

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042463.D
 Acq On : 26 Oct 2023 21:38
 Operator : MA/JU
 Sample : 05010-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 343MSD

Quant Time: Oct 27 00:46:53 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 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	202900	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	818579	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	463243	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	888738	20.000	ng	# 0.00
76) Chrysene-d12	21.568	240	558625	20.000	ng	-0.01
86) Perylene-d12	24.033	264	592534	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1760330	122.617	ng	0.00
7) Phenol-d6	7.157	99	2152829	111.898	ng	0.00
23) Nitrobenzene-d5	9.198	82	1699297	91.796	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	867387	166.735	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	3360696	97.693	ng	0.00
79) Terphenyl-d14	20.003	244	4099222	130.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	226756	33.543	ng	# 53
3) Pyridine	3.828	79	534178	26.933	ng	95
4) n-Nitrosodimethylamine	3.746	42	363223	36.272	ng	92
6) Aniline	7.340	93	523906	21.388	ng	98
8) 2-Chlorophenol	7.551	128	710845	49.900	ng	96
9) Benzaldehyde	7.151	77	156762	13.989	ng	99
10) Phenol	7.181	94	806344	40.561	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	718240	44.005	ng	96
12) 1,3-Dichlorobenzene	7.875	146	692211	46.979	ng	97
13) 1,4-Dichlorobenzene	8.034	146	717719	48.390	ng	97
14) 1,2-Dichlorobenzene	8.345	146	695752	48.853	ng	97
15) Benzyl Alcohol	8.257	79	699720	49.062	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1144197	44.304	ng	99
17) 2-Methylphenol	8.439	107	597456	45.543	ng	99
18) Hexachloroethane	9.057	117	271323	47.518	ng	# 90
19) n-Nitroso-di-n-propyla...	8.816	70	612178	46.947	ng	97
20) 3+4-Methylphenols	8.775	107	802431	45.604	ng	97
22) Acetophenone	8.845	105	1092474	48.919	ng	# 97
24) Nitrobenzene	9.239	77	869390	46.943	ng	96
25) Isophorone	9.751	82	1625509	51.670	ng	98
26) 2-Nitrophenol	9.939	139	392574	54.676	ng	94
27) 2,4-Dimethylphenol	9.981	122	615360	48.223	ng	97
28) bis(2-Chloroethoxy)met...	10.233	93	980143	49.176	ng	99
29) 2,4-Dichlorophenol	10.457	162	680352	61.309	ng	95
30) 1,2,4-Trichlorobenzene	10.669	180	693287	58.276	ng	98
31) Naphthalene	10.869	128	2119807	50.417	ng	100
32) Benzoic acid	10.104	122	221395	26.414	ng	96
33) 4-Chloroaniline	11.004	127	148123	8.114	ng	98
34) Hexachlorobutadiene	11.092	225	414713	64.421	ng	99
35) Caprolactam	11.845	113	176568	41.061	ng	93
36) 4-Chloro-3-methylphenol	12.104	107	725728	54.193	ng	98
37) 2-Methylnaphthalene	12.469	142	1434579	50.685	ng	99
38) 1-Methylnaphthalene	12.692	142	1388799	52.377	ng	99
40) 1,2,4,5-Tetrachloroben...	12.822	216	788782	58.899	ng	# 97
41) Hexachlorocyclopentadiene	12.763	237	613959	84.292	ng	99
43) 2,4,6-Trichlorophenol	13.074	196	532603	61.435	ng	99

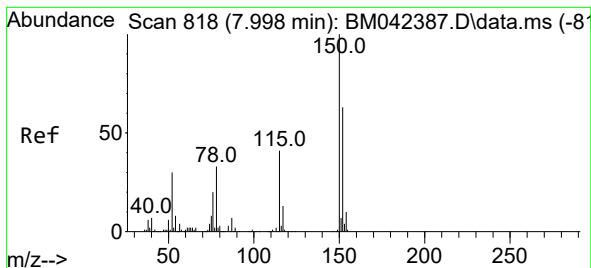
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	568028	55.427	ng	# 93
46) 1,1'-Biphenyl	13.474	154	1878706	51.122	ng	98
47) 2-Chloronaphthalene	13.527	162	1416009	52.520	ng	98
48) 2-Nitroaniline	13.763	65	517222	43.768	ng	89
49) Acenaphthylene	14.368	152	2316045	53.209	ng	100
50) Dimethylphthalate	14.110	163	1791337	52.719	ng	99
51) 2,6-Dinitrotoluene	14.251	165	386019	50.175	ng	84
52) Acenaphthene	14.704	154	1328126	50.470	ng	99
53) 3-Nitroaniline	14.586	138	224952	26.310	ng	96
54) 2,4-Dinitrophenol	14.792	184	248261	55.073	ng	91
55) Dibenzofuran	15.039	168	2117369	50.872	ng	96
56) 4-Nitrophenol	14.880	139	606001	87.567	ng	92
57) 2,4-Dinitrotoluene	15.033	165	507660	49.348	ng	84
58) Fluorene	15.686	166	1678512	51.106	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	480026	62.350	ng	88
60) Diethylphthalate	15.451	149	1729495	51.578	ng	97
61) 4-Chlorophenyl-phenyle...	15.674	204	876233	56.650	ng	93
62) 4-Nitroaniline	15.757	138	347793	40.487	ng	93
63) Azobenzene	15.968	77	1835290	45.620	ng	96
65) 4,6-Dinitro-2-methylph...	15.780	198	200820	36.976	ng	84
66) n-Nitrosodiphenylamine	15.904	169	1451604	54.228	ng	97
67) 4-Bromophenyl-phenylether	16.574	248	525503	63.798	ng	93
68) Hexachlorobenzene	16.657	284	593351	67.391	ng	# 91
69) Atrazine	16.851	200	521153	76.772	ng	98
70) Pentachlorophenol	17.021	266	748856	100.245	ng	98
71) Phenanthrene	17.433	178	2494053	51.586	ng	100
72) Anthracene	17.527	178	2501611	52.245	ng	99
73) Carbazole	17.809	167	2217421	49.364	ng	99
74) Di-n-butylphthalate	18.327	149	2884776	50.556	ng	99
75) Fluoranthene	19.445	202	2592877	48.695	ng	97
77) Benzidine	19.651	184	829410	102.649	ng	99
78) Pyrene	19.809	202	2602824	66.677	ng	100
80) Butylbenzylphthalate	20.686	149	1092279	60.796	ng	92
81) Benzo(a)anthracene	21.550	228	2047840	54.683	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	523344	46.814	ng	98
83) Chrysene	21.609	228	1837694	51.092	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1518555	59.499	ng	# 95
85) Di-n-octyl phthalate	22.374	149	2333387	53.308	ng	95
87) Indeno(1,2,3-cd)pyrene	26.621	276	2234692	51.607	ng	# 93
88) Benzo(b)fluoranthene	23.321	252	1752422	49.134	ng	97
89) Benzo(k)fluoranthene	23.321	252	1752422	47.325	ng	# 97
90) Benzo(a)pyrene	23.921	252	1665709	48.522	ng	97
91) Dibenzo(a,h)anthracene	26.638	278	1852435	51.453	ng	96
92) Benzo(g,h,i)perylene	27.432	276	1786596	51.098	ng	93

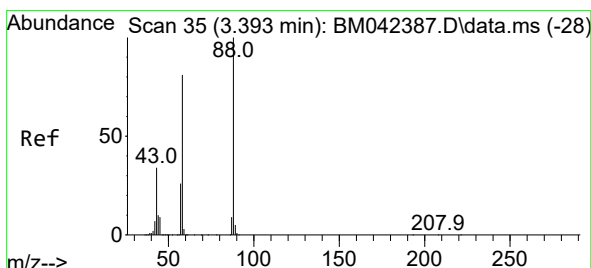
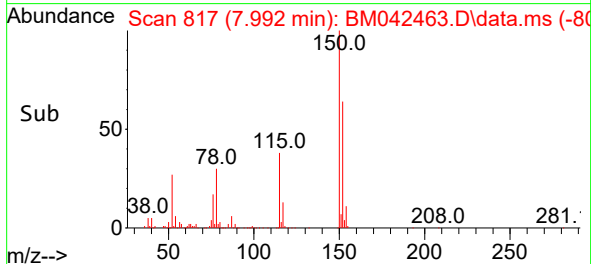
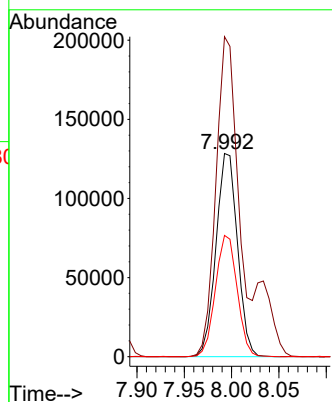
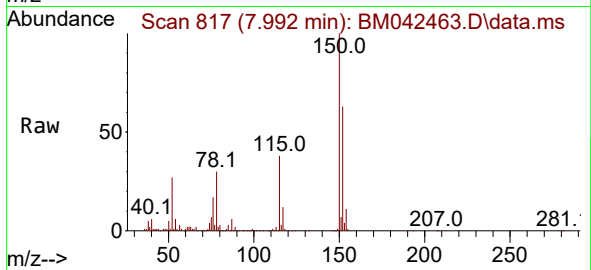
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042463.D
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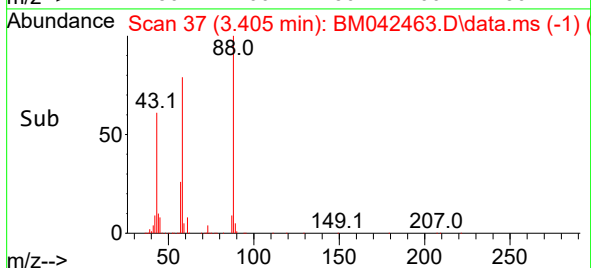
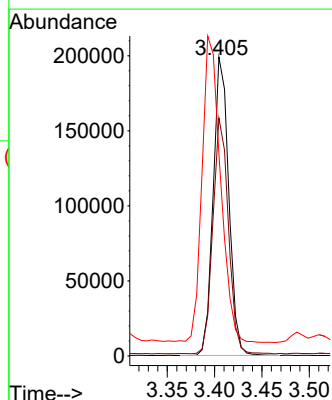
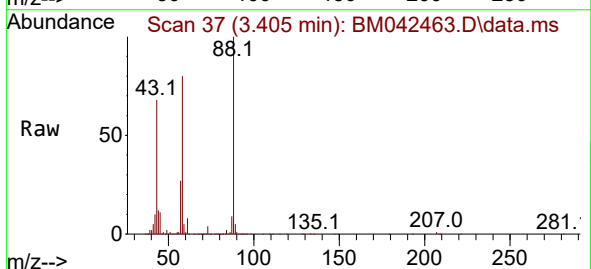
Instrument :
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343MSD

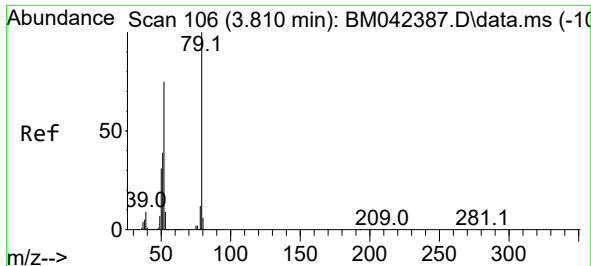
Tgt Ion:152 Resp: 202900
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.4
115 59.7 51.9 77.9



#2
1,4-Dioxane
Concen: 33.543 ng
RT: 3.405 min Scan# 37
Delta R.T. 0.012 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 88 Resp: 226756
Ion Ratio Lower Upper
88 100
58 78.7 64.9 97.3
43 121.8 27.8 41.8

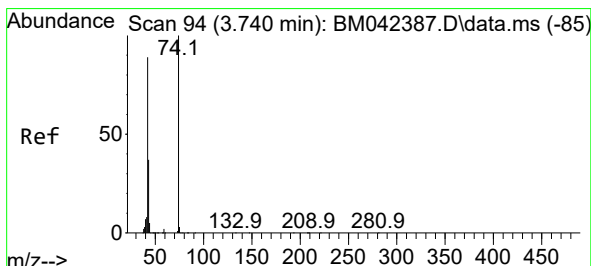
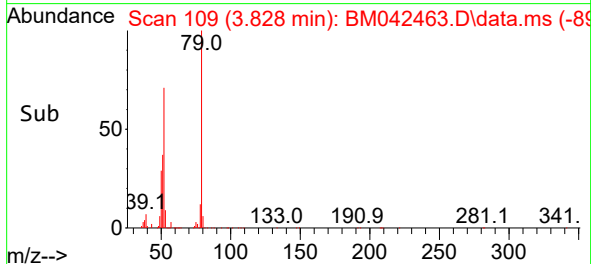
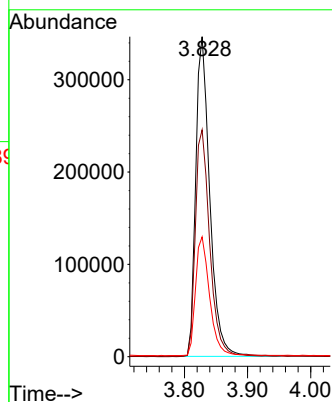
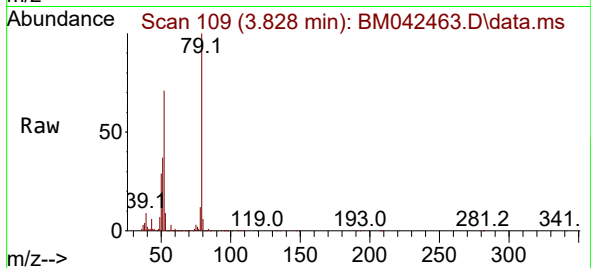




#3
 Pyridine
 Concen: 26.933 ng
 RT: 3.828 min Scan# 106
 Delta R.T. 0.018 min
 Lab File: BM042463.D
 Acq: 26 Oct 2023 21:38

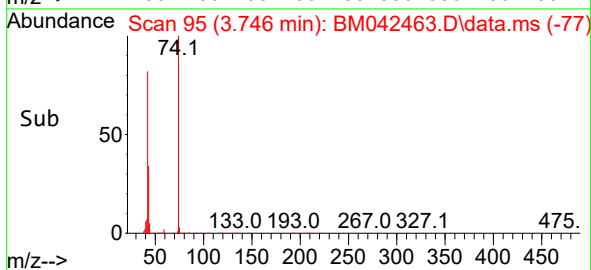
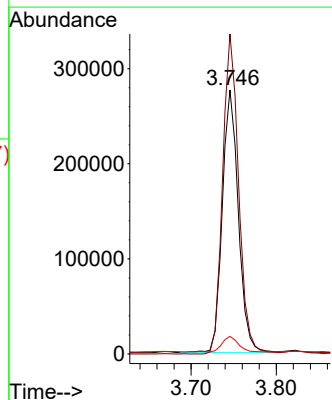
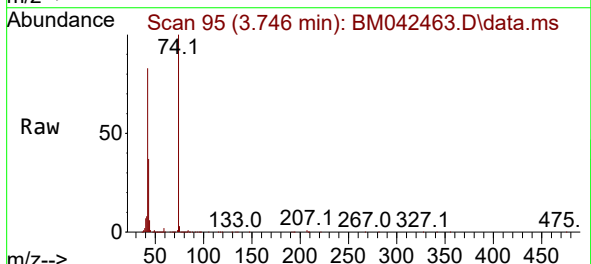
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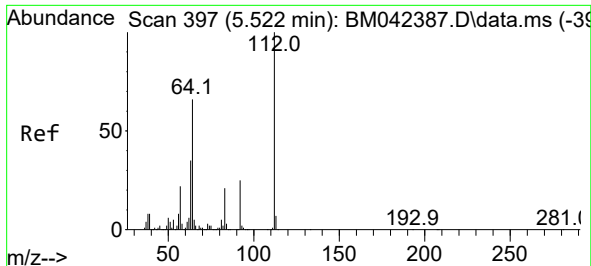
Tgt Ion: 79 Resp: 534178
 Ion Ratio Lower Upper
 79 100
 52 70.9 60.3 90.5
 51 37.4 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 36.272 ng
 RT: 3.746 min Scan# 95
 Delta R.T. 0.006 min
 Lab File: BM042463.D
 Acq: 26 Oct 2023 21:38

Tgt Ion: 42 Resp: 363223
 Ion Ratio Lower Upper
 42 100
 74 121.2 89.4 134.2
 44 6.7 5.4 8.0

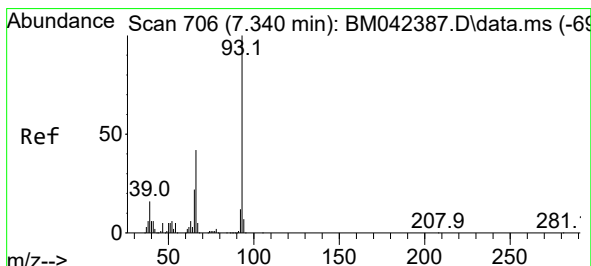
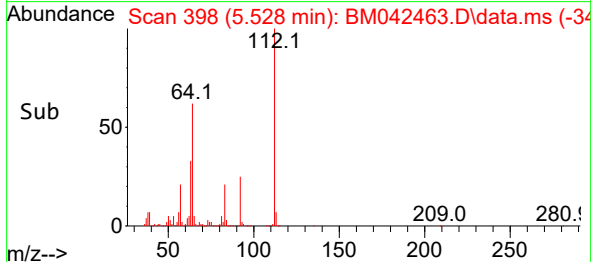
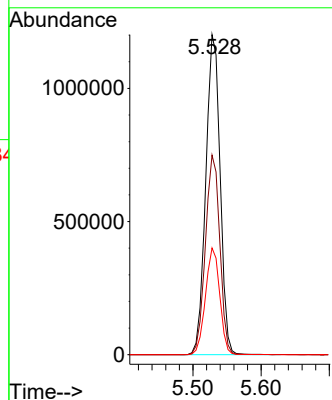
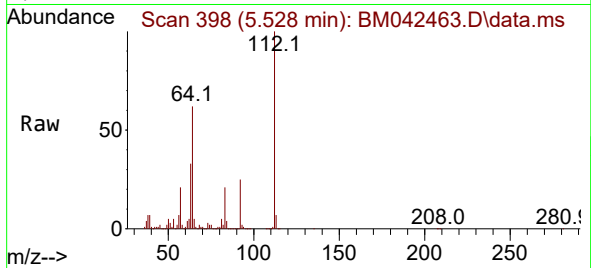




#5
2-Fluorophenol
Concen: 122.617 ng
RT: 5.528 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

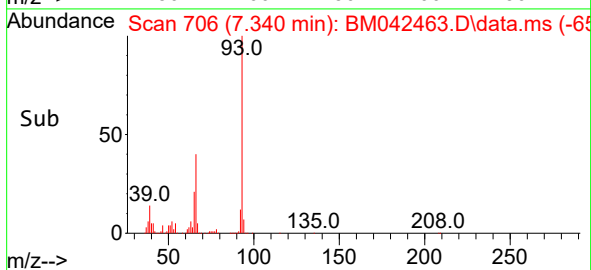
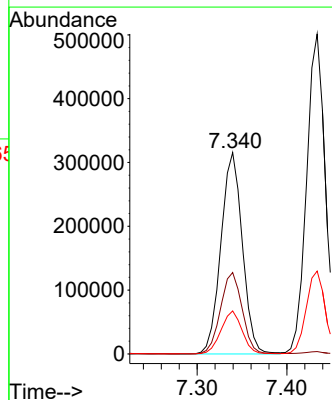
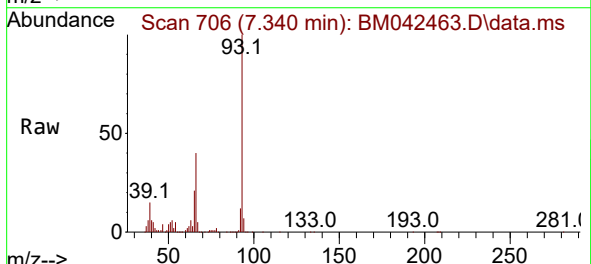
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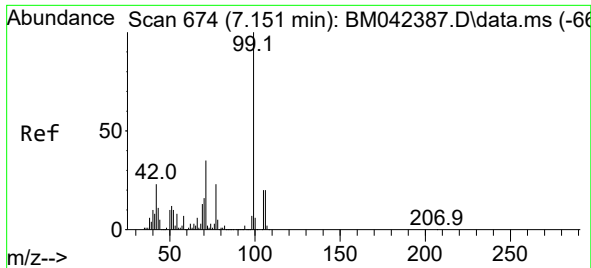
Tgt Ion:112 Resp: 1760330
Ion Ratio Lower Upper
112 100
64 62.4 52.7 79.1
63 33.4 28.3 42.5



#6
Aniline
Concen: 21.388 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 93 Resp: 523906
Ion Ratio Lower Upper
93 100
66 40.4 33.8 50.8
65 21.4 17.4 26.2

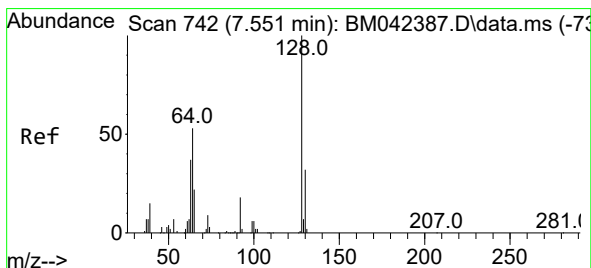
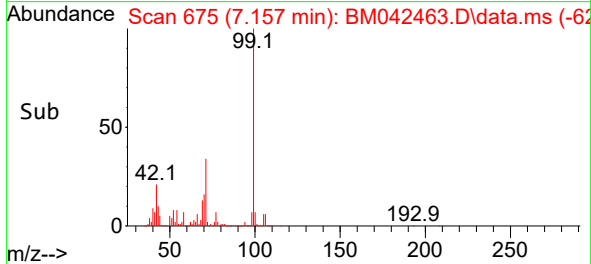
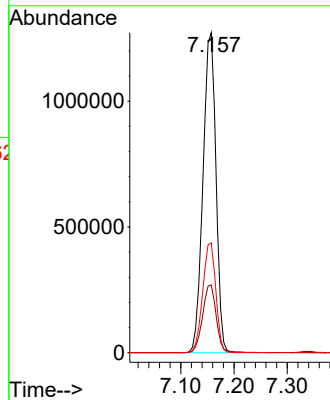
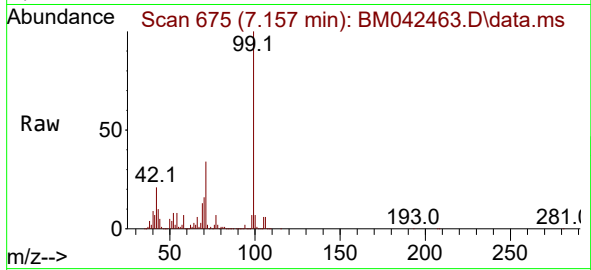




#7
Phenol-d6
Concen: 111.898 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

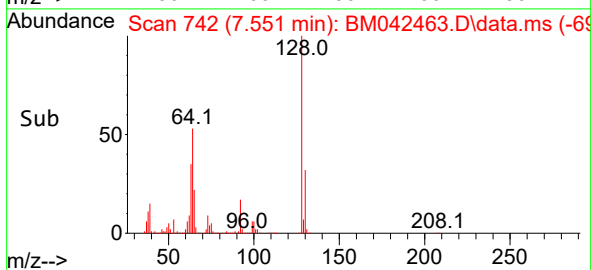
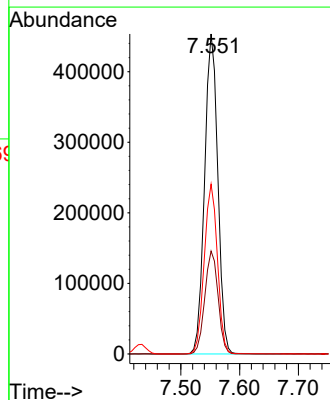
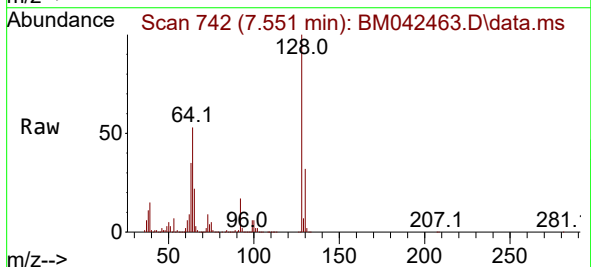
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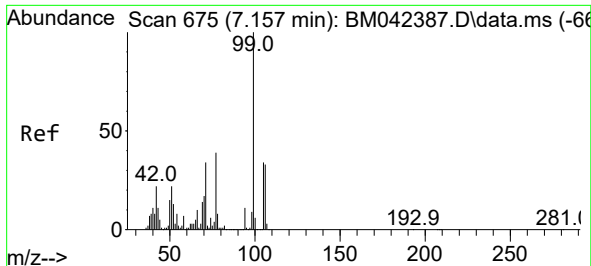
Tgt Ion: 99 Resp: 2152829
Ion Ratio Lower Upper
99 100
42 21.2 18.5 27.7
71 34.3 27.7 41.5



#8
2-Chlorophenol
Concen: 49.900 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 128 Resp: 710845
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 53.1 38.2 78.2

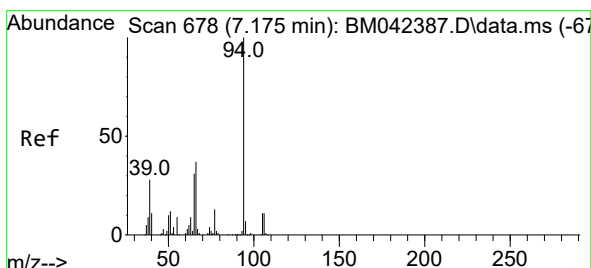
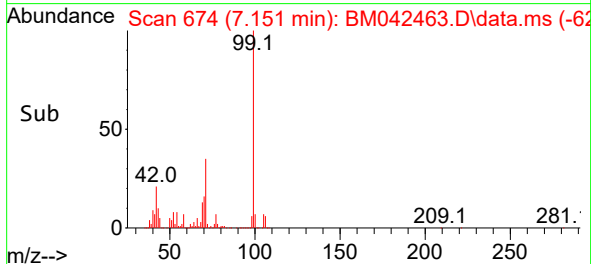
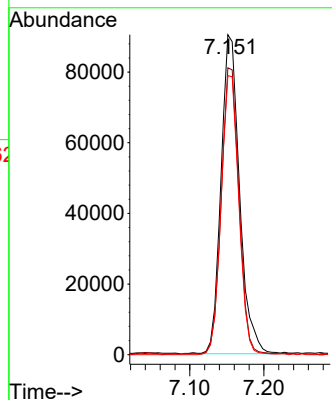
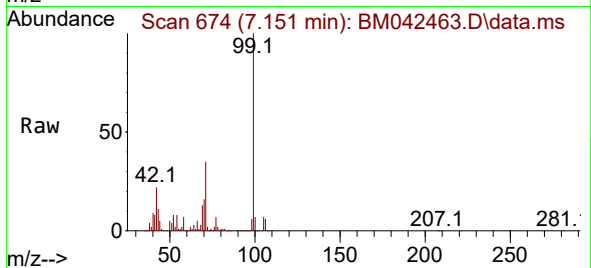




#9
Benzaldehyde
Concen: 13.989 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

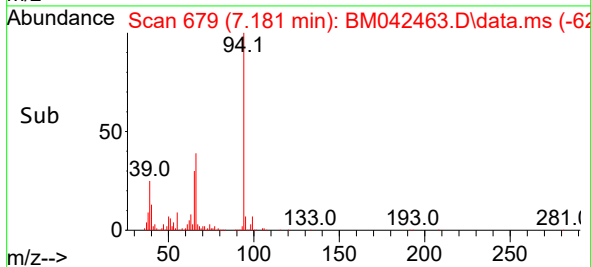
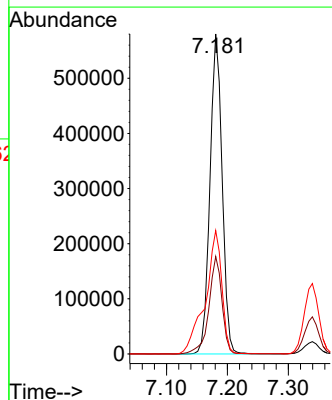
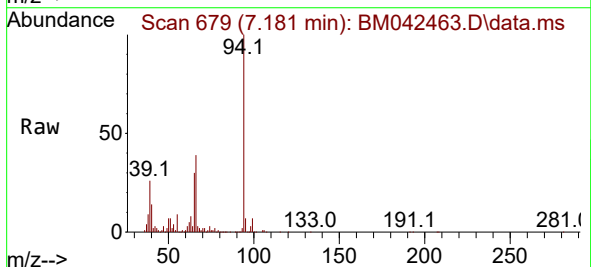
Instrument :
BNA_M
ClientSampleId :
343MSD

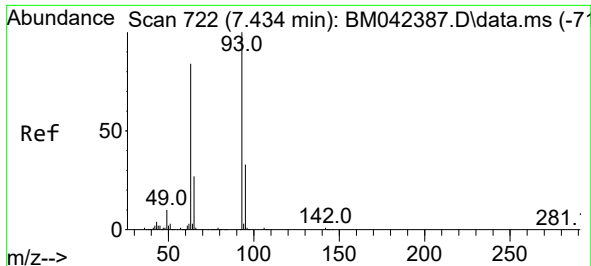
Tgt Ion: 77 Resp: 156762
Ion Ratio Lower Upper
77 100
105 89.6 68.7 108.7
106 87.2 65.8 105.8



#10
Phenol
Concen: 40.561 ng
RT: 7.181 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 94 Resp: 806344
Ion Ratio Lower Upper
94 100
65 30.4 10.9 50.9
66 38.5 18.2 58.2

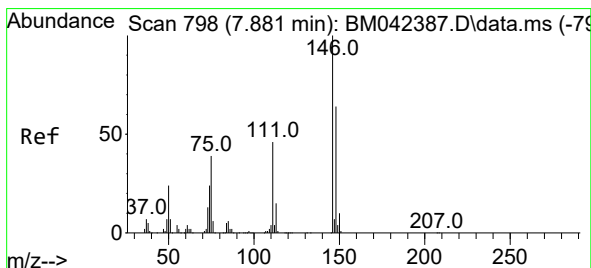
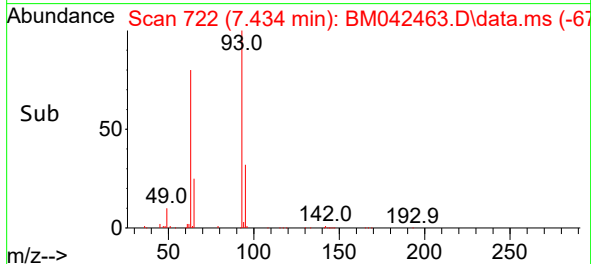
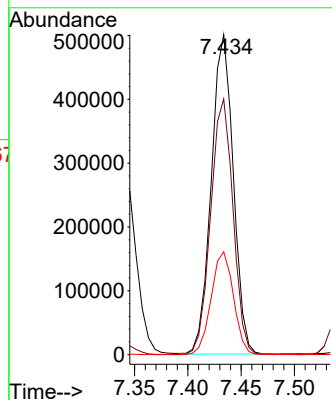
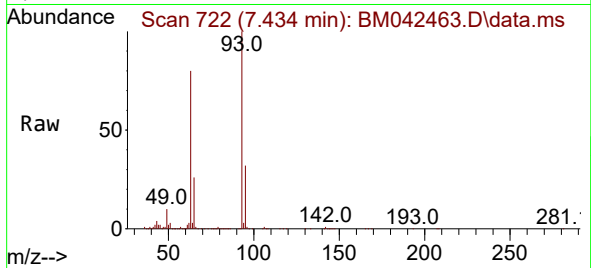




#11
bis(2-Chloroethyl)ether
Concen: 44.005 ng
RT: 7.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

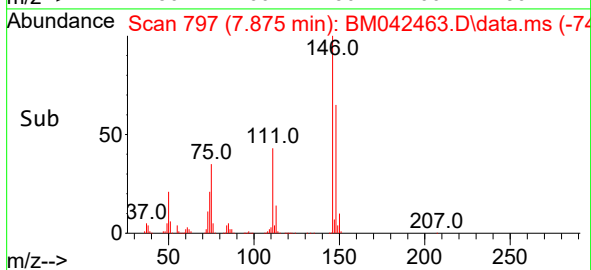
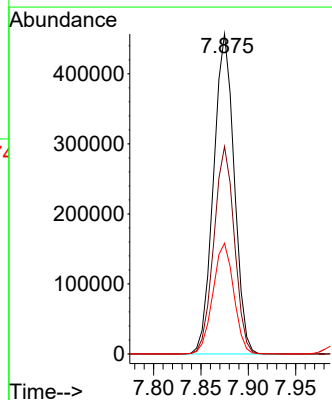
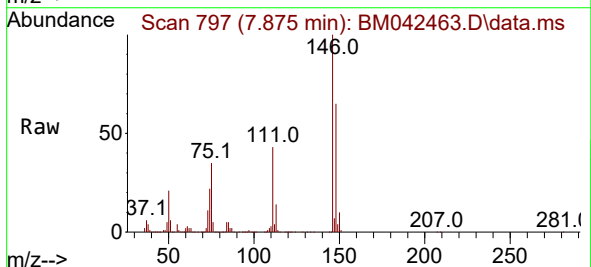
Instrument :
BNA_M
ClientSampleId :
343MSD

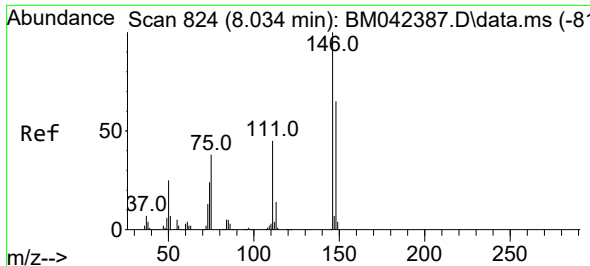
Tgt Ion: 93 Resp: 718240
Ion Ratio Lower Upper
93 100
63 79.9 64.2 104.2
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.979 ng
RT: 7.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 146 Resp: 692211
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 34.6 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 48.390 ng

RT: 8.034 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

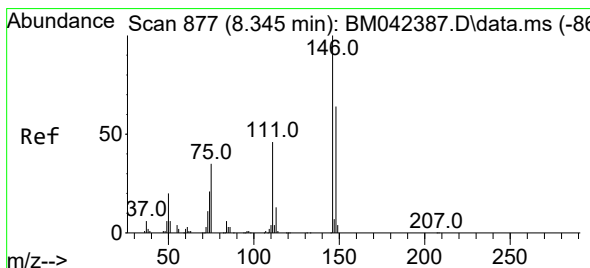
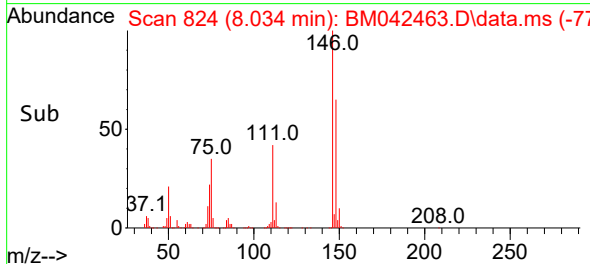
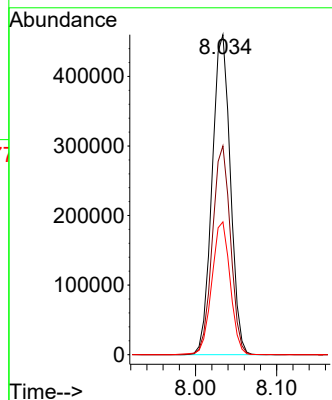
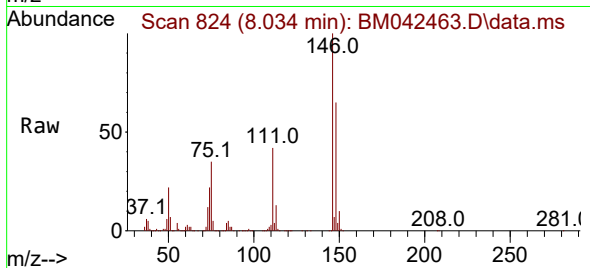
Tgt Ion:146 Resp: 717719

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.6

111 41.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 48.853 ng

RT: 8.345 min Scan# 877

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

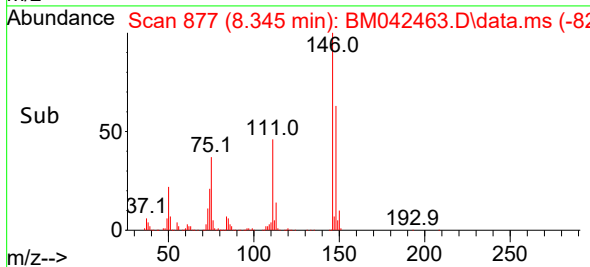
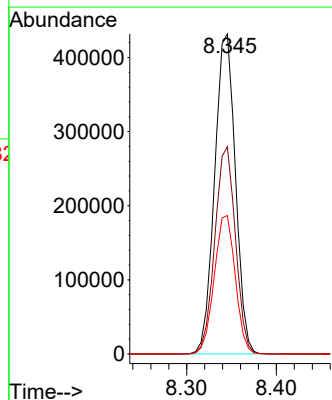
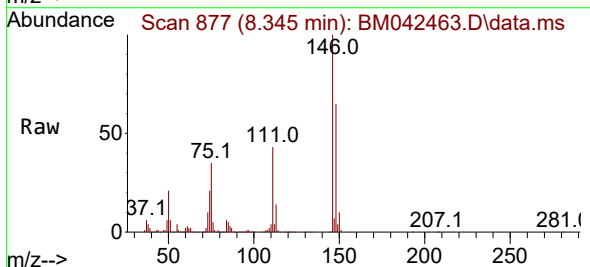
Tgt Ion:146 Resp: 695752

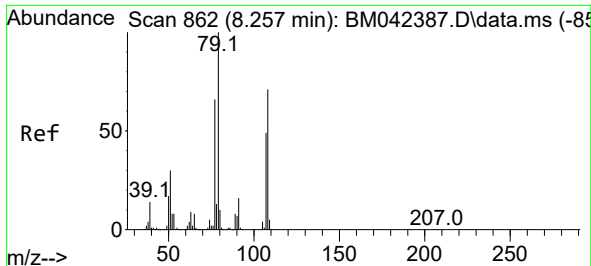
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

111 43.3 37.2 55.8

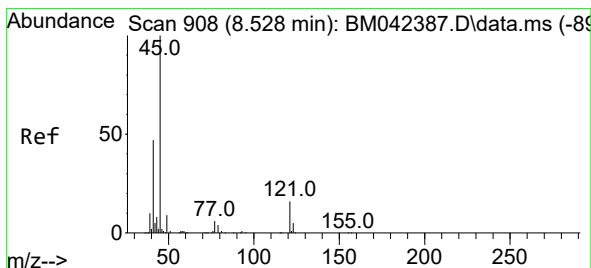
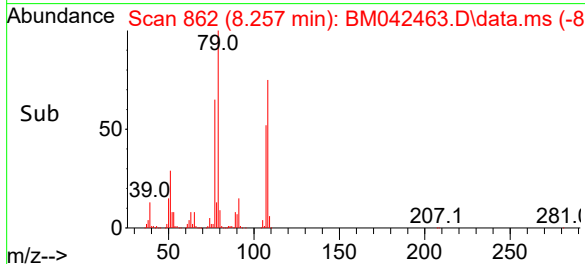
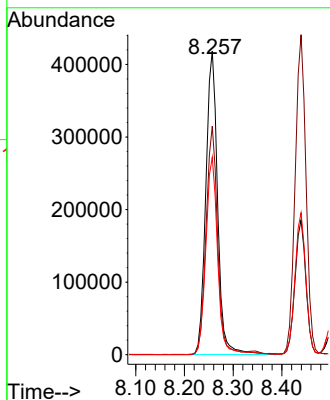
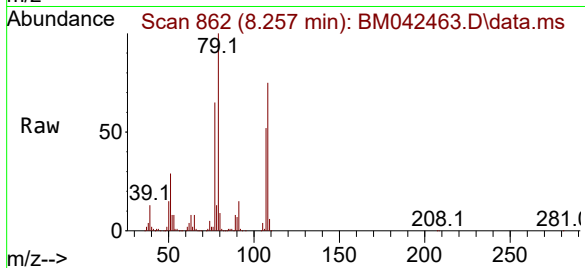




#15
Benzyl Alcohol
Concen: 49.062 ng
RT: 8.257 min Scan# 862
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

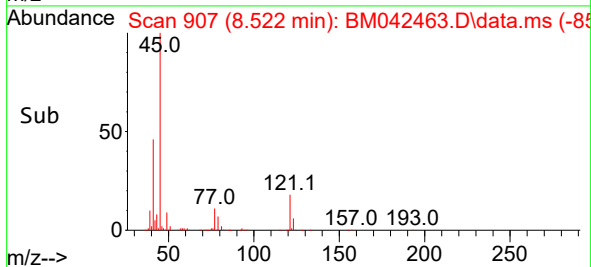
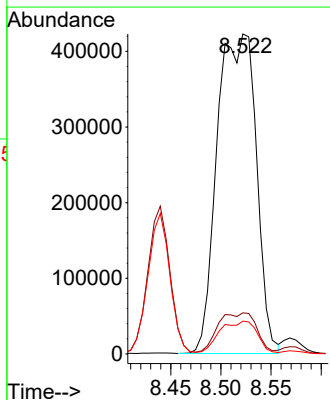
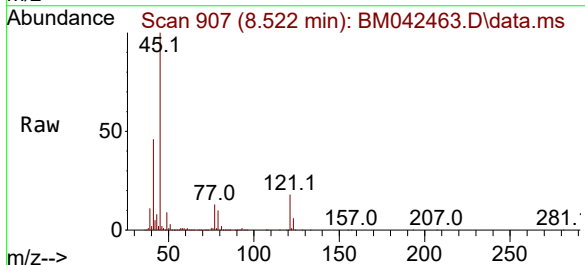
Instrument :
BNA_M
ClientSampleId :
343MSD

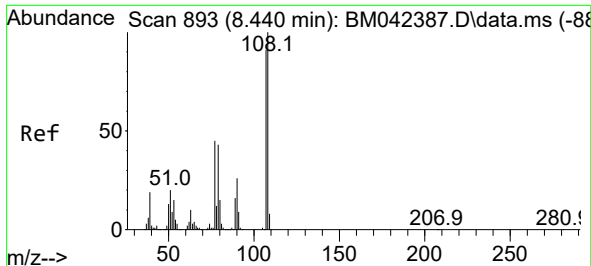
Tgt Ion: 79 Resp: 699720
Ion Ratio Lower Upper
79 100
108 75.2 57.1 85.7
77 65.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.304 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 45 Resp: 1144197
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.2
79 10.3 0.0 30.4

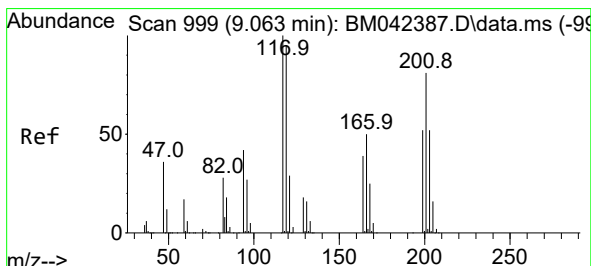
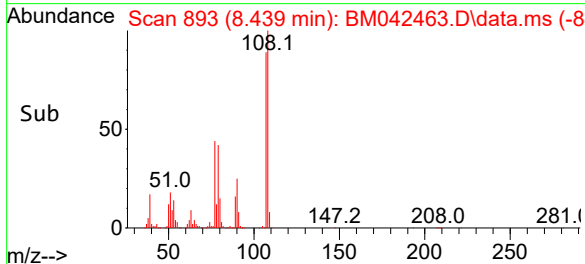
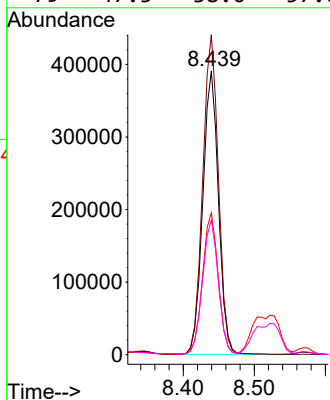
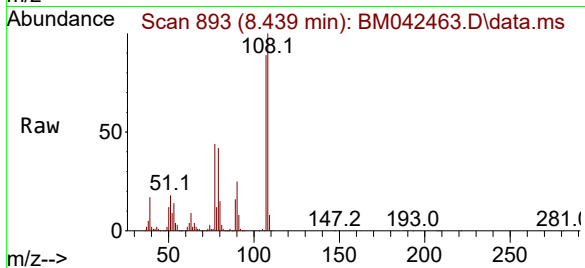




#17
2-Methylphenol
Concen: 45.543 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

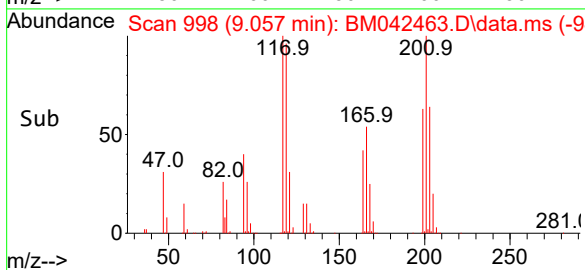
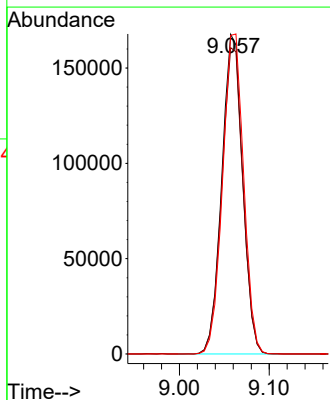
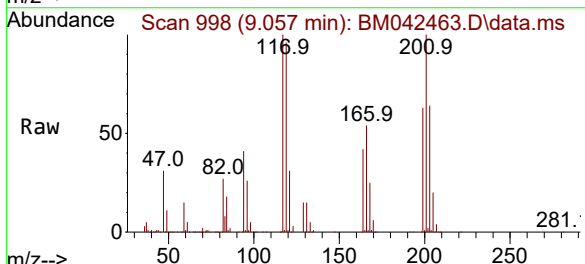
Instrument :
BNA_M
ClientSampleId :
343MSD

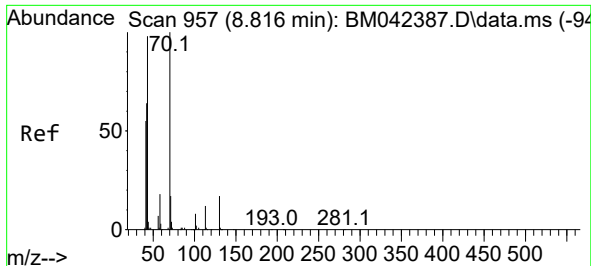
Tgt Ion:107 Resp: 597456
Ion Ratio Lower Upper
107 100
108 112.7 88.2 132.4
77 50.0 40.1 60.1
79 47.5 38.0 57.0



#18
Hexachloroethane
Concen: 47.518 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:117 Resp: 271323
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9
201 99.6 64.6 97.0#



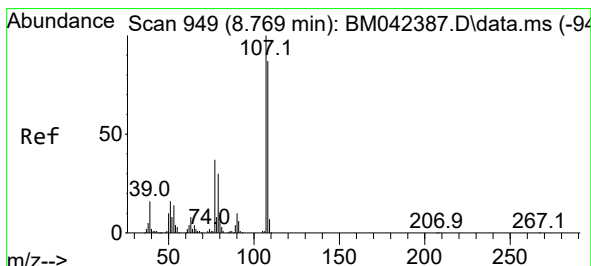
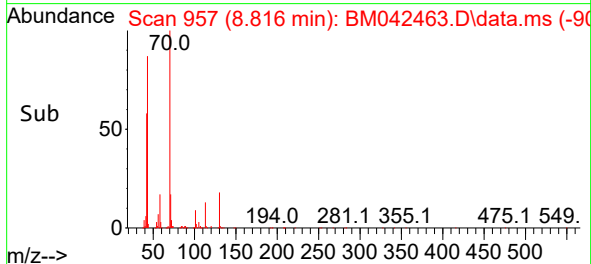
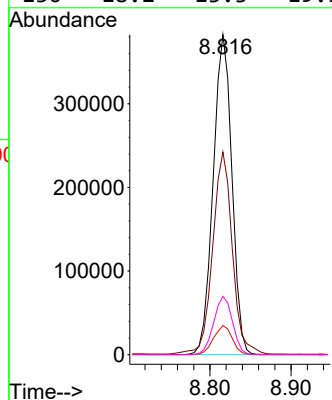
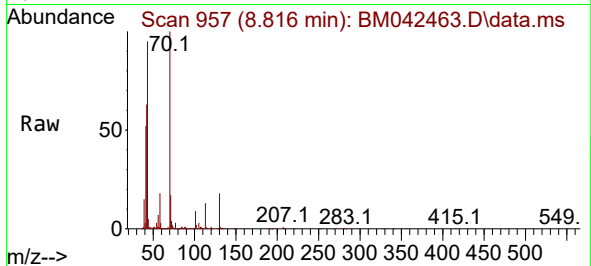


#19
n-Nitroso-di-n-propylamine
Concen: 46.947 ng
RT: 8.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Instrument :
BNA_M
ClientSampleId :
343MSD

Tgt Ion: 70 Resp: 612178

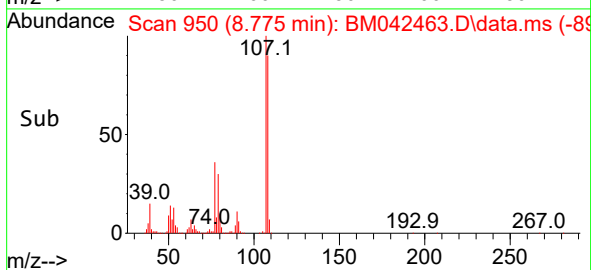
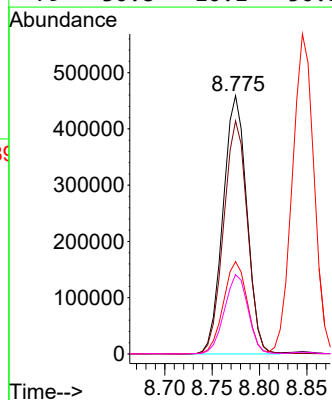
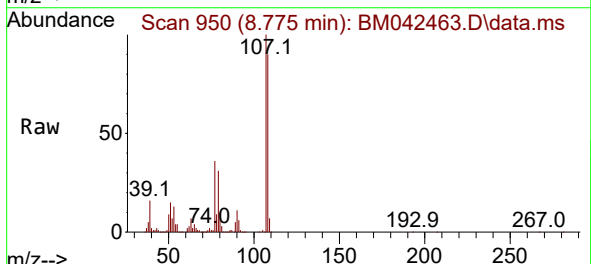
Ion	Ratio	Lower	Upper
70	100		
42	63.3	52.1	78.1
101	9.1	6.5	9.7
130	18.2	13.3	19.9

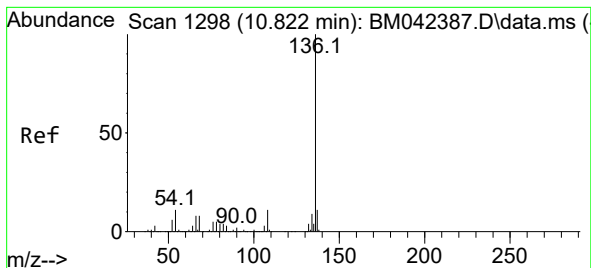


#20
3+4-Methylphenols
Concen: 45.604 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 107 Resp: 802431

Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.2	107.2
77	35.8	16.8	56.8
79	30.8	10.1	50.1

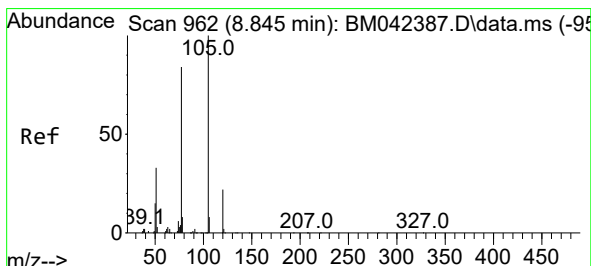
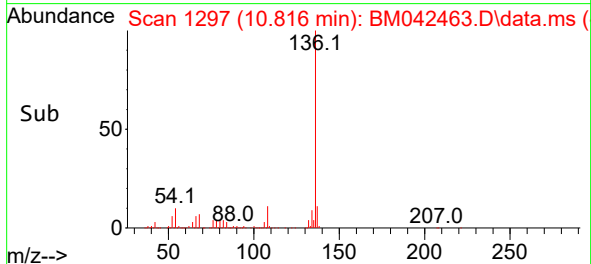
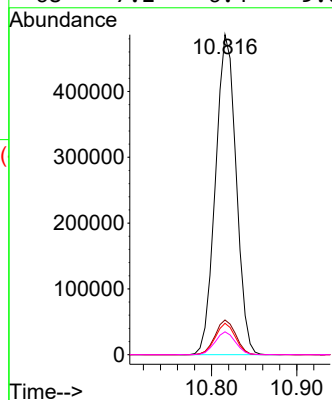
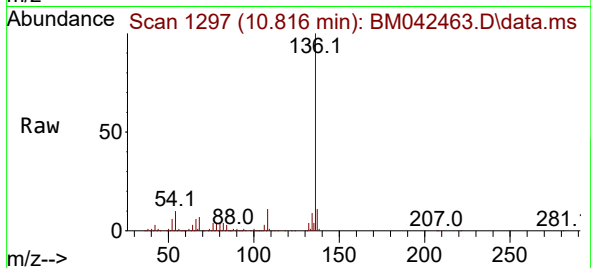




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

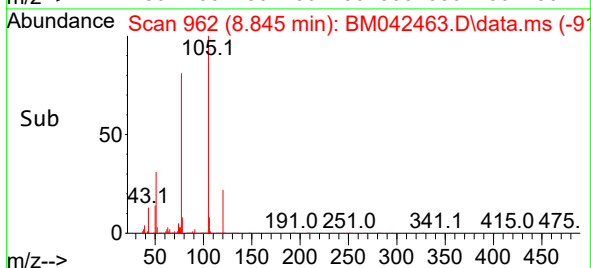
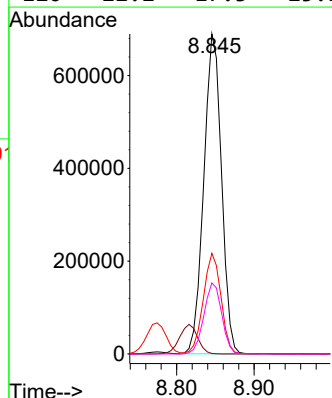
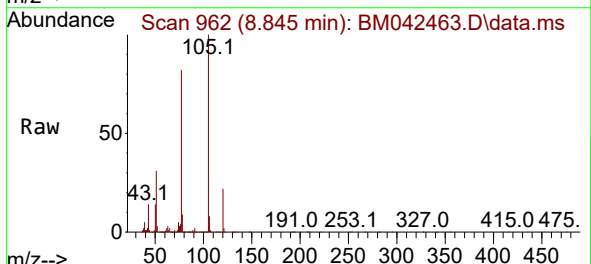
Instrument :
BNA_M
ClientSampleId :
343MSD

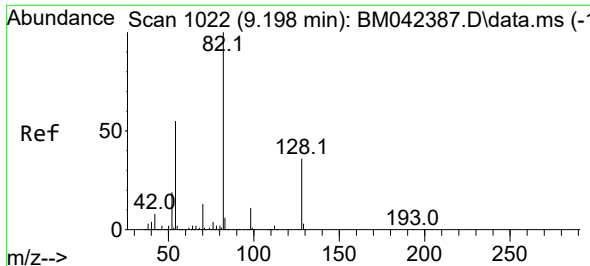
Tgt Ion:136 Resp: 818579
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.8 8.6 12.8
68 7.2 6.4 9.6



#22
Acetophenone
Concen: 48.919 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:105 Resp: 1092474
Ion Ratio Lower Upper
105 100
71 0.2 0.1 0.1#
51 31.5 27.1 40.7
120 22.2 17.3 25.9

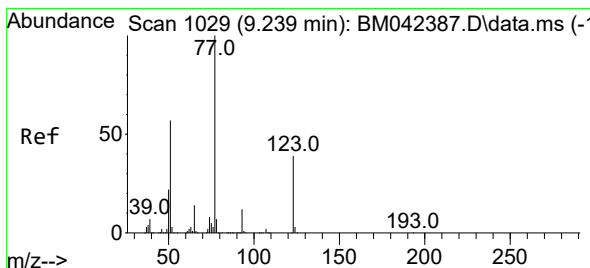
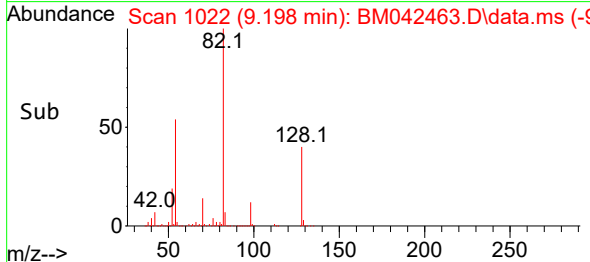
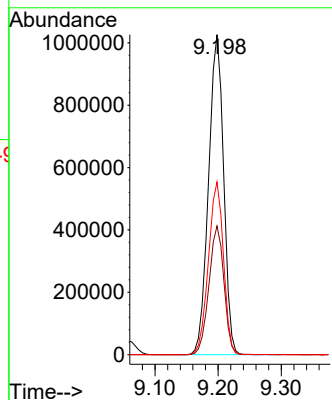
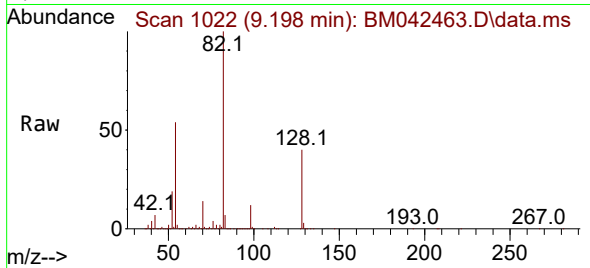




#23
Nitrobenzene-d5
Concen: 91.796 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

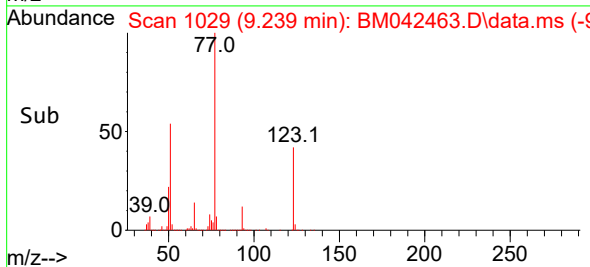
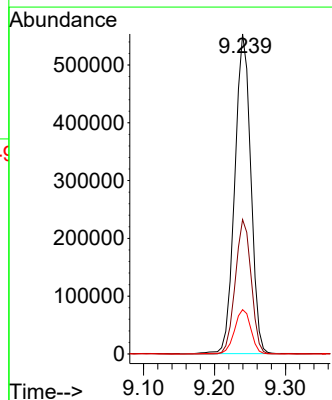
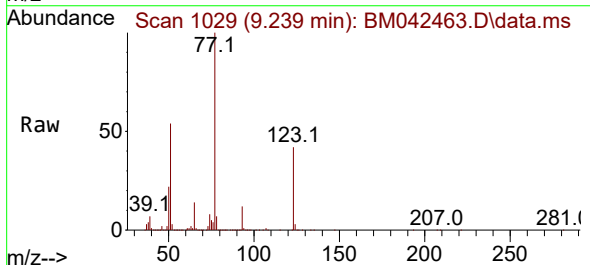
Instrument :
BNA_M
ClientSampleId :
343MSD

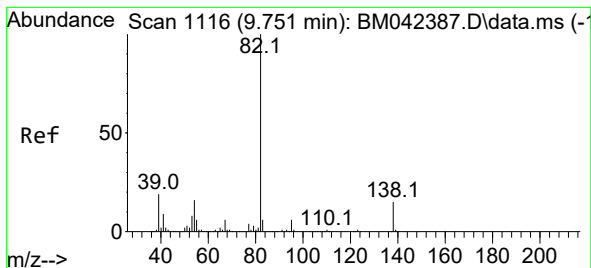
Tgt Ion: 82 Resp: 1699297
Ion Ratio Lower Upper
82 100
128 40.2 29.0 43.6
54 54.0 43.7 65.5



#24
Nitrobenzene
Concen: 46.943 ng
RT: 9.239 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 77 Resp: 869390
Ion Ratio Lower Upper
77 100
123 42.0 31.2 46.8
65 13.8 11.4 17.0





#25

Isophorone

Concen: 51.670 ng

RT: 9.751 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

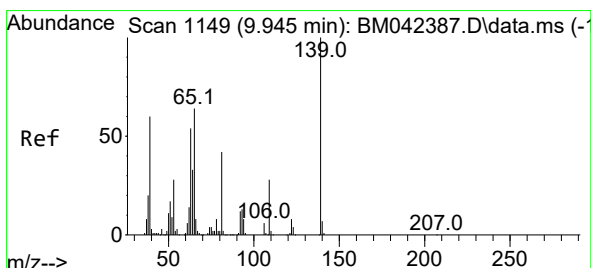
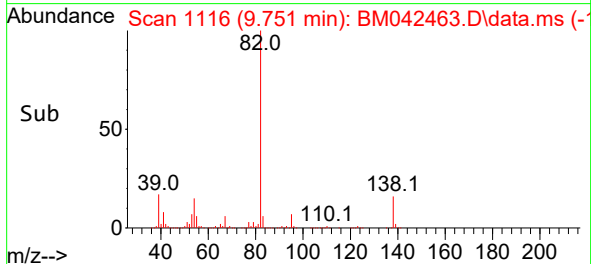
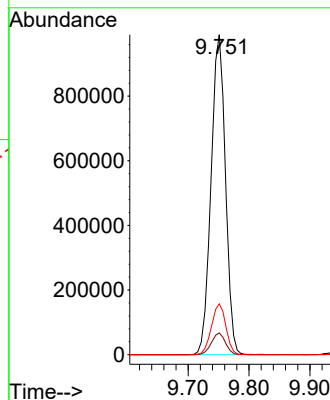
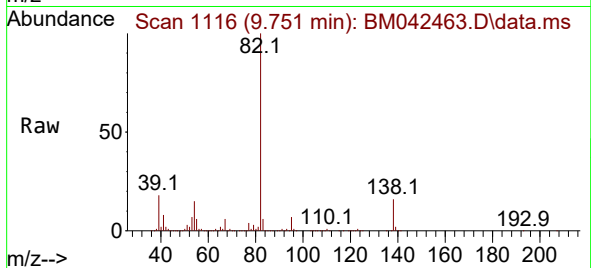
Tgt Ion: 82 Resp: 1625509

Ion Ratio Lower Upper

82 100

95 6.8 5.1 7.7

138 15.9 11.8 17.6



#26

2-Nitrophenol

Concen: 54.676 ng

RT: 9.939 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

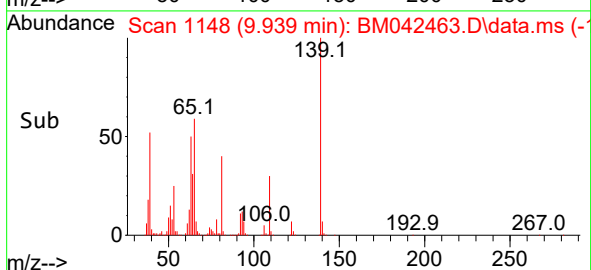
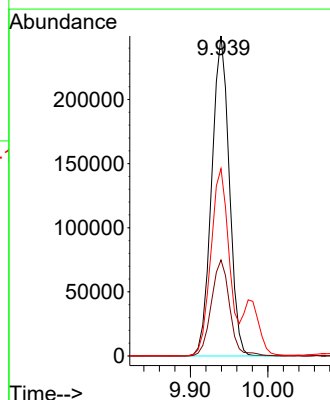
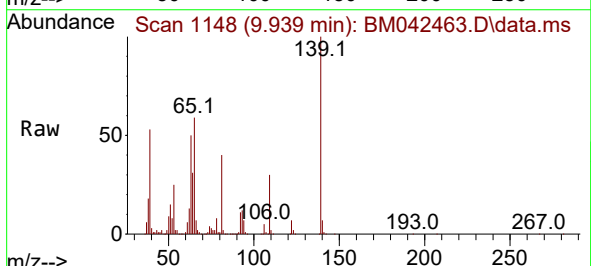
Tgt Ion: 139 Resp: 392574

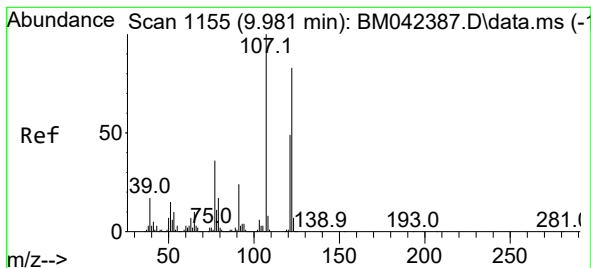
Ion Ratio Lower Upper

139 100

109 30.0 22.3 33.5

65 58.6 51.1 76.7

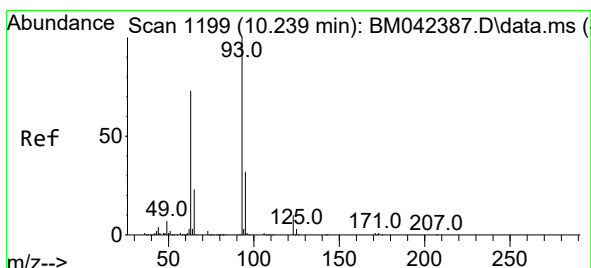
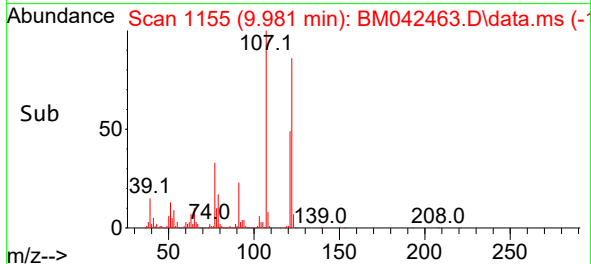
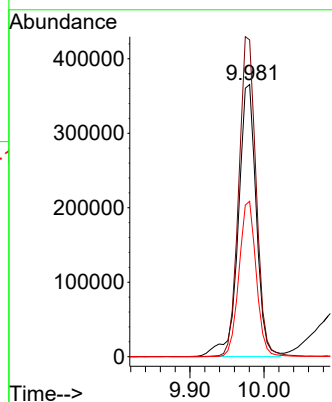
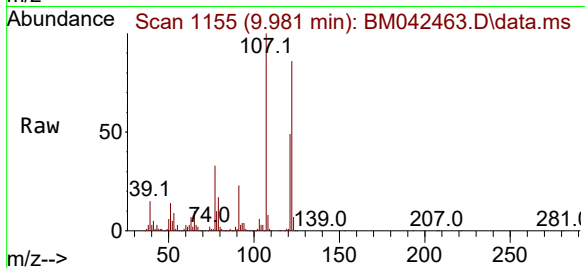




#27
2,4-Dimethylphenol
Concen: 48.223 ng
RT: 9.981 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

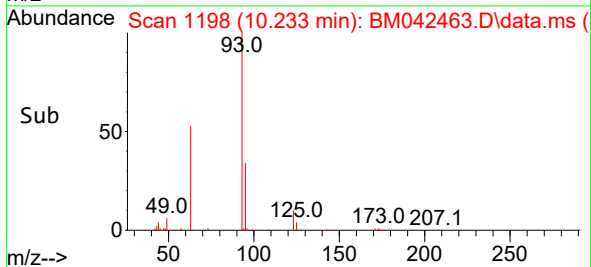
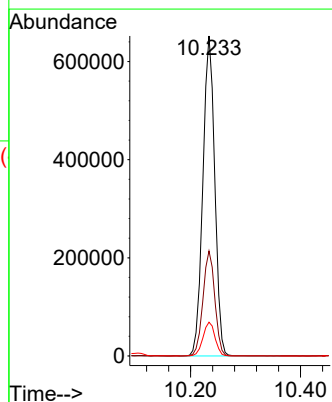
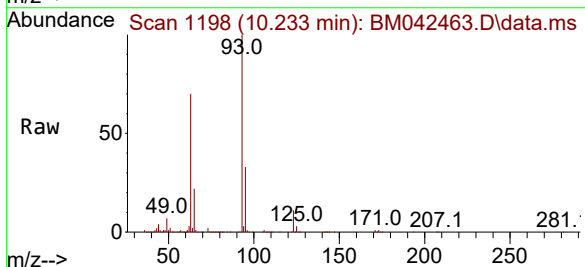
Instrument :
BNA_M
ClientSampleId :
343MSD

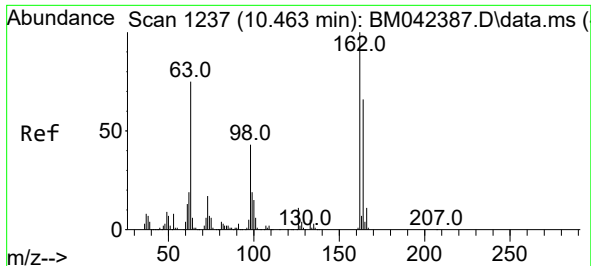
Tgt Ion:122 Resp: 615360
Ion Ratio Lower Upper
122 100
107 116.4 96.3 144.5
121 57.1 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.176 ng
RT: 10.233 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 93 Resp: 980143
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 61.309 ng

RT: 10.457 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

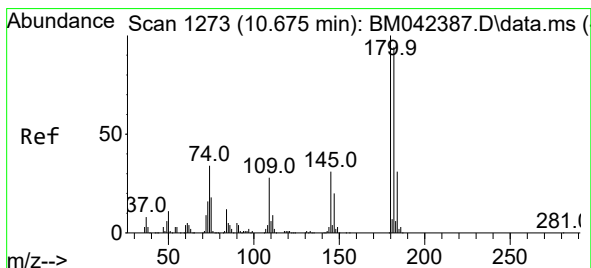
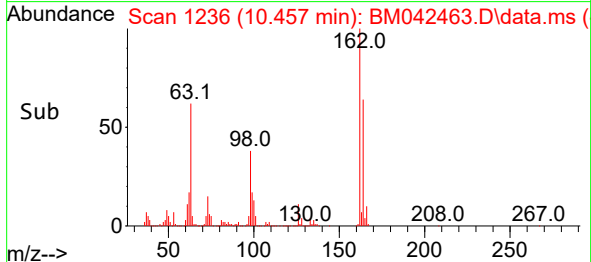
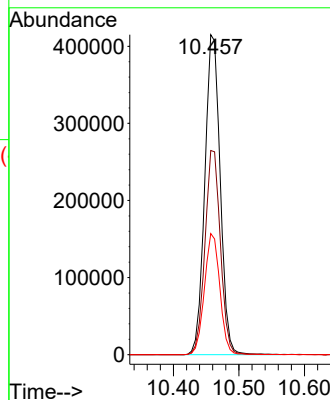
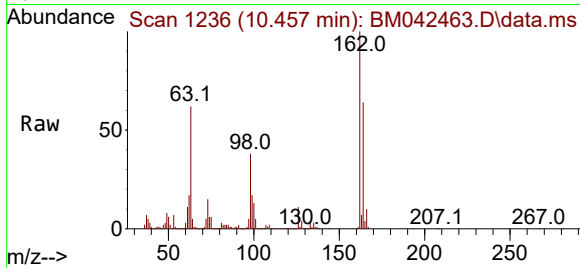
Tgt Ion:162 Resp: 680352

Ion Ratio Lower Upper

162 100

164 63.8 45.9 85.9

98 37.8 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 58.276 ng

RT: 10.669 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

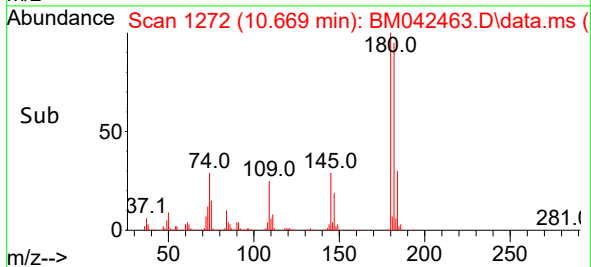
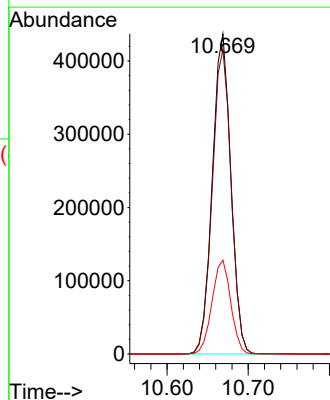
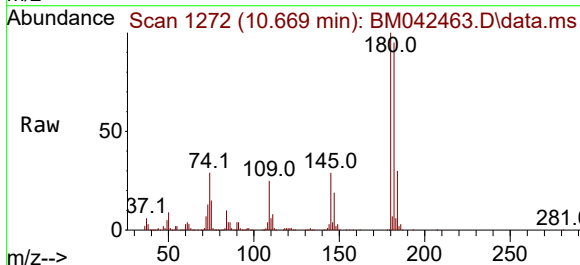
Tgt Ion:180 Resp: 693287

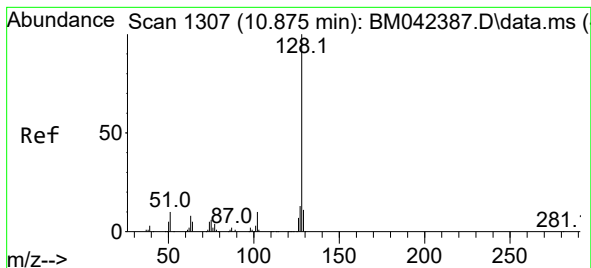
Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.4

145 29.3 24.6 36.8





#31

Naphthalene

Concen: 50.417 ng

RT: 10.869 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

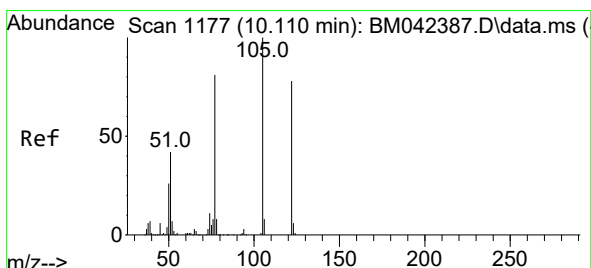
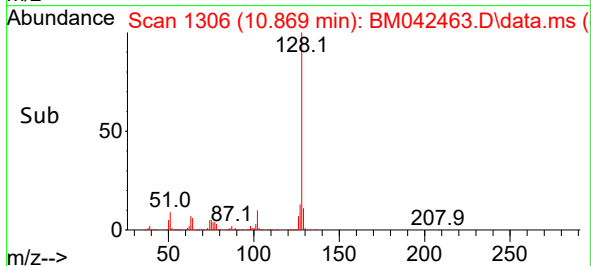
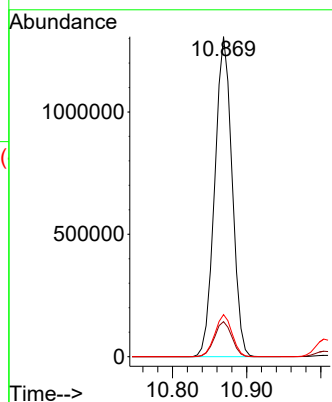
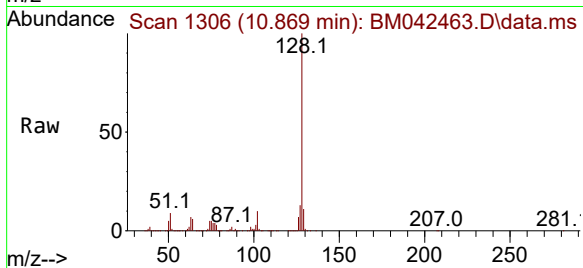
Tgt Ion:128 Resp: 2119807

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 26.414 ng

RT: 10.104 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

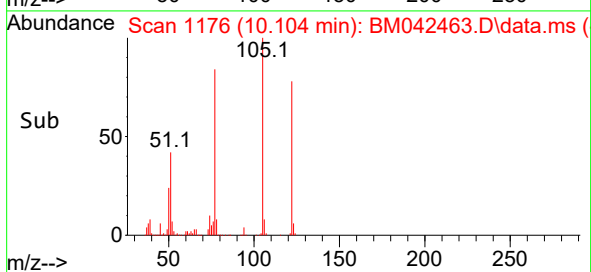
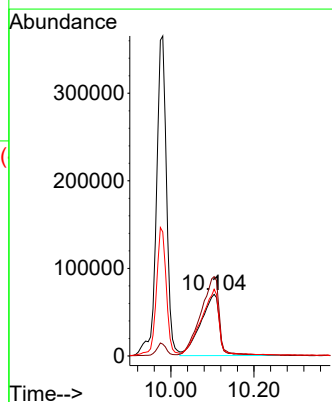
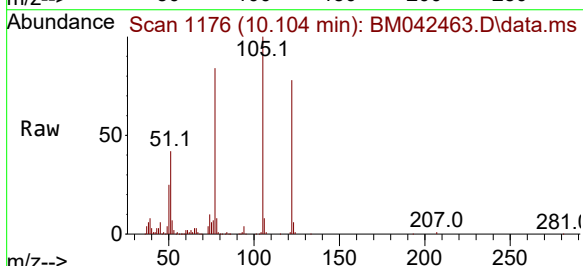
Tgt Ion:122 Resp: 221395

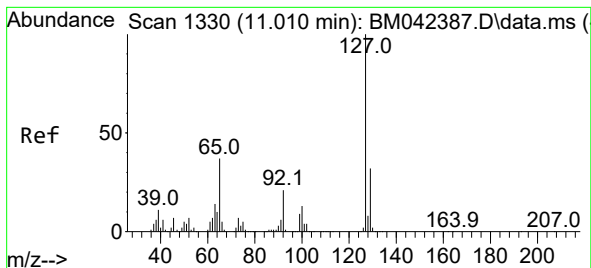
Ion Ratio Lower Upper

122 100

105 128.8 104.9 144.9

77 108.3 83.4 123.4





#33

4-Chloroaniline

Concen: 8.114 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

Tgt Ion:127 Resp: 148123

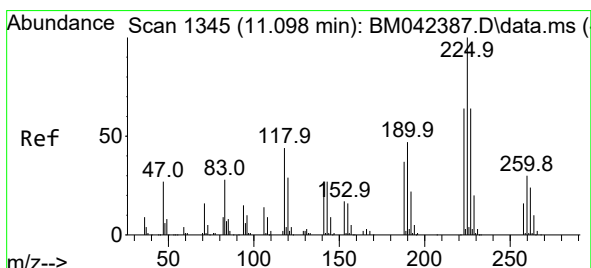
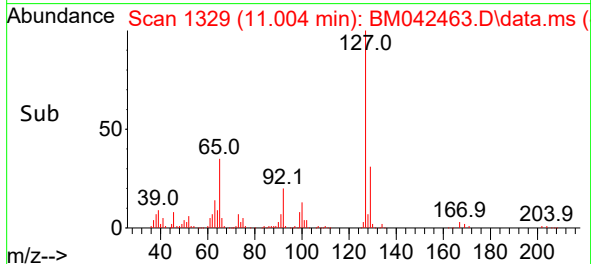
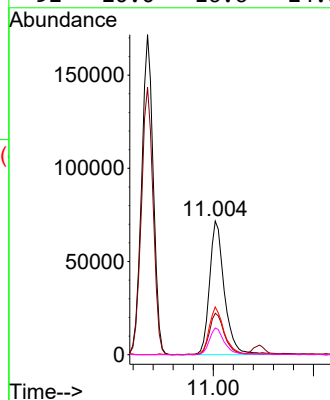
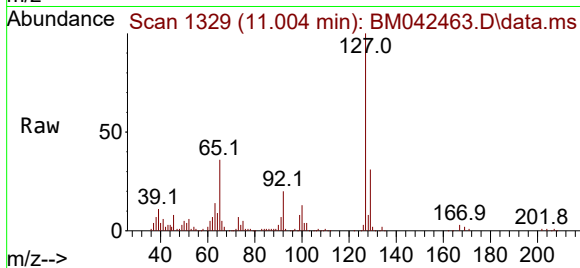
Ion Ratio Lower Upper

127 100

129 31.0 25.3 37.9

65 35.7 29.6 44.4

92 20.0 16.6 24.8



#34

Hexachlorobutadiene

Concen: 64.421 ng

RT: 11.092 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

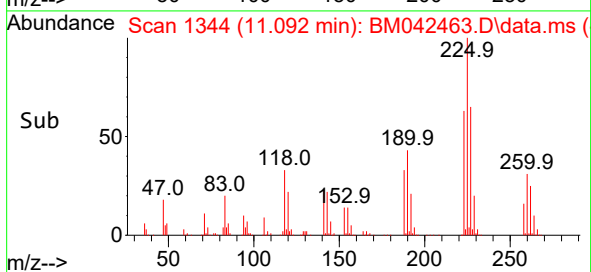
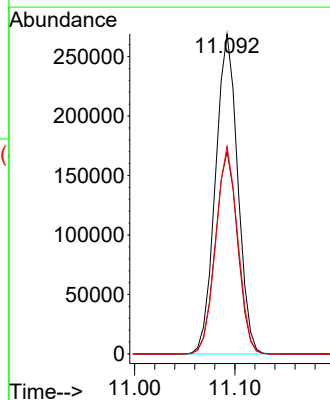
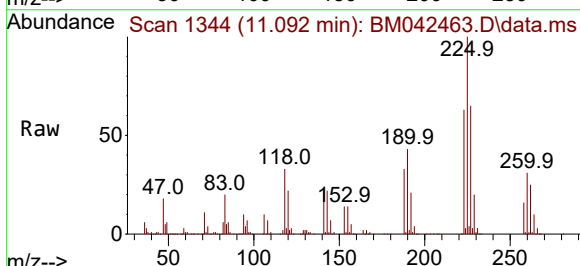
Tgt Ion:225 Resp: 414713

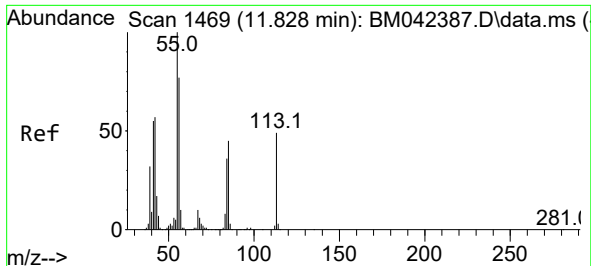
Ion Ratio Lower Upper

225 100

223 63.2 51.5 77.3

227 64.8 51.3 76.9

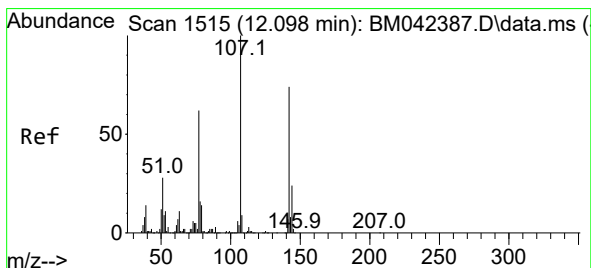
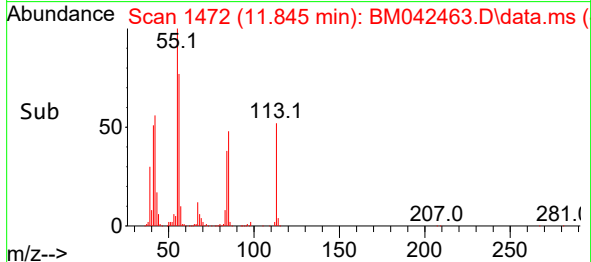
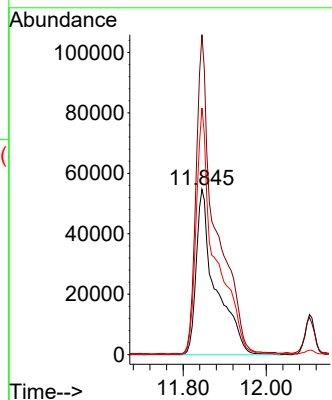
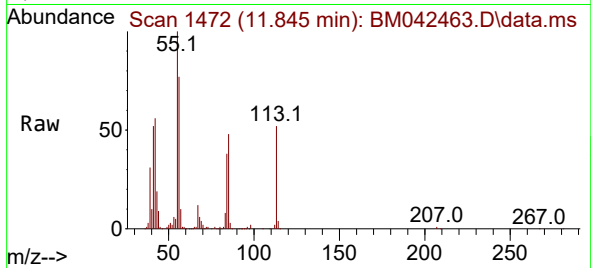




#35
Caprolactam
Concen: 41.061 ng
RT: 11.845 min Scan# 1469
Delta R.T. 0.017 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

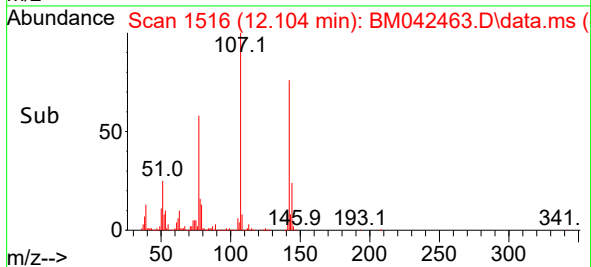
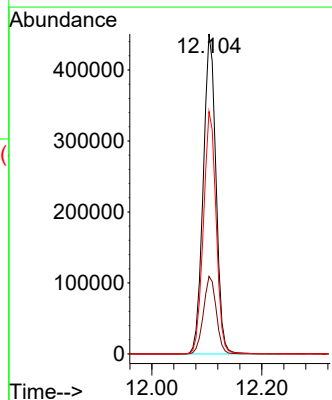
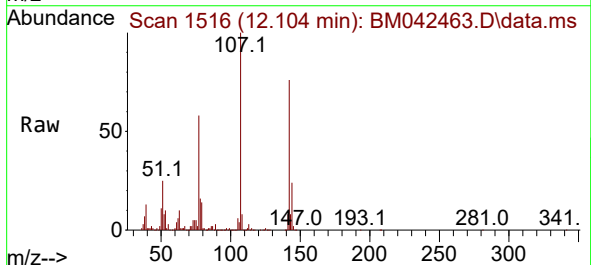
Instrument :
BNA_M
ClientSampleId :
343MSD

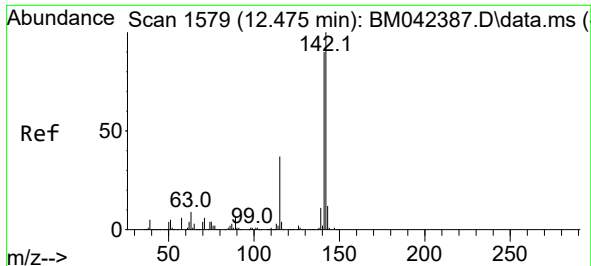
Tgt Ion:113 Resp: 176568
Ion Ratio Lower Upper
113 100
55 193.7 185.6 225.6
56 149.3 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 54.193 ng
RT: 12.104 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:107 Resp: 725728
Ion Ratio Lower Upper
107 100
144 24.3 18.9 28.3
142 75.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 50.685 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

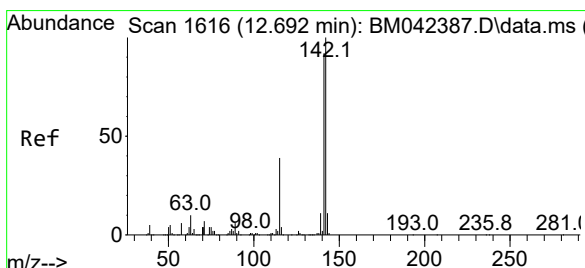
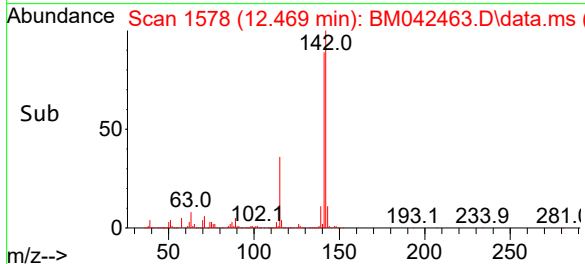
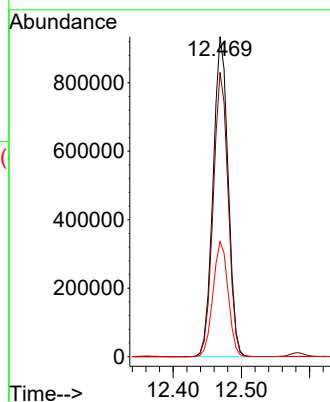
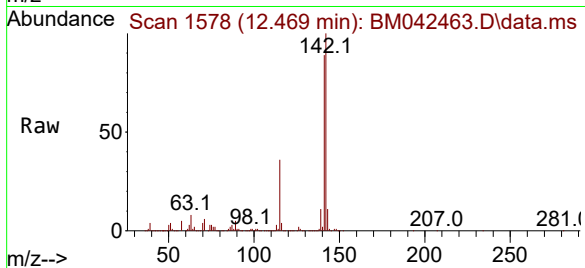
Tgt Ion:142 Resp: 1434579

Ion Ratio Lower Upper

142 100

141 88.8 72.0 108.0

115 35.9 29.4 44.2



#38

1-Methylnaphthalene

Concen: 52.377 ng

RT: 12.692 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

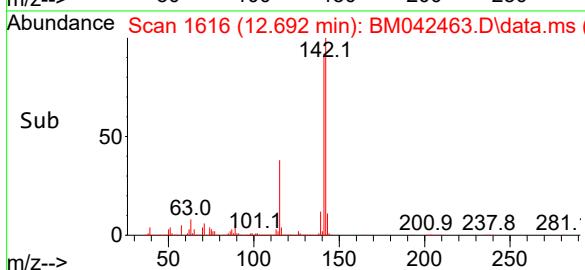
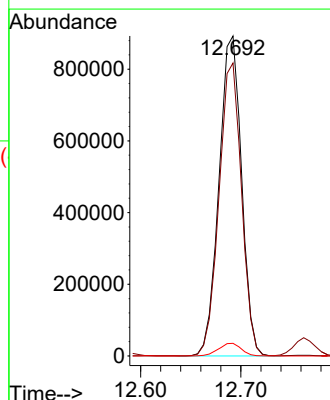
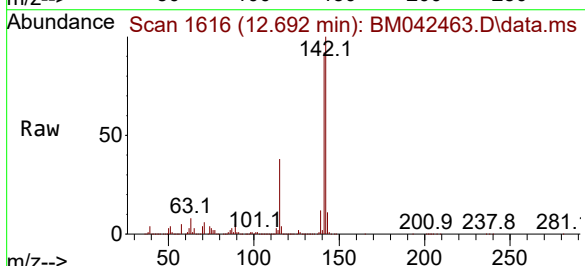
Tgt Ion:142 Resp: 1388799

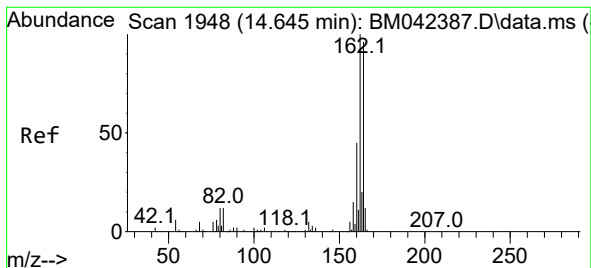
Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.6

116 4.0 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

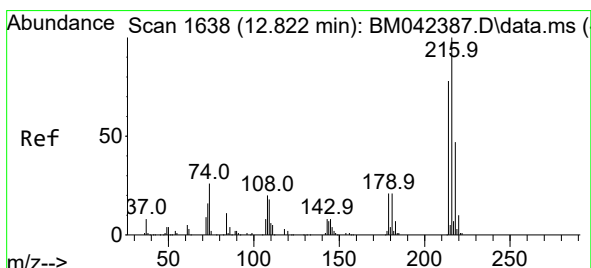
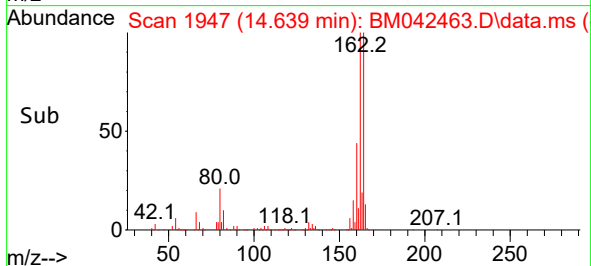
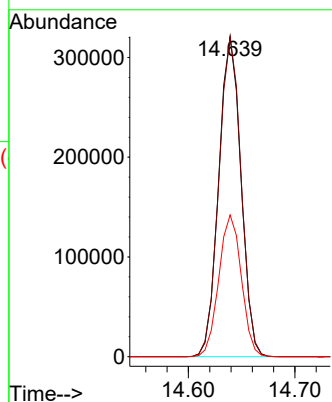
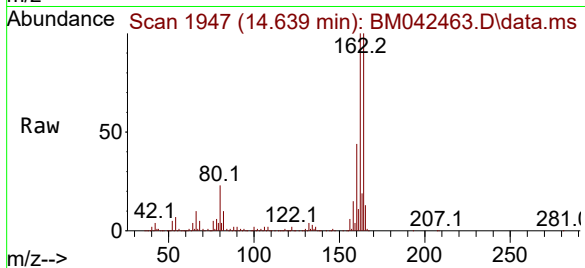
Tgt Ion:164 Resp: 463243

Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.4

160 44.3 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.899 ng

RT: 12.822 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Tgt Ion:216 Resp: 788782

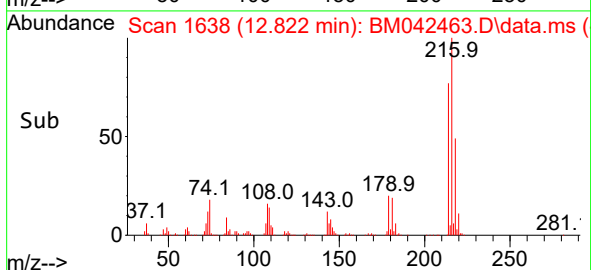
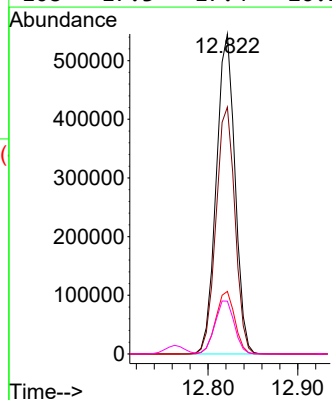
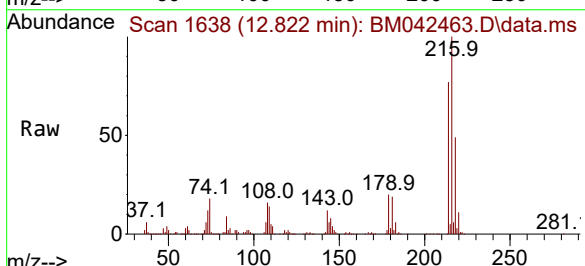
Ion Ratio Lower Upper

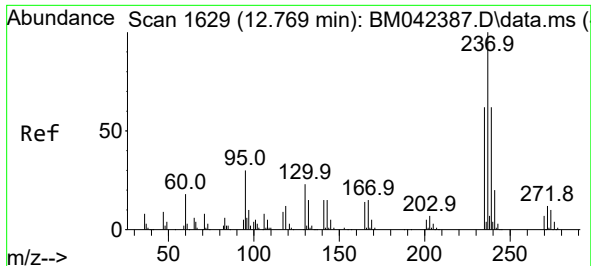
216 100

214 78.2 63.0 94.4

179 19.9 17.2 25.8

108 17.3 17.4 26.2#

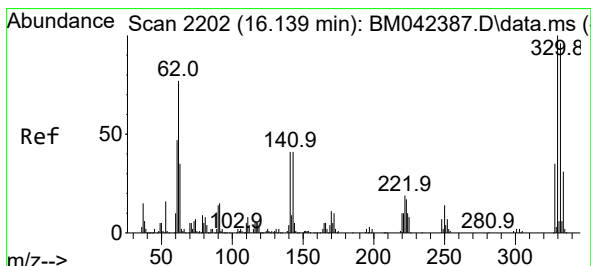
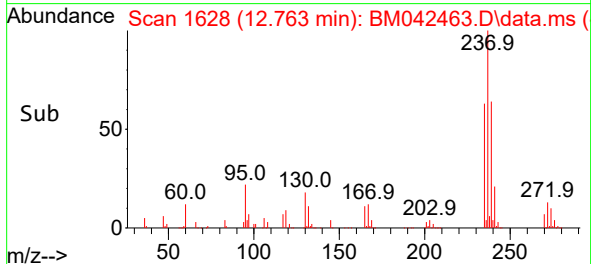
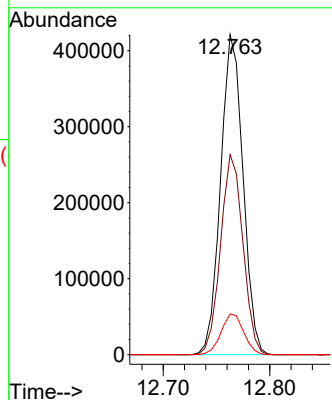
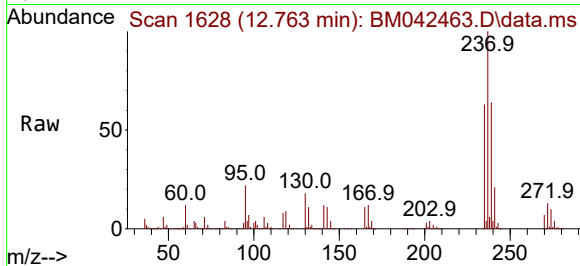




#41
Hexachlorocyclopentadiene
Concen: 84.292 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

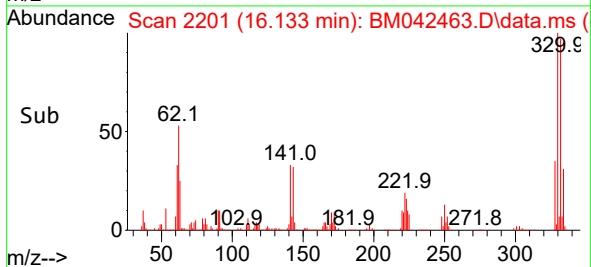
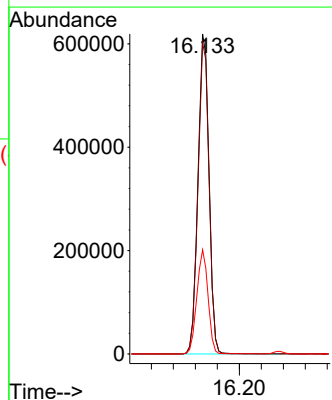
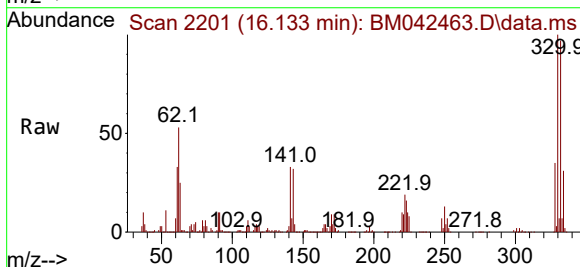
Instrument :
BNA_M
ClientSampleId :
343MSD

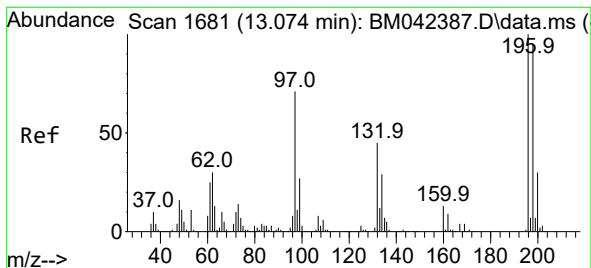
Tgt Ion:237 Resp: 613959
Ion Ratio Lower Upper
237 100
235 62.5 41.5 81.5
272 12.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 166.735 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:330 Resp: 867387
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 32.8 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 61.435 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

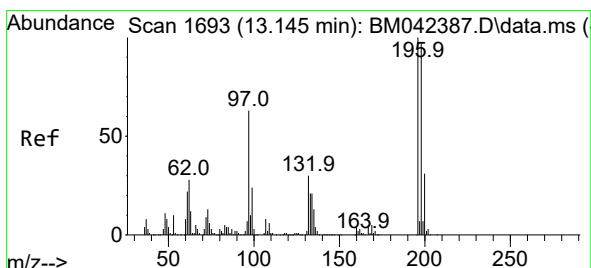
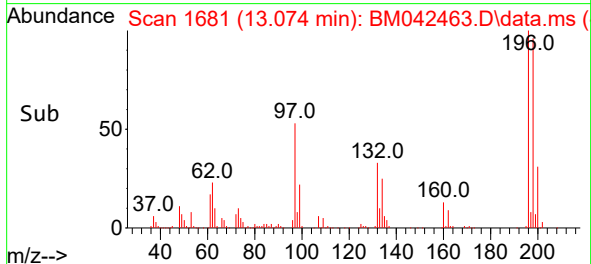
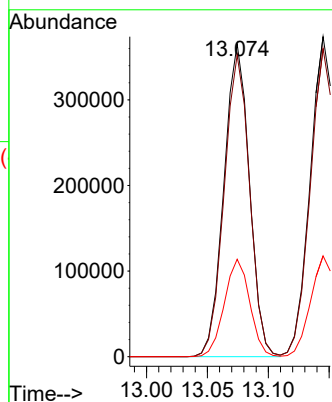
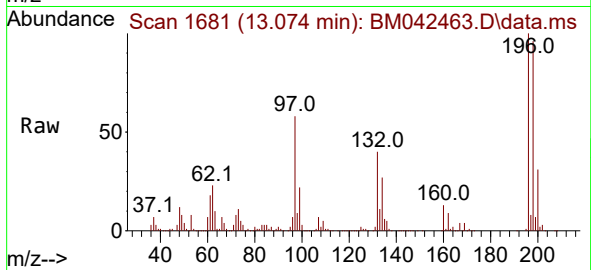
Tgt Ion:196 Resp: 532603

Ion Ratio Lower Upper

196 100

198 96.4 76.3 114.5

200 31.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 55.427 ng

RT: 13.145 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Tgt Ion:196 Resp: 568028

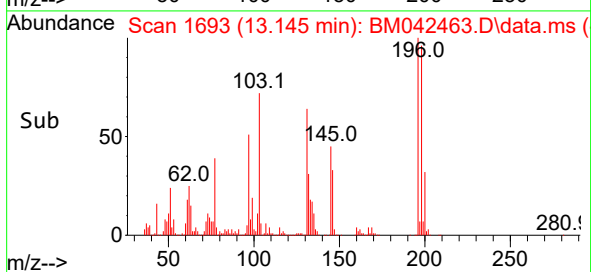
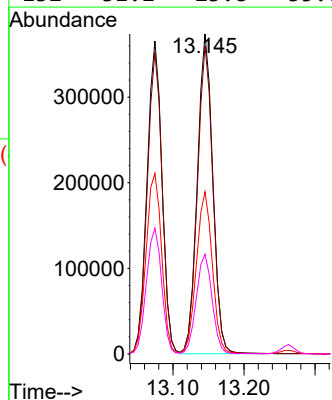
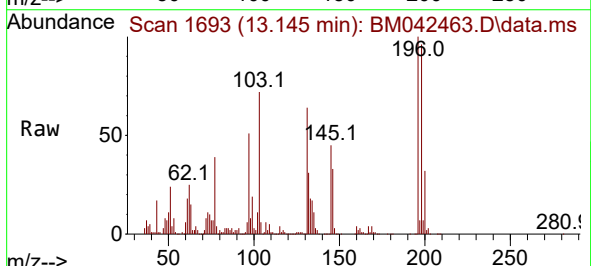
Ion Ratio Lower Upper

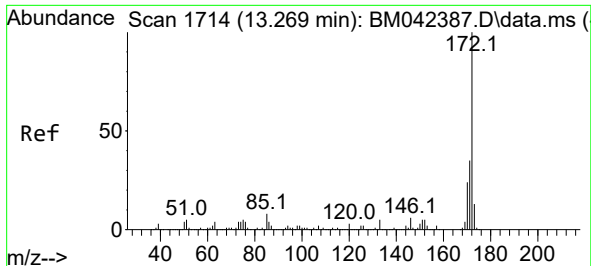
196 100

198 96.3 77.9 116.9

97 50.7 50.9 76.3#

132 31.2 23.8 35.6

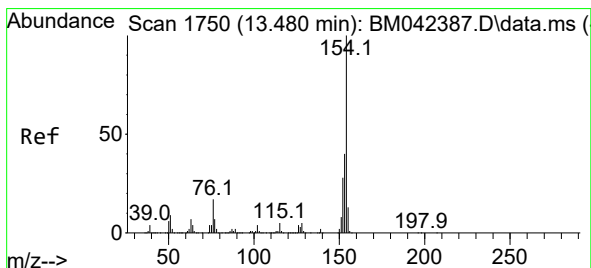
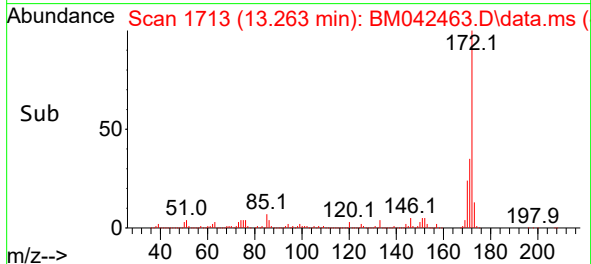
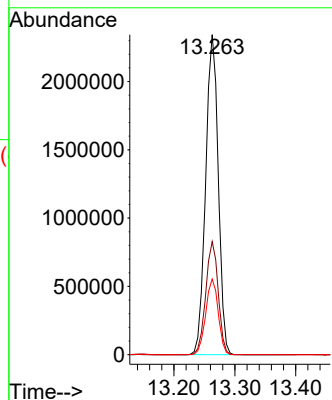
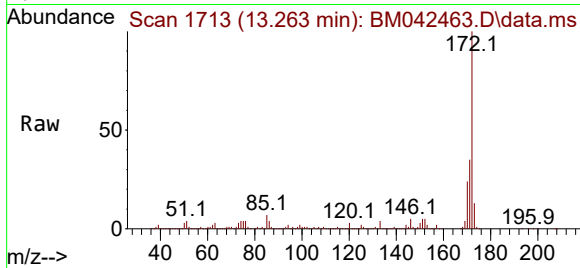




#45
2-Fluorobiphenyl
Concen: 97.693 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

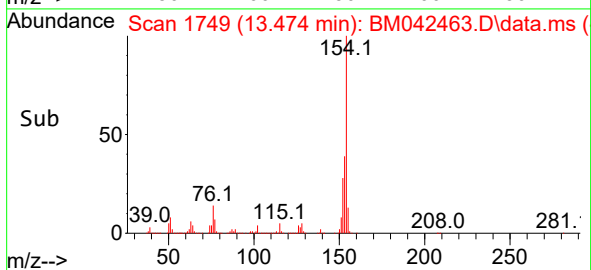
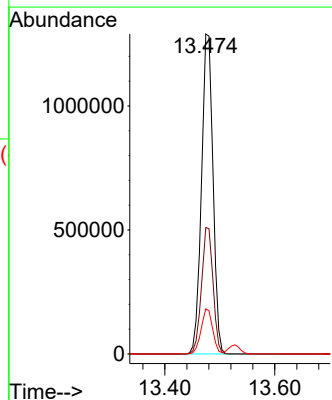
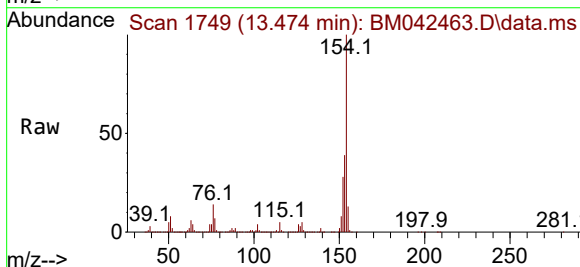
Instrument :
BNA_M
ClientSampleId :
343MSD

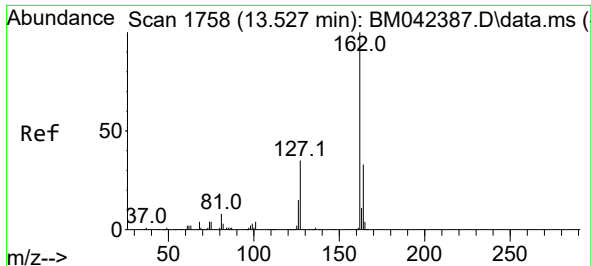
Tgt Ion:172 Resp: 3360696
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 51.122 ng
RT: 13.474 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:154 Resp: 1878706
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 14.1 0.0 36.9

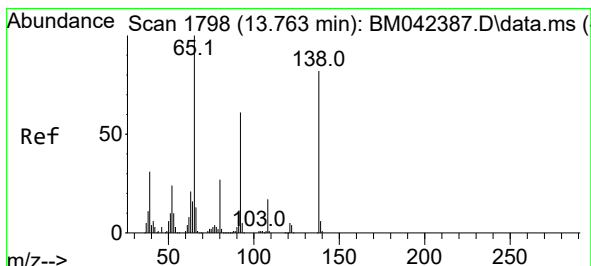
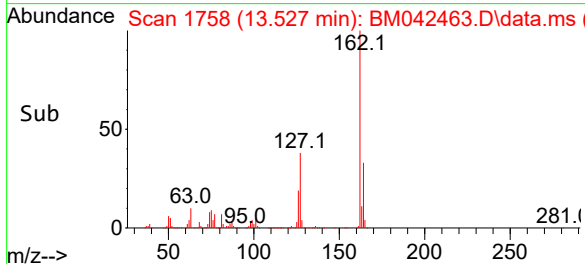
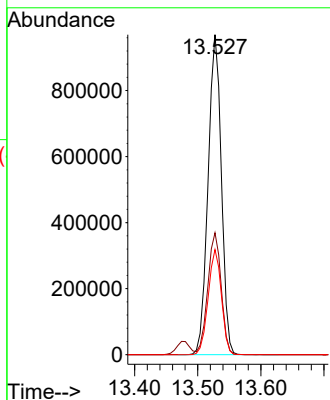
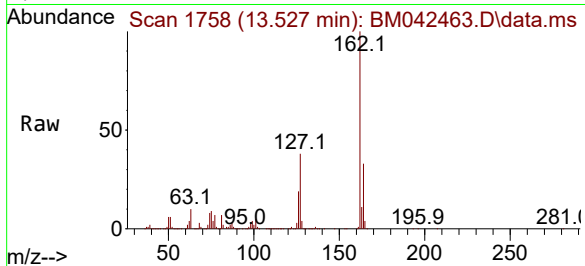




#47
2-Chloronaphthalene
Concen: 52.520 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

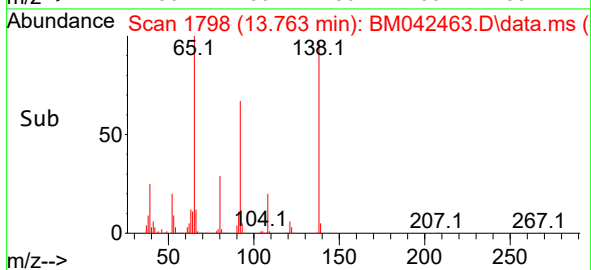
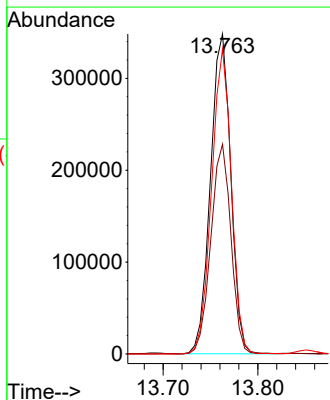
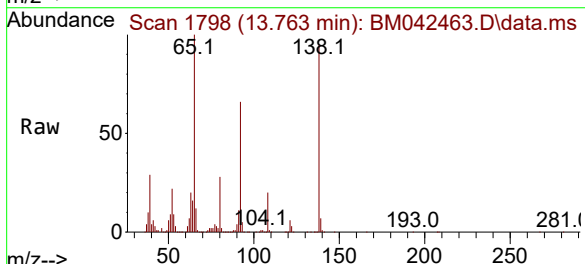
Instrument :
BNA_M
ClientSampleId :
343MSD

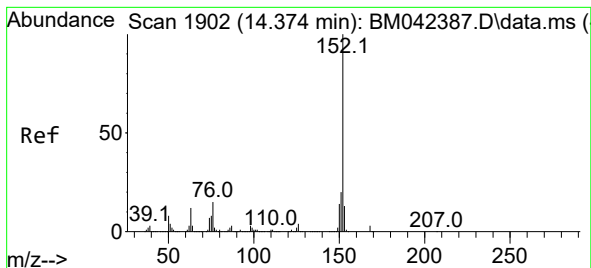
Tgt Ion:162 Resp: 1416009
Ion Ratio Lower Upper
162 100
127 38.1 32.2 48.2
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 43.768 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion: 65 Resp: 517222
Ion Ratio Lower Upper
65 100
92 65.5 49.0 73.6
138 95.3 65.5 98.3





#49

Acenaphthylene

Concen: 53.209 ng

RT: 14.368 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

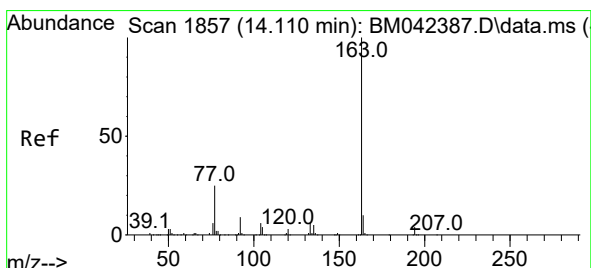
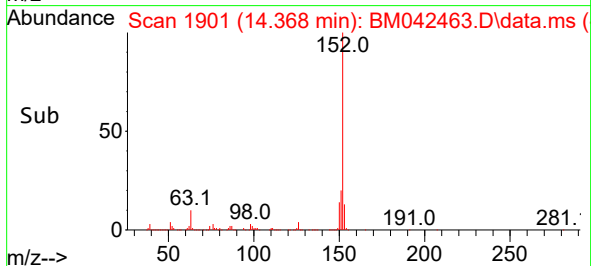
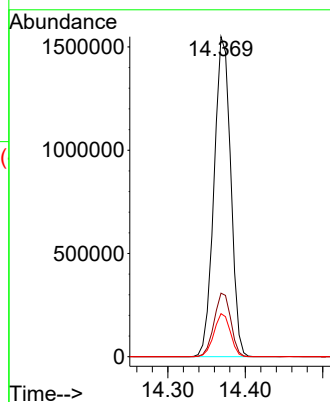
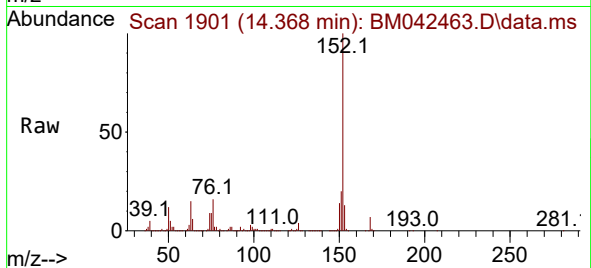
Tgt Ion:152 Resp: 2316045

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 52.719 ng

RT: 14.110 min Scan# 1857

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

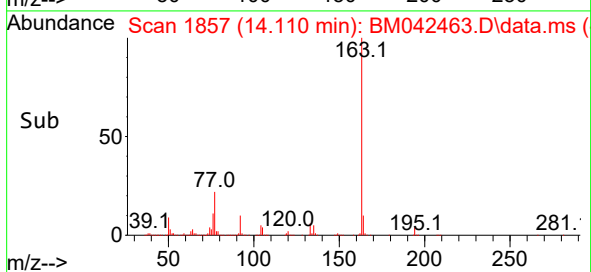
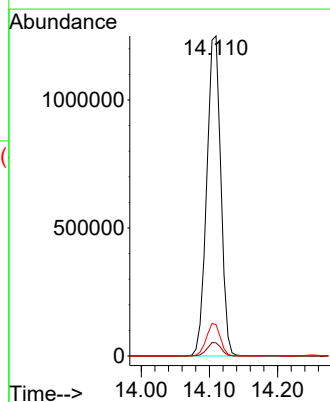
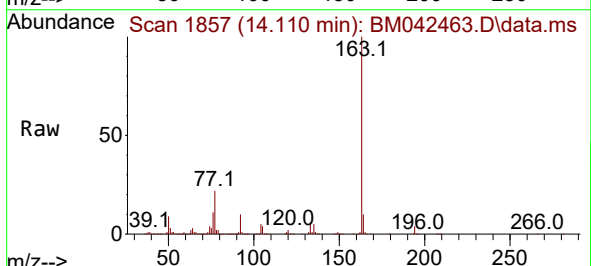
Tgt Ion:163 Resp: 1791337

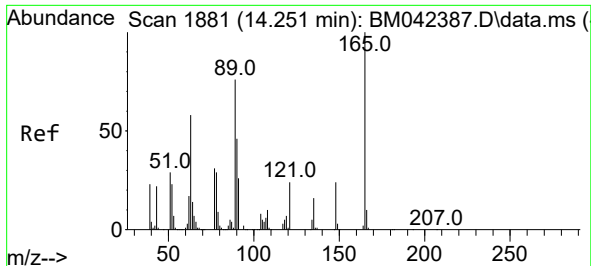
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 9.8 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 50.175 ng

RT: 14.251 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

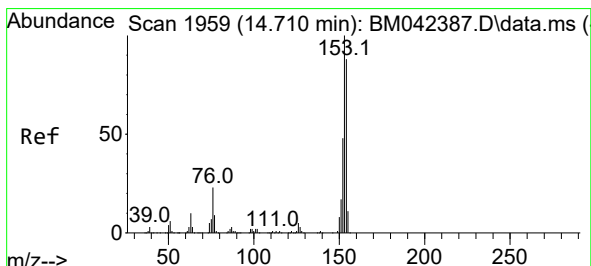
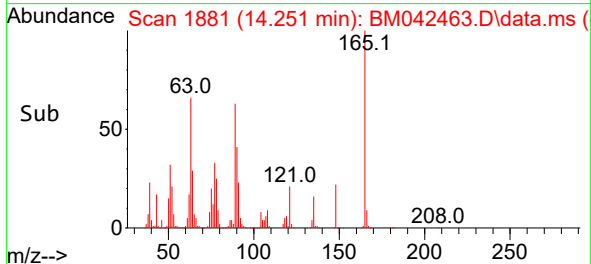
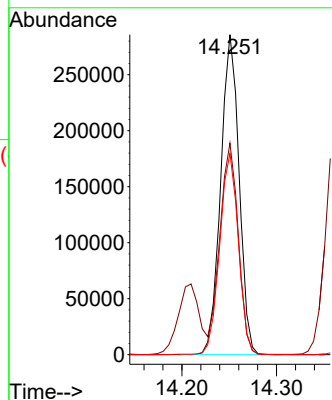
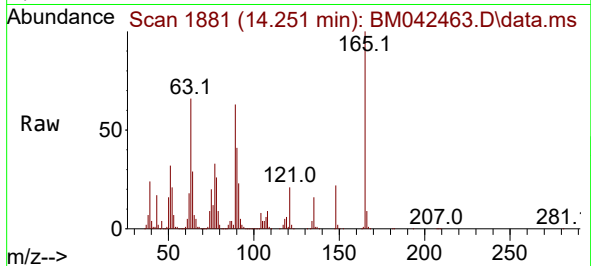
Tgt Ion:165 Resp: 386019

Ion Ratio Lower Upper

165 100

63 66.1 65.3 97.9

89 62.9 60.6 91.0



#52

Acenaphthene

Concen: 50.470 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

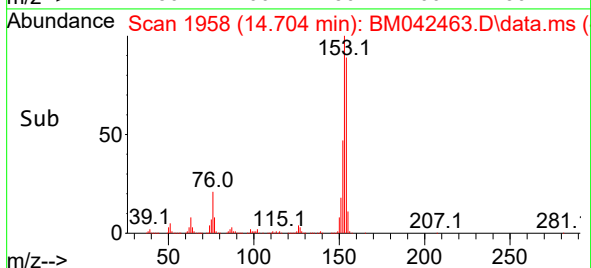
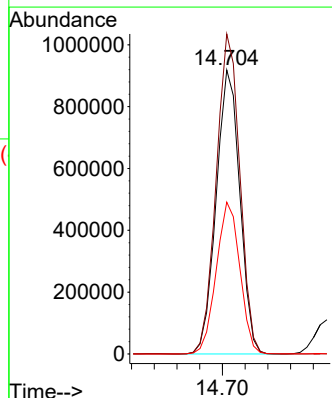
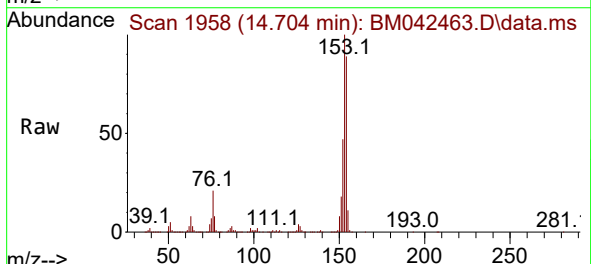
Tgt Ion:154 Resp: 1328126

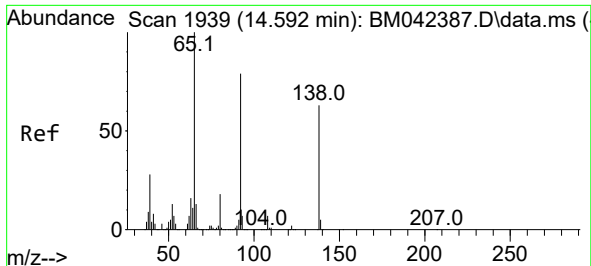
Ion Ratio Lower Upper

154 100

153 112.7 91.1 136.7

152 53.5 44.0 66.0

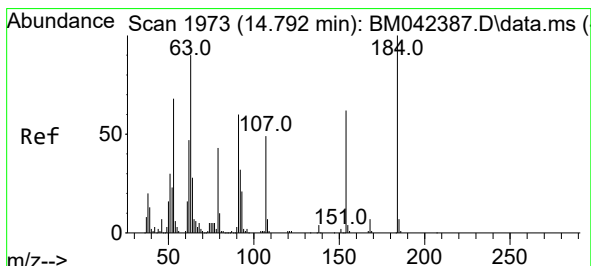
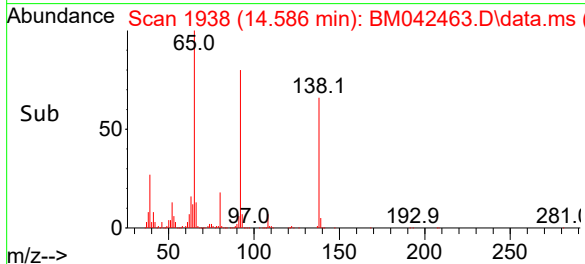
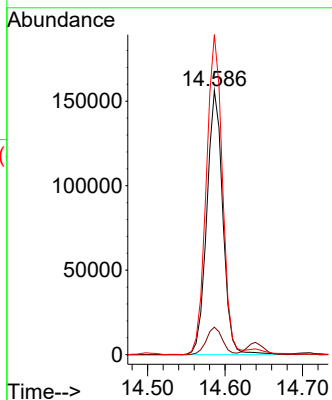
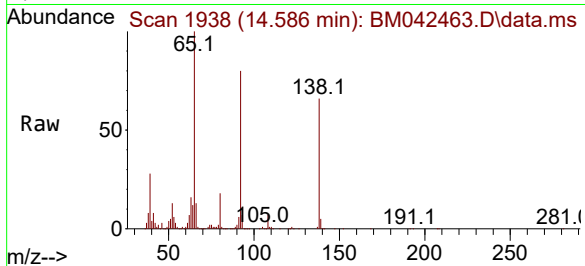




#53
3-Nitroaniline
Concen: 26.310 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

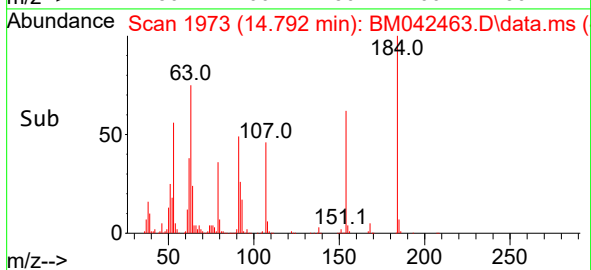
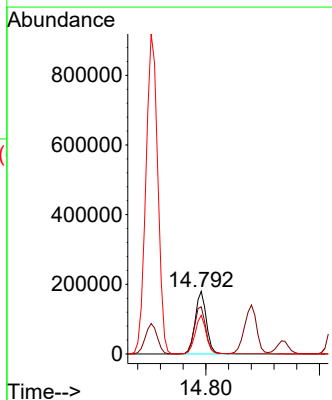
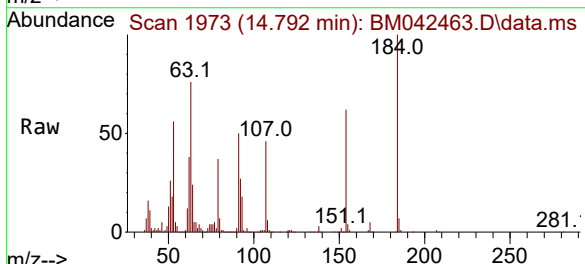
Instrument :
BNA_M
ClientSampleId :
343MSD

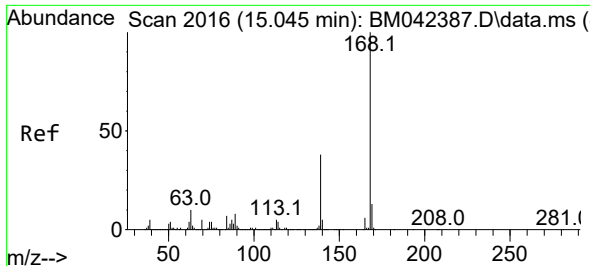
Tgt Ion:138 Resp: 224952
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 121.2 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 55.073 ng
RT: 14.792 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:184 Resp: 248261
Ion Ratio Lower Upper
184 100
63 75.6 72.2 108.2
154 61.8 49.6 74.4

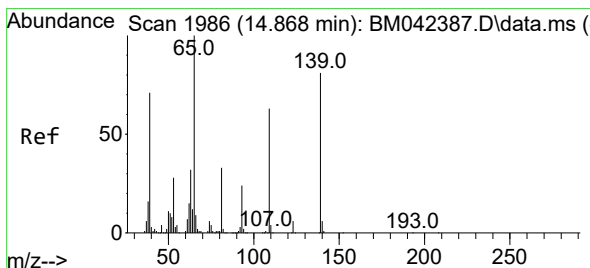
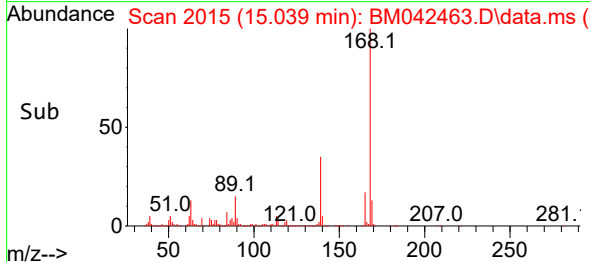
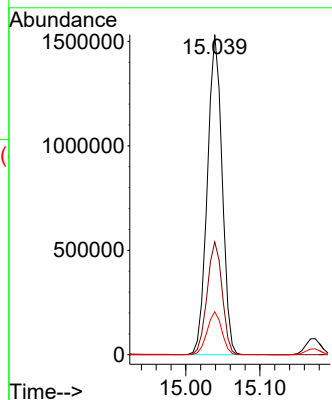
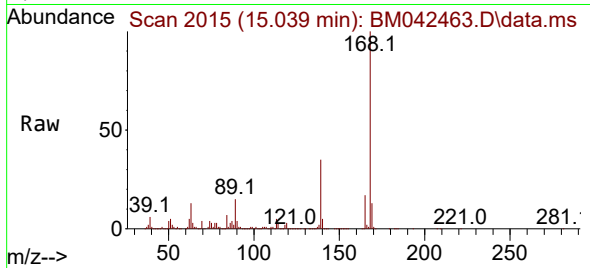




#55
Dibenzenofuran
Concen: 50.872 ng
RT: 15.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

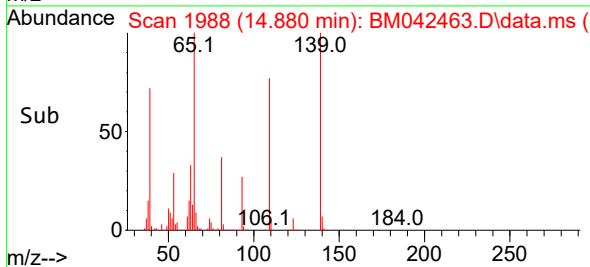
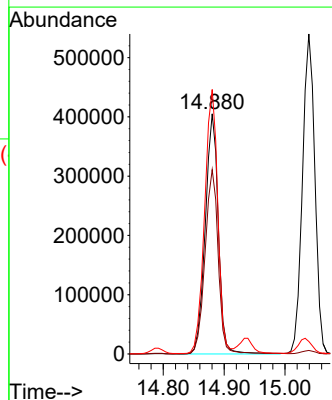
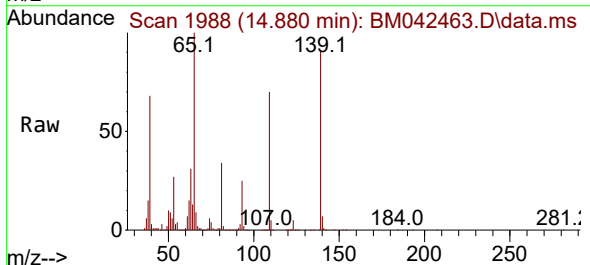
Instrument :
BNA_M
ClientSampleId :
343MSD

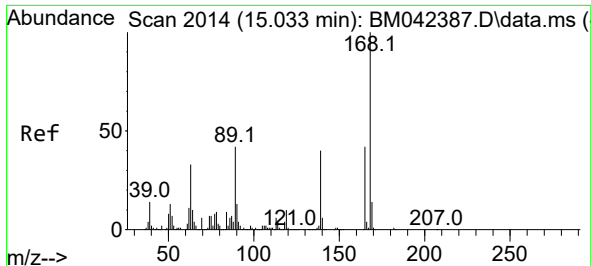
Tgt Ion:168 Resp: 2117369
Ion Ratio Lower Upper
168 100
139 35.2 30.6 46.0
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 87.567 ng
RT: 14.880 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:139 Resp: 606001
Ion Ratio Lower Upper
139 100
109 76.7 58.0 98.0
65 110.1 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 49.348 ng

RT: 15.033 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

Tgt Ion:165 Resp: 507660

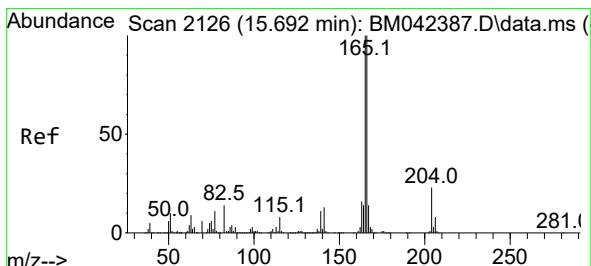
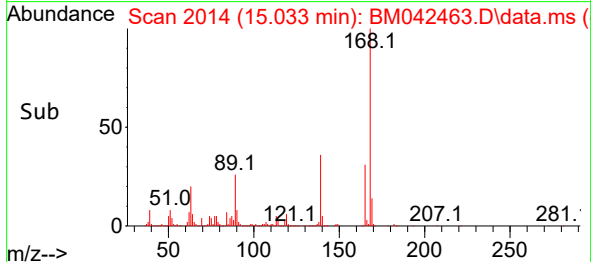
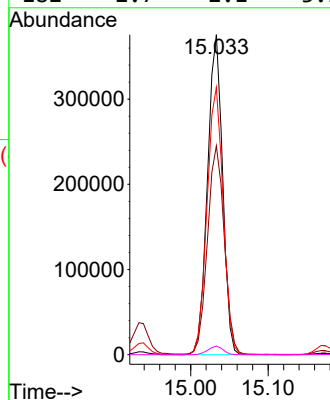
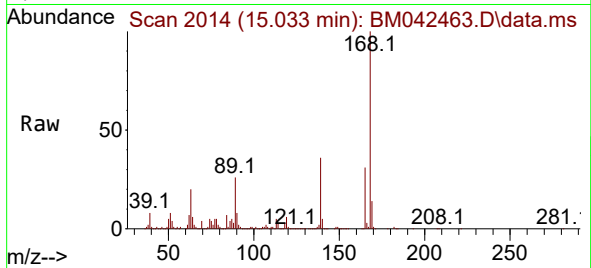
Ion Ratio Lower Upper

165 100

63 65.3 62.9 94.3

89 83.5 80.2 120.2

182 2.7 2.1 3.1



#58

Fluorene

Concen: 51.106 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

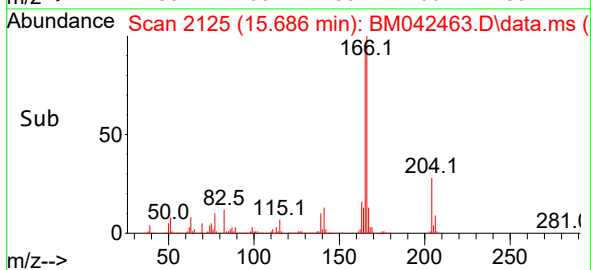
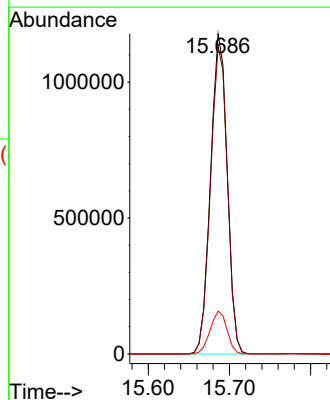
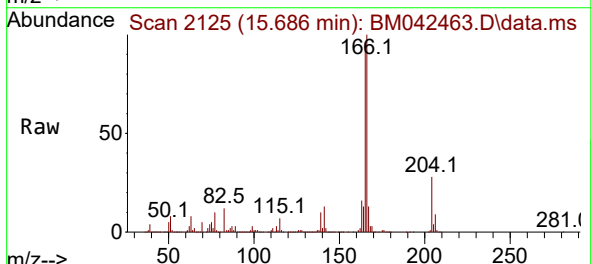
Tgt Ion:166 Resp: 1678512

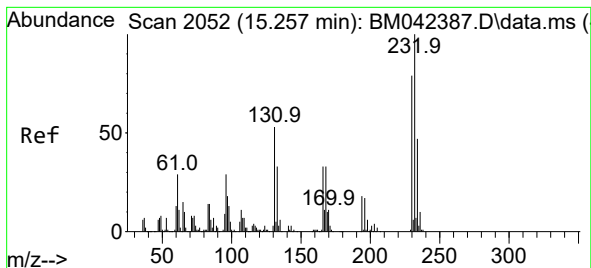
Ion Ratio Lower Upper

166 100

165 96.1 79.6 119.4

167 13.4 10.9 16.3

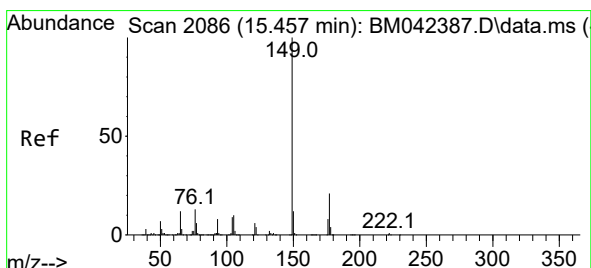
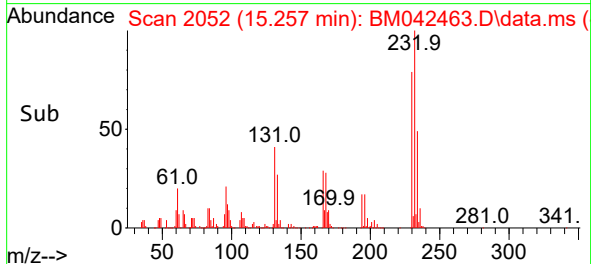
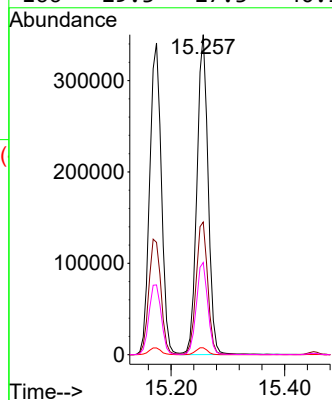
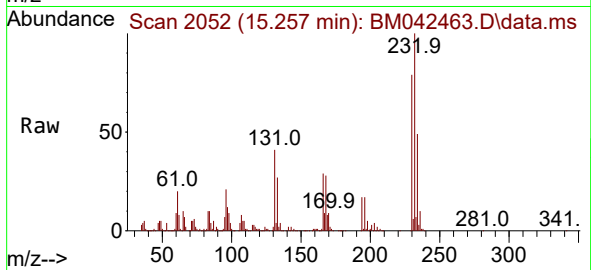




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.350 ng
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

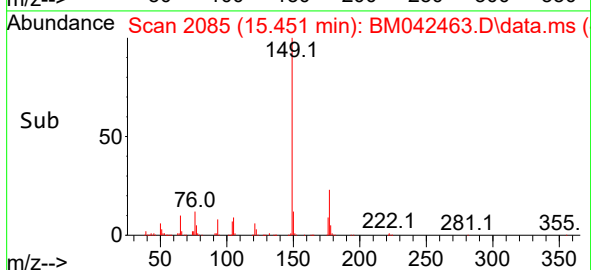
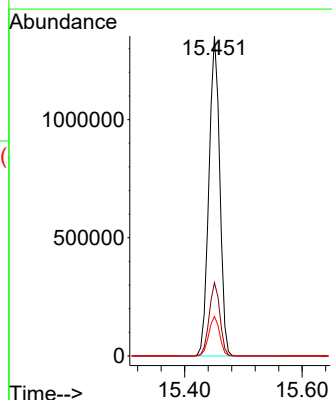
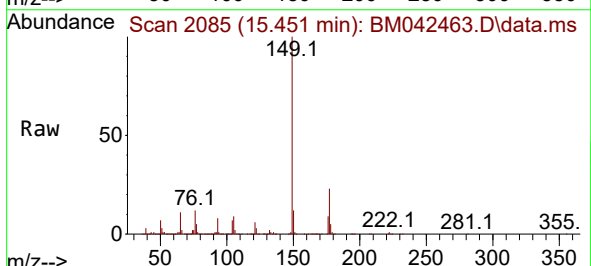
Instrument :
BNA_M
ClientSampleId :
343MSD

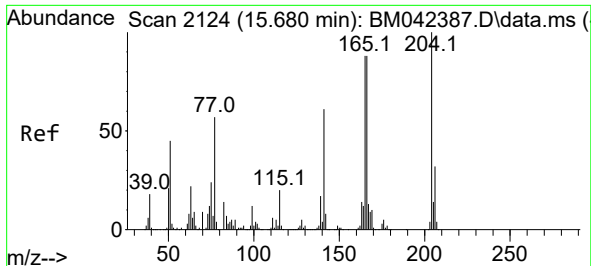
Tgt Ion:232 Resp: 480026
Ion Ratio Lower Upper
232 100
131 42.9 42.8 64.2
130 2.3 2.2 3.2
166 29.3 27.3 40.9



#60
Diethylphthalate
Concen: 51.578 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:149 Resp: 1729495
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.4 9.8 14.6

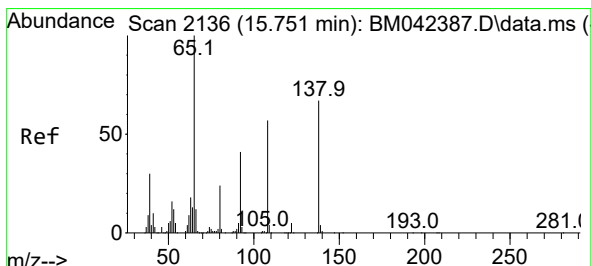
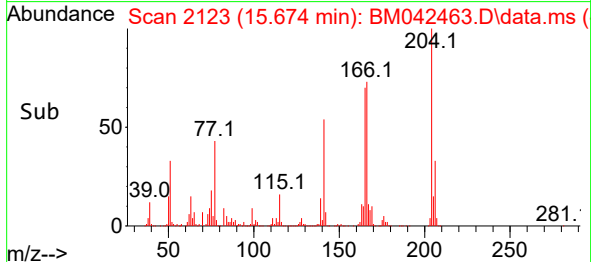
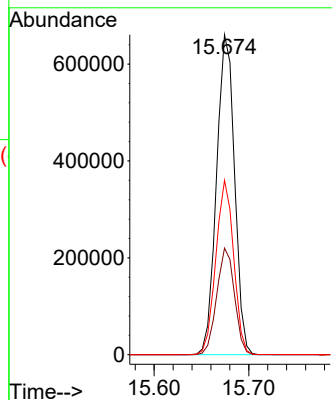
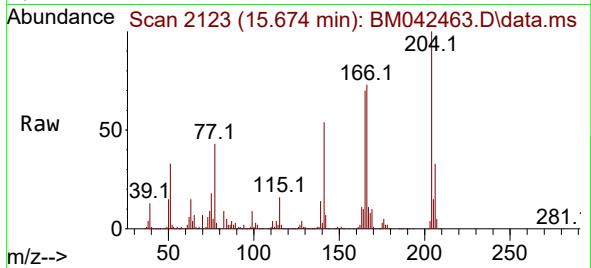




#61
4-Chlorophenyl-phenylether
Concen: 56.650 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

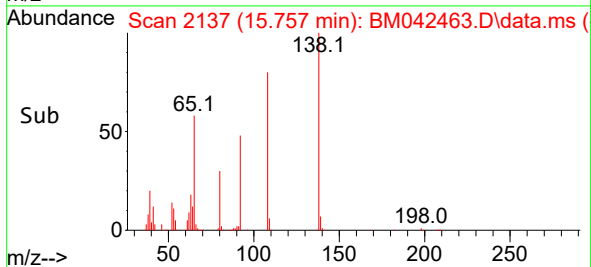
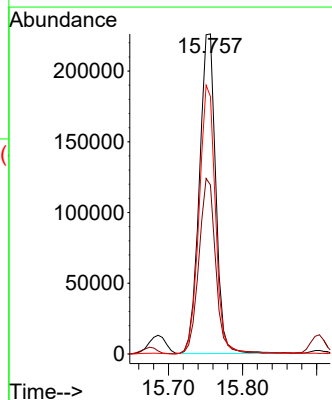
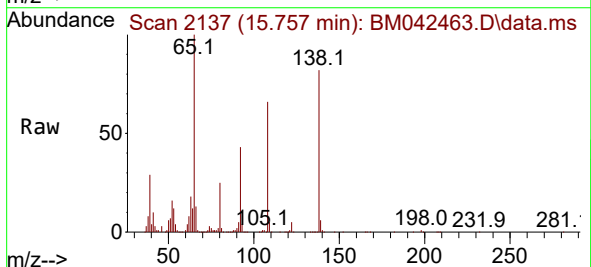
Instrument :
BNA_M
ClientSampleId :
343MSD

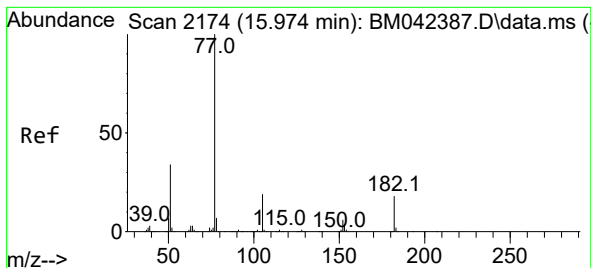
Tgt Ion:204 Resp: 876233
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.0
141 54.5 49.1 73.7



#62
4-Nitroaniline
Concen: 40.487 ng
RT: 15.757 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:138 Resp: 347793
Ion Ratio Lower Upper
138 100
92 52.8 40.4 80.4
108 80.5 65.3 105.3





#63

Azobenzene

Concen: 45.620 ng

RT: 15.968 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

Tgt Ion: 77 Resp: 1835290

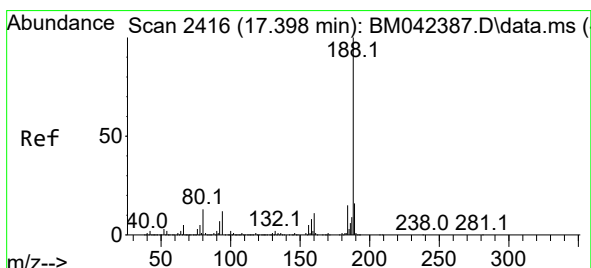
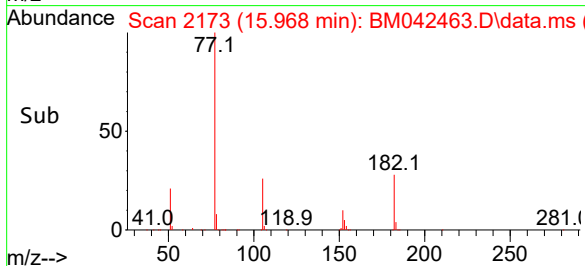
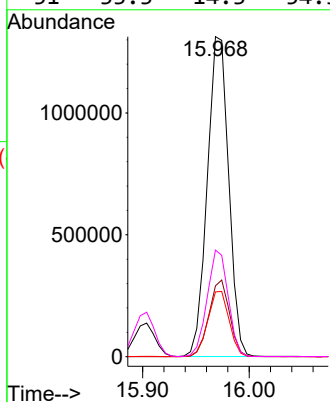
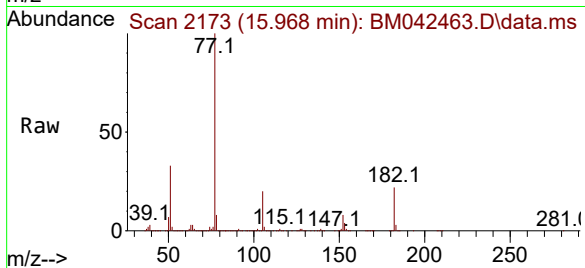
Ion Ratio Lower Upper

77 100

182 22.2 0.0 37.7

105 20.2 0.0 38.9

51 33.3 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

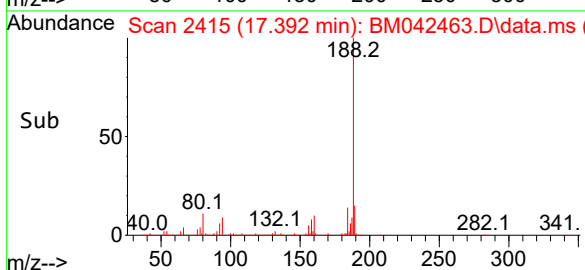
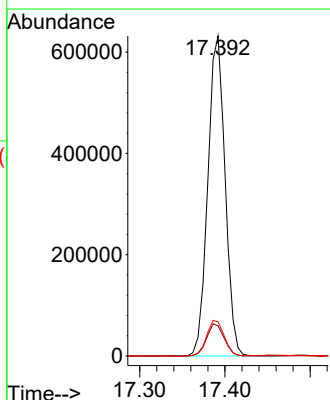
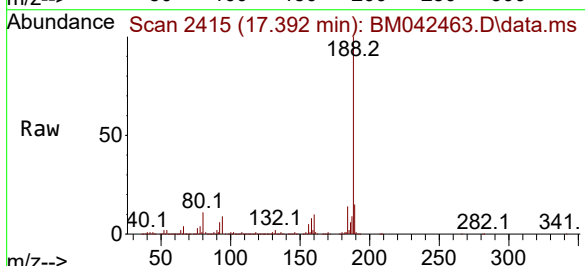
Tgt Ion:188 Resp: 888738

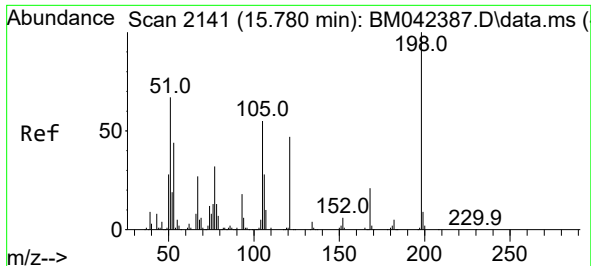
Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.0

80 10.7 10.7 16.1#

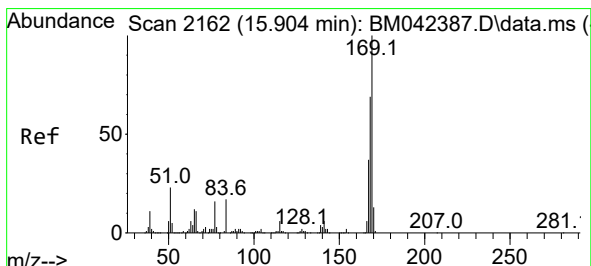
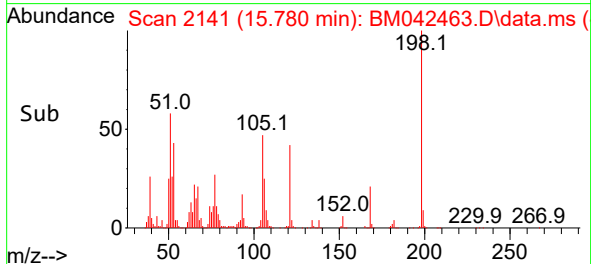
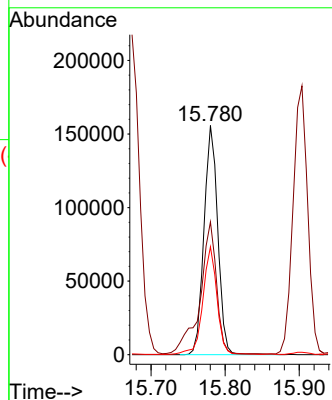
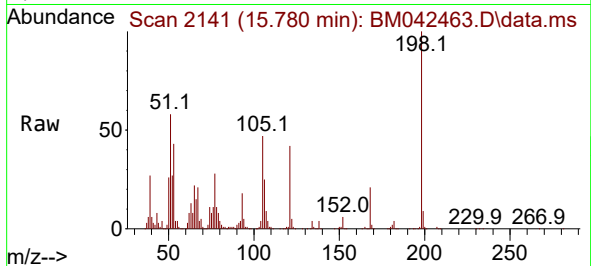




#65
4,6-Dinitro-2-methylphenol
Concen: 36.976 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

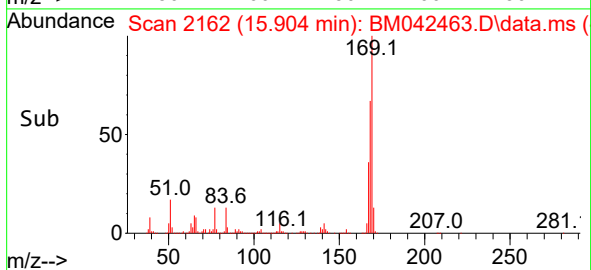
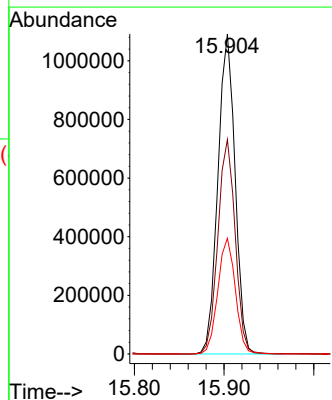
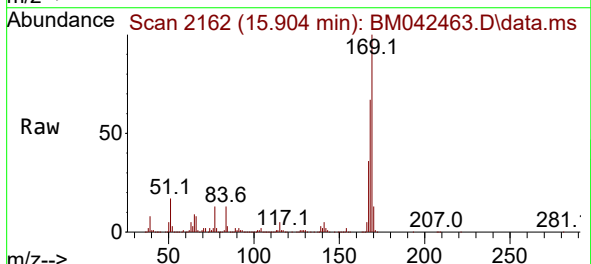
Instrument :
BNA_M
ClientSampleId :
343MSD

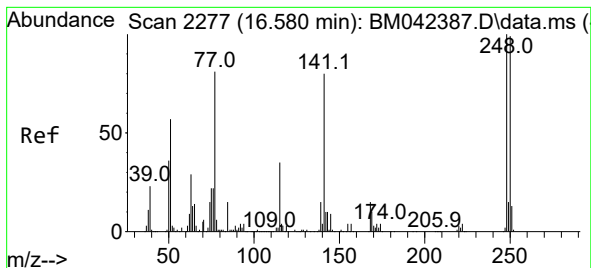
Tgt Ion:198 Resp: 200820
Ion Ratio Lower Upper
198 100
51 58.0 54.1 94.1
105 47.1 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 54.228 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:169 Resp: 1451604
Ion Ratio Lower Upper
169 100
168 67.0 55.4 83.2
167 36.2 29.9 44.9

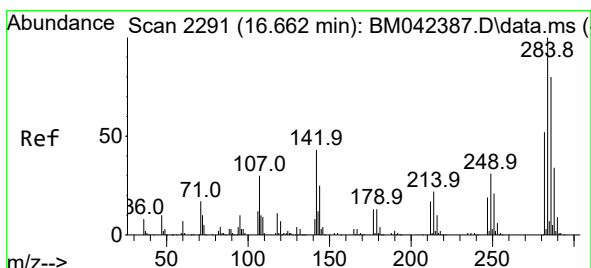
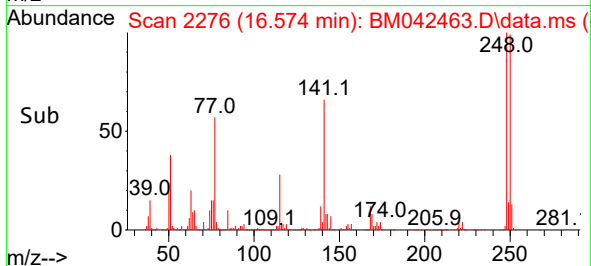
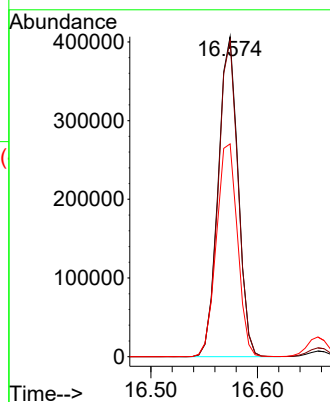
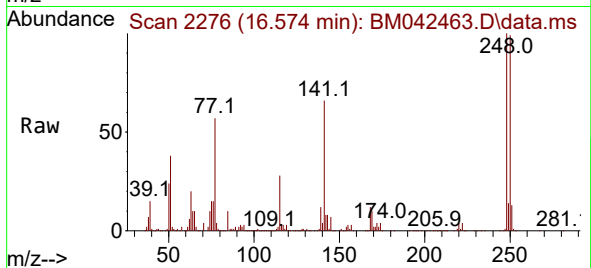




#67
4-Bromophenyl-phenylether
Concen: 63.798 ng
RT: 16.574 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

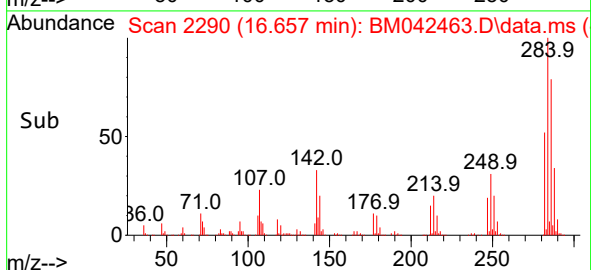
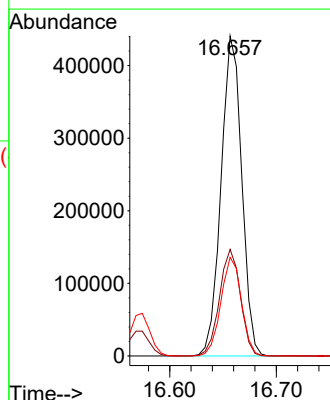
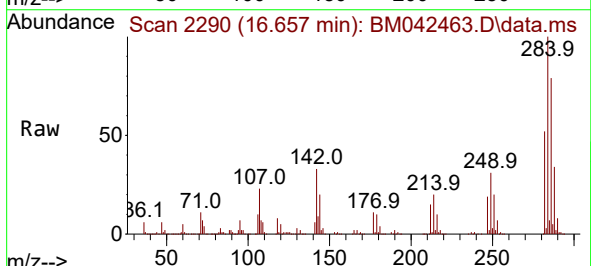
Instrument :
BNA_M
ClientSampleId :
343MSD

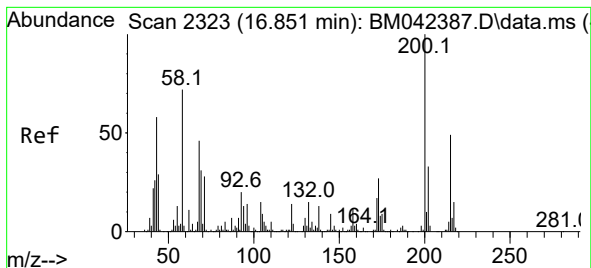
Tgt Ion:248 Resp: 525503
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.2
141 66.5 64.3 96.5



#68
Hexachlorobenzene
Concen: 67.391 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:284 Resp: 593351
Ion Ratio Lower Upper
284 100
142 33.3 34.2 51.2#
249 30.8 24.7 37.1





#69

Atrazine

Concen: 76.772 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

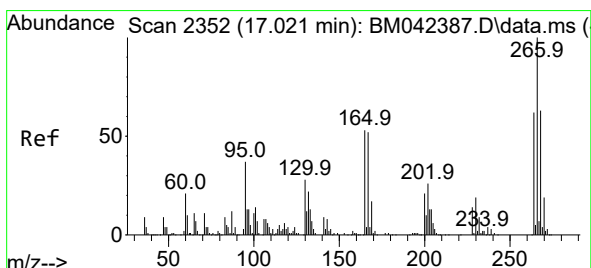
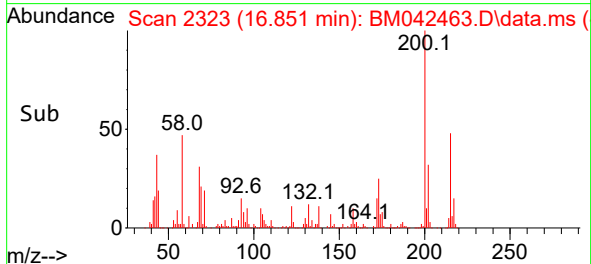
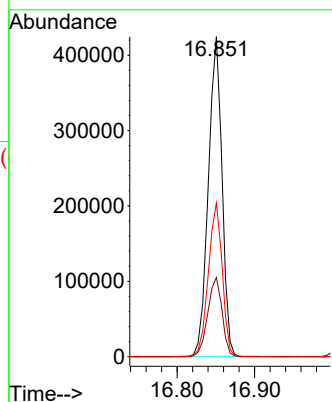
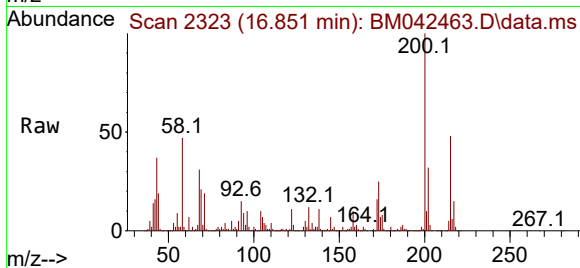
Tgt Ion:200 Resp: 521153

Ion Ratio Lower Upper

200 100

173 24.8 6.6 46.6

215 48.1 28.6 68.6



#70

Pentachlorophenol

Concen: 100.245 ng

RT: 17.021 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

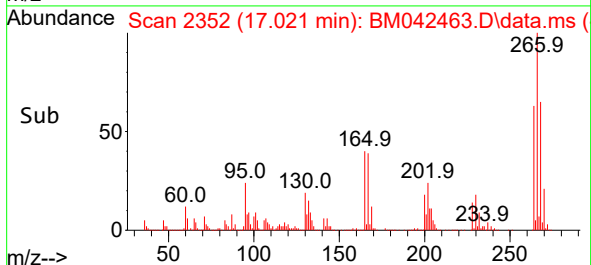
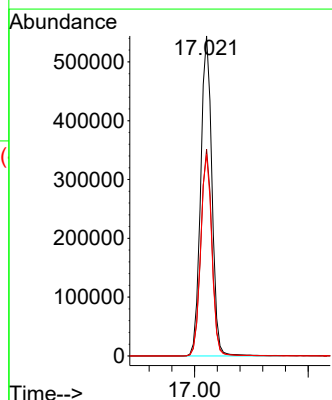
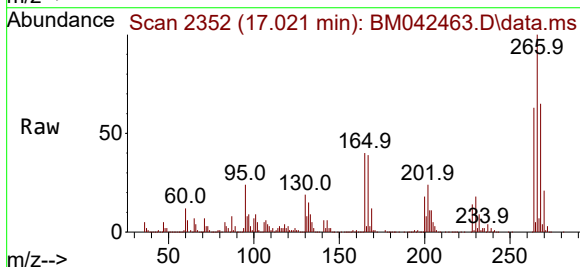
Tgt Ion:266 Resp: 748856

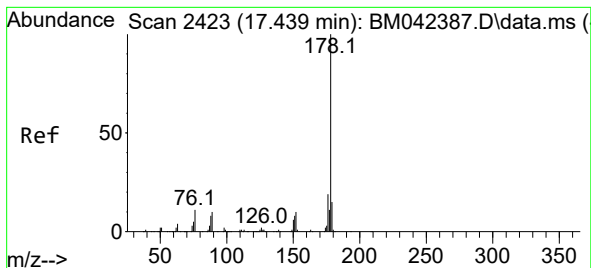
Ion Ratio Lower Upper

266 100

268 64.6 50.6 76.0

264 63.1 49.4 74.0





#71

Phenanthrene

Concen: 51.586 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

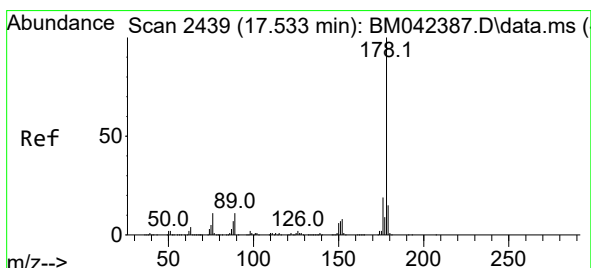
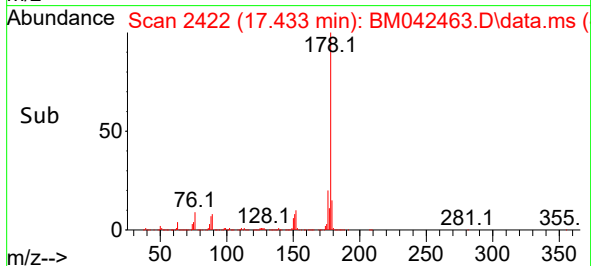
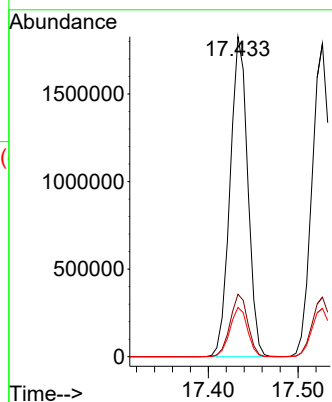
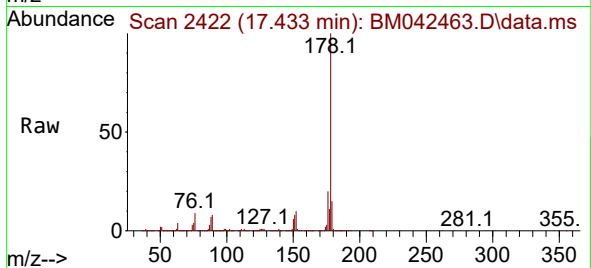
Tgt Ion:178 Resp: 2494053

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 52.245 ng

RT: 17.527 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

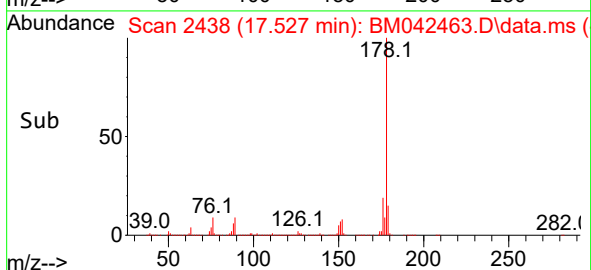
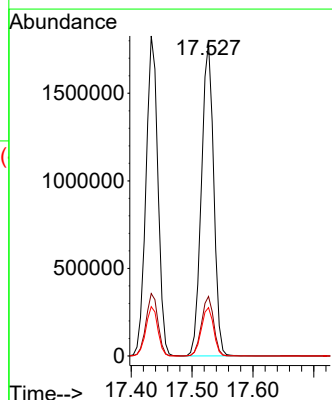
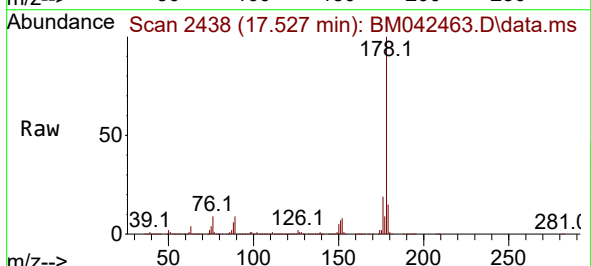
Tgt Ion:178 Resp: 2501611

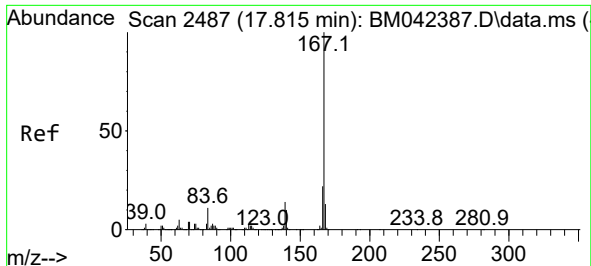
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.4 12.1 18.1

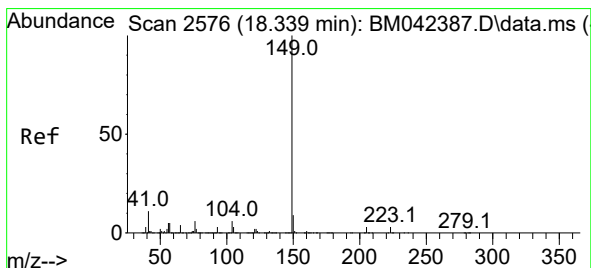
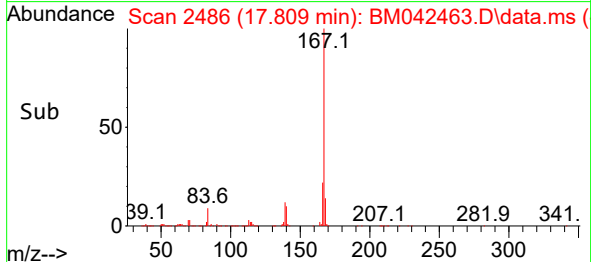
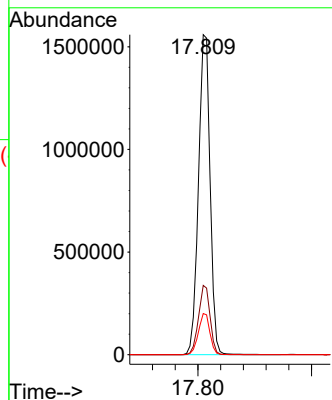
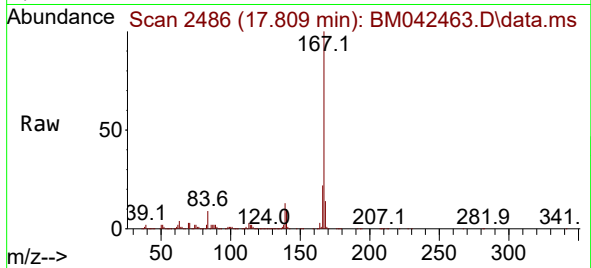




#73
 Carbazole
 Concen: 49.364 ng
 RT: 17.809 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM042463.D
 Acq: 26 Oct 2023 21:38

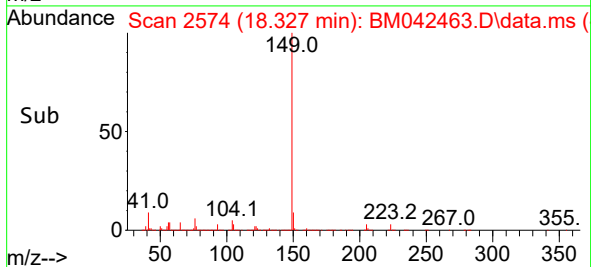
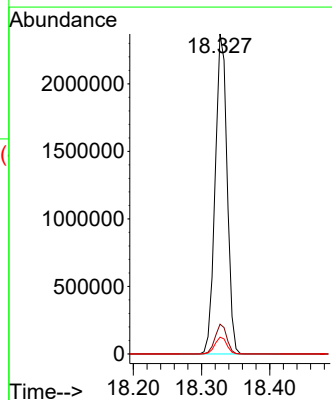
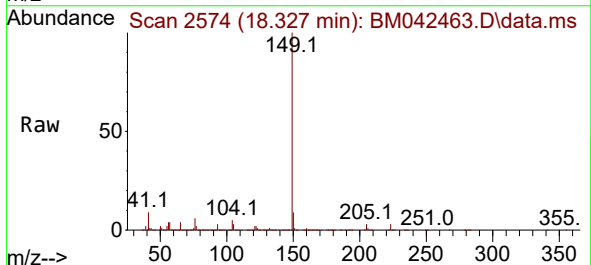
Instrument :
 BNA_M
 ClientSampleId :
 343MSD

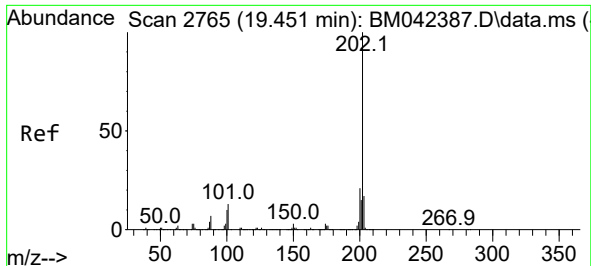
Tgt Ion:167 Resp: 2217421
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 50.556 ng
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.012 min
 Lab File: BM042463.D
 Acq: 26 Oct 2023 21:38

Tgt Ion:149 Resp: 2884776
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.6 7.0

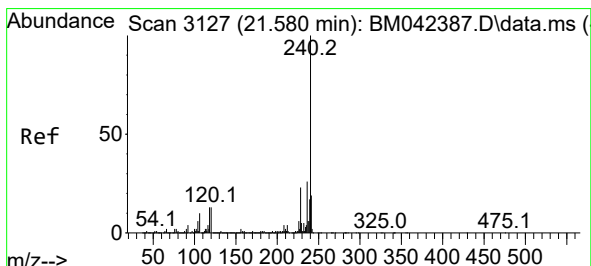
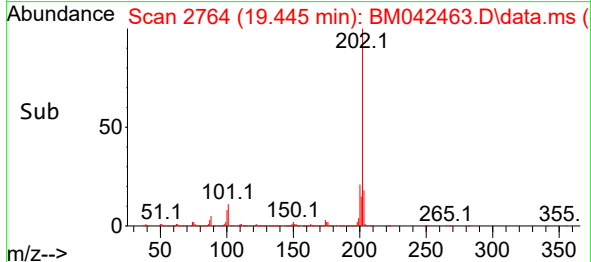
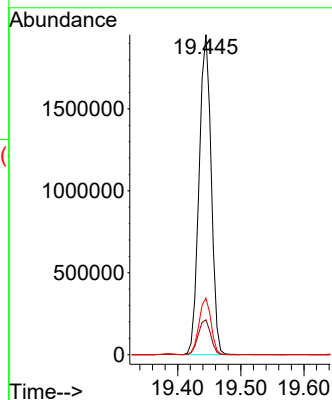
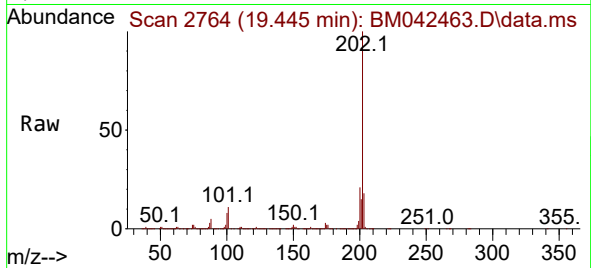




#75
Fluoranthene
Concen: 48.695 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

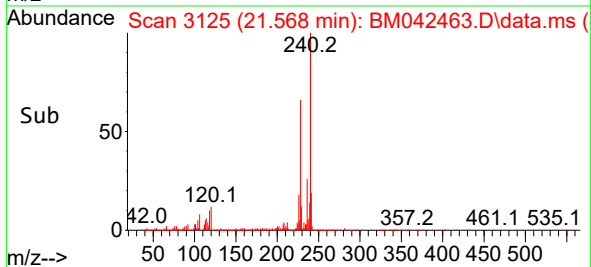
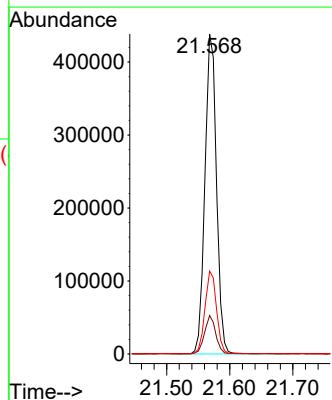
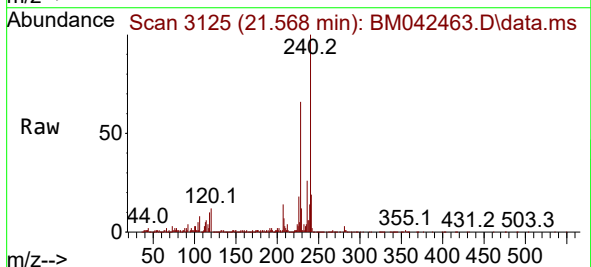
Instrument :
BNA_M
ClientSampleId :
343MSD

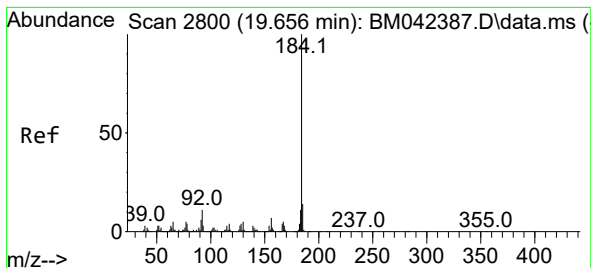
Tgt Ion:202 Resp: 2592877
Ion Ratio Lower Upper
202 100
101 10.9 0.0 33.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:240 Resp: 558625
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 25.9 20.7 31.1





#77

Benzidine

Concen: 102.649 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

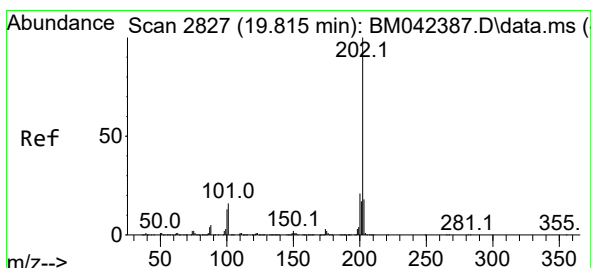
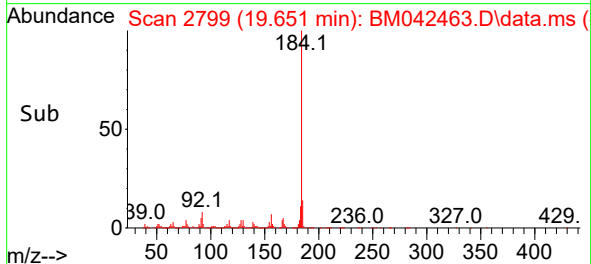
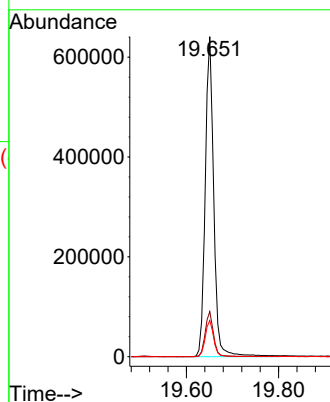
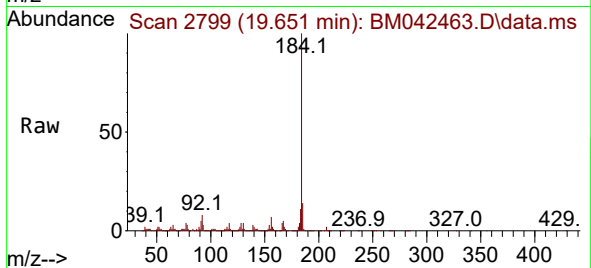
Tgt Ion:184 Resp: 829410

Ion Ratio Lower Upper

184 100

185 14.1 11.5 17.3

183 11.3 9.2 13.8



#78

Pyrene

Concen: 66.677 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

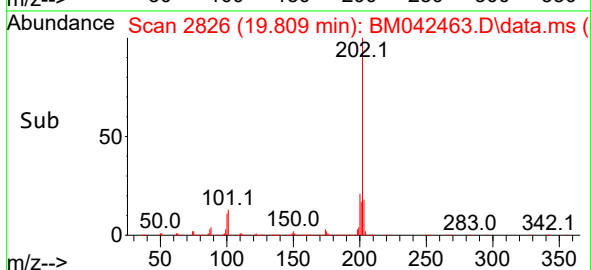
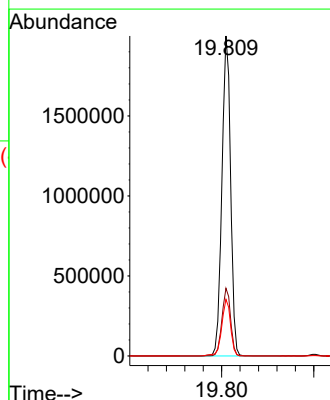
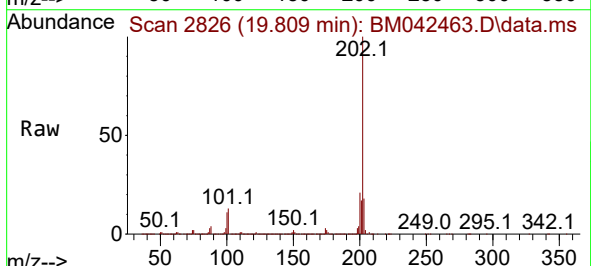
Tgt Ion:202 Resp: 2602824

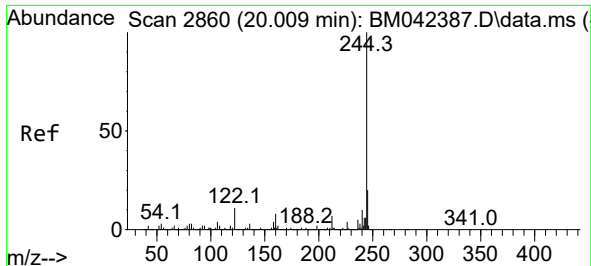
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.7 14.1 21.1

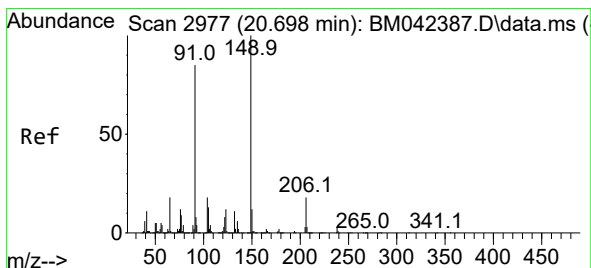
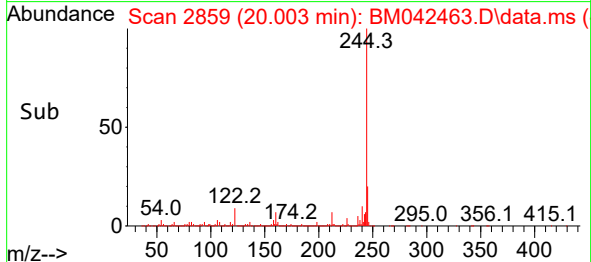
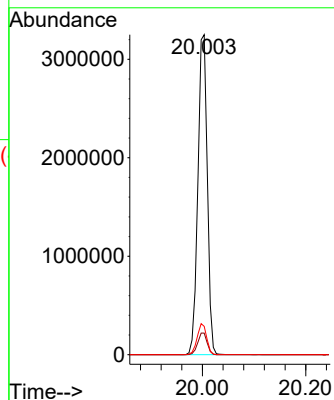
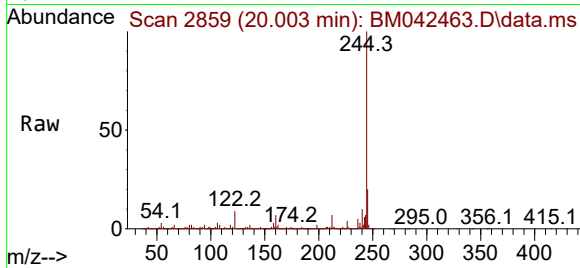




#79
 Terphenyl-d14
 Concen: 130.140 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042463.D
 Acq: 26 Oct 2023 21:38

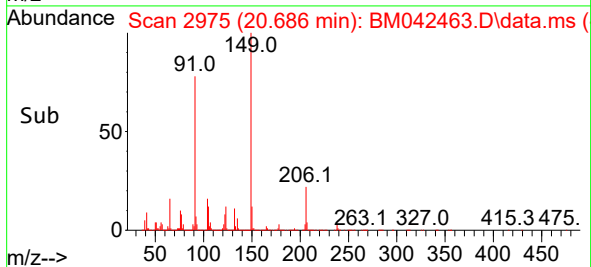
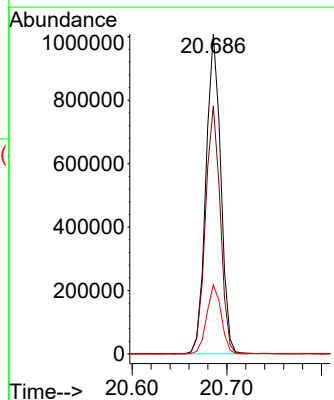
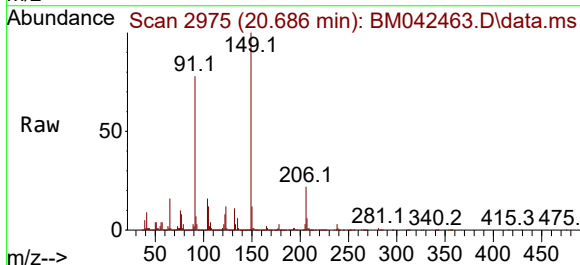
Instrument :
 BNA_M
 ClientSampleId :
 343MSD

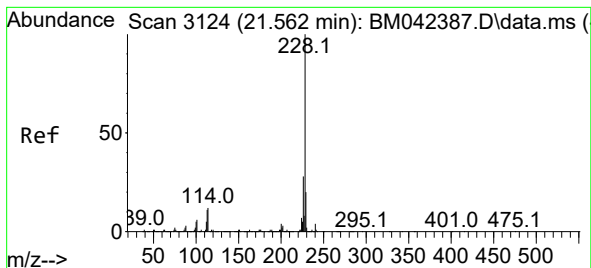
Tgt Ion:244 Resp: 4099222
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 60.796 ng
 RT: 20.686 min Scan# 2975
 Delta R.T. -0.012 min
 Lab File: BM042463.D
 Acq: 26 Oct 2023 21:38

Tgt Ion:149 Resp: 1092279
 Ion Ratio Lower Upper
 149 100
 91 77.5 68.3 102.5
 206 21.6 14.6 22.0





#81

Benzo(a)anthracene

Concen: 54.683 ng

RT: 21.550 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

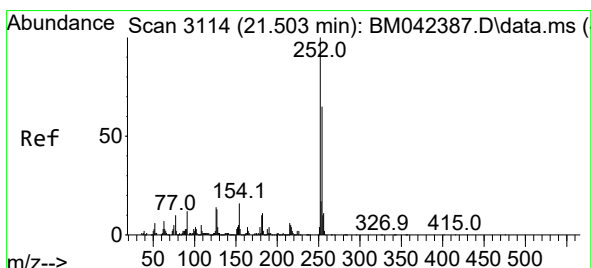
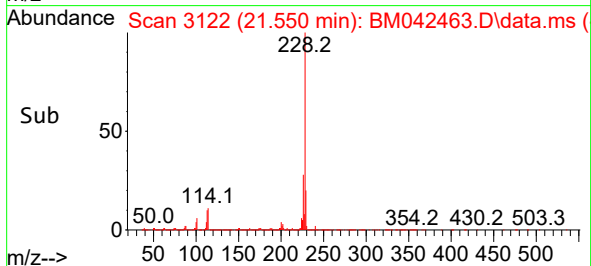
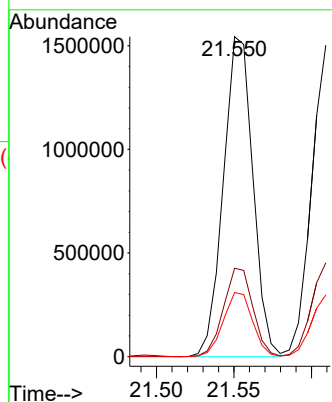
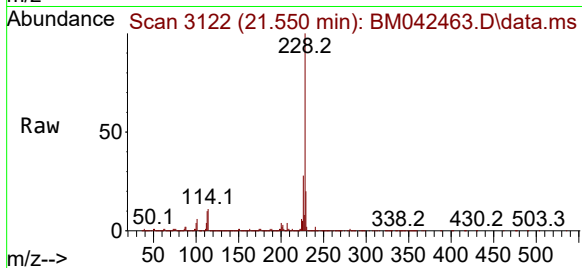
Tgt Ion:228 Resp: 2047840

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 46.814 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.011 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

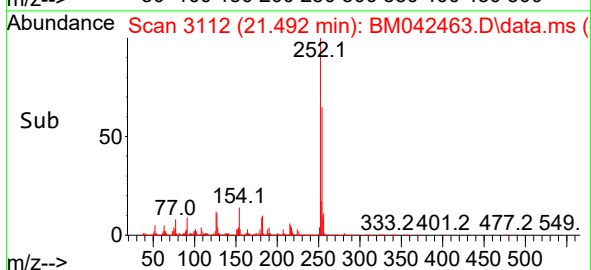
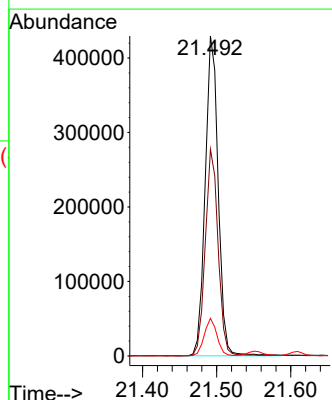
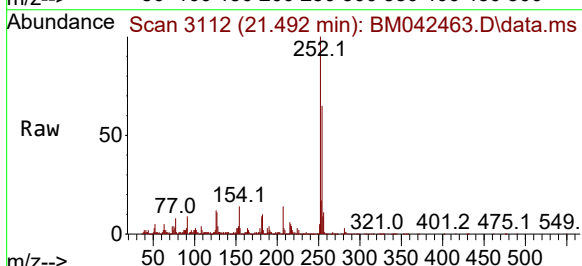
Tgt Ion:252 Resp: 523344

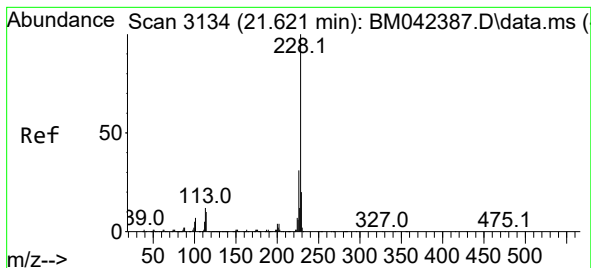
Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

126 11.8 11.4 17.2





#83

Chrysene

Concen: 51.092 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

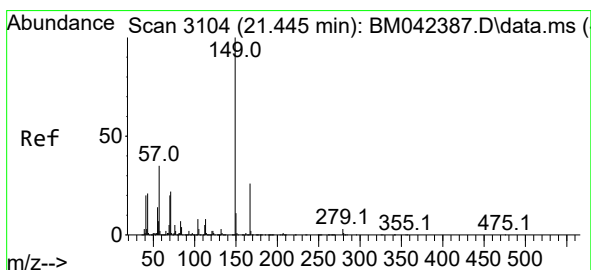
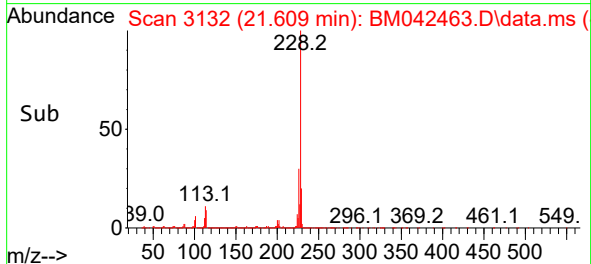
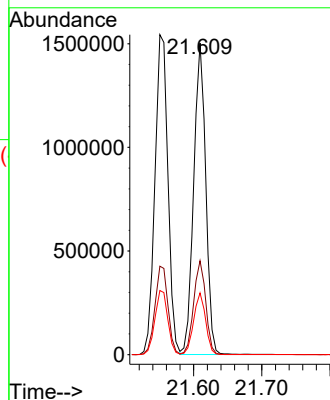
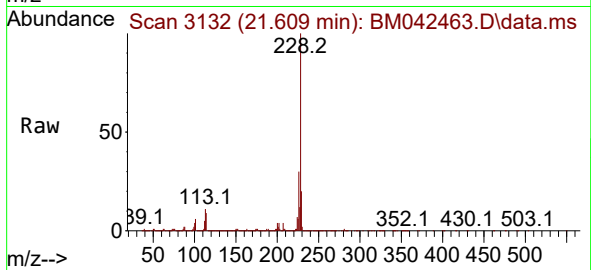
Tgt Ion:228 Resp: 1837694

Ion Ratio Lower Upper

228 100

226 30.1 24.6 36.8

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.499 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

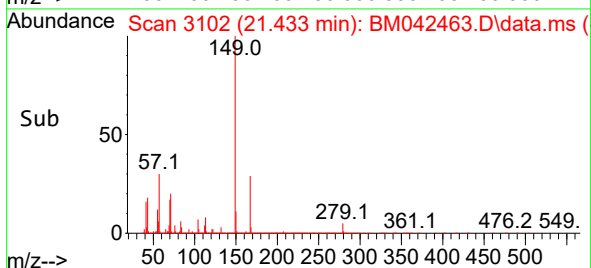
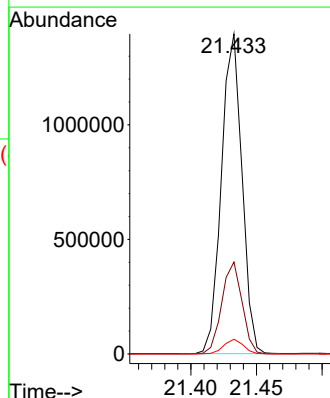
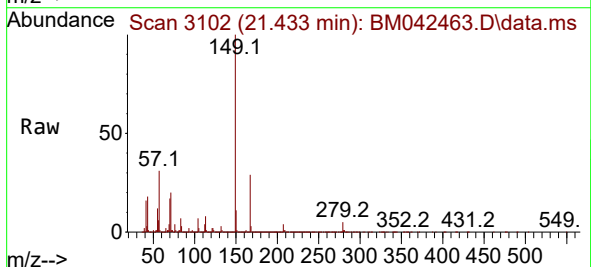
Tgt Ion:149 Resp: 1518555

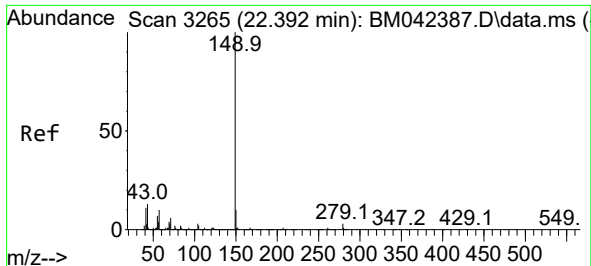
Ion Ratio Lower Upper

149 100

167 28.7 20.9 31.3

279 4.6 2.7 4.1#

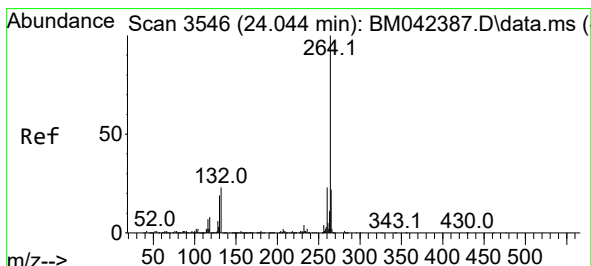
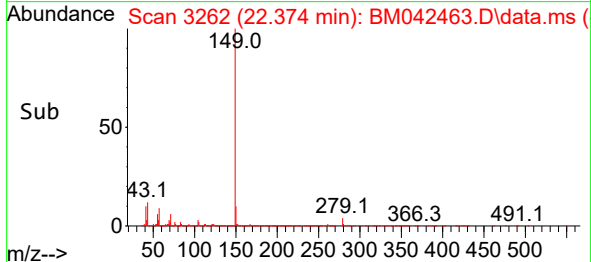
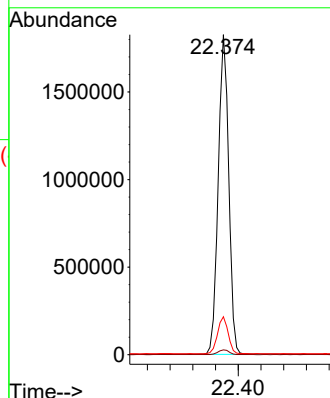
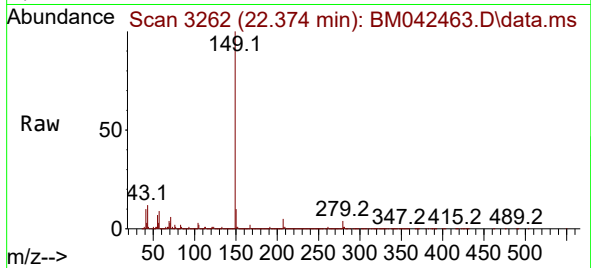




#85
Di-n-octyl phthalate
Concen: 53.308 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

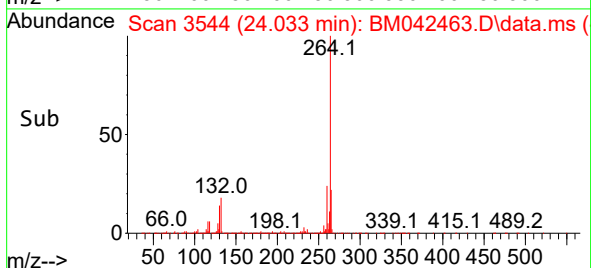
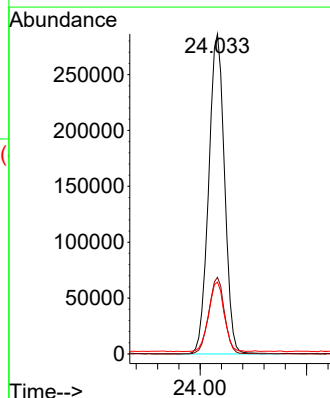
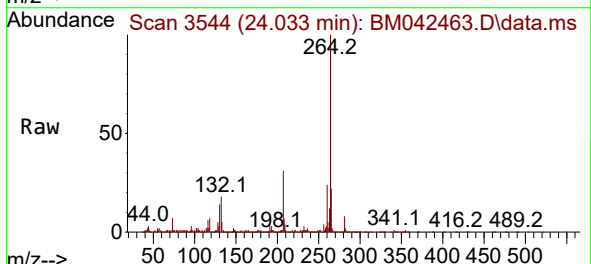
Instrument :
BNA_M
ClientSampleId :
343MSD

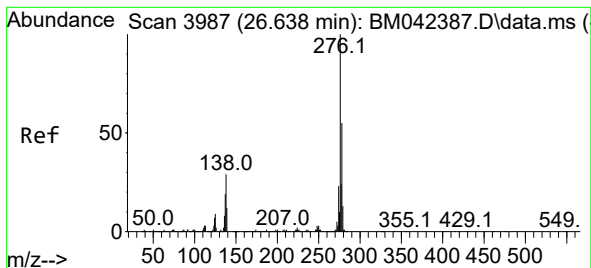
Tgt Ion:149 Resp: 2333387
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:264 Resp: 592534
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 22.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.607 ng

RT: 26.621 min Scan# 3423

Delta R.T. -0.018 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

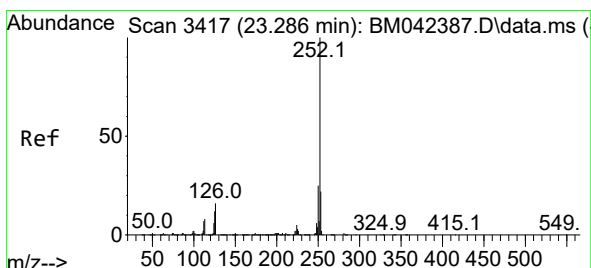
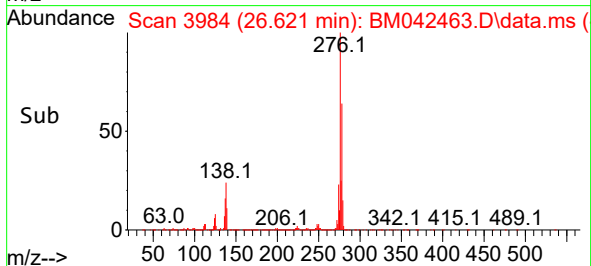
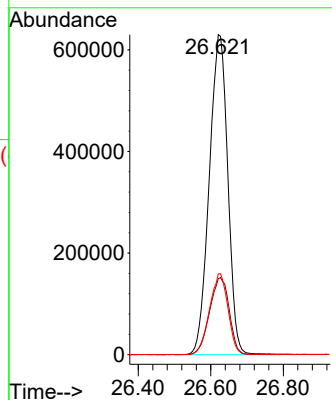
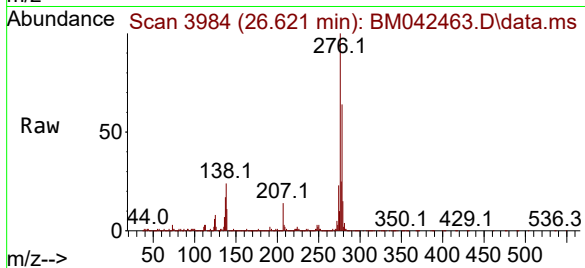
Tgt Ion:276 Resp: 2234692

Ion Ratio Lower Upper

276 100

138 25.4 25.6 38.4#

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 49.134 ng

RT: 23.321 min Scan# 3423

Delta R.T. 0.035 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

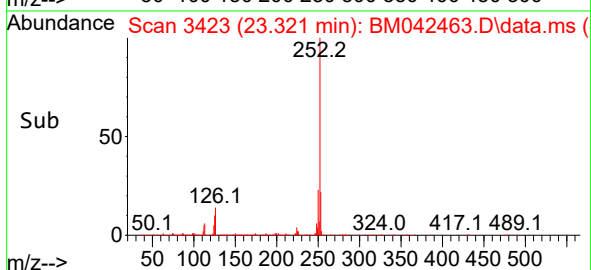
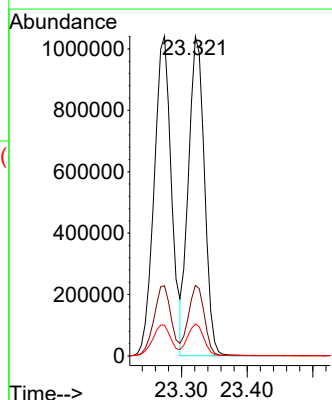
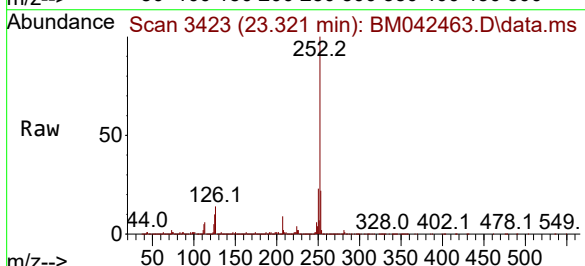
Tgt Ion:252 Resp: 1752422

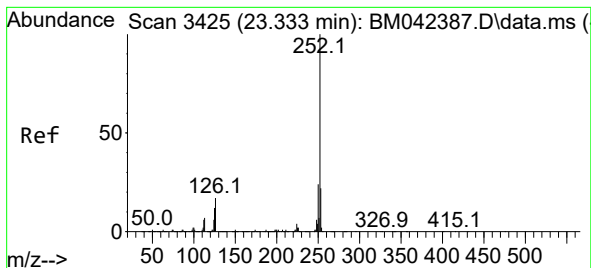
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.0 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 47.325 ng

RT: 23.321 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

Instrument :

BNA_M

ClientSampleId :

343MSD

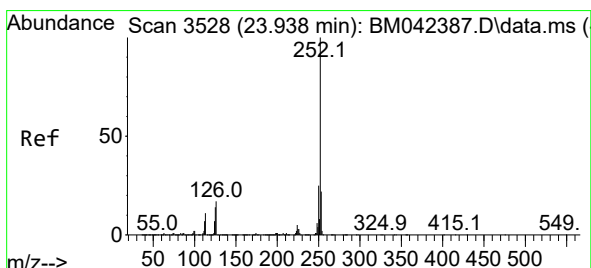
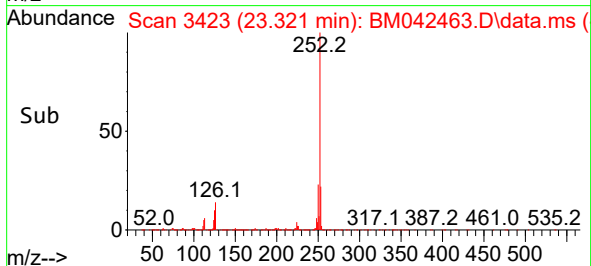
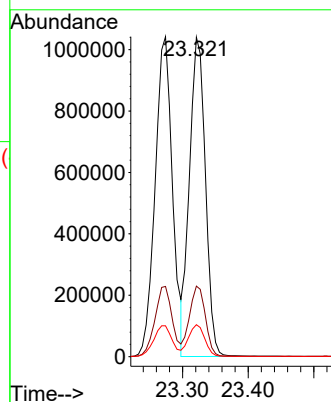
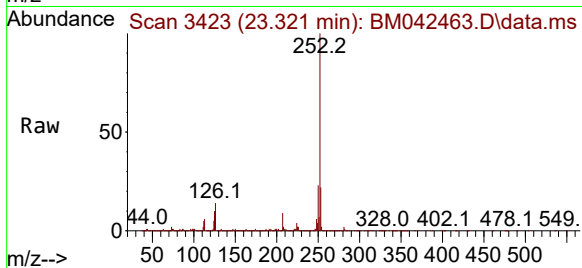
Tgt Ion:252 Resp: 1752422

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 10.0 10.2 15.2#



#90

Benzo(a)pyrene

Concen: 48.522 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.018 min

Lab File: BM042463.D

Acq: 26 Oct 2023 21:38

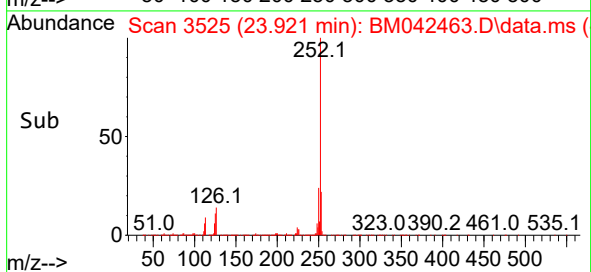
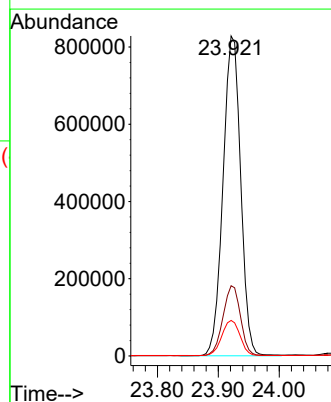
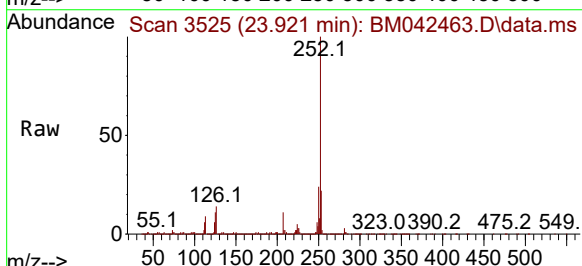
Tgt Ion:252 Resp: 1665709

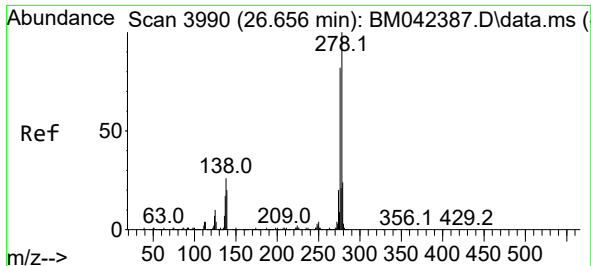
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 11.1 10.9 16.3

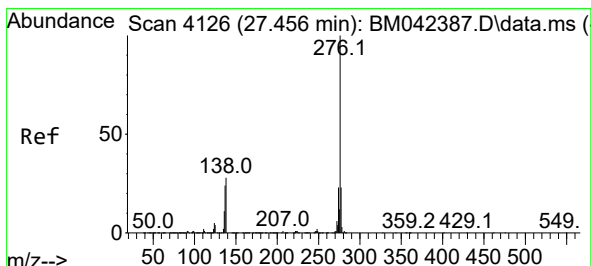
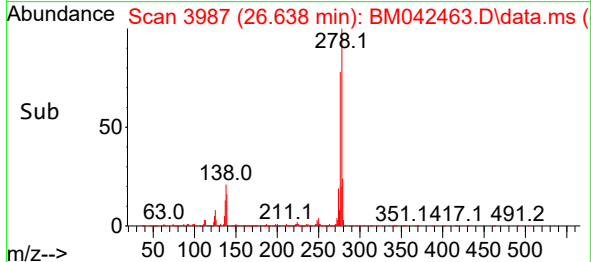
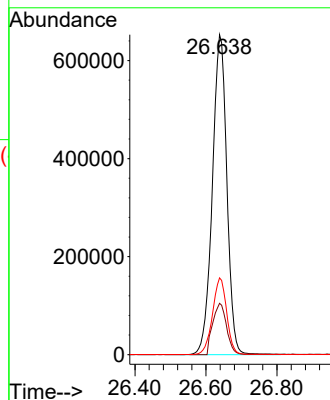
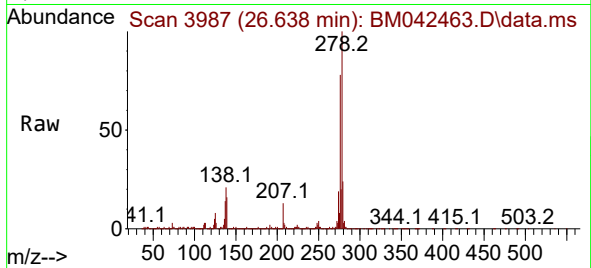




#91
Dibenzo(a,h)anthracene
Concen: 51.453 ng
RT: 26.638 min Scan# 3990
Delta R.T. -0.018 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Instrument :
BNA_M
ClientSampleId :
343MSD

Tgt Ion:278 Resp: 1852435
Ion Ratio Lower Upper
278 100
139 16.0 15.6 23.4
279 24.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 51.098 ng
RT: 27.432 min Scan# 4122
Delta R.T. -0.024 min
Lab File: BM042463.D
Acq: 26 Oct 2023 21:38

Tgt Ion:276 Resp: 1786596
Ion Ratio Lower Upper
276 100
277 23.9 18.3 27.5
138 23.0 22.6 34.0

