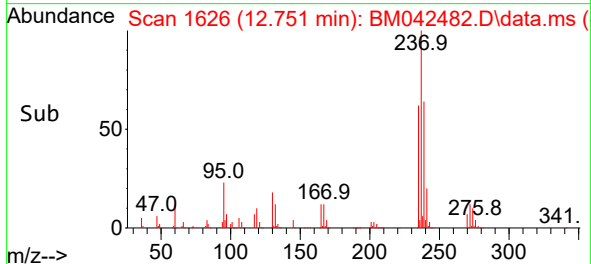
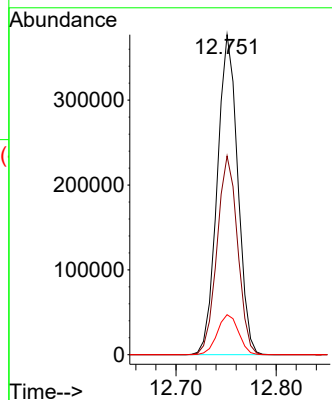
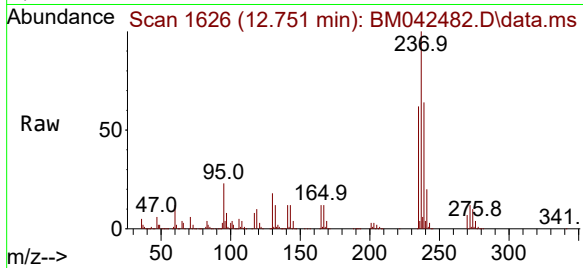




#41
Hexachlorocyclopentadiene
Concen: 105.876 ng
RT: 12.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

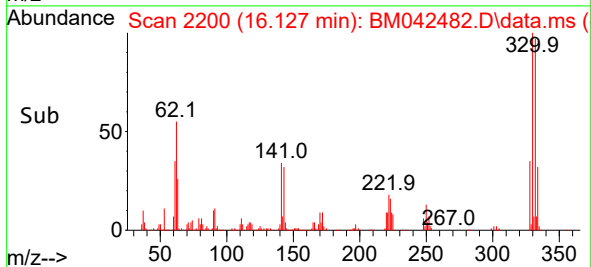
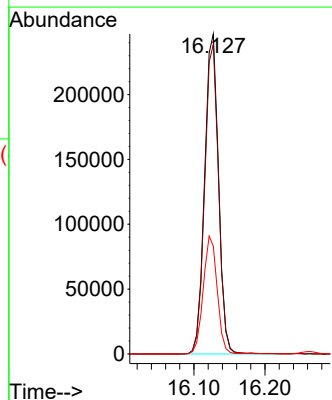
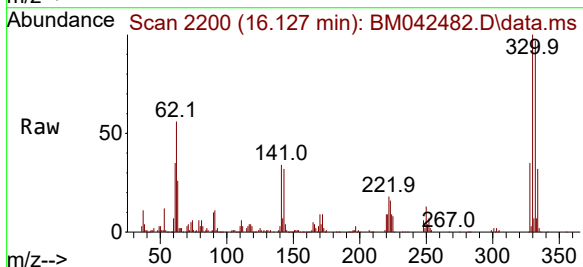
Instrument :
BNA_M
ClientSampleId :
PB156526BS

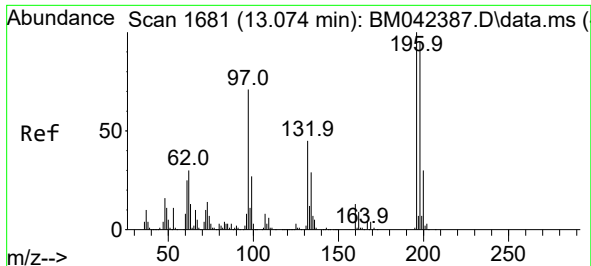
Tgt Ion:237 Resp: 534648
Ion Ratio Lower Upper
237 100
235 62.1 41.5 81.5
272 12.5 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 98.677 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:330 Resp: 337534
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 37.0 38.0 57.0#

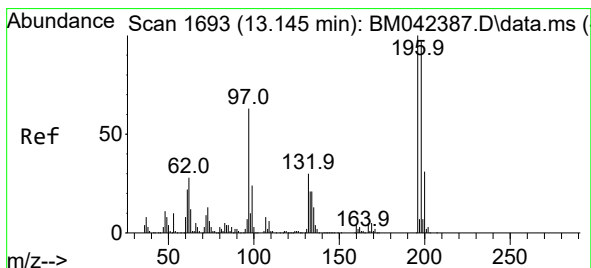
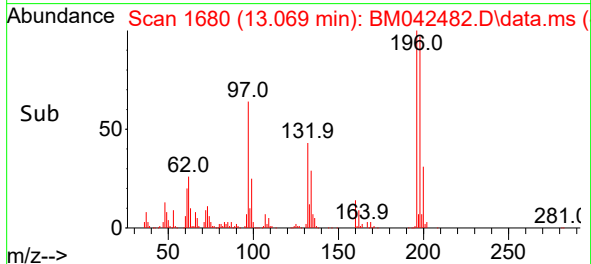
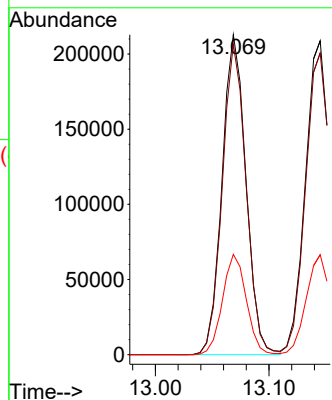
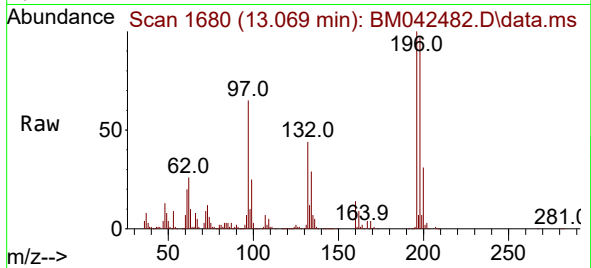




#43
2,4,6-Trichlorophenol
Concen: 52.366 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

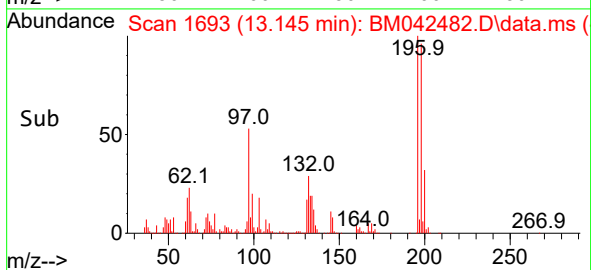
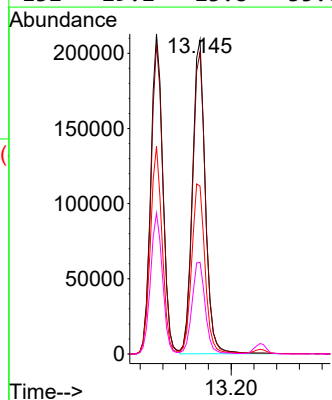
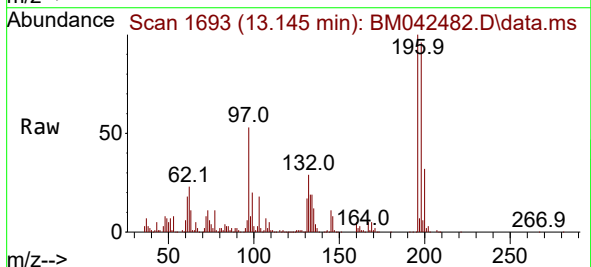
Instrument :
BNA_M
ClientSampleId :
PB156526BS

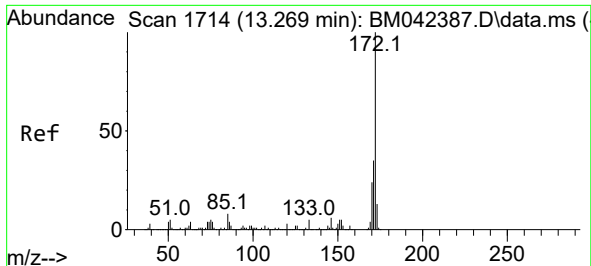
Tgt Ion:196 Resp: 311102
Ion Ratio Lower Upper
196 100
198 97.1 76.3 114.5
200 31.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 46.851 ng
RT: 13.145 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:196 Resp: 329028
Ion Ratio Lower Upper
196 100
198 96.1 77.9 116.9
97 53.4 50.9 76.3
132 29.2 23.8 35.6

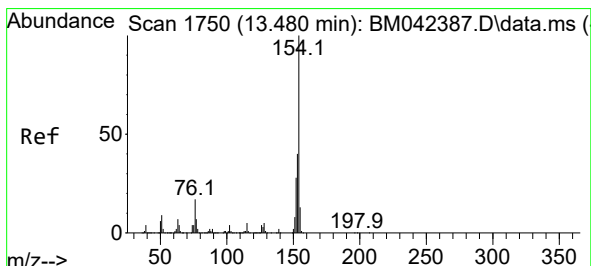
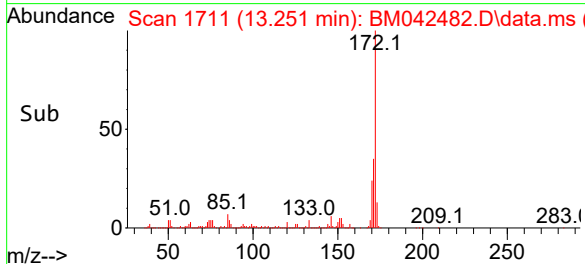
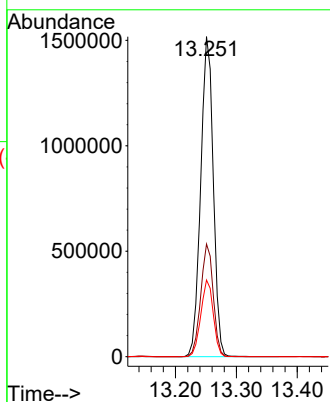
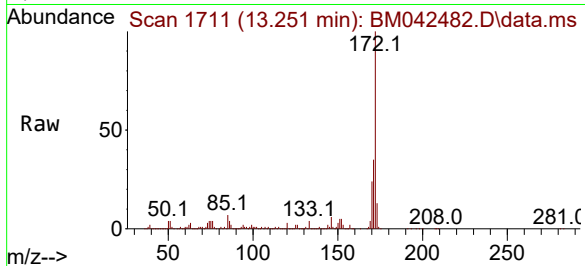




#45
2-Fluorobiphenyl
Concen: 92.659 ng
RT: 13.251 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

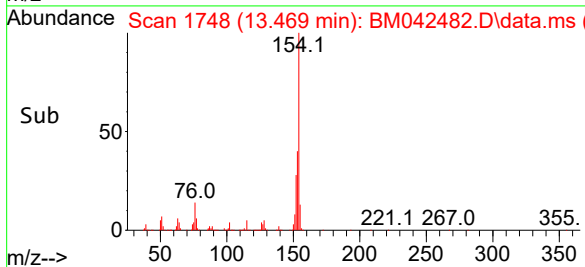
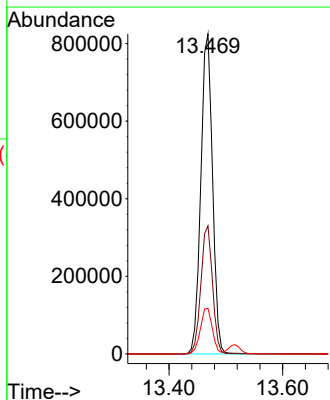
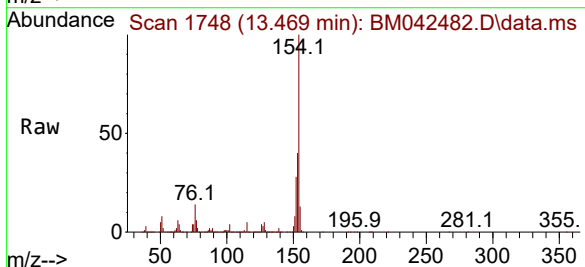
Instrument :
BNA_M
ClientSampleId :
PB156526BS

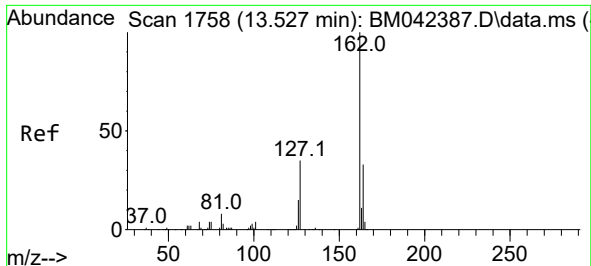
Tgt Ion:172 Resp: 2184329
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.791 ng
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:154 Resp: 1178358
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 14.3 0.0 36.9

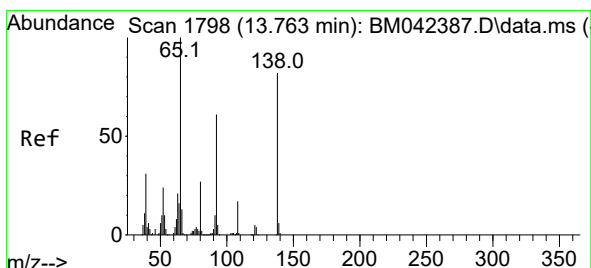
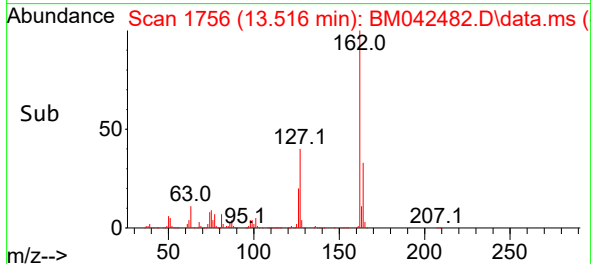
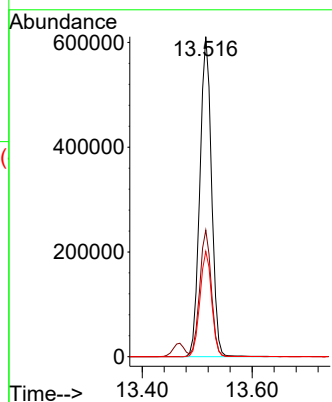
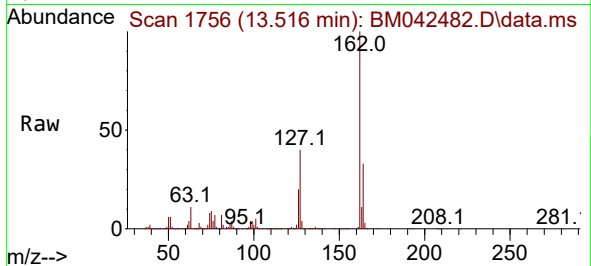




#47
2-Chloronaphthalene
Concen: 48.937 ng
RT: 13.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

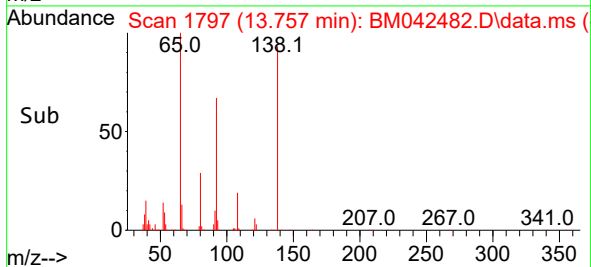
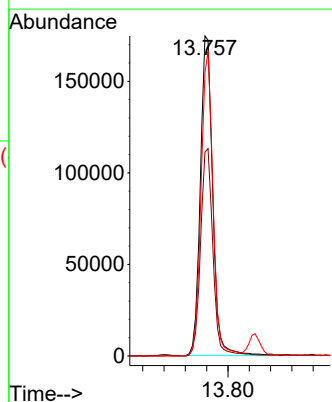
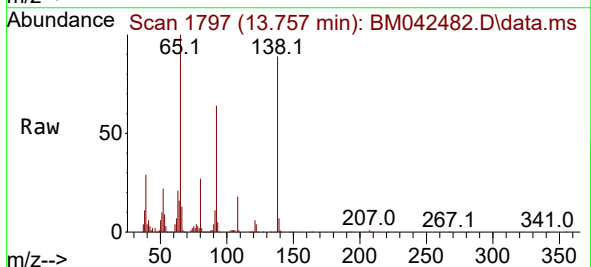
Instrument :
BNA_M
ClientSampleId :
PB156526BS

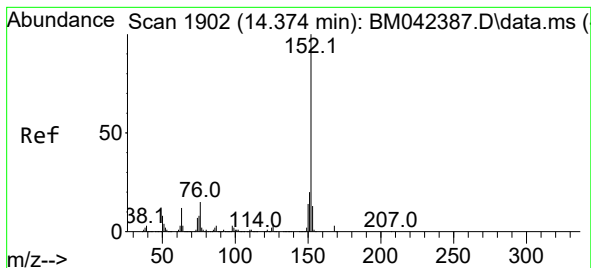
Tgt Ion:162 Resp: 904163
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 35.553 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 65 Resp: 281872
Ion Ratio Lower Upper
65 100
92 63.7 49.0 73.6
138 88.5 65.5 98.3





#49

Acenaphthylene

Concen: 46.739 ng

RT: 14.363 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

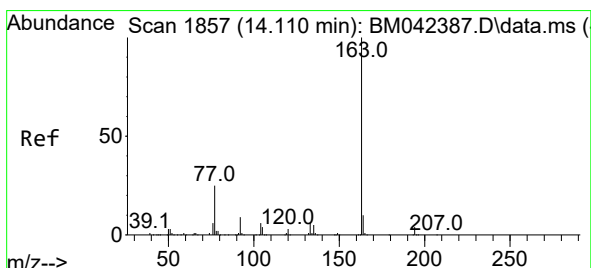
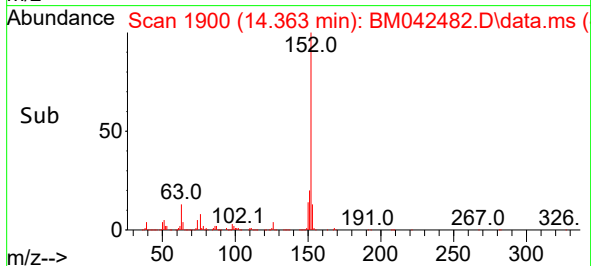
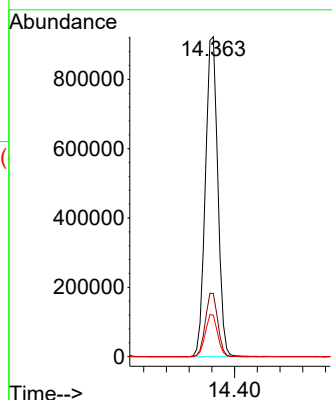
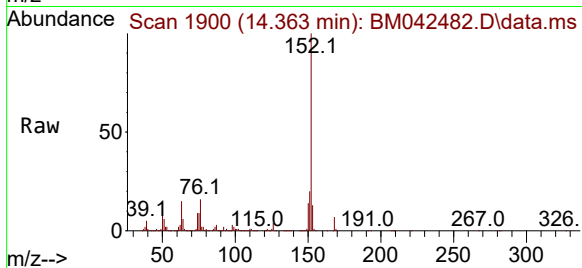
Tgt Ion:152 Resp: 1394120

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 45.409 ng

RT: 14.104 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

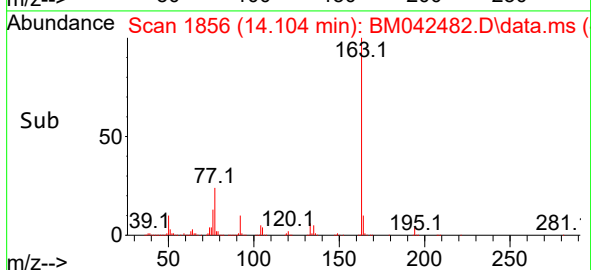
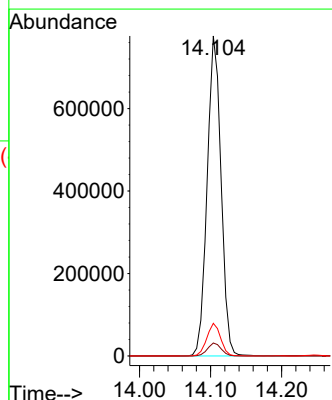
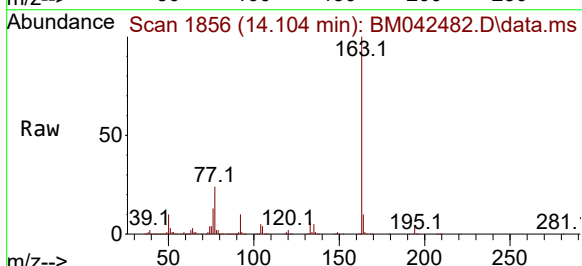
Tgt Ion:163 Resp: 1057356

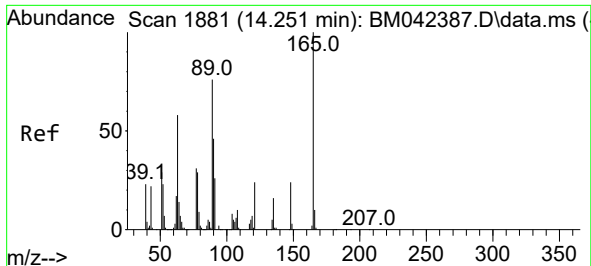
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 42.891 ng

RT: 14.245 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

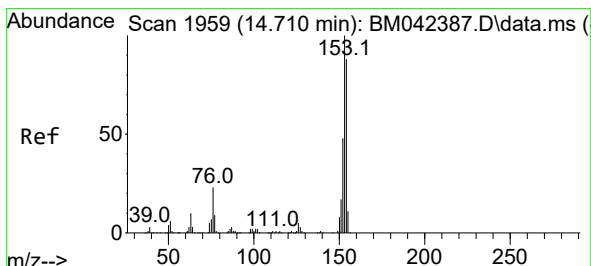
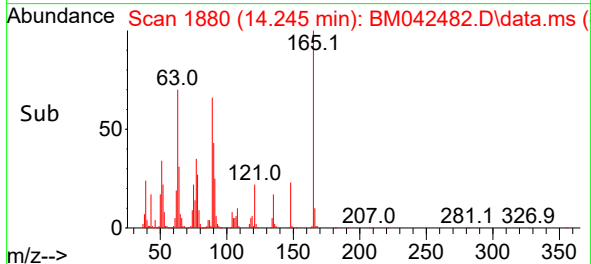
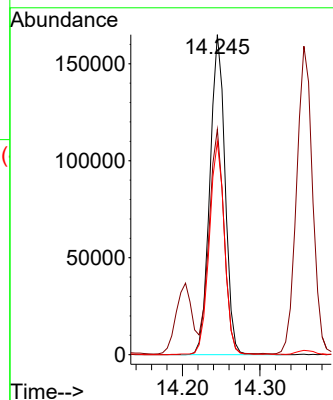
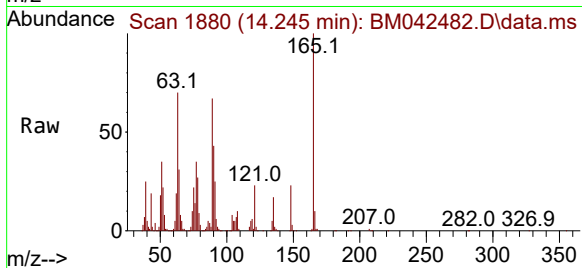
Tgt Ion:165 Resp: 223783

Ion Ratio Lower Upper

165 100

63 70.4 65.3 97.9

89 66.6 60.6 91.0



#52

Acenaphthene

Concen: 47.054 ng

RT: 14.692 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

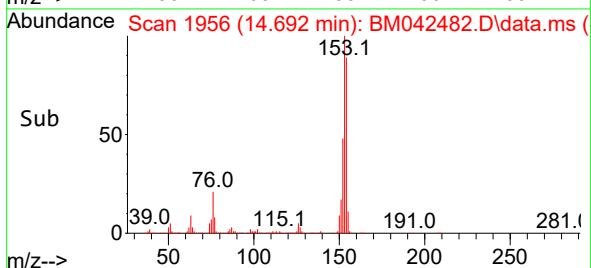
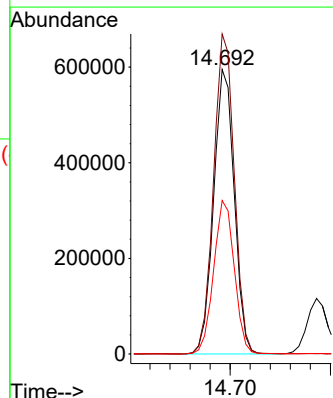
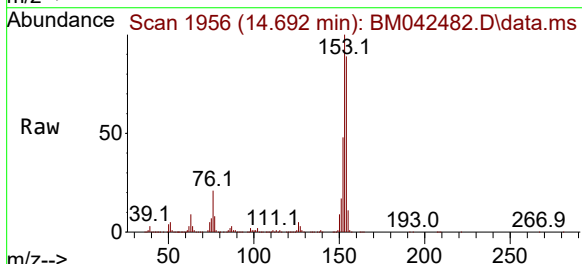
Tgt Ion:154 Resp: 848528

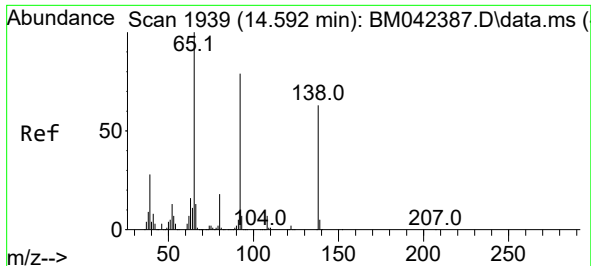
Ion Ratio Lower Upper

154 100

153 112.5 91.1 136.7

152 54.0 44.0 66.0

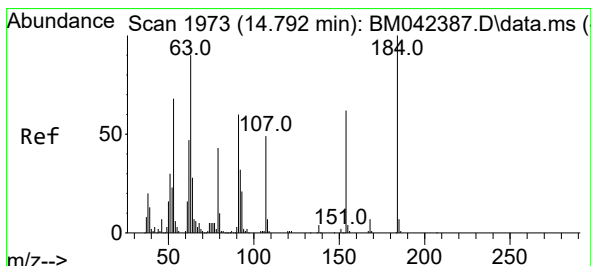
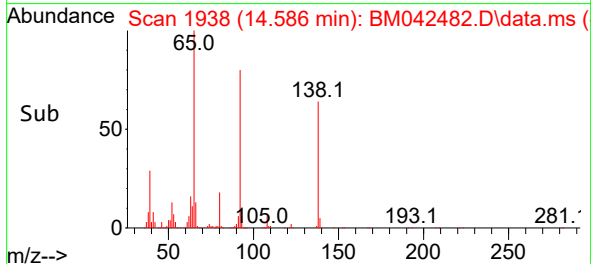
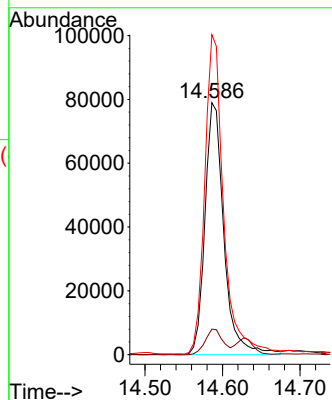
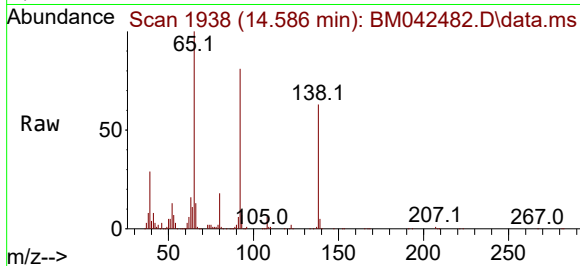




#53
3-Nitroaniline
Concen: 23.293 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

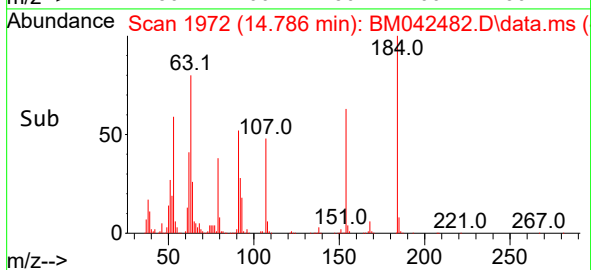
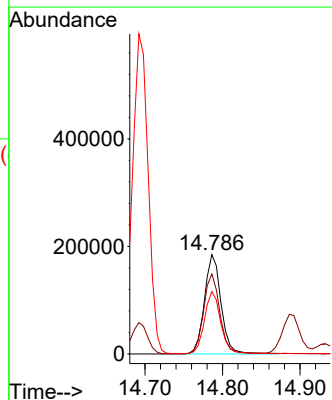
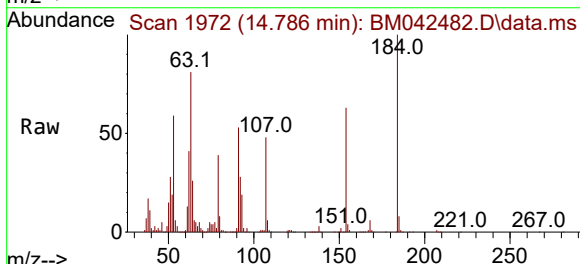
Instrument :
BNA_M
ClientSampleId :
PB156526BS

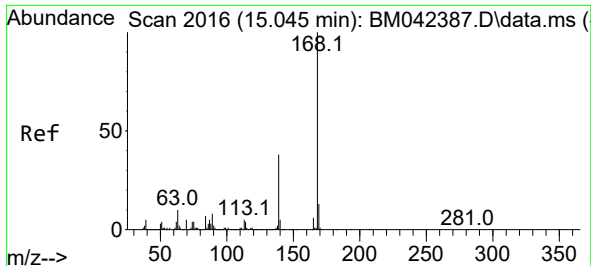
Tgt Ion:138 Resp: 133969
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 127.0 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 83.602 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:184 Resp: 273602
Ion Ratio Lower Upper
184 100
63 80.5 72.2 108.2
154 62.8 49.6 74.4

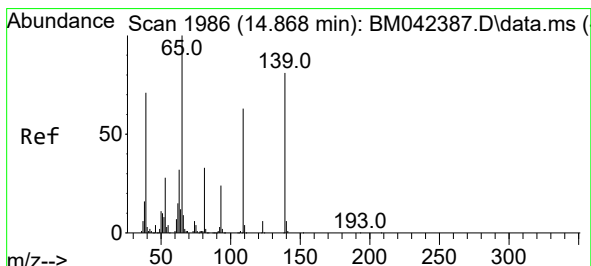
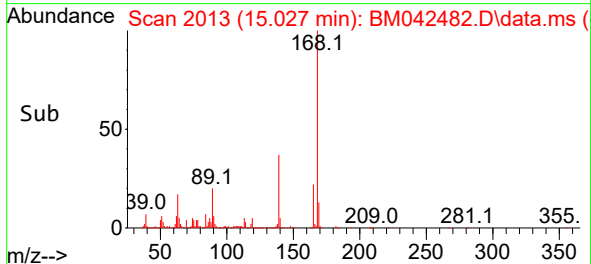
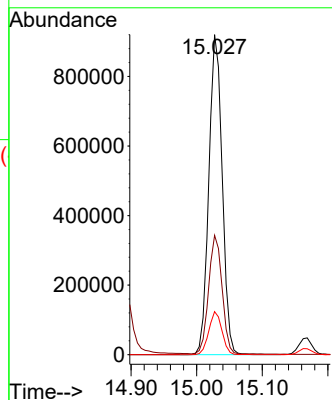
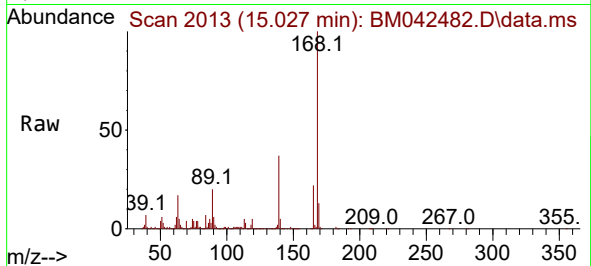




#55
Dibenzenofuran
Concen: 45.808 ng
RT: 15.027 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

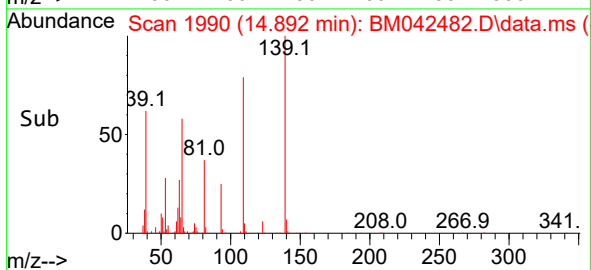
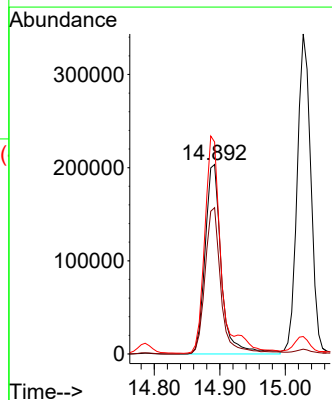
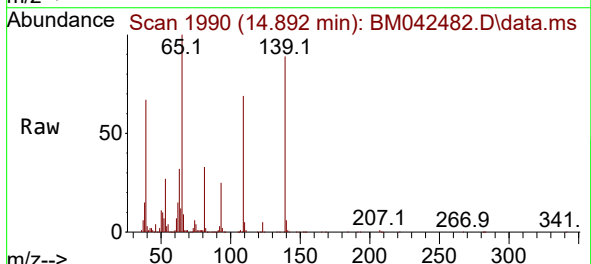
Instrument :
BNA_M
ClientSampleId :
PB156526BS

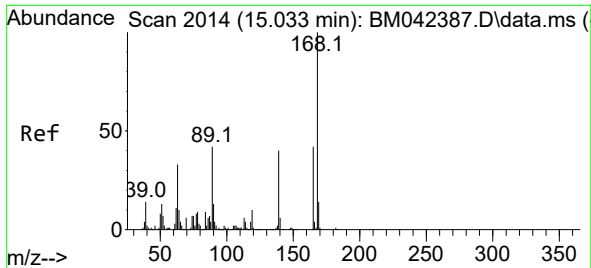
Tgt Ion:168 Resp: 1306556
Ion Ratio Lower Upper
168 100
139 37.3 30.6 46.0
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 74.150 ng
RT: 14.892 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:139 Resp: 351650
Ion Ratio Lower Upper
139 100
109 77.2 58.0 98.0
65 111.9 104.2 144.2

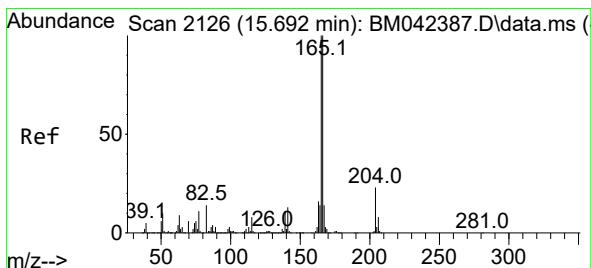
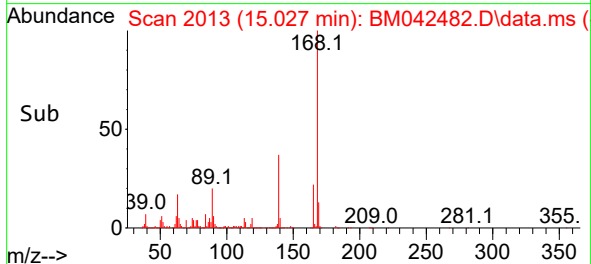
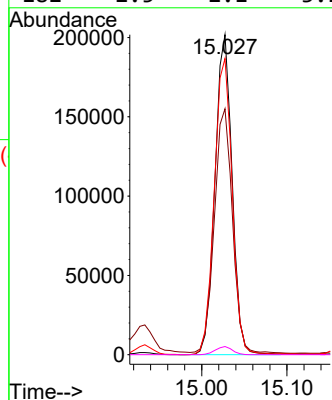
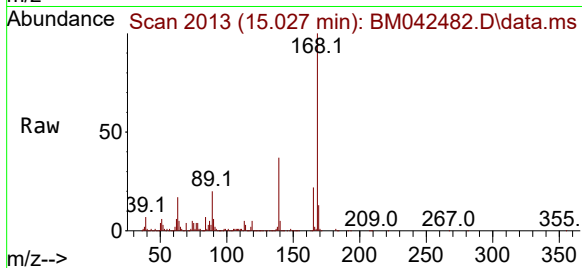




#57
2,4-Dinitrotoluene
Concen: 40.799 ng
RT: 15.027 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

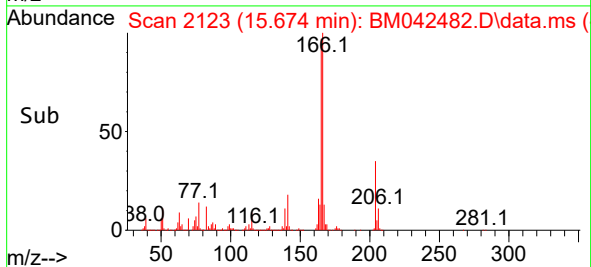
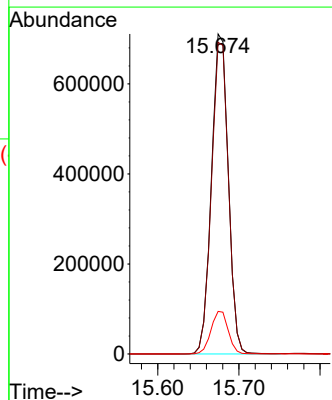
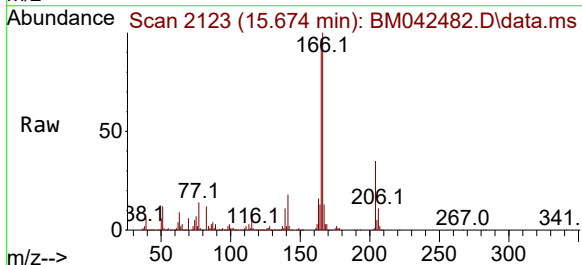
Instrument :
BNA_M
ClientSampleId :
PB156526BS

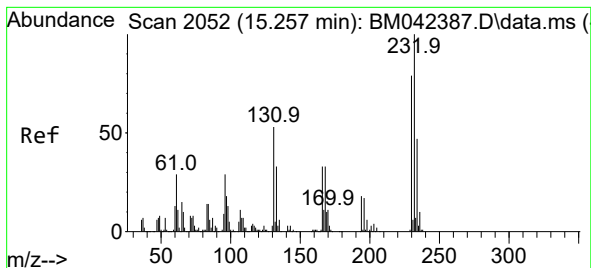
Tgt Ion:165 Resp: 282208
Ion Ratio Lower Upper
165 100
63 76.8 62.9 94.3
89 92.5 80.2 120.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 45.490 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:166 Resp: 1023840
Ion Ratio Lower Upper
166 100
165 97.4 79.6 119.4
167 13.3 10.9 16.3

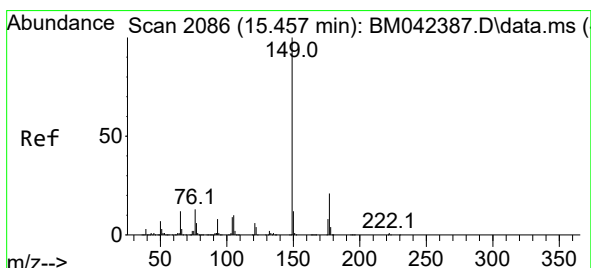
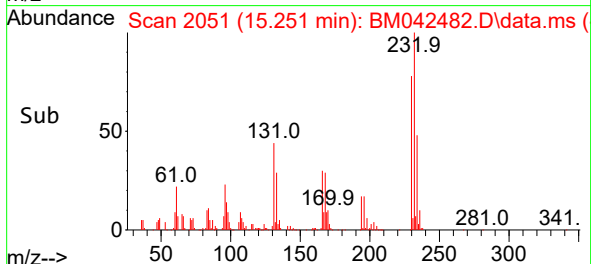
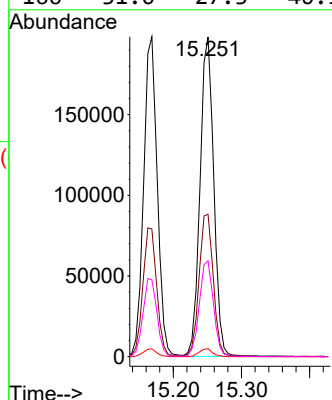
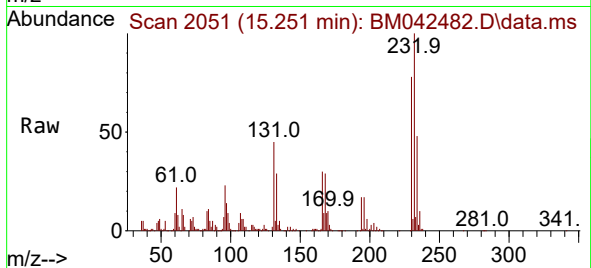




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.546 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

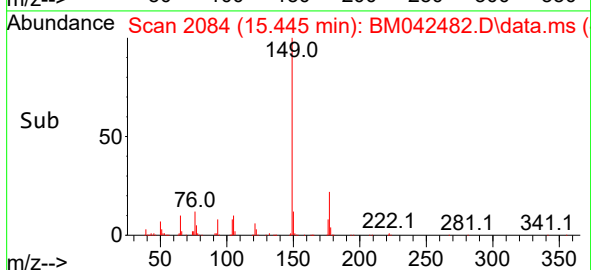
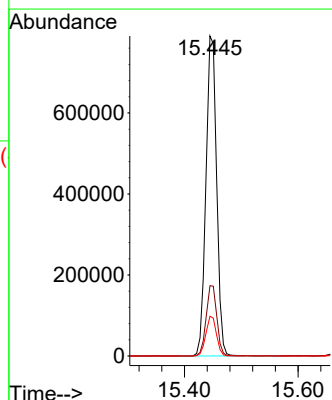
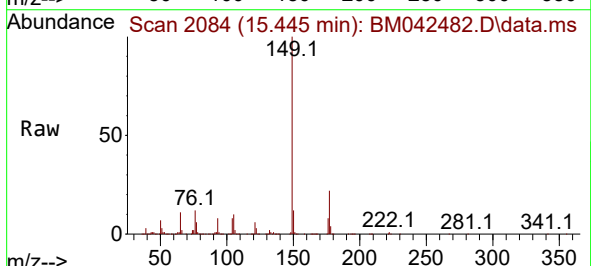
Instrument :
BNA_M
ClientSampleId :
PB156526BS

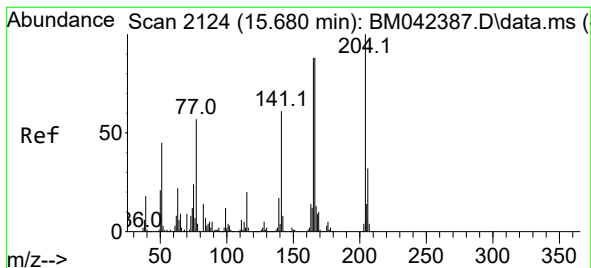
Tgt Ion:232 Resp: 277222
Ion Ratio Lower Upper
232 100
131 46.0 42.8 64.2
130 2.4 2.2 3.2
166 31.0 27.3 40.9



#60
Diethylphthalate
Concen: 44.802 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:149 Resp: 1029466
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.4 9.8 14.6

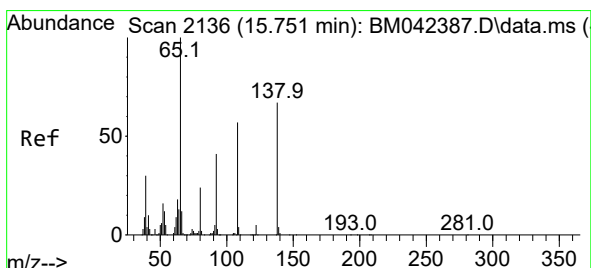
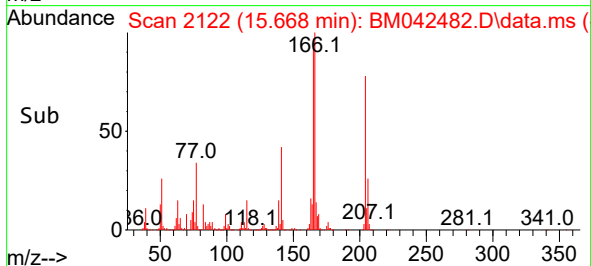
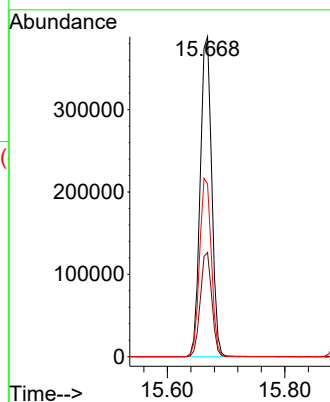
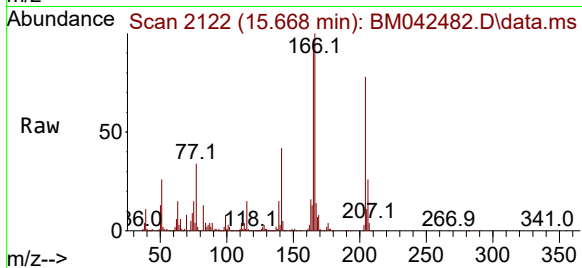




#61
4-Chlorophenyl-phenylether
Concen: 49.620 ng
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

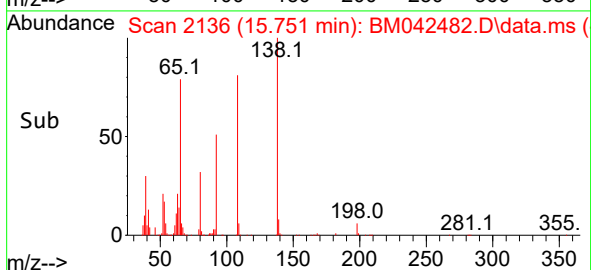
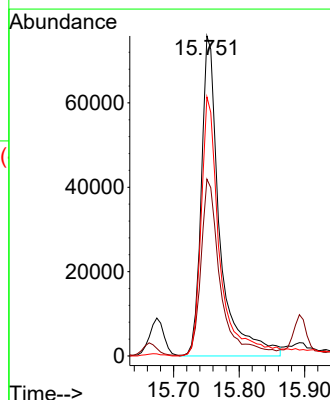
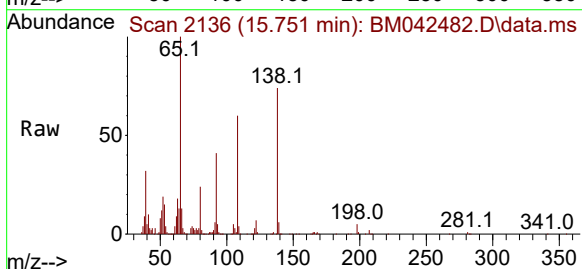
Instrument :
BNA_M
ClientSampleId :
PB156526BS

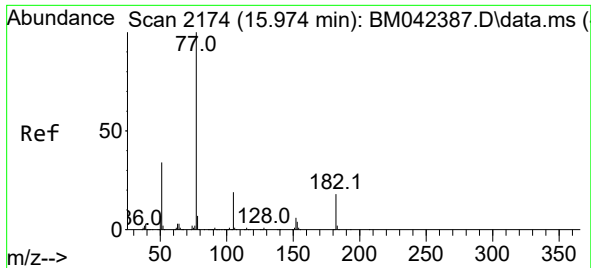
Tgt Ion:204 Resp: 525952
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 53.9 49.1 73.7



#62
4-Nitroaniline
Concen: 26.711 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:138 Resp: 148835
Ion Ratio Lower Upper
138 100
92 55.2 40.4 80.4
108 81.0 65.3 105.3

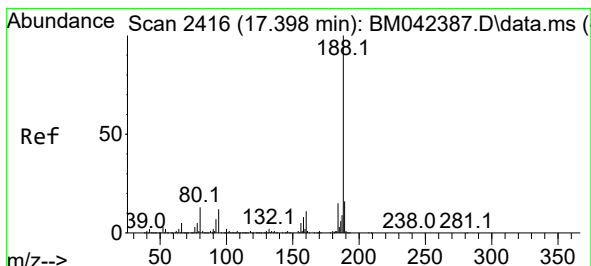
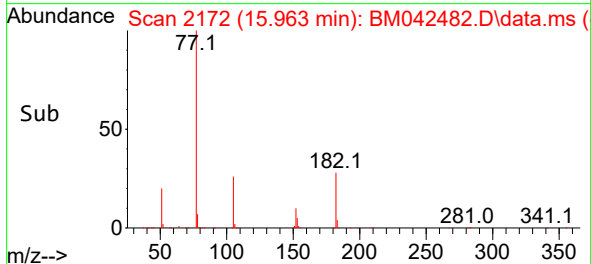
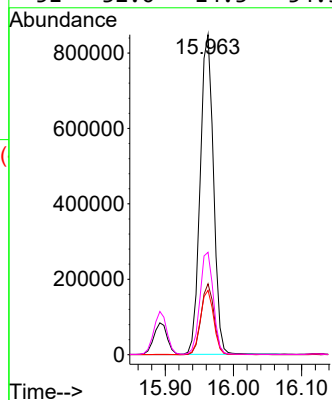
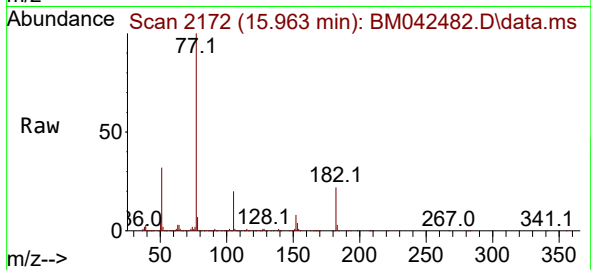




#63
Azobenzene
Concen: 41.735 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

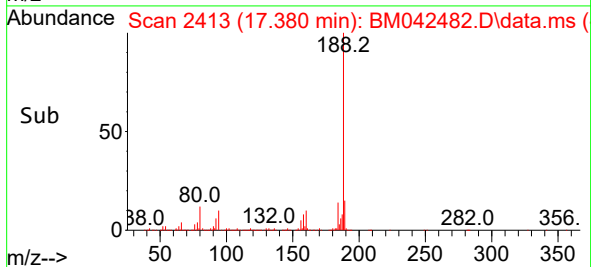
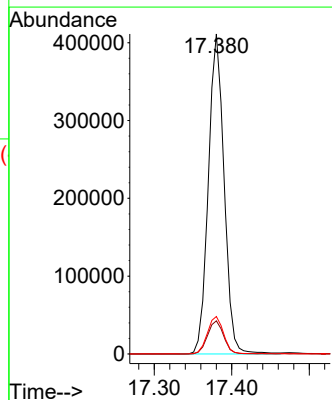
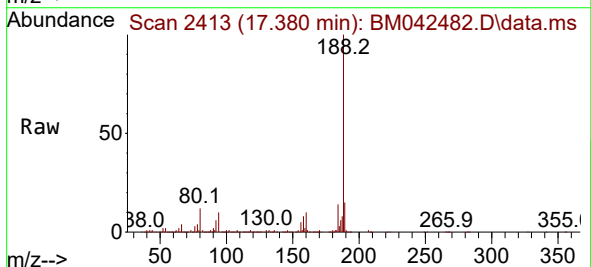
Instrument :
BNA_M
ClientSampleId :
PB156526BS

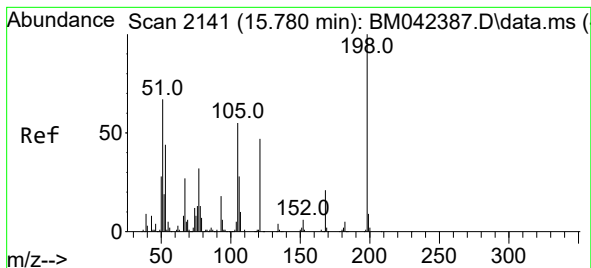
Tgt Ion: 77 Resp: 1150572
Ion Ratio Lower Upper
77 100
182 22.2 0.0 37.7
105 20.1 0.0 38.9
51 32.0 14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.380 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion: 188 Resp: 580591
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.0
80 11.7 10.7 16.1

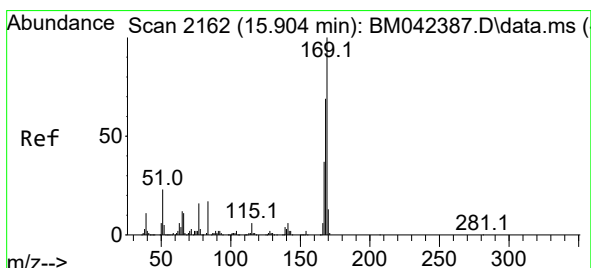
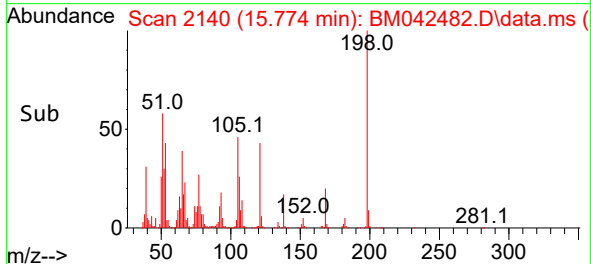
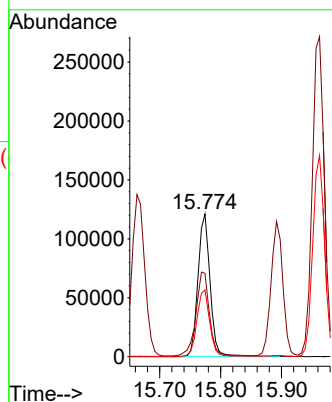
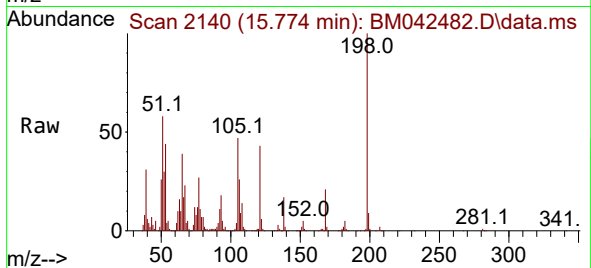




#65
4,6-Dinitro-2-methylphenol
Concen: 45.350 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

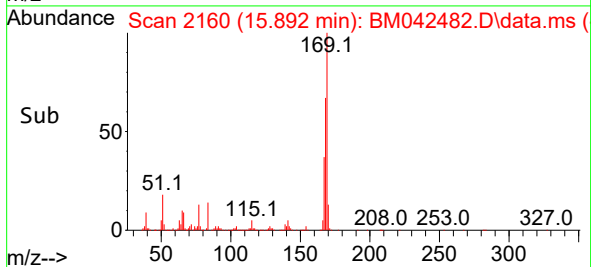
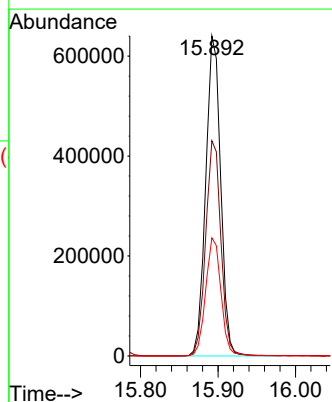
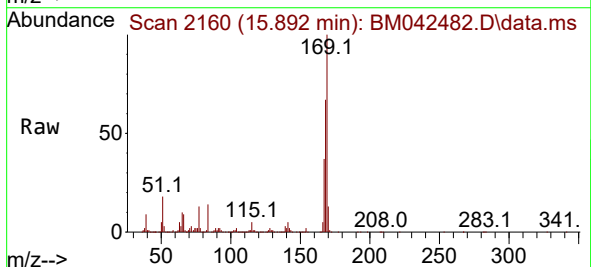
Instrument :
BNA_M
ClientSampleId :
PB156526BS

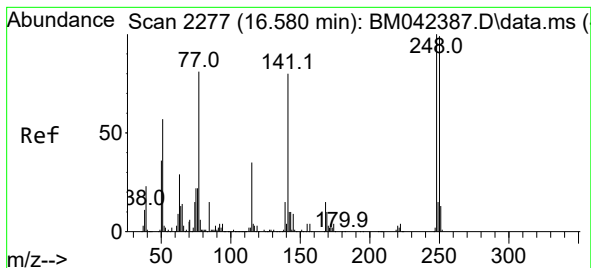
Tgt Ion:198 Resp: 166756
Ion Ratio Lower Upper
198 100
51 58.4 54.1 94.1
105 46.7 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 49.060 ng
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:169 Resp: 857928
Ion Ratio Lower Upper
169 100
168 67.3 55.4 83.2
167 36.9 29.9 44.9

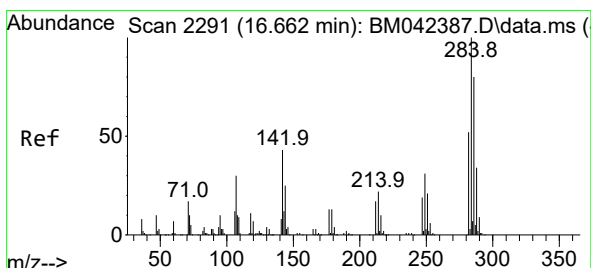
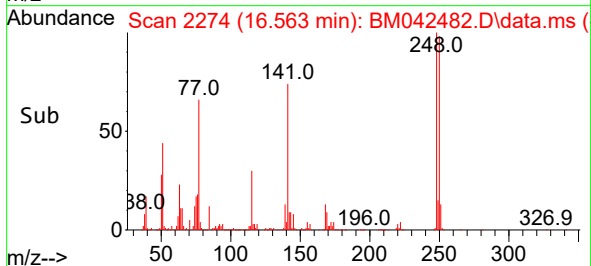
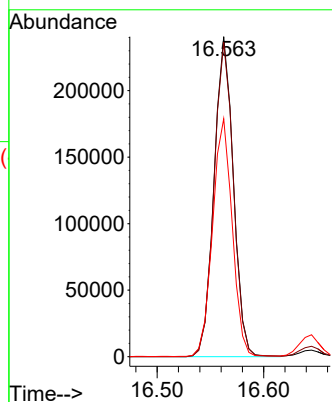
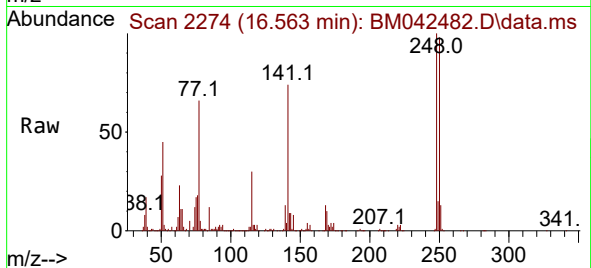




#67
4-Bromophenyl-phenylether
Concen: 56.453 ng
RT: 16.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

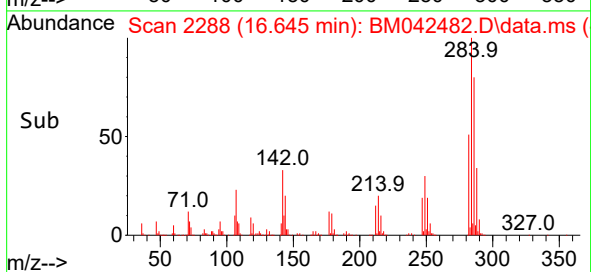
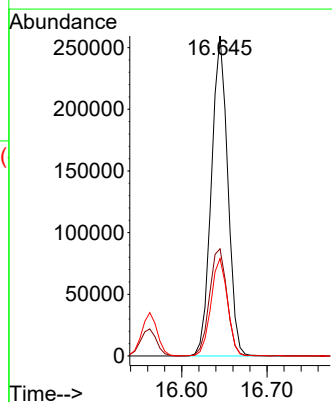
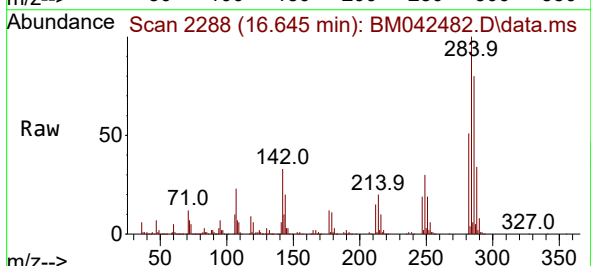
Instrument :
BNA_M
ClientSampleId :
PB156526BS

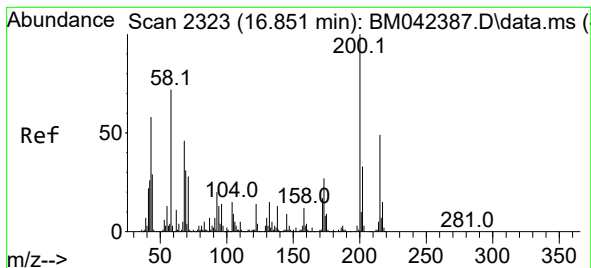
Tgt Ion:248 Resp: 303774
Ion Ratio Lower Upper
248 100
250 98.2 79.4 119.2
141 74.4 64.3 96.5



#68
Hexachlorobenzene
Concen: 60.108 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:284 Resp: 345733
Ion Ratio Lower Upper
284 100
142 33.5 34.2 51.2#
249 30.4 24.7 37.1





#69

Atrazine

Concen: 65.237 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

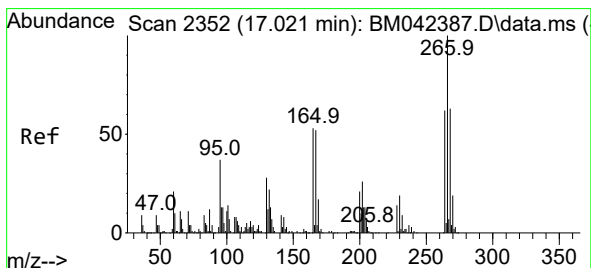
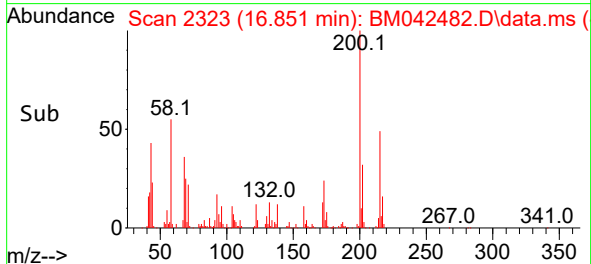
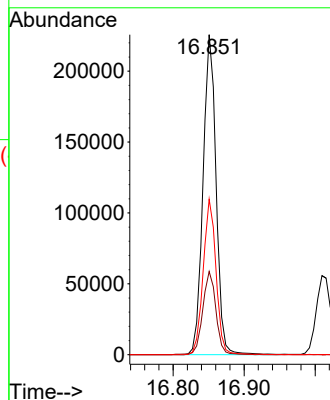
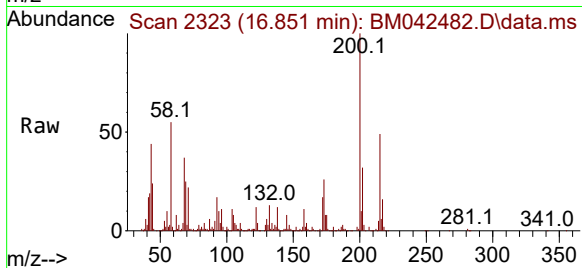
Tgt Ion:200 Resp: 289303

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

215 48.6 28.6 68.6



#70

Pentachlorophenol

Concen: 89.629 ng

RT: 17.015 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

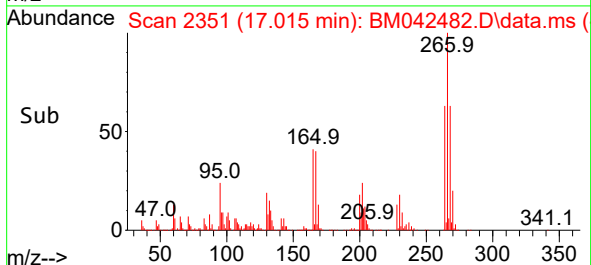
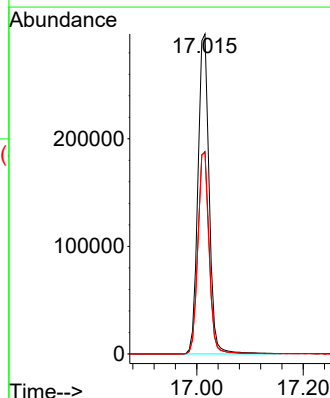
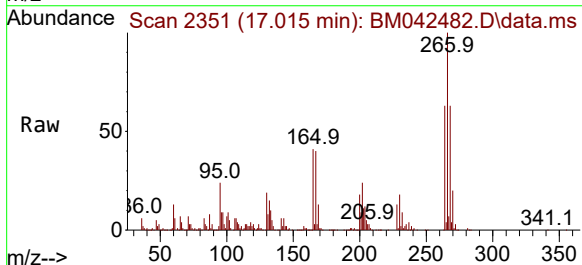
Tgt Ion:266 Resp: 434112

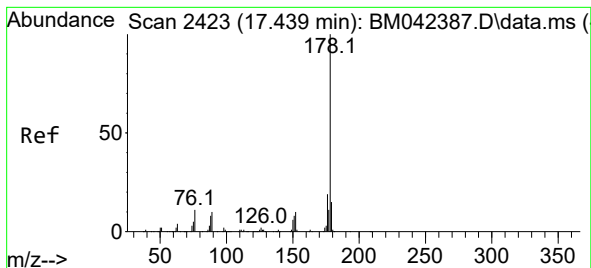
Ion Ratio Lower Upper

266 100

268 63.2 50.6 76.0

264 62.8 49.4 74.0





#71

Phenanthrene

Concen: 47.030 ng

RT: 17.421 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

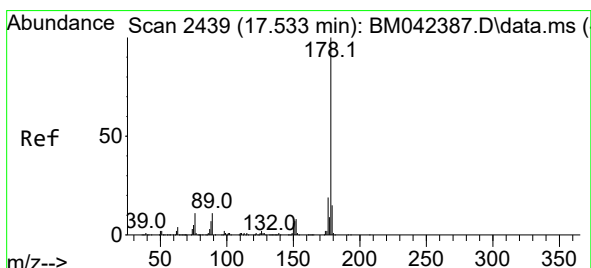
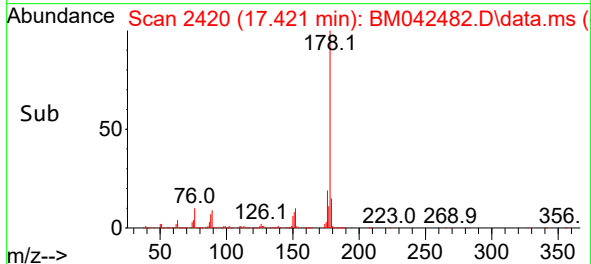
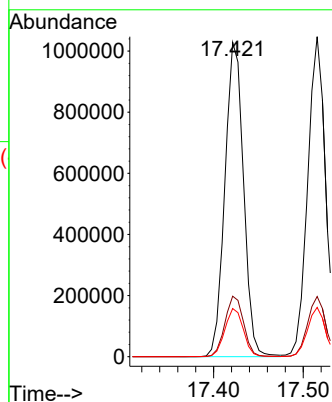
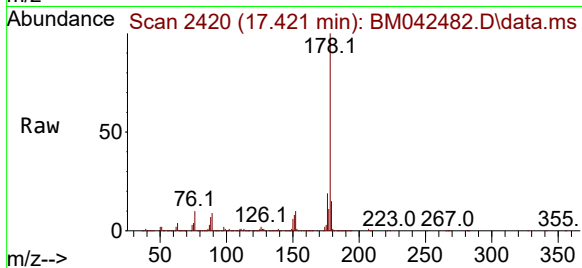
Tgt Ion:178 Resp: 1485403

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 47.601 ng

RT: 17.515 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

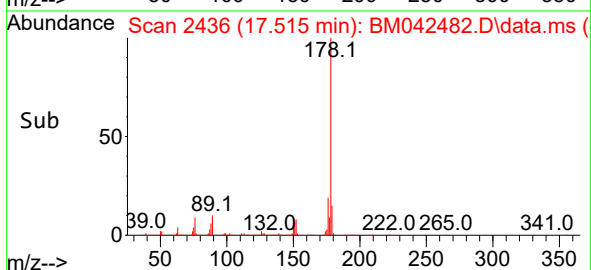
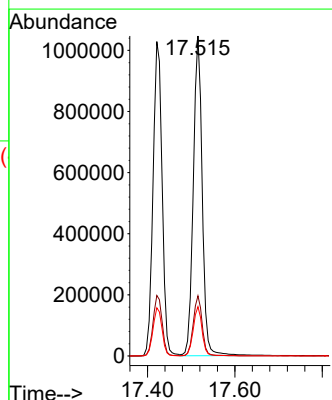
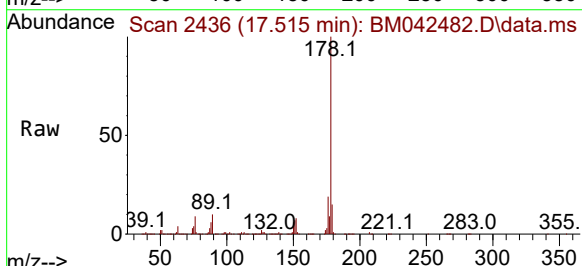
Tgt Ion:178 Resp: 1488999

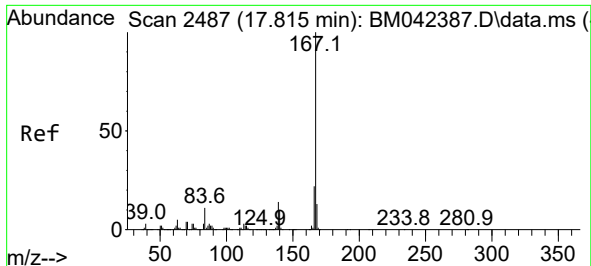
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.4 12.1 18.1

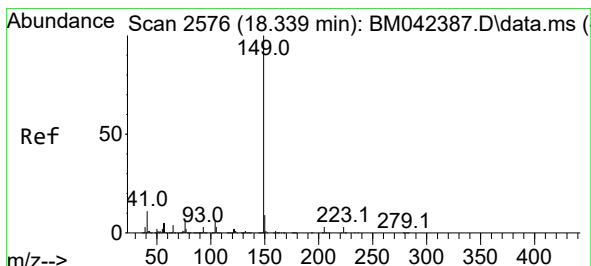
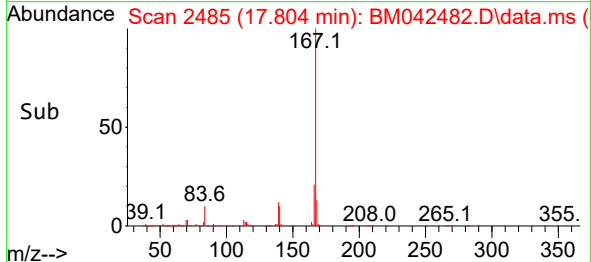
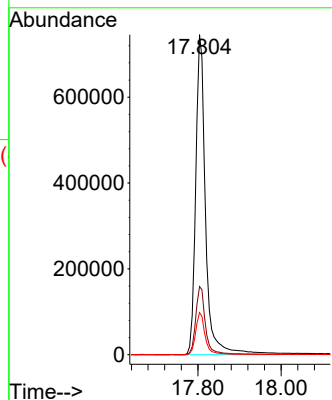
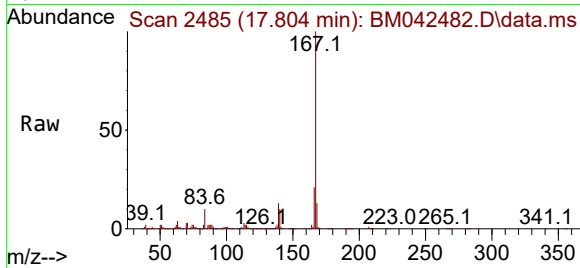




#73
Carbazole
Concen: 41.927 ng
RT: 17.804 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

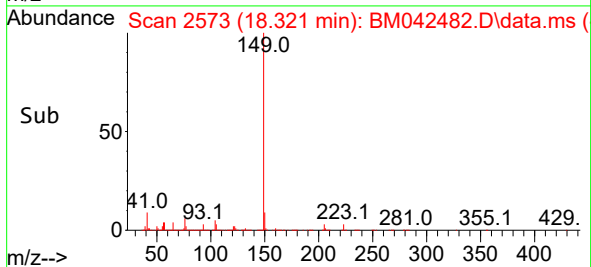
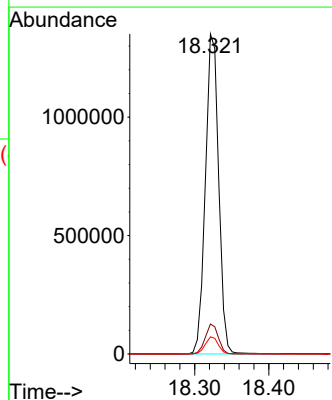
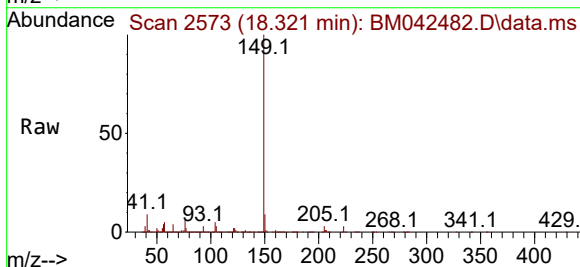
Instrument :
BNA_M
ClientSampleId :
PB156526BS

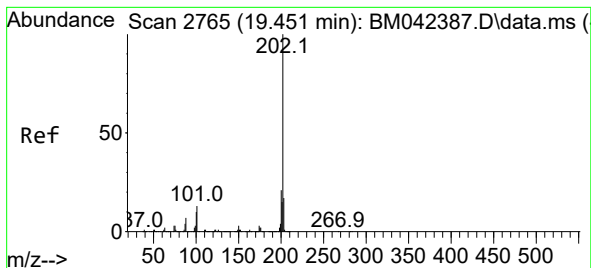
Tgt Ion:167 Resp: 1230342
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.0
139 13.1 10.9 16.3



#74
Di-n-butylphthalate
Concen: 45.365 ng
RT: 18.321 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:149 Resp: 1679629
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 4.6 7.0





#75

Fluoranthene

Concen: 44.686 ng

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

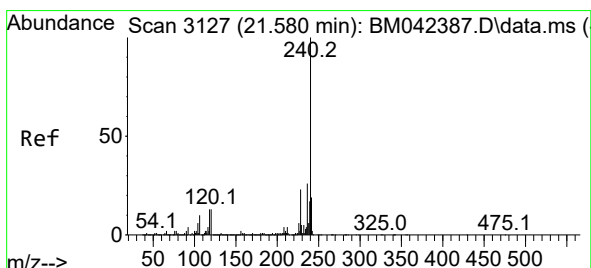
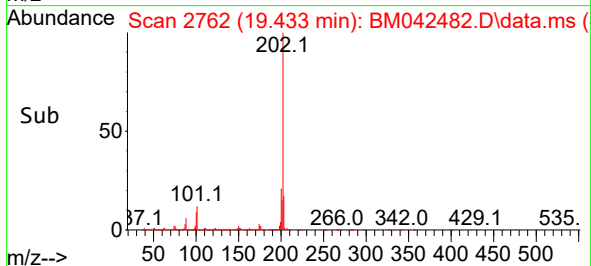
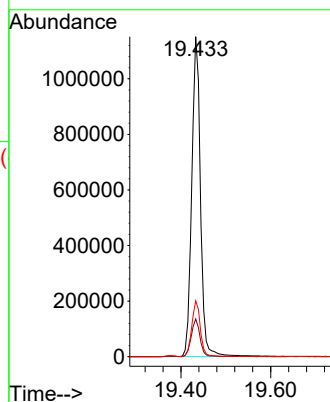
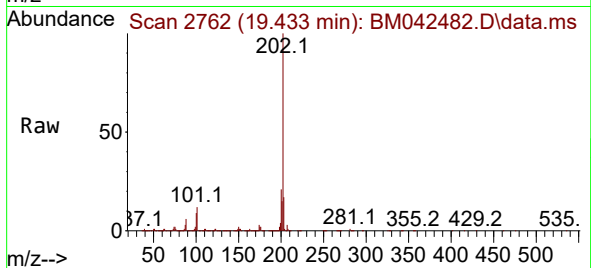
Tgt Ion:202 Resp: 1554403

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

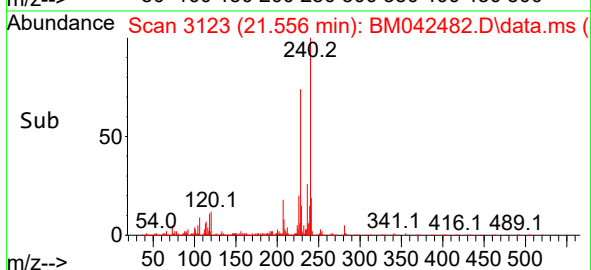
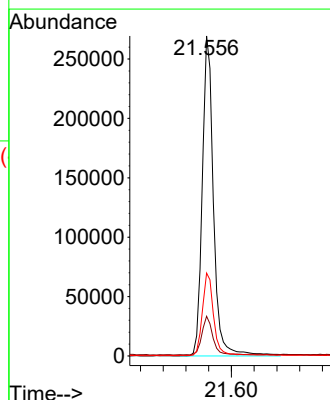
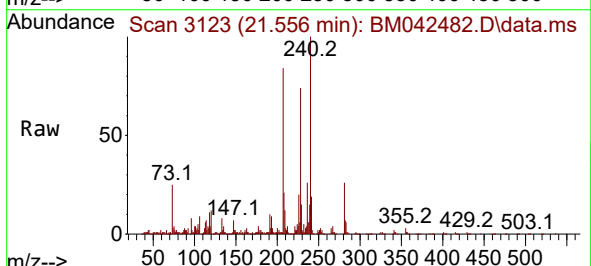
Tgt Ion:240 Resp: 370282

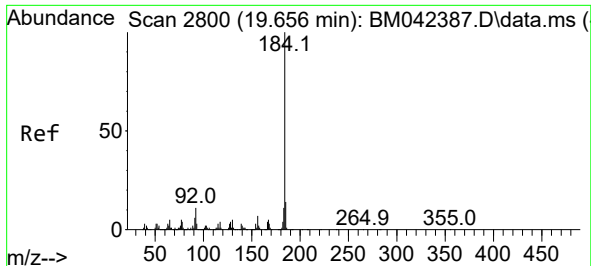
Ion Ratio Lower Upper

240 100

120 12.4 10.7 16.1

236 25.9 20.7 31.1

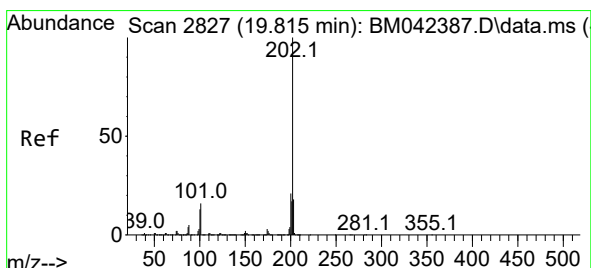
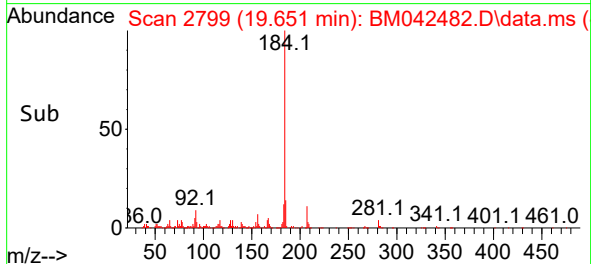
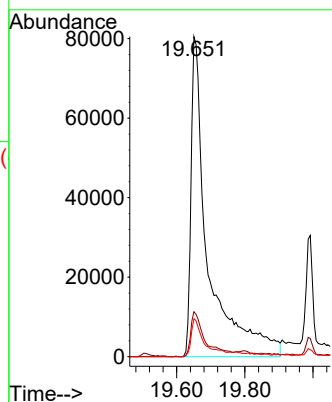
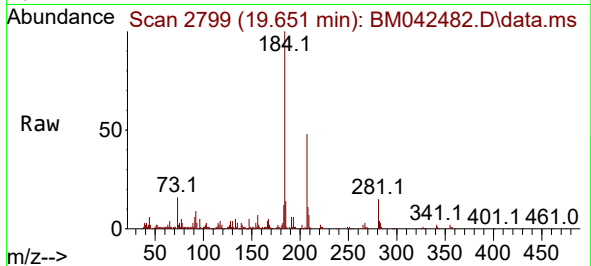




#77
Benzidine
Concen: 52.235 ng
RT: 19.651 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

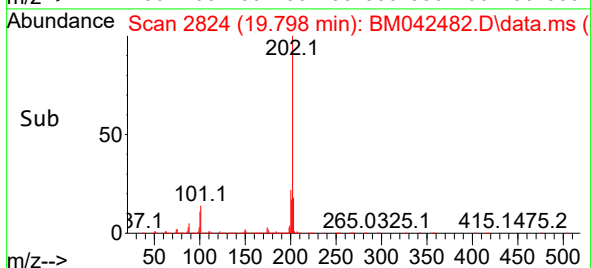
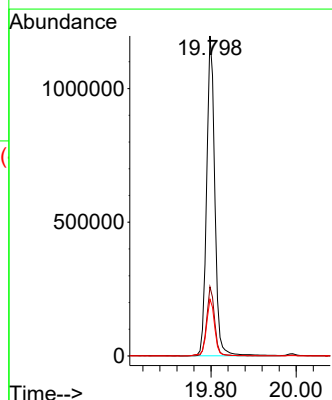
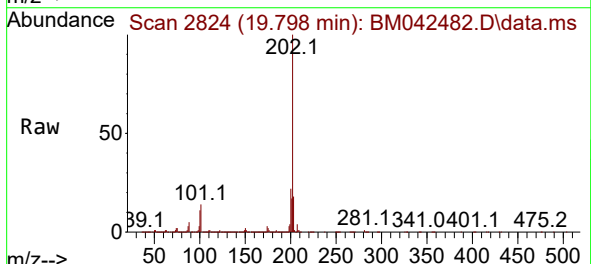
Instrument :
BNA_M
ClientSampleId :
PB156526BS

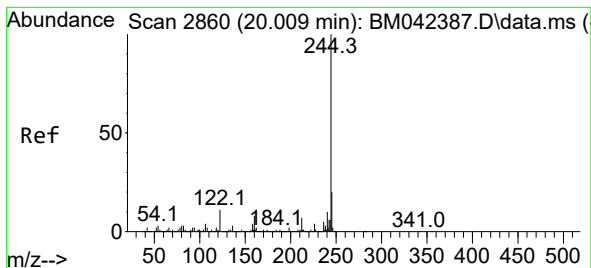
Tgt Ion:184 Resp: 279762
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.9 9.2 13.8



#78
Pyrene
Concen: 61.659 ng
RT: 19.798 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:202 Resp: 1595432
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 120.148 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

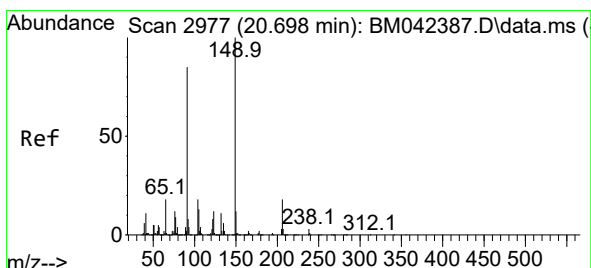
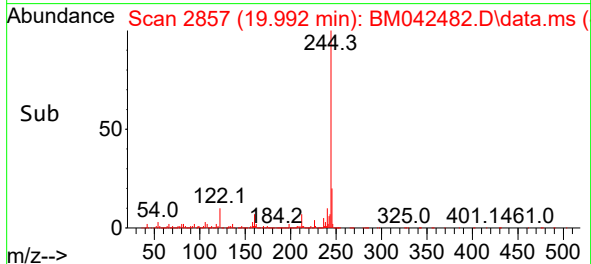
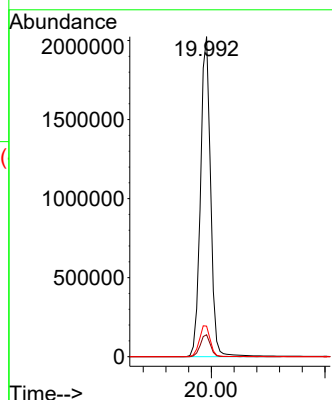
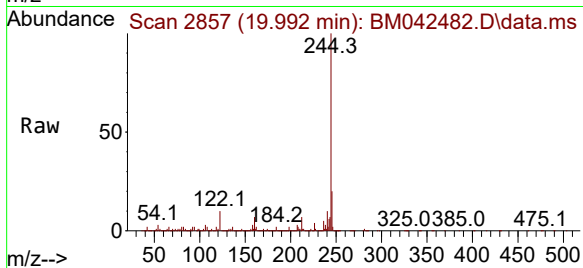
Tgt Ion:244 Resp: 2508539

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 55.758 ng

RT: 20.680 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

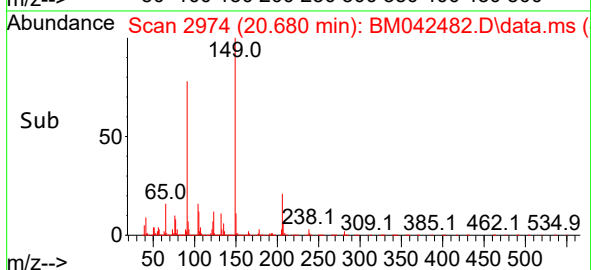
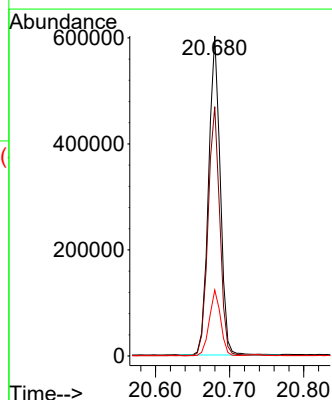
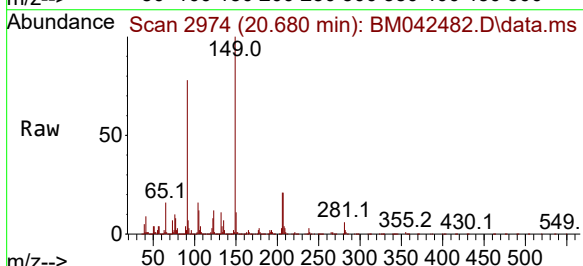
Tgt Ion:149 Resp: 660612

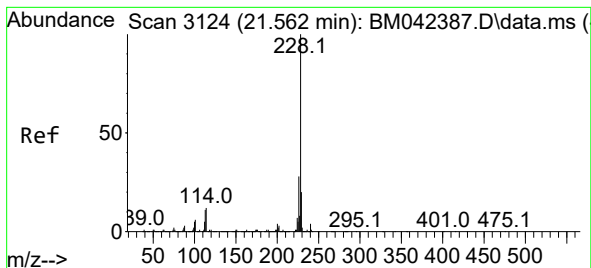
Ion Ratio Lower Upper

149 100

91 77.9 68.3 102.5

206 20.6 14.6 22.0





#81

Benzo(a)anthracene

Concen: 46.946 ng

RT: 21.539 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

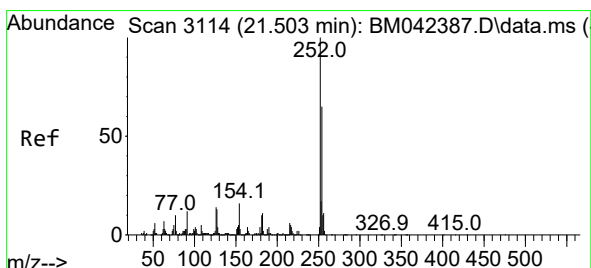
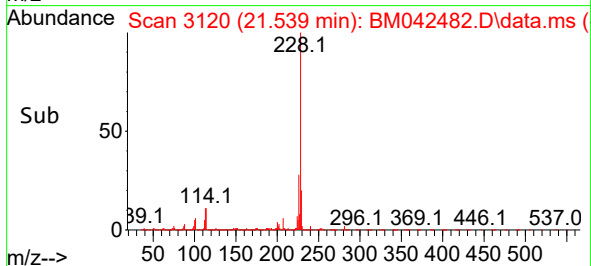
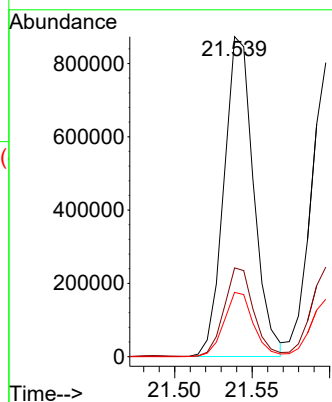
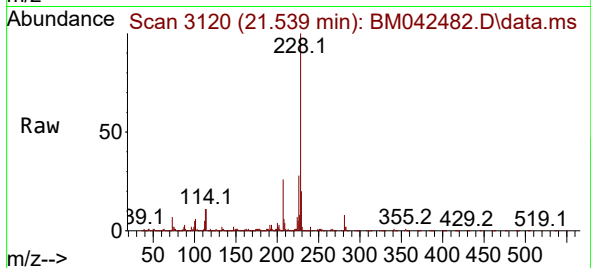
Tgt Ion:228 Resp: 1165330

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.514 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

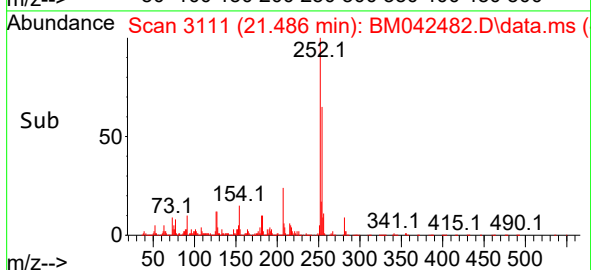
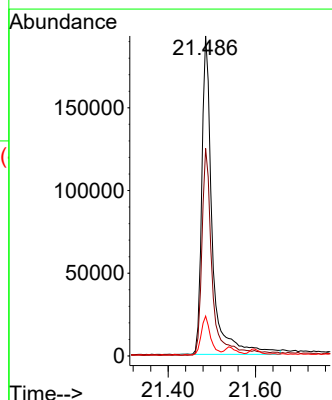
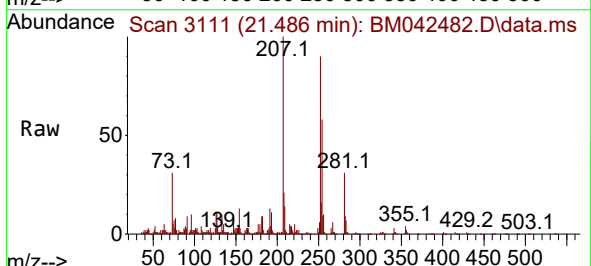
Tgt Ion:252 Resp: 322445

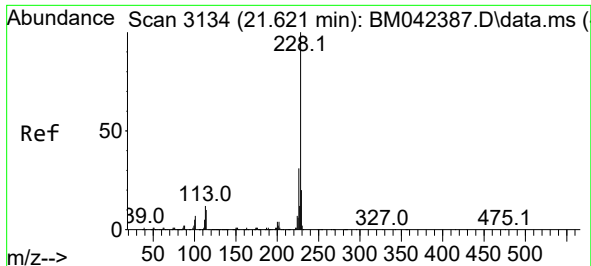
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

126 12.5 11.4 17.2

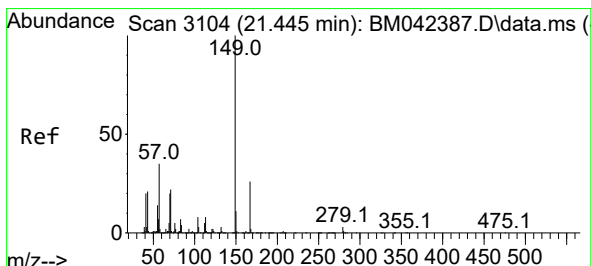
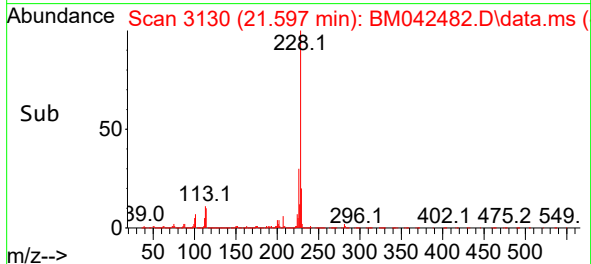
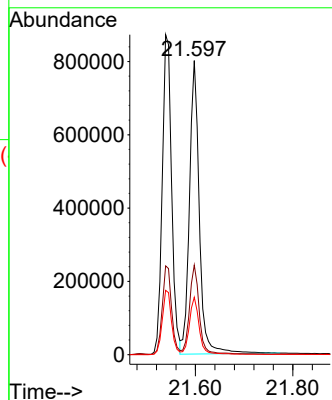
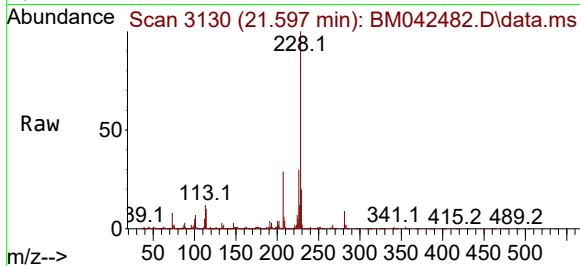




#83
Chrysene
Concen: 47.310 ng
RT: 21.597 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

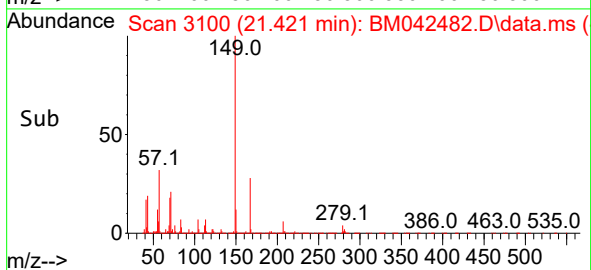
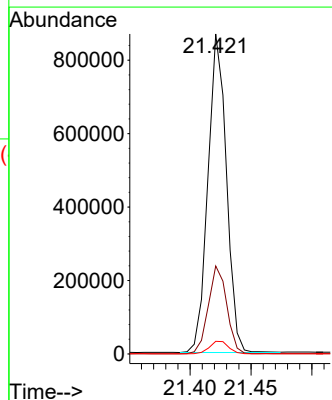
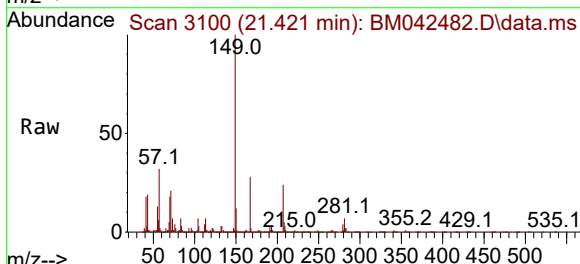
Instrument :
BNA_M
ClientSampleId :
PB156526BS

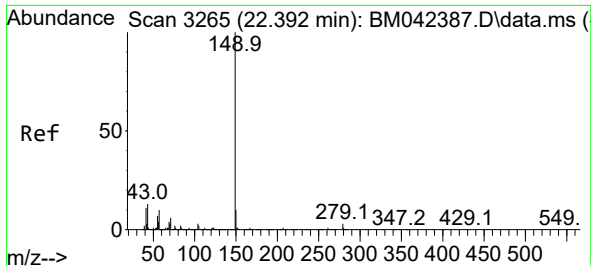
Tgt Ion:228 Resp: 1127939
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 19.5 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.358 ng
RT: 21.421 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:149 Resp: 914375
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 4.0 2.7 4.1

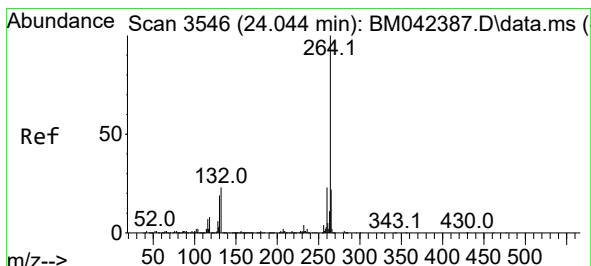
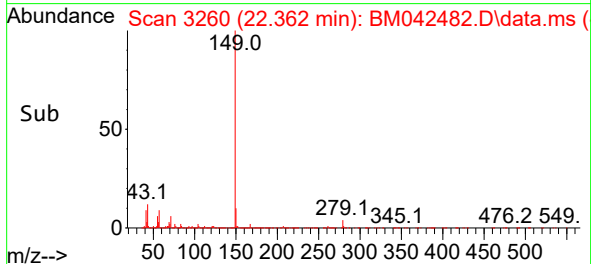
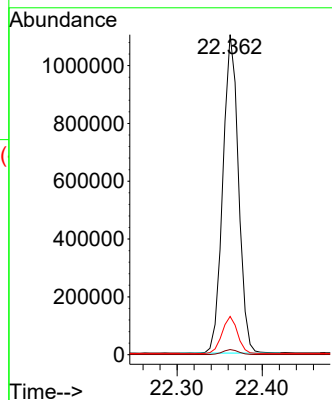
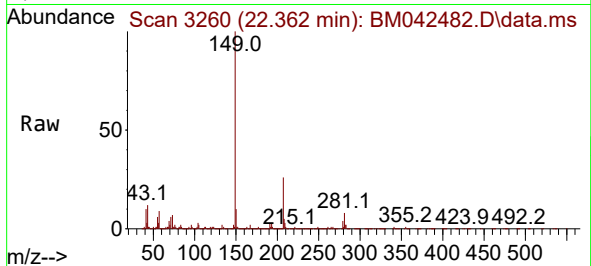




#85
Di-n-octyl phthalate
Concen: 48.646 ng
RT: 22.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

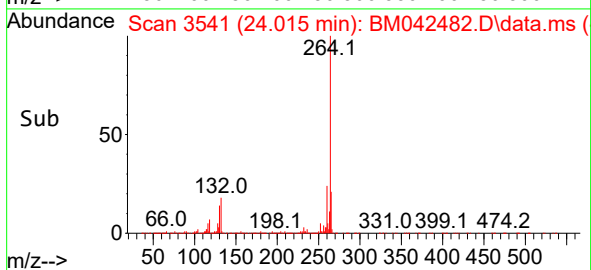
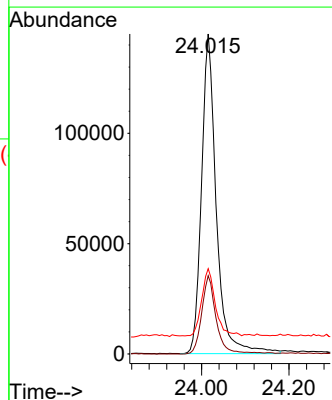
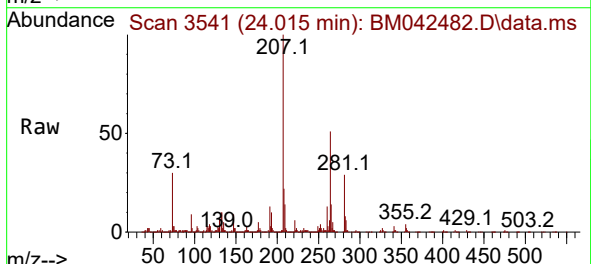
Instrument :
BNA_M
ClientSampleId :
PB156526BS

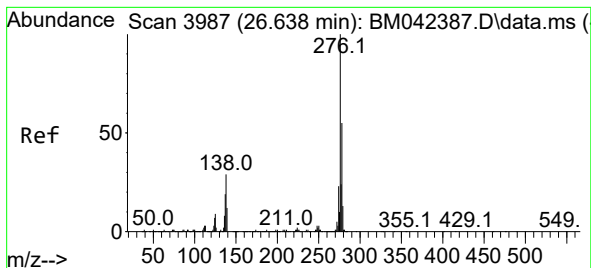
Tgt Ion:149 Resp: 1399789
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BM042482.D
Acq: 27 Oct 2023 21:01

Tgt Ion:264 Resp: 340802
Ion Ratio Lower Upper
264 100
260 24.5 18.6 27.8
265 26.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.864 ng

RT: 26.591 min Scan# 3987

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

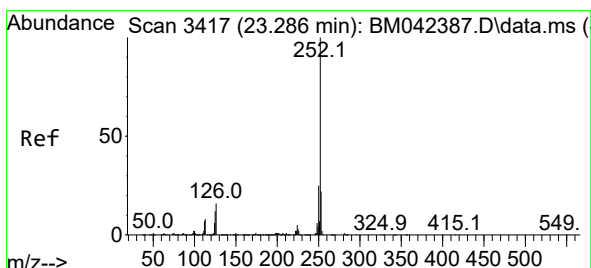
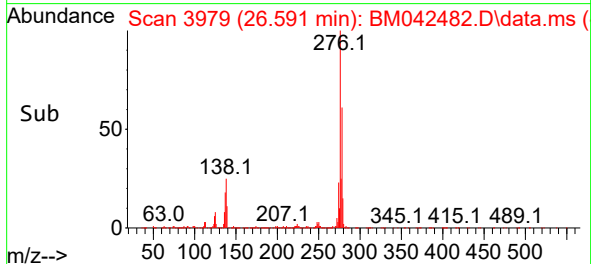
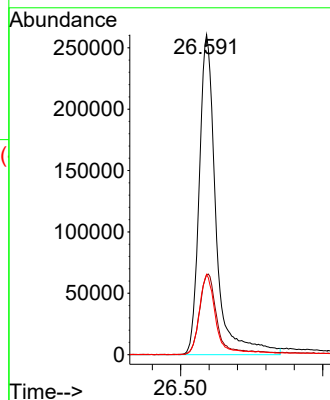
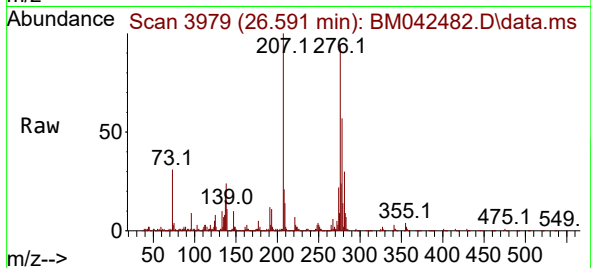
Tgt Ion:276 Resp: 1067550

Ion Ratio Lower Upper

276 100

138 25.7 25.6 38.4

277 24.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 47.942 ng

RT: 23.256 min Scan# 3412

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

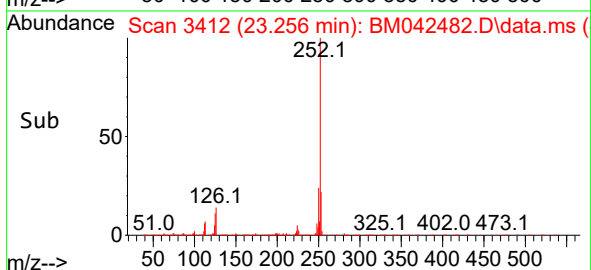
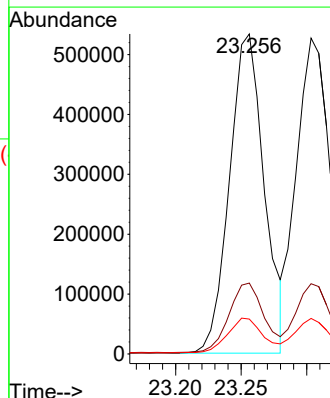
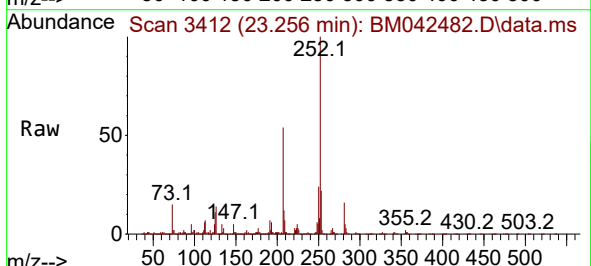
Tgt Ion:252 Resp: 983470

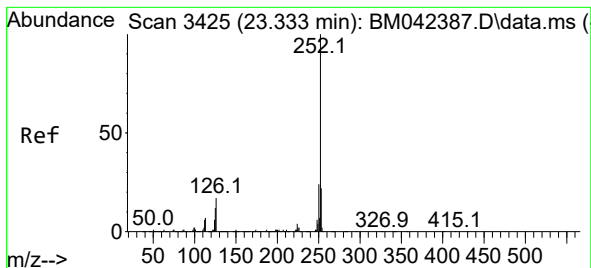
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 10.9 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 49.748 ng

RT: 23.303 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

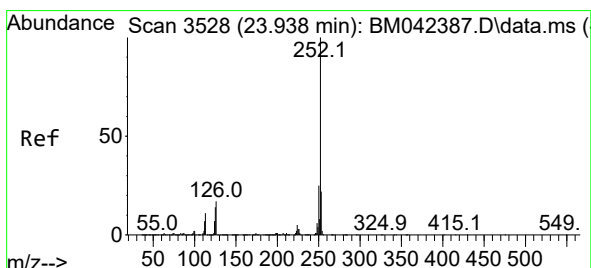
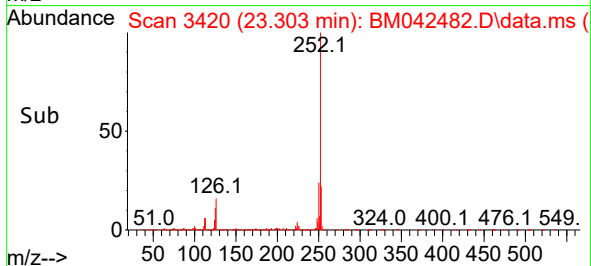
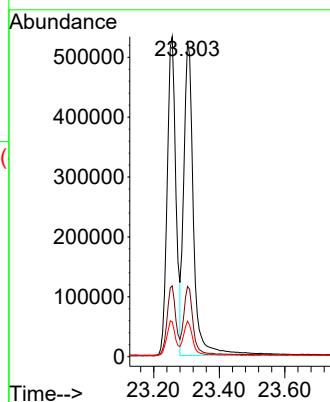
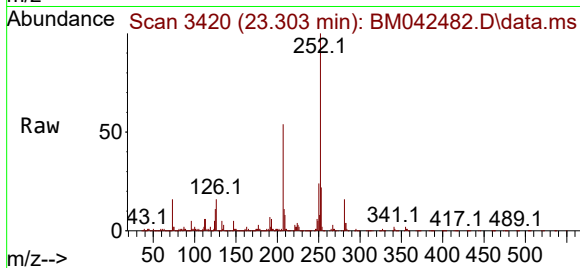
Tgt Ion:252 Resp: 1059532

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 11.2 10.2 15.2



#90

Benzo(a)pyrene

Concen: 42.914 ng

RT: 23.903 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

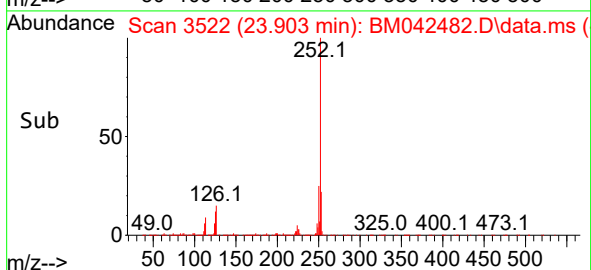
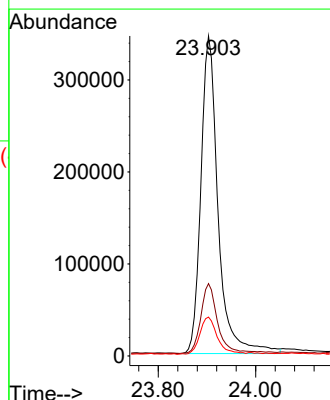
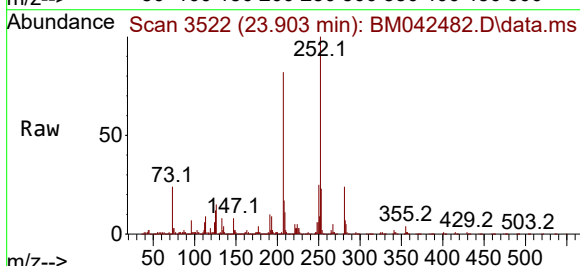
Tgt Ion:252 Resp: 847312

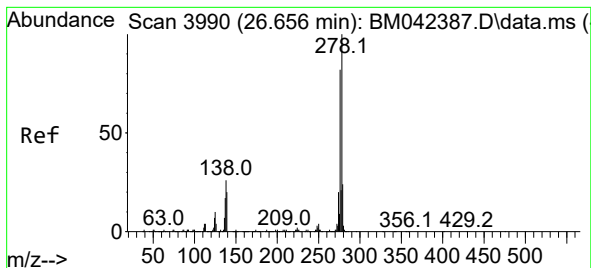
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 12.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 39.101 ng

RT: 26.609 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

PB156526BS

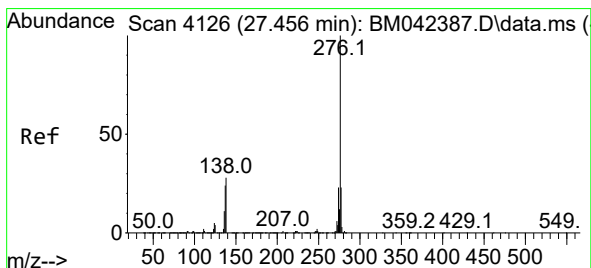
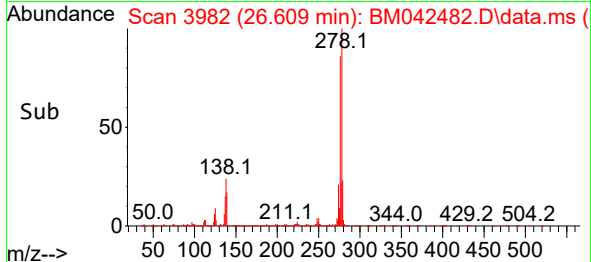
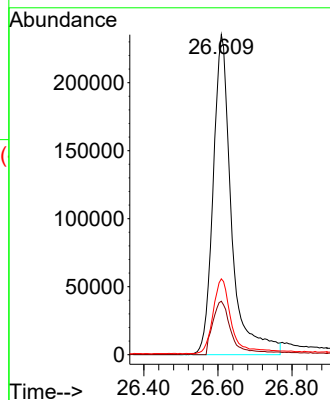
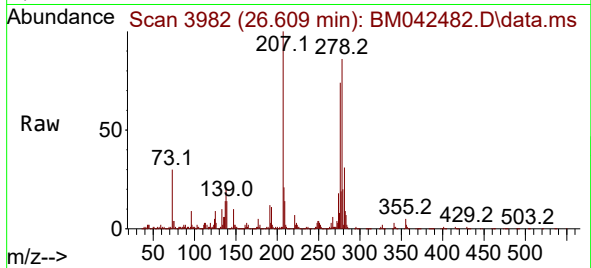
Tgt Ion:278 Resp: 809675

Ion Ratio Lower Upper

278 100

139 16.7 15.6 23.4

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 46.273 ng

RT: 27.397 min Scan# 4116

Delta R.T. -0.012 min

Lab File: BM042482.D

Acq: 27 Oct 2023 21:01

Tgt Ion:276 Resp: 930539

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 23.3 22.6 34.0

