

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042462.D
 Acq On : 26 Oct 2023 21:01
 Operator : MA/JU
 Sample : 05010-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 343MS

Quant Time: Oct 27 00:46:18 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	7.998	152	193813	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	765406	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	419248	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	786860	20.000	ng	0.00
76) Chrysene-d12	21.568	240	517759	20.000	ng	-0.01
86) Perylene-d12	24.033	264	570737	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1718492	125.315	ng	0.00
7) Phenol-d6	7.157	99	2078314	113.090	ng	0.00
23) Nitrobenzene-d5	9.198	82	1645324	95.055	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	798541	169.450	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	3195263	102.631	ng	0.00
79) Terphenyl-d14	20.004	244	3745375	128.291	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.405	88	230747	35.734	ng	# 53
3) Pyridine	3.828	79	532422	28.103	ng	97
4) n-Nitrosodimethylamine	3.746	42	355532	37.168	ng	91
6) Aniline	7.340	93	485570	20.752	ng	98
8) 2-Chlorophenol	7.551	128	692764	50.911	ng	95
9) Benzaldehyde	7.157	77	148840	13.905	ng	99
10) Phenol	7.181	94	779304	41.039	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	706631	45.324	ng	97
12) 1,3-Dichlorobenzene	7.875	146	686077	48.746	ng	98
13) 1,4-Dichlorobenzene	8.034	146	708868	50.034	ng	97
14) 1,2-Dichlorobenzene	8.345	146	688848	50.635	ng	97
15) Benzyl Alcohol	8.257	79	674700	49.526	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1118332	45.333	ng	99
17) 2-Methylphenol	8.440	107	575220	45.904	ng	98
18) Hexachloroethane	9.057	117	268963	49.313	ng	# 88
19) n-Nitroso-di-n-propyla...	8.816	70	588592	47.254	ng	97
20) 3+4-Methylphenols	8.775	107	762374	45.359	ng	97
22) Acetophenone	8.845	105	1057824	50.659	ng	# 97
24) Nitrobenzene	9.239	77	842273	48.639	ng	97
25) Isophorone	9.751	82	1551214	52.734	ng	97
26) 2-Nitrophenol	9.939	139	378346	56.272	ng	95
27) 2,4-Dimethylphenol	9.981	122	579937	48.604	ng	98
28) bis(2-Chloroethoxy)met...	10.234	93	946642	50.794	ng	99
29) 2,4-Dichlorophenol	10.463	162	643958	62.061	ng	96
30) 1,2,4-Trichlorobenzene	10.669	180	673755	60.569	ng	97
31) Naphthalene	10.869	128	2047453	52.079	ng	100
32) Benzoic acid	10.110	122	245183	30.302	ng	99
33) 4-Chloroaniline	11.004	127	144679	8.476	ng	98
34) Hexachlorobutadiene	11.092	225	406248	67.490	ng	98
35) Caprolactam	11.845	113	163068	40.629	ng	# 88
36) 4-Chloro-3-methylphenol	12.104	107	678853	54.215	ng	97
37) 2-Methylnaphthalene	12.469	142	1366422	51.631	ng	99
38) 1-Methylnaphthalene	12.692	142	1322003	53.321	ng	100
40) 1,2,4,5-Tetrachloroben...	12.822	216	755626	62.344	ng	# 97
41) Hexachlorocyclopentadiene	12.763	237	618939	93.372	ng	99
43) 2,4,6-Trichlorophenol	13.075	196	498822	63.577	ng	99

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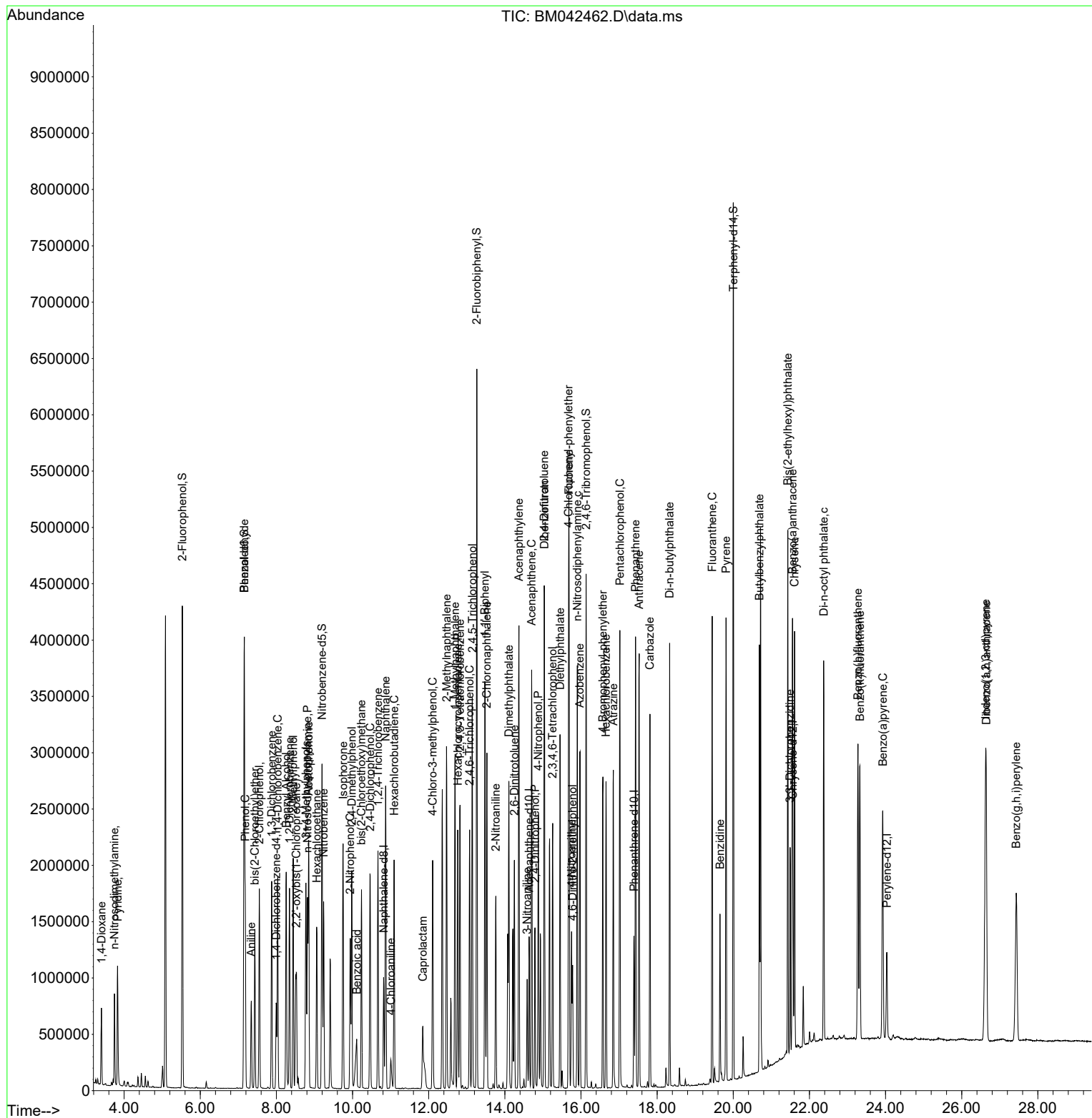
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44) 2,4,5-Trichlorophenol	13.145	196	529064	57.042	ng	# 93
46) 1,1'-Biphenyl	13.475	154	1787092	53.732	ng	98
47) 2-Chloronaphthalene	13.527	162	1342620	55.024	ng	98
48) 2-Nitroaniline	13.763	65	473835	44.260	ng	90
49) Acenaphthylene	14.369	152	2180850	55.361	ng	100
50) Dimethylphthalate	14.104	163	1658810	53.942	ng	99
51) 2,6-Dinitrotoluene	14.251	165	358202	51.372	ng	85
52) Acenaphthene	14.704	154	1245275	52.287	ng	99
53) 3-Nitroaniline	14.586	138	206763	26.670	ng	98
54) 2,4-Dinitrophenol	14.792	184	265494	63.593	ng	89
55) Dibenzofuran	15.039	168	1974463	52.416	ng	97
56) 4-Nitrophenol	14.880	139	551945	88.125	ng	91
57) 2,4-Dinitrotoluene	15.033	165	464950	49.891	ng	86
58) Fluorene	15.686	166	1562202	52.556	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	441644	63.385	ng	88
60) Diethylphthalate	15.451	149	1585846	52.257	ng	97
61) 4-Chlorophenyl-phenyle...	15.674	204	819992	58.577	ng	93
62) 4-Nitroaniline	15.751	138	317122	40.762	ng	96
63) Azobenzene	15.968	77	1719654	47.231	ng	96
65) 4,6-Dinitro-2-methylph...	15.780	198	193558	39.714	ng	82
66) n-Nitrosodiphenylamine	15.904	169	1324209	55.874	ng	98
67) 4-Bromophenyl-phenylether	16.574	248	482416	66.150	ng	93
68) Hexachlorobenzene	16.657	284	540739	69.367	ng	# 92
69) Atrazine	16.851	200	471066	78.379	ng	98
70) Pentachlorophenol	17.021	266	700278	105.543	ng	99
71) Phenanthrene	17.433	178	2276871	53.191	ng	100
72) Anthracene	17.527	178	2279296	53.765	ng	99
73) Carbazole	17.810	167	2013859	50.637	ng	99
74) Di-n-butylphthalate	18.327	149	2619553	51.780	ng	99
75) Fluoranthene	19.445	202	2362734	50.118	ng	97
77) Benzidine	19.651	184	800088	106.835	ng	99
78) Pyrene	19.809	202	2394448	66.180	ng	100
80) Butylbenzylphthalate	20.686	149	1011814	60.764	ng	92
81) Benzo(a)anthracene	21.556	228	1947522	56.109	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	514619	49.667	ng	98
83) Chrysene	21.609	228	1747386	52.416	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1425185	60.205	ng	# 95
85) Di-n-octyl phthalate	22.374	149	2210499	54.393	ng	95
87) Indeno(1,2,3-cd)pyrene	26.627	276	2234343	53.569	ng	# 93
88) Benzo(b)fluoranthene	23.274	252	1877320	54.646	ng	97
89) Benzo(k)fluoranthene	23.327	252	1739036	48.757	ng	# 97
90) Benzo(a)pyrene	23.927	252	1651675	49.951	ng	97
91) Dibenzo(a,h)anthracene	26.644	278	1855322	53.501	ng	96
92) Benzo(g,h,i)perylene	27.432	276	1788139	53.095	ng	# 93

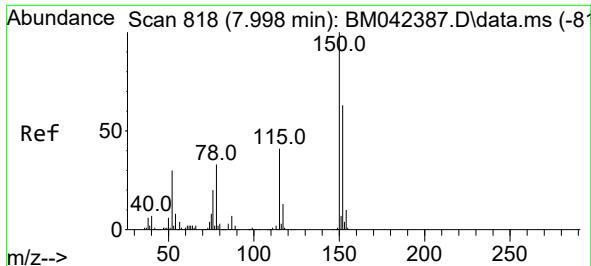
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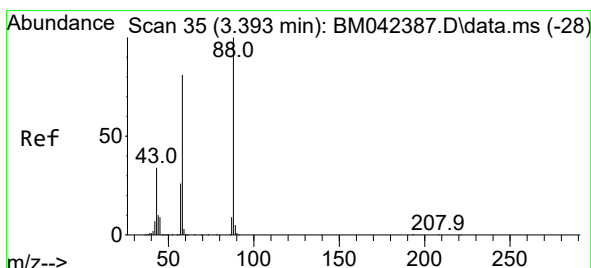
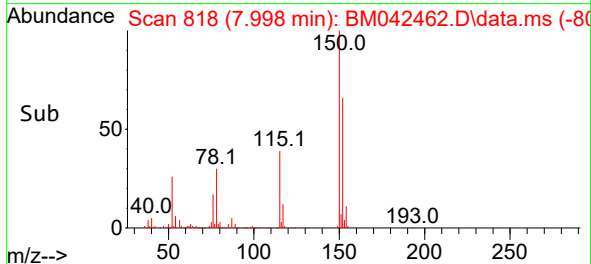
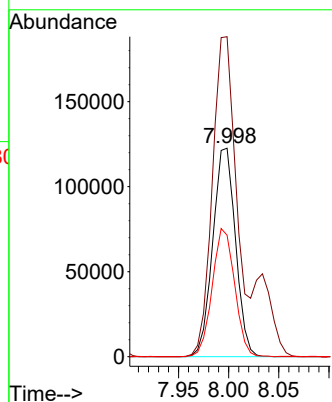
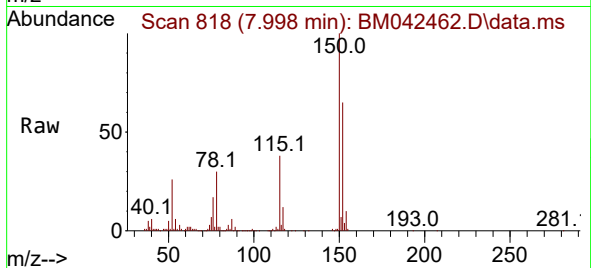




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042462.D
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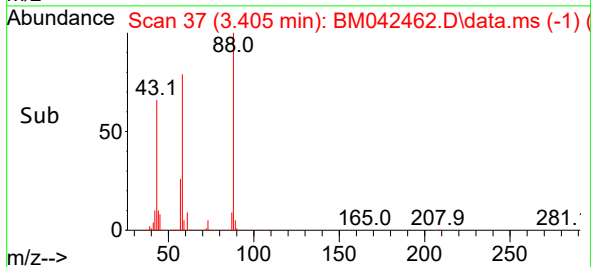
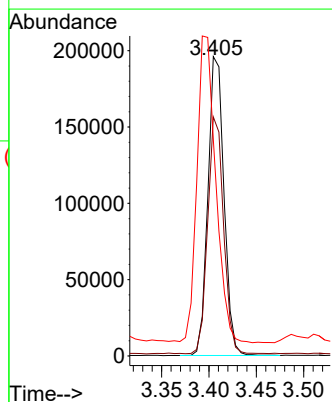
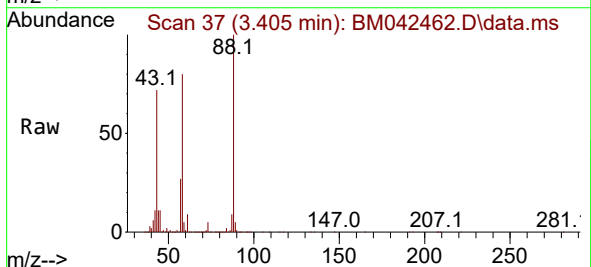
Instrument :
BNA_M
ClientSampleId :
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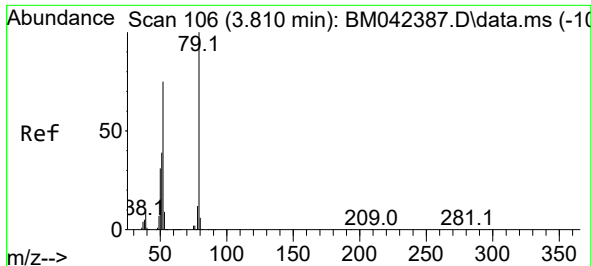
Tgt Ion:152 Resp: 193813
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 58.3 51.9 77.9



#2
1,4-Dioxane
Concen: 35.734 ng
RT: 3.405 min Scan# 37
Delta R.T. 0.012 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 88 Resp: 230747
Ion Ratio Lower Upper
88 100
58 78.3 64.9 97.3
43 120.5 27.8 41.8

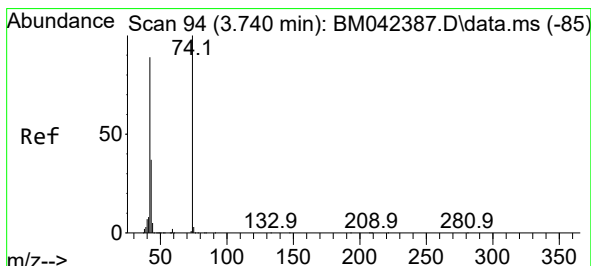
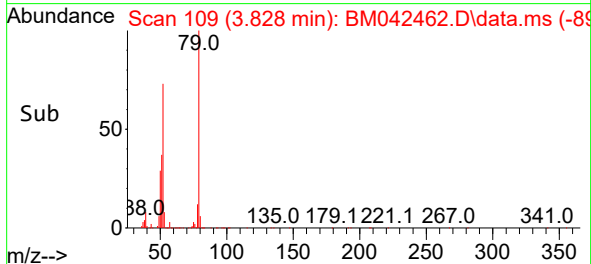
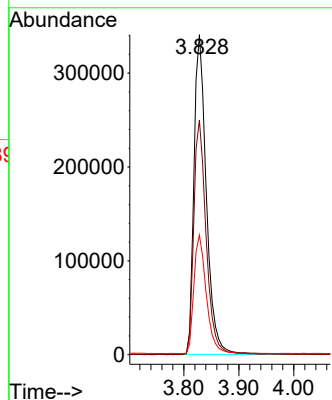
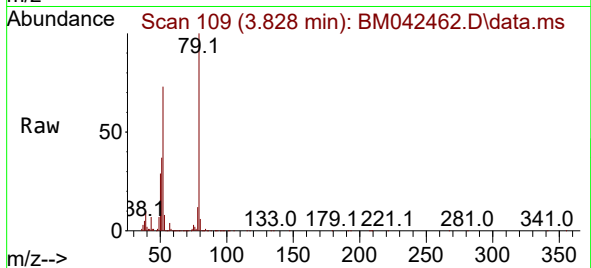




#3
Pyridine
Concen: 28.103 ng
RT: 3.828 min Scan# 106
Delta R.T. 0.018 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

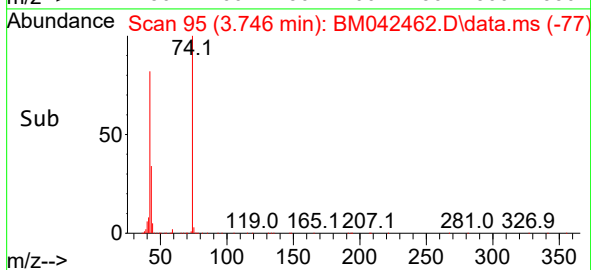
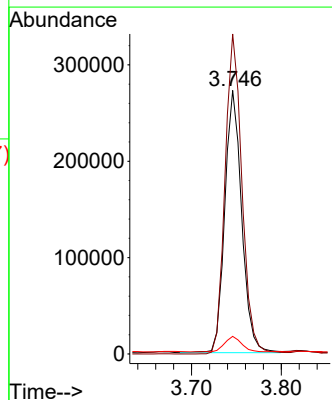
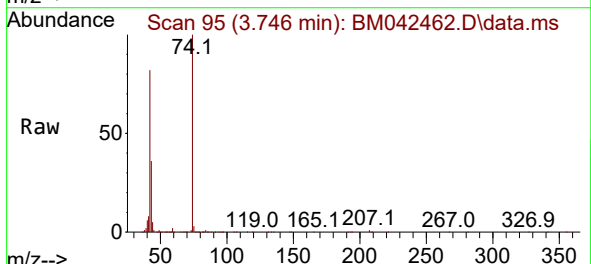
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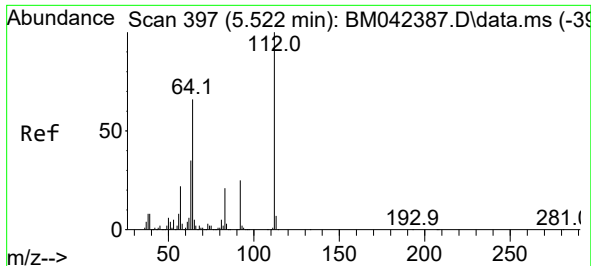
Tgt Ion: 79 Resp: 532422
Ion Ratio Lower Upper
79 100
52 73.3 60.3 90.5
51 37.4 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 37.168 ng
RT: 3.746 min Scan# 95
Delta R.T. 0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 42 Resp: 355532
Ion Ratio Lower Upper
42 100
74 121.5 89.4 134.2
44 6.7 5.4 8.0

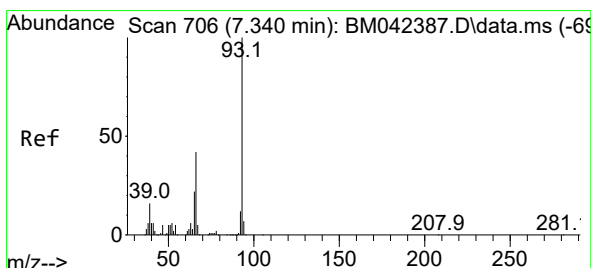
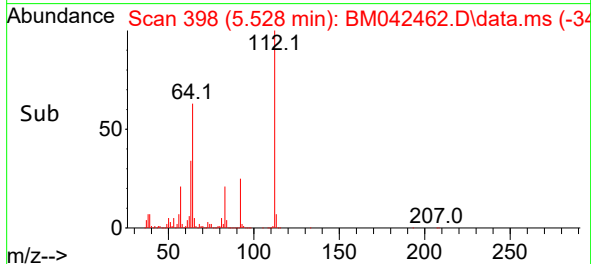
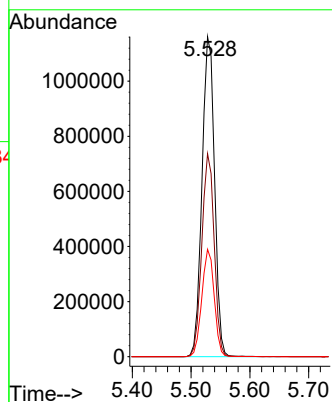
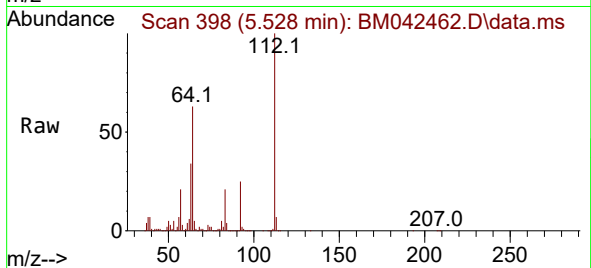




#5
2-Fluorophenol
Concen: 125.315 ng
RT: 5.528 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

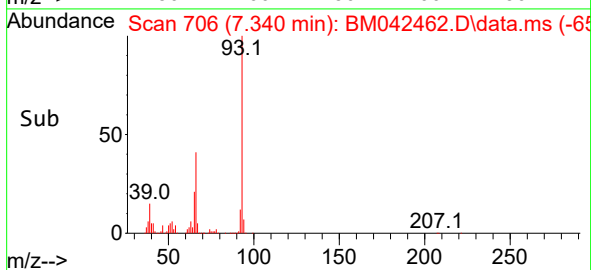
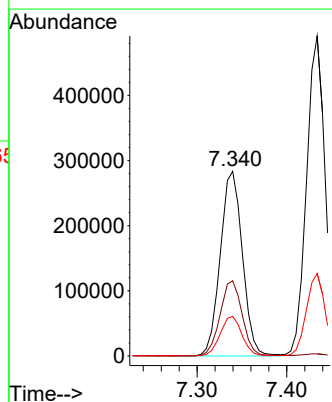
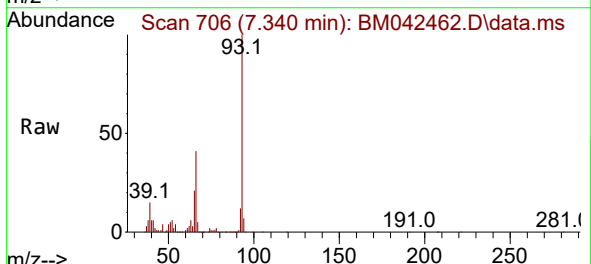
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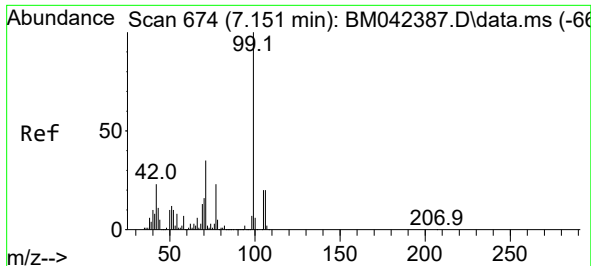
Tgt Ion:112 Resp: 1718492
Ion Ratio Lower Upper
112 100
64 63.5 52.7 79.1
63 33.6 28.3 42.5



#6
Aniline
Concen: 20.752 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 93 Resp: 485570
Ion Ratio Lower Upper
93 100
66 40.7 33.8 50.8
65 21.4 17.4 26.2



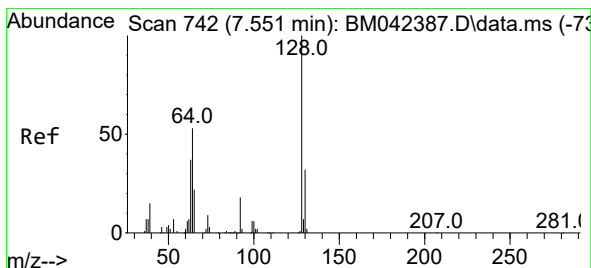
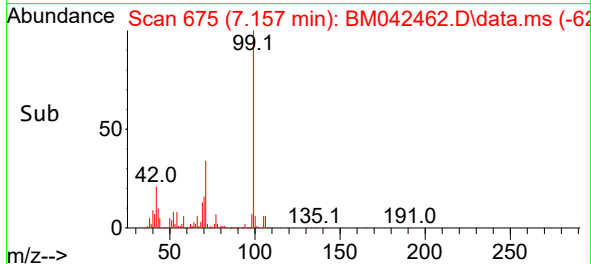
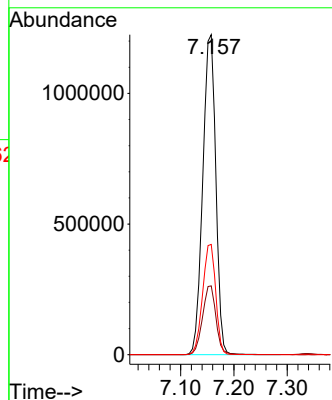
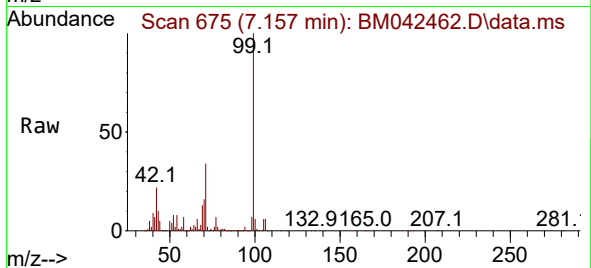


#7
Phenol-d6
Concen: 113.090 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Instrument :
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Tgt Ion: 99 Resp: 2078314

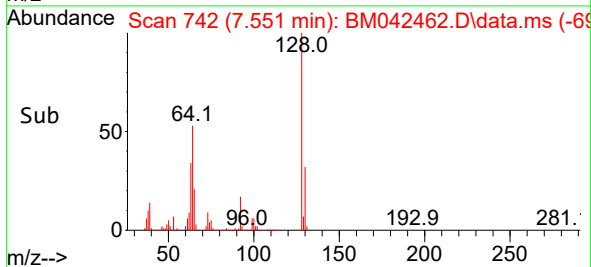
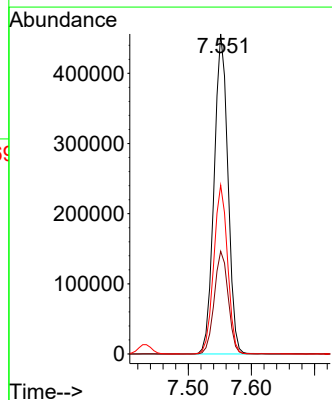
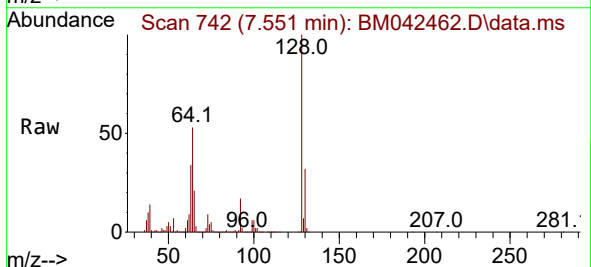
Ion	Ratio	Lower	Upper
99	100		
42	21.5	18.5	27.7
71	34.5	27.7	41.5

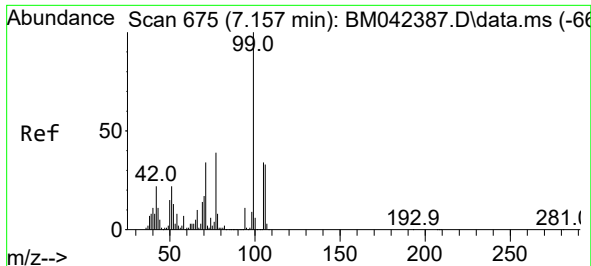


#8
2-Chlorophenol
Concen: 50.911 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 128 Resp: 692764

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.1	52.1
64	52.7	38.2	78.2

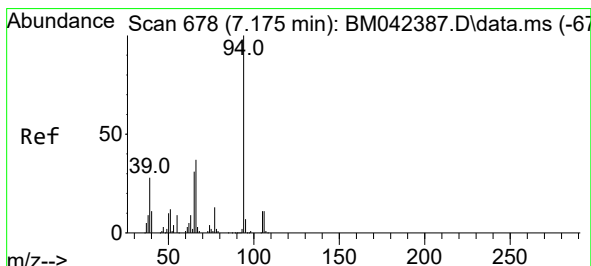
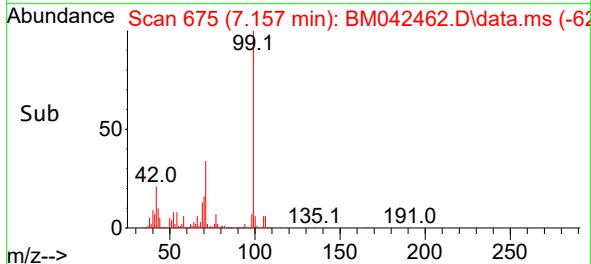
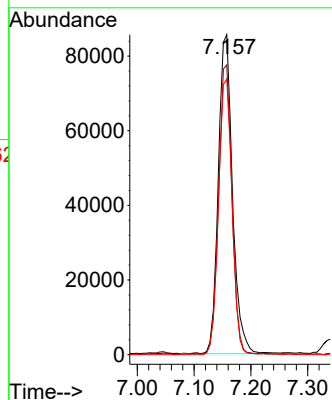
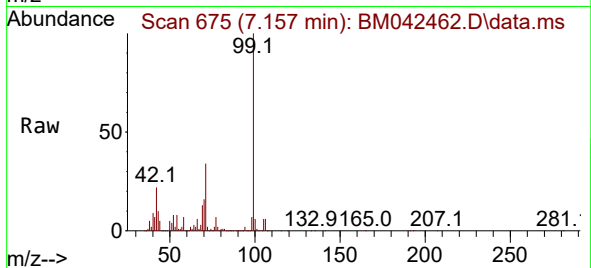




#9
Benzaldehyde
Concen: 13.905 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

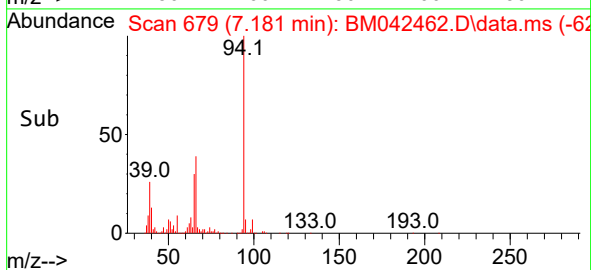
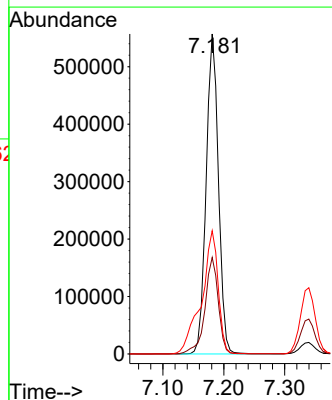
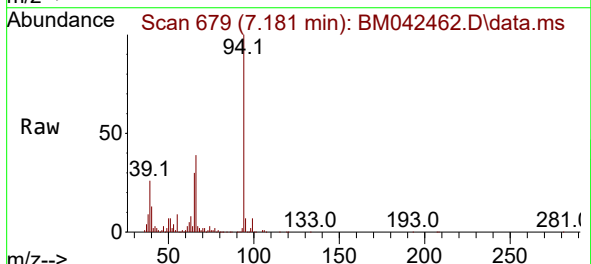
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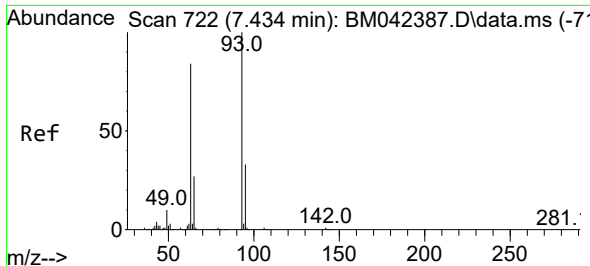
Tgt Ion: 77 Resp: 148840
Ion Ratio Lower Upper
77 100
105 90.6 68.7 108.7
106 86.2 65.8 105.8



#10
Phenol
Concen: 41.039 ng
RT: 7.181 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 94 Resp: 779304
Ion Ratio Lower Upper
94 100
65 30.2 10.9 50.9
66 38.5 18.2 58.2

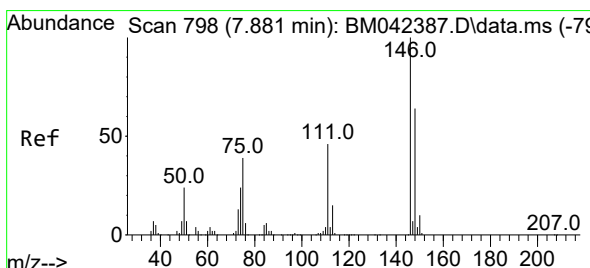
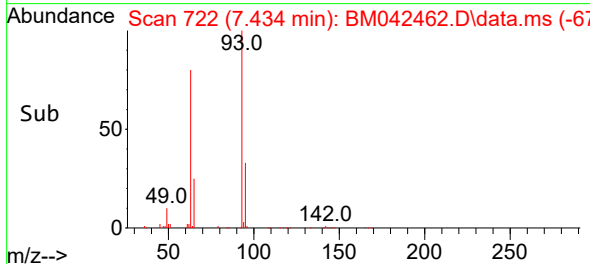
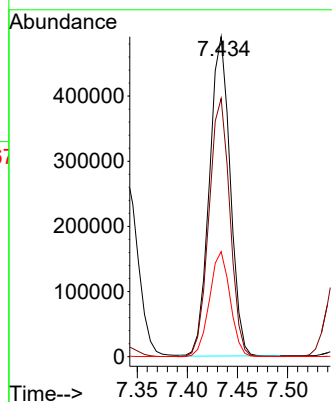
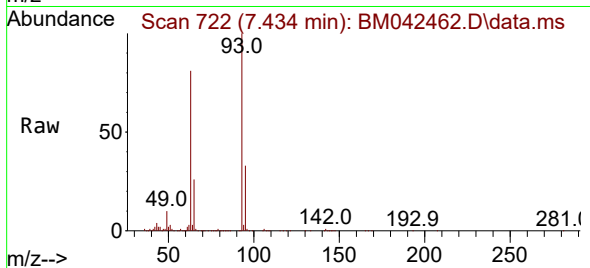




#11
bis(2-Chloroethyl)ether
Concen: 45.324 ng
RT: 7.434 min Scan# 701
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

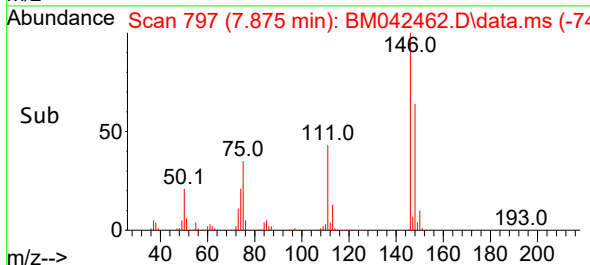
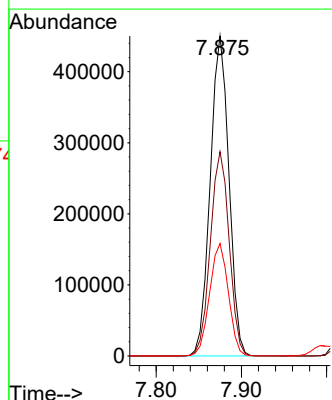
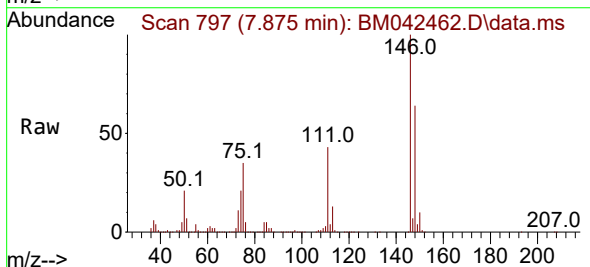
Instrument :
BNA_M
ClientSampleId :
343MS

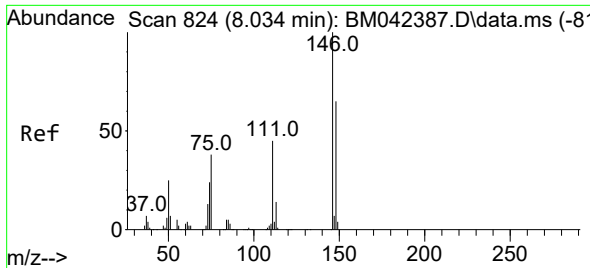
Tgt Ion: 93 Resp: 706631
Ion Ratio Lower Upper
93 100
63 80.7 64.2 104.2
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 48.746 ng
RT: 7.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:146 Resp: 686077
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 35.1 30.9 46.3

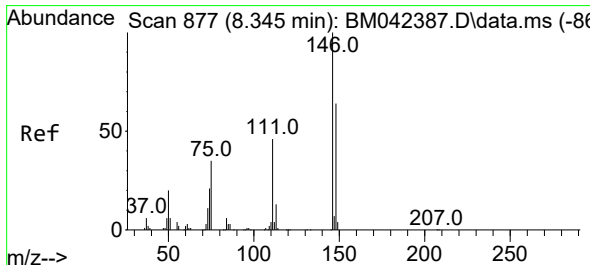
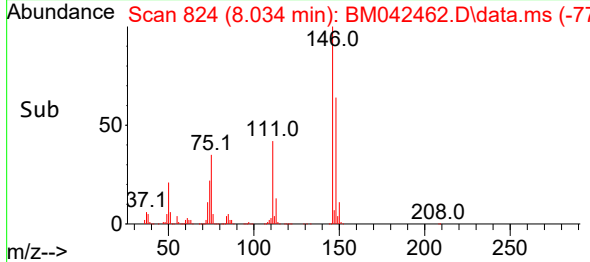
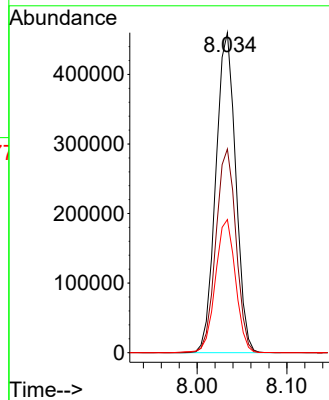
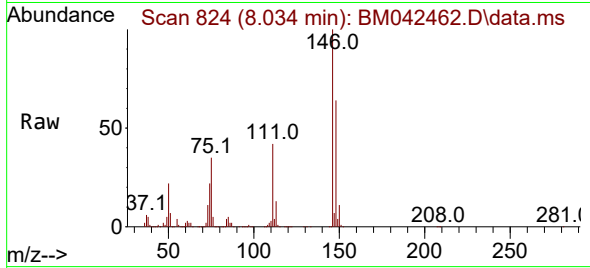




#13
1,4-Dichlorobenzene
Concen: 50.034 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

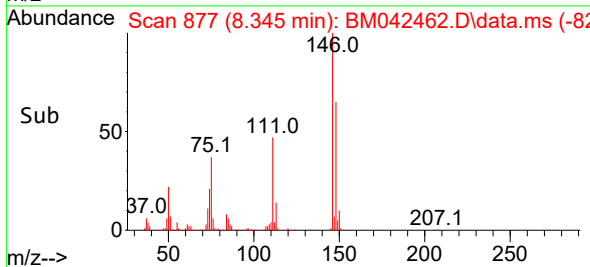
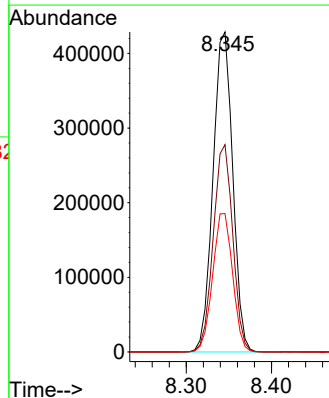
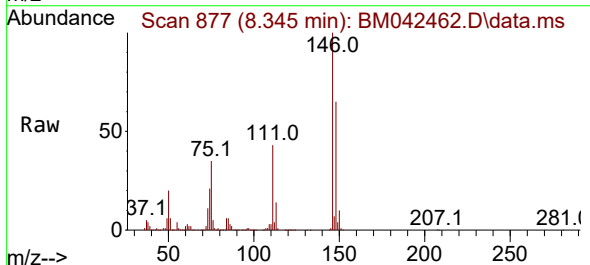
Instrument :
BNA_M
ClientSampleId :
343MS

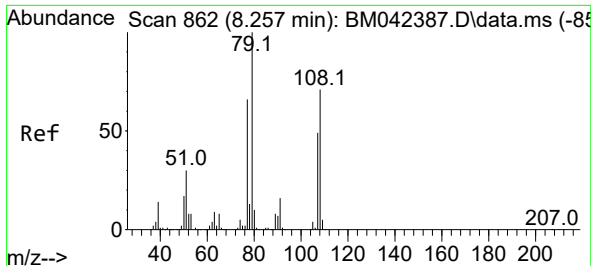
Tgt Ion:146 Resp: 708868
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 41.6 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 50.635 ng
RT: 8.345 min Scan# 877
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:146 Resp: 688848
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 43.3 37.2 55.8

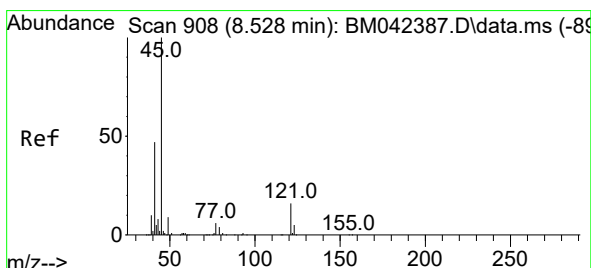
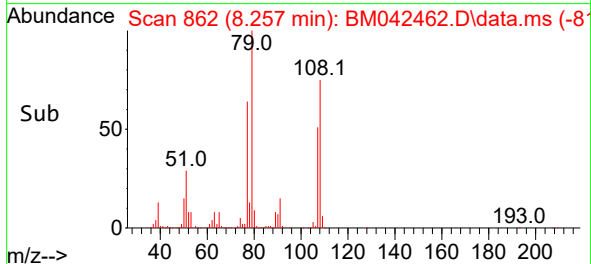
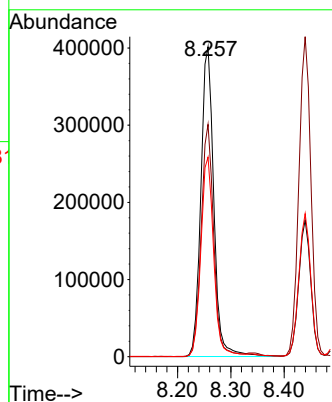
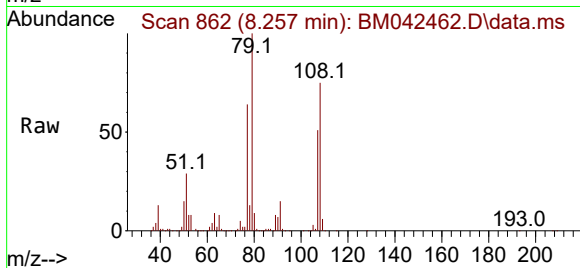




#15
Benzyl Alcohol
Concen: 49.526 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

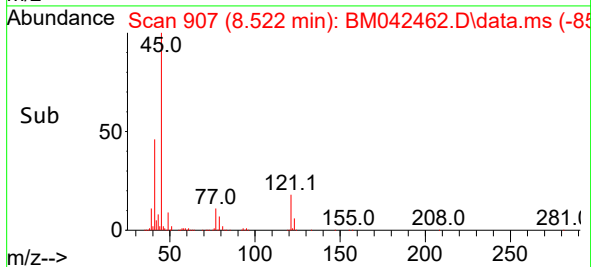
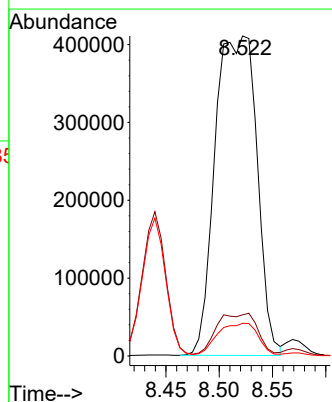
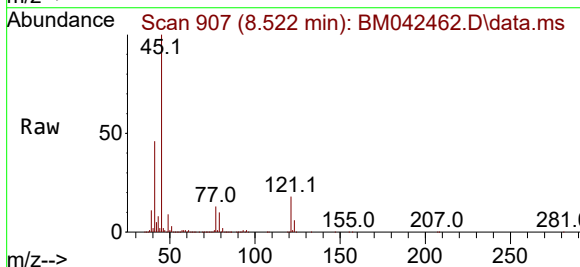
Instrument :
BNA_M
ClientSampleId :
343MS

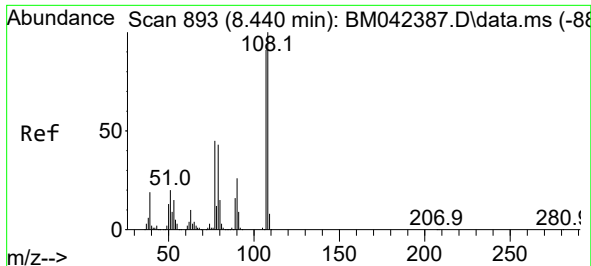
Tgt Ion: 79 Resp: 674700
Ion Ratio Lower Upper
79 100
108 75.0 57.1 85.7
77 64.4 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.333 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 45 Resp: 1118332
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.2
79 10.2 0.0 30.4

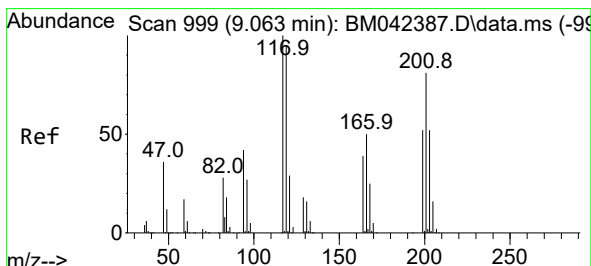
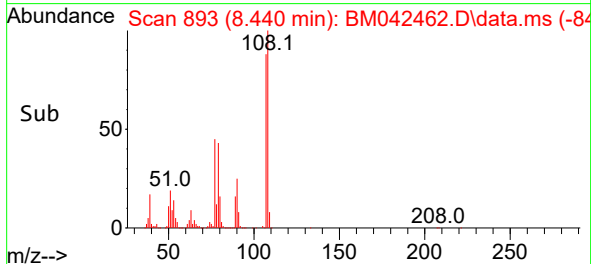
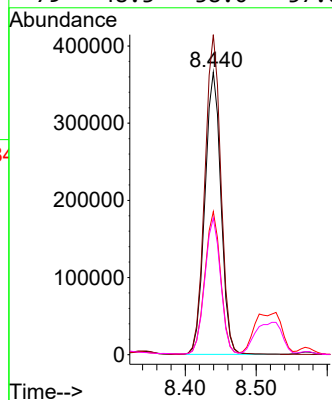
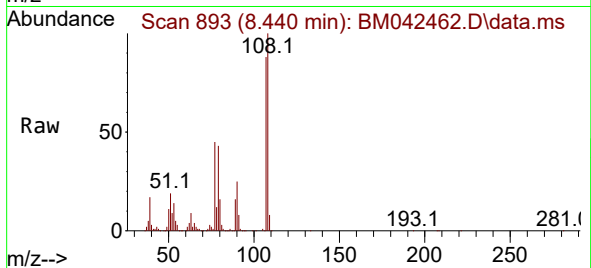




#17
2-Methylphenol
Concen: 45.904 ng
RT: 8.440 min Scan# 893
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

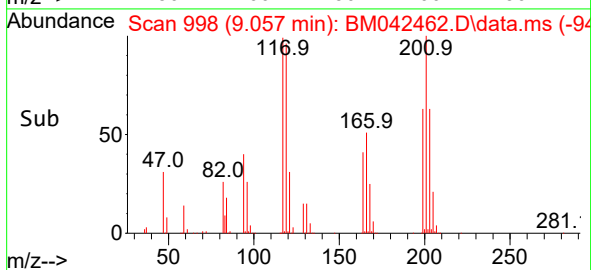
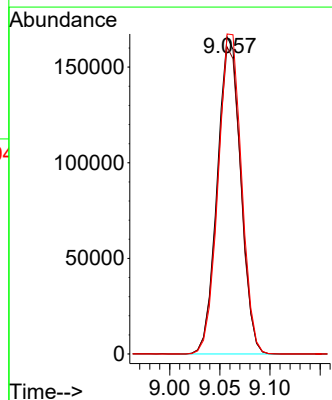
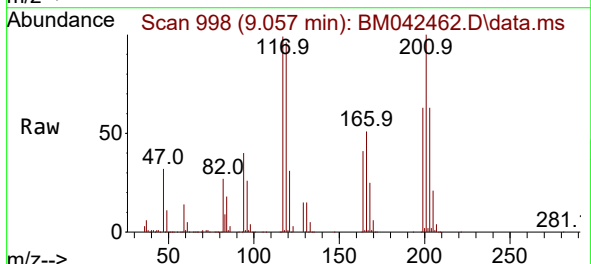
Instrument :
BNA_M
ClientSampleId :
343MS

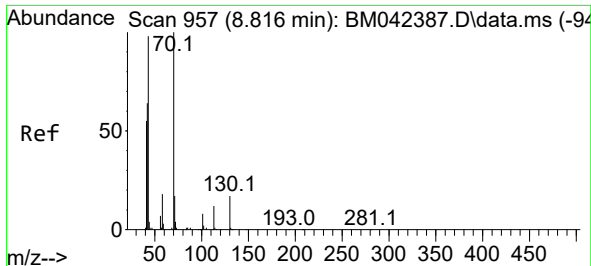
Tgt Ion:107 Resp: 575220
Ion Ratio Lower Upper
107 100
108 113.2 88.2 132.4
77 50.6 40.1 60.1
79 48.3 38.0 57.0



#18
Hexachloroethane
Concen: 49.313 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:117 Resp: 268963
Ion Ratio Lower Upper
117 100
119 96.8 75.9 113.9
201 100.9 64.6 97.0#

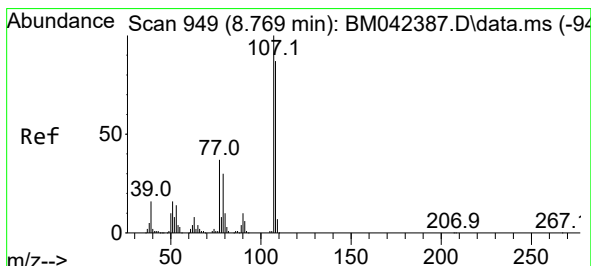
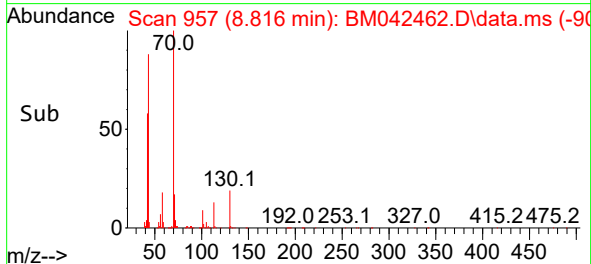
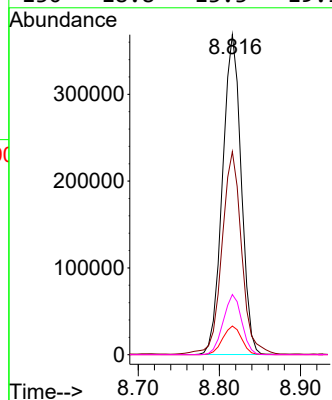
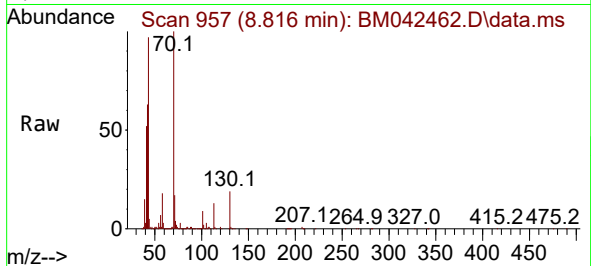




#19
n-Nitroso-di-n-propylamine
Concen: 47.254 ng
RT: 8.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

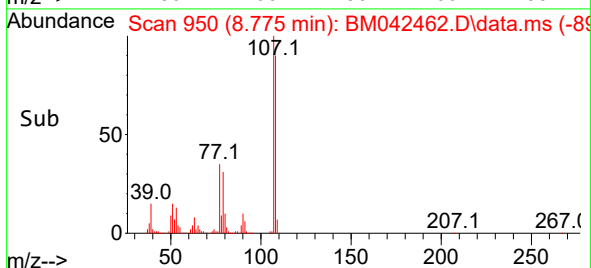
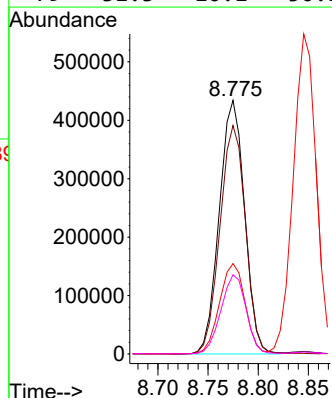
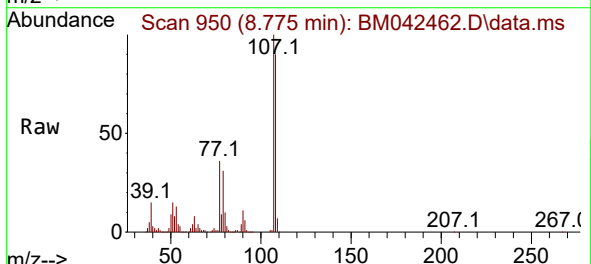
Instrument :
BNA_M
ClientSampleId :
343MS

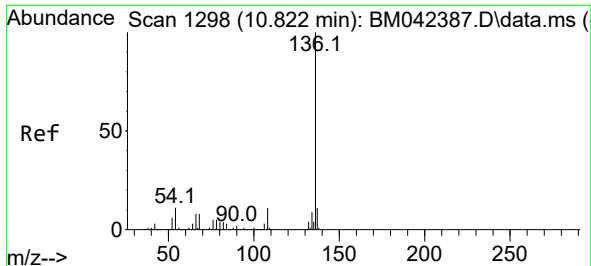
Tgt Ion: 70 Resp: 588592
Ion Ratio Lower Upper
70 100
42 63.5 52.1 78.1
101 8.9 6.5 9.7
130 18.8 13.3 19.9



#20
3+4-Methylphenols
Concen: 45.359 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 107 Resp: 762374
Ion Ratio Lower Upper
107 100
108 90.1 67.2 107.2
77 35.6 16.8 56.8
79 31.3 10.1 50.1

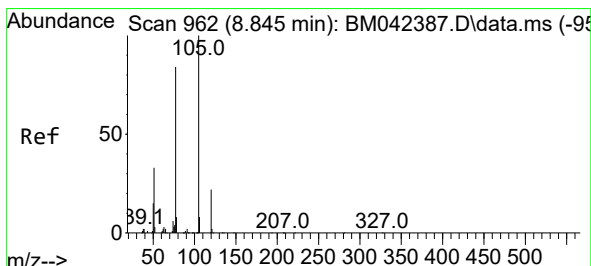
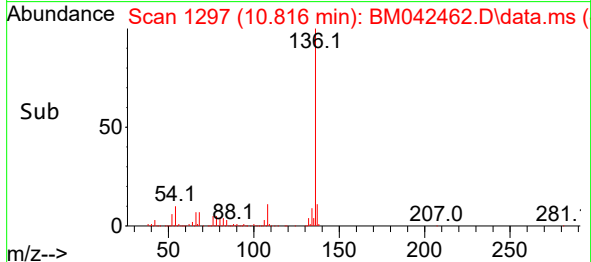
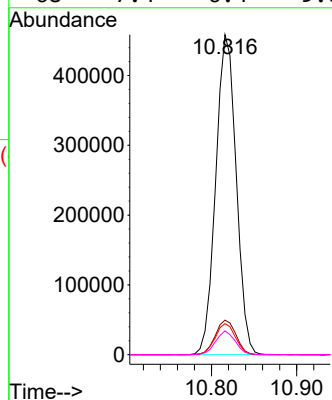
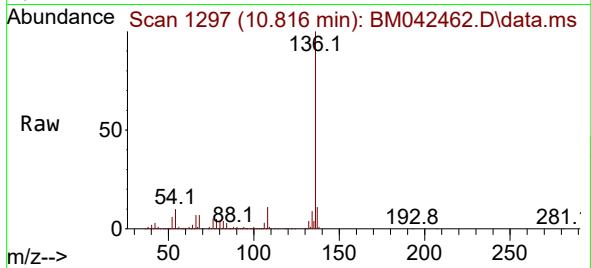




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

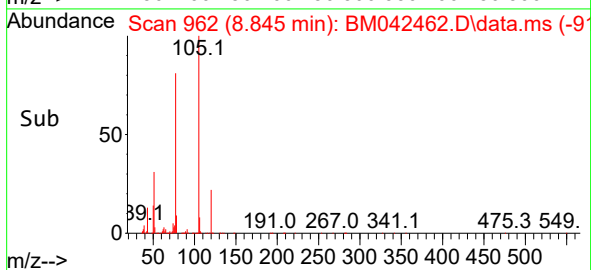
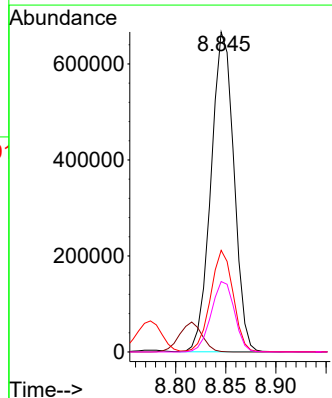
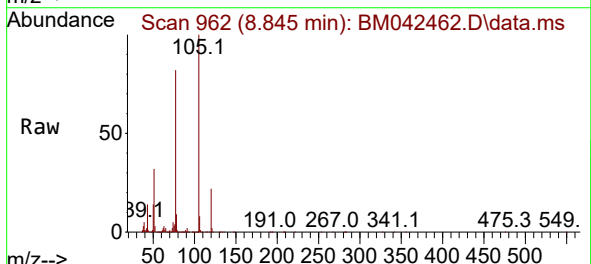
Instrument :
BNA_M
ClientSampleId :
343MS

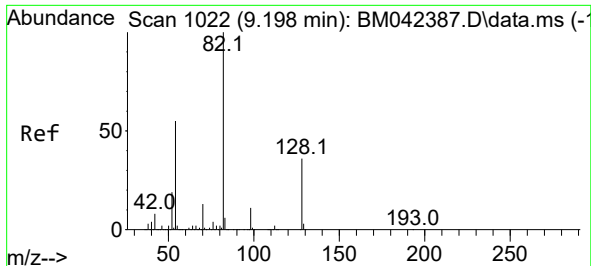
Tgt Ion:136 Resp: 765406
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.7 8.6 12.8
68 7.4 6.4 9.6



#22
Acetophenone
Concen: 50.659 ng
RT: 8.845 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:105 Resp: 1057824
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 31.7 27.1 40.7
120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 95.055 ng

RT: 9.198 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

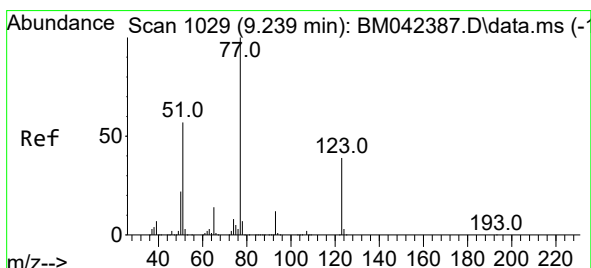
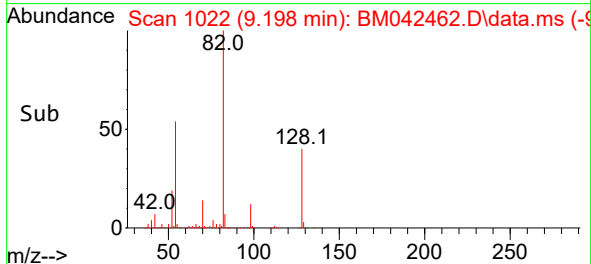
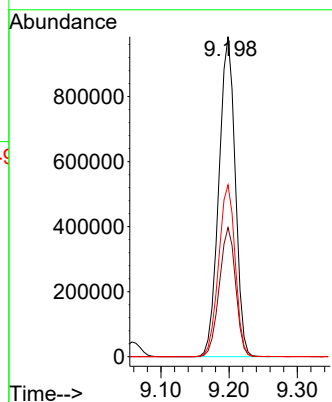
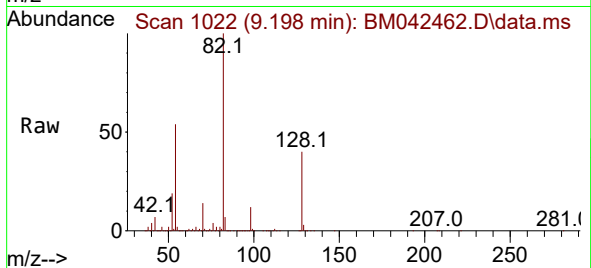
BNA_M

ClientSampleId :

343MS

Tgt Ion: 82 Resp: 1645324

Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.0	43.6
54	53.7	43.7	65.5



#24

Nitrobenzene

Concen: 48.639 ng

RT: 9.239 min Scan# 1029

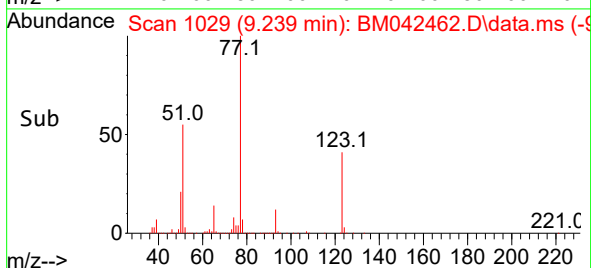
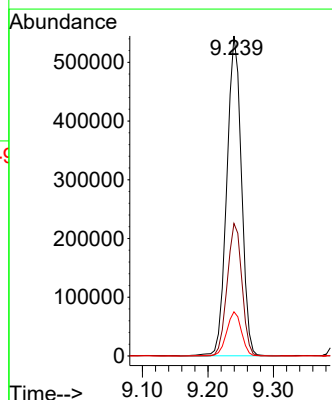
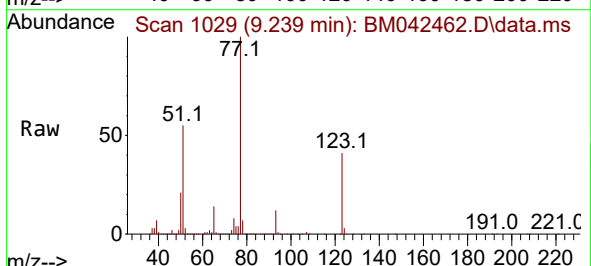
Delta R.T. 0.000 min

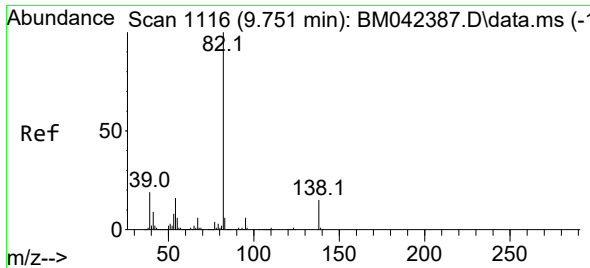
Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Tgt Ion: 77 Resp: 842273

Ion	Ratio	Lower	Upper
77	100		
123	41.4	31.2	46.8
65	13.8	11.4	17.0

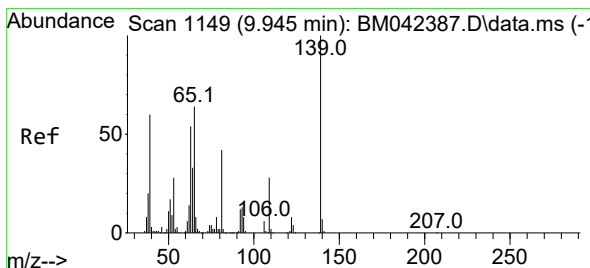
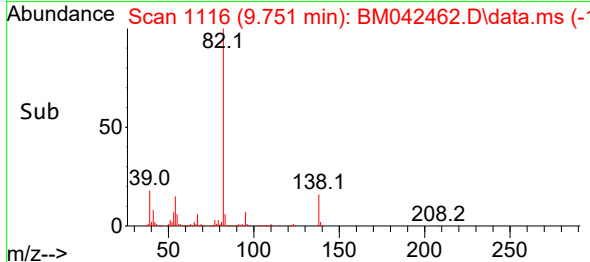
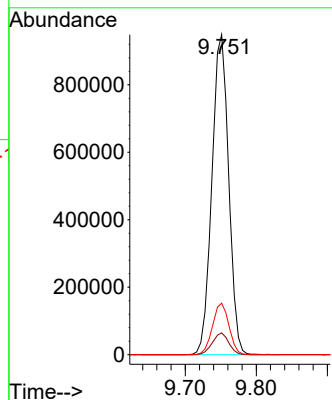
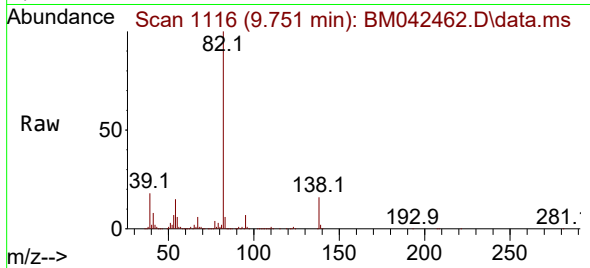




#25
Isophorone
Concen: 52.734 ng
RT: 9.751 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

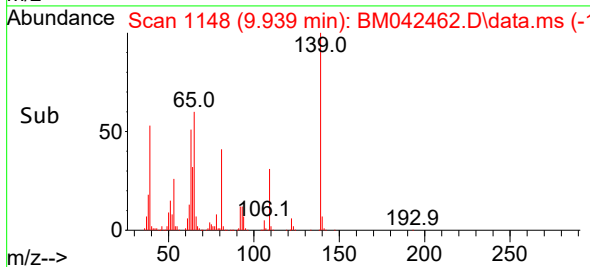
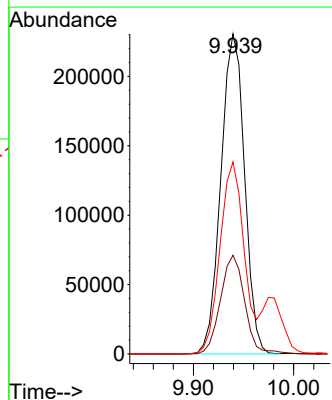
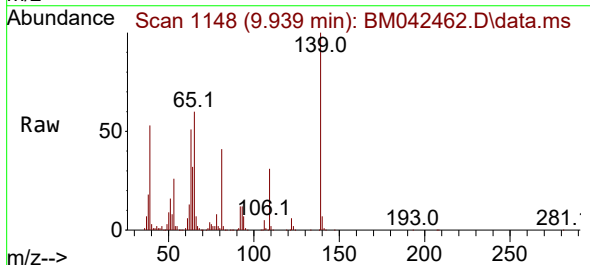
Instrument :
BNA_M
ClientSampleId :
343MS

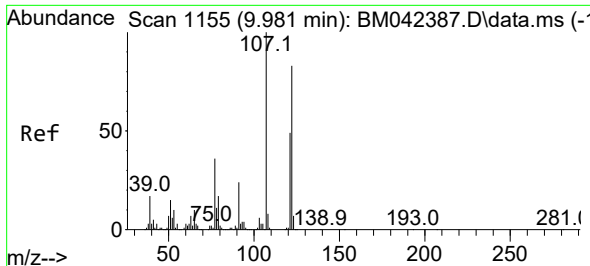
Tgt Ion: 82 Resp: 1551214
Ion Ratio Lower Upper
82 100
95 6.8 5.1 7.7
138 16.1 11.8 17.6



#26
2-Nitrophenol
Concen: 56.272 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:139 Resp: 378346
Ion Ratio Lower Upper
139 100
109 30.9 22.3 33.5
65 60.0 51.1 76.7

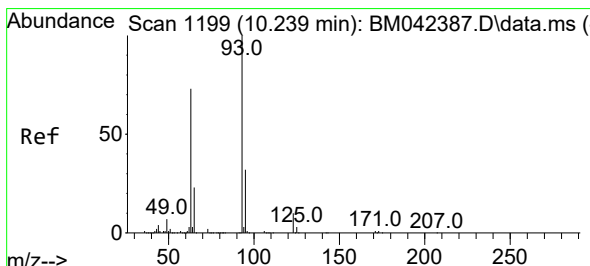
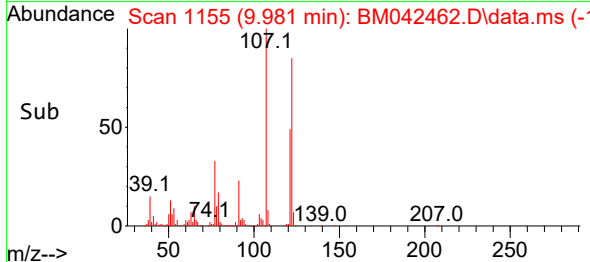
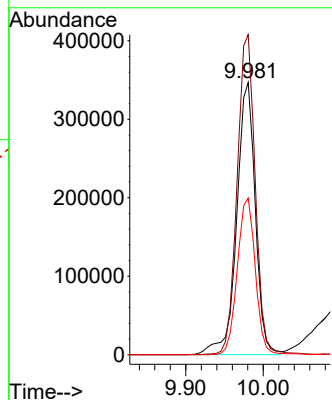
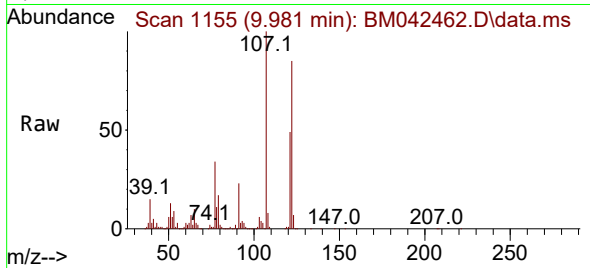




#27
2,4-Dimethylphenol
Concen: 48.604 ng
RT: 9.981 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

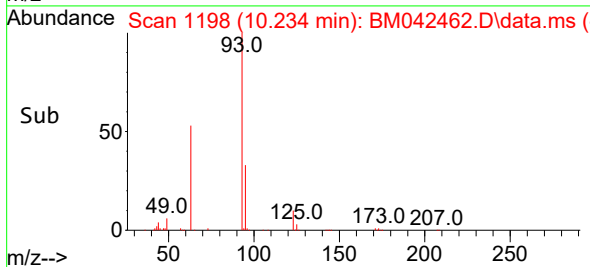
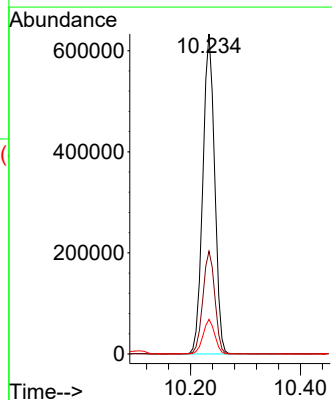
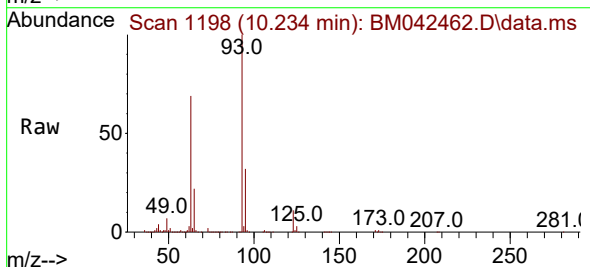
Instrument :
BNA_M
ClientSampleId :
343MS

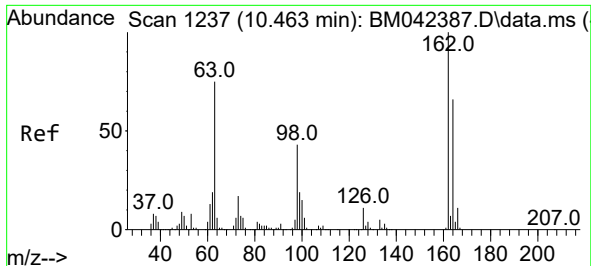
Tgt Ion:122 Resp: 579937
Ion Ratio Lower Upper
122 100
107 117.5 96.3 144.5
121 57.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 50.794 ng
RT: 10.234 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 93 Resp: 946642
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 62.061 ng

RT: 10.463 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

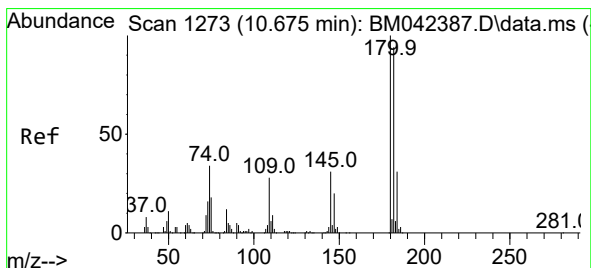
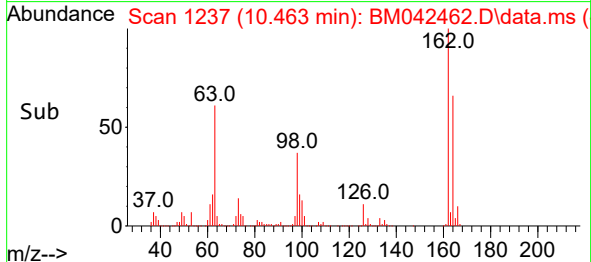
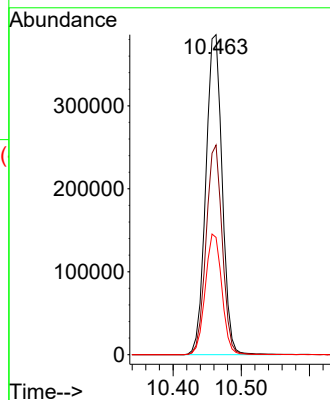
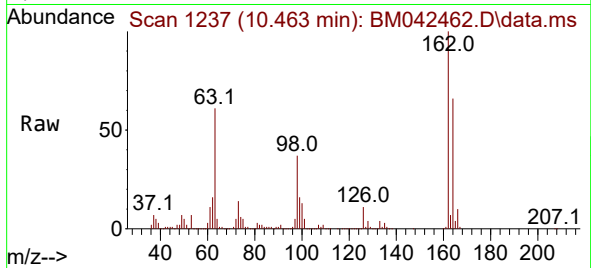
Tgt Ion:162 Resp: 643958

Ion Ratio Lower Upper

162 100

164 65.5 45.9 85.9

98 36.6 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 60.569 ng

RT: 10.669 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

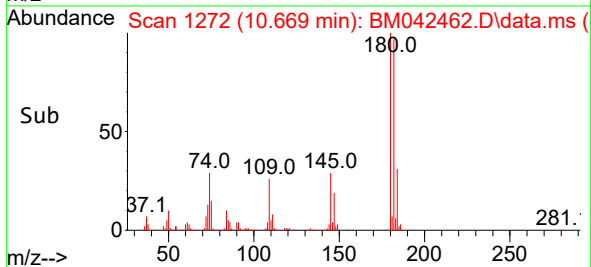
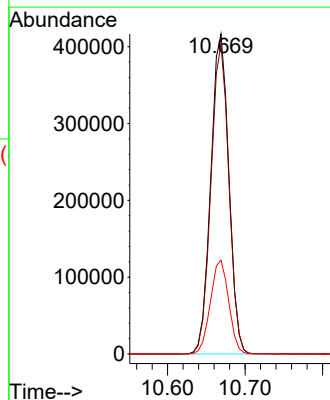
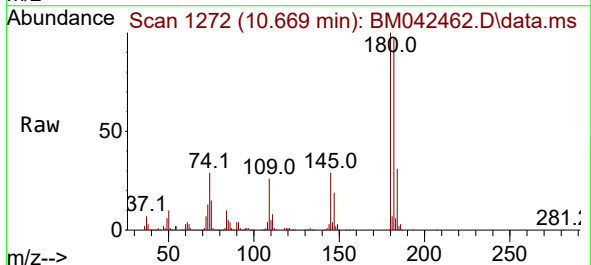
Tgt Ion:180 Resp: 673755

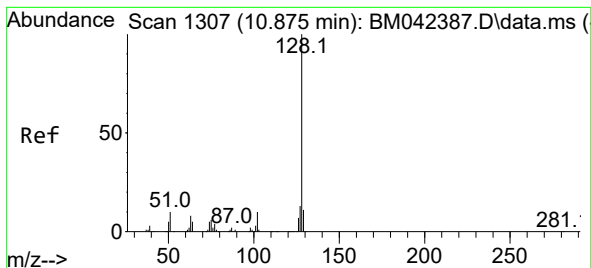
Ion Ratio Lower Upper

180 100

182 96.7 75.0 112.4

145 29.4 24.6 36.8

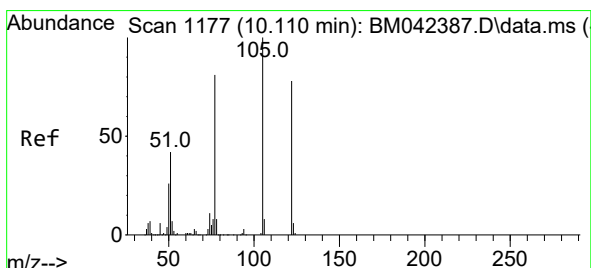
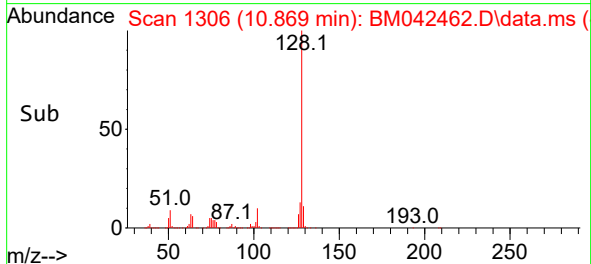
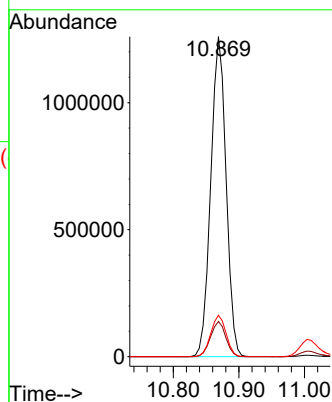
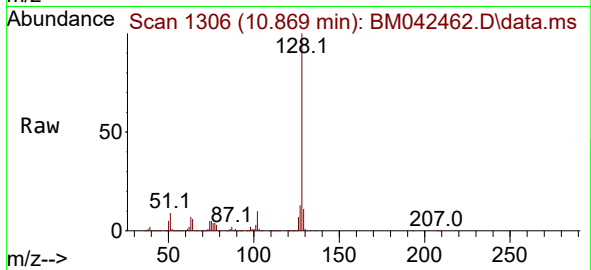




#31
Naphthalene
Concen: 52.079 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

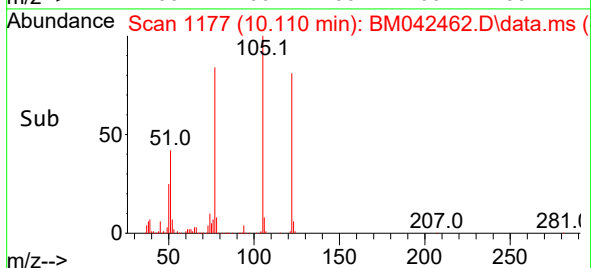
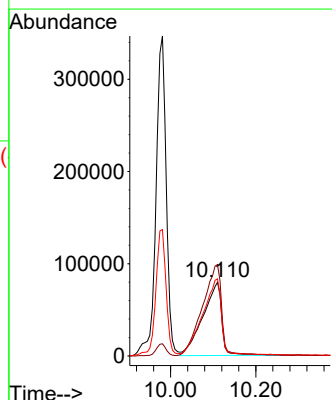
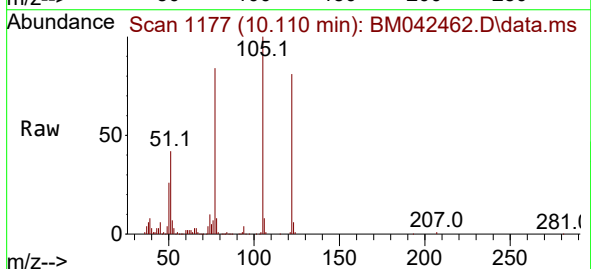
Instrument :
BNA_M
ClientSampleId :
343MS

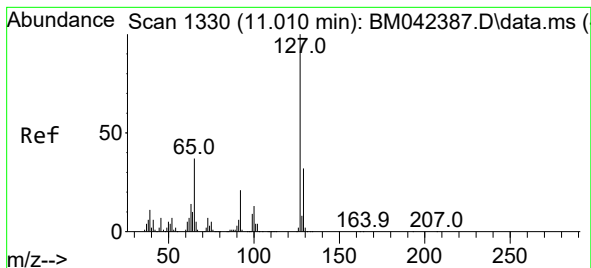
Tgt Ion:128 Resp: 2047453
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 30.302 ng
RT: 10.110 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:122 Resp: 245183
Ion Ratio Lower Upper
122 100
105 124.1 104.9 144.9
77 104.8 83.4 123.4





#33

4-Chloroaniline

Concen: 8.476 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

Tgt Ion:127 Resp: 144679

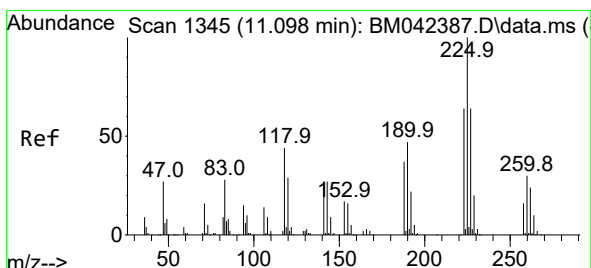
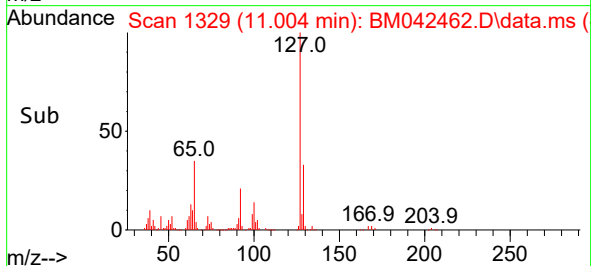
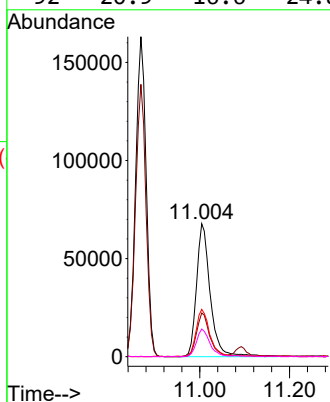
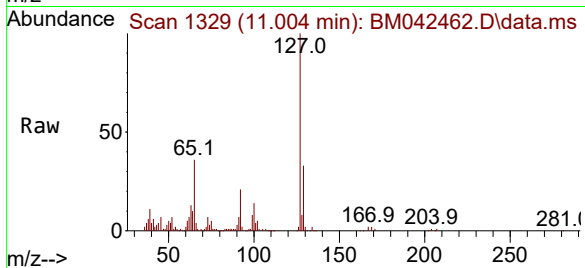
Ion Ratio Lower Upper

127 100

129 32.9 25.3 37.9

65 35.6 29.6 44.4

92 20.9 16.6 24.8



#34

Hexachlorobutadiene

Concen: 67.490 ng

RT: 11.092 min Scan# 1344

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

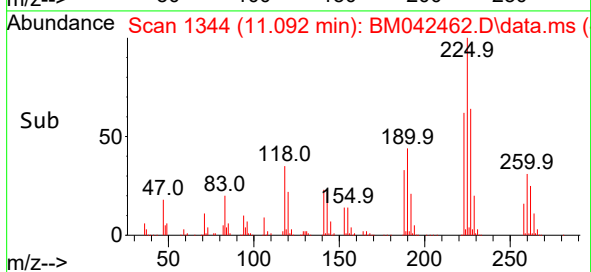
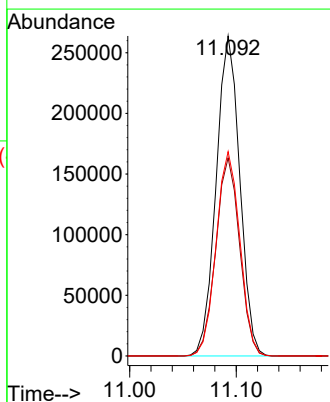
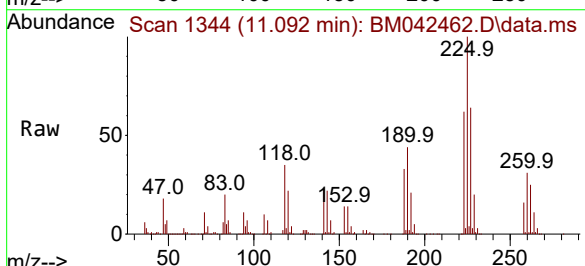
Tgt Ion:225 Resp: 406248

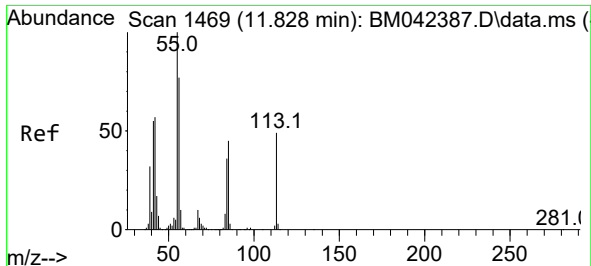
Ion Ratio Lower Upper

225 100

223 61.9 51.5 77.3

227 63.9 51.3 76.9

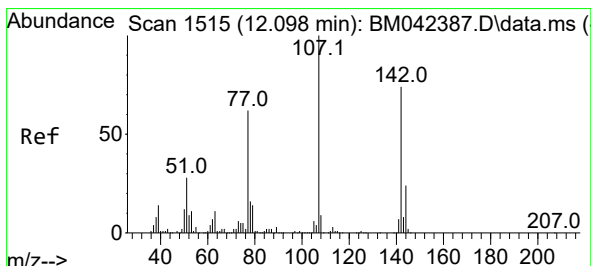
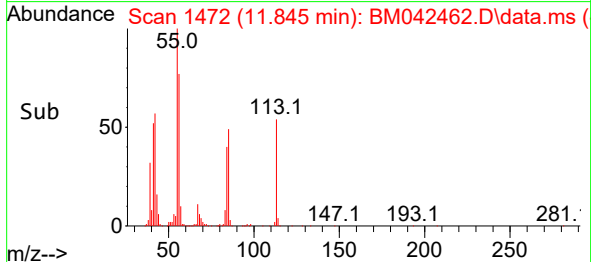
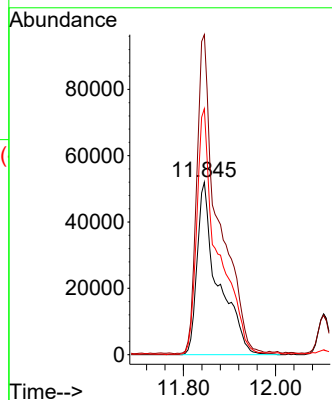
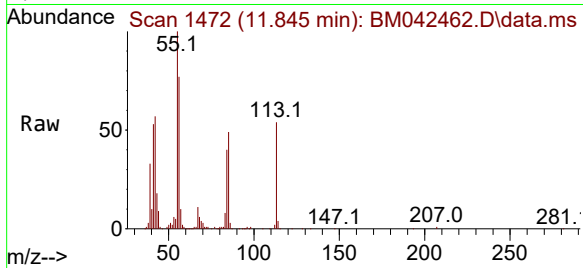




#35
Caprolactam
Concen: 40.629 ng
RT: 11.845 min Scan# 1469
Delta R.T. 0.017 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

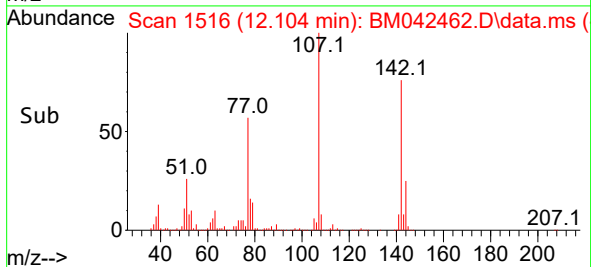
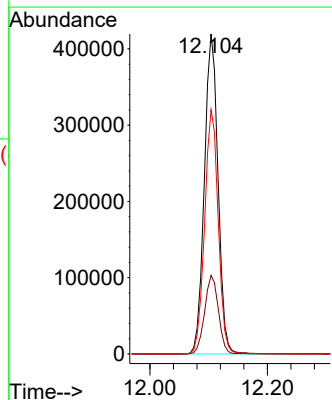
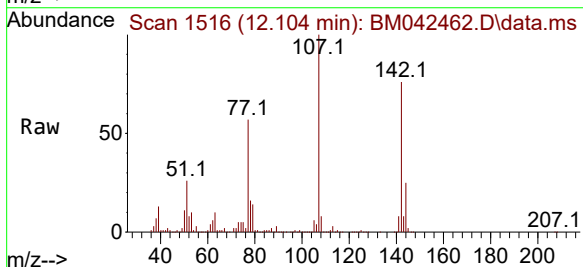
Instrument :
BNA_M
ClientSampleId :
343MS

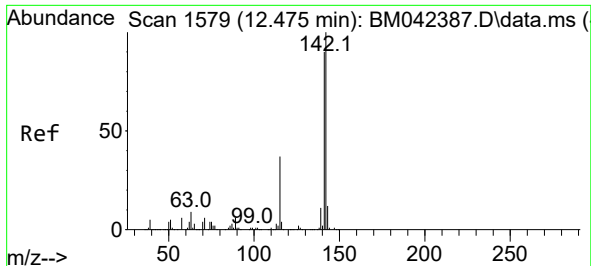
Tgt Ion:113 Resp: 163068
Ion Ratio Lower Upper
113 100
55 185.6 185.6 225.6#
56 142.7 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 54.215 ng
RT: 12.104 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:107 Resp: 678853
Ion Ratio Lower Upper
107 100
144 24.6 18.9 28.3
142 76.3 59.2 88.8

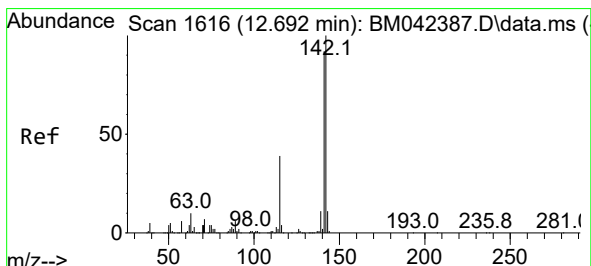
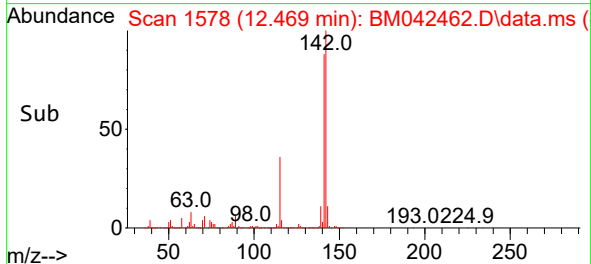
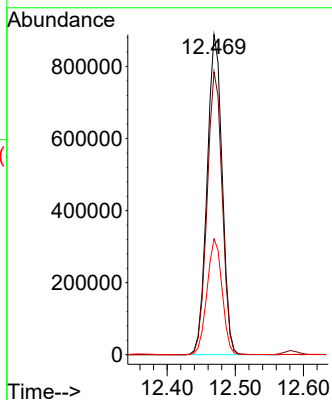
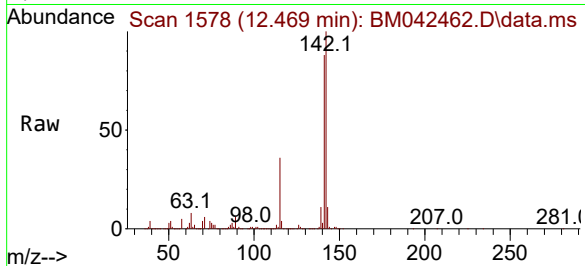




#37
2-Methylnaphthalene
Concen: 51.631 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

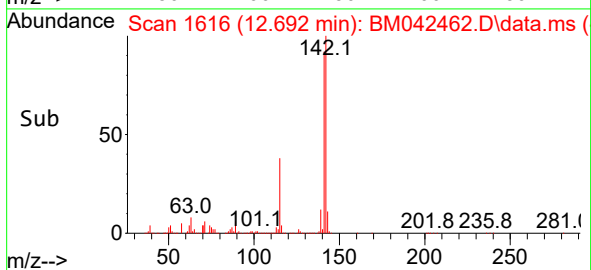
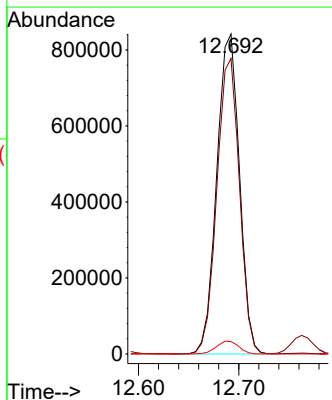
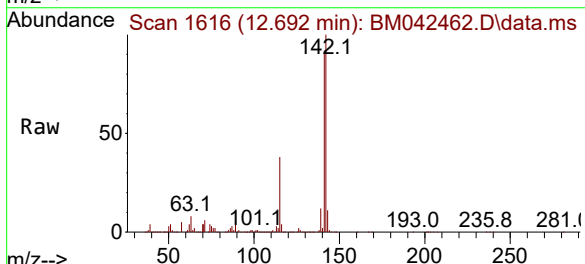
Instrument :
BNA_M
ClientSampleId :
343MS

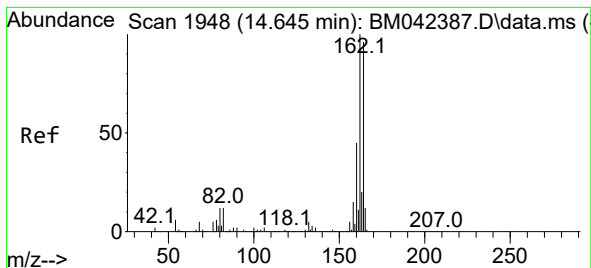
Tgt Ion:142 Resp: 1366422
Ion Ratio Lower Upper
142 100
141 88.4 72.0 108.0
115 36.2 29.4 44.2



#38
1-Methylnaphthalene
Concen: 53.321 ng
RT: 12.692 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:142 Resp: 1322003
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6
116 3.9 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: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

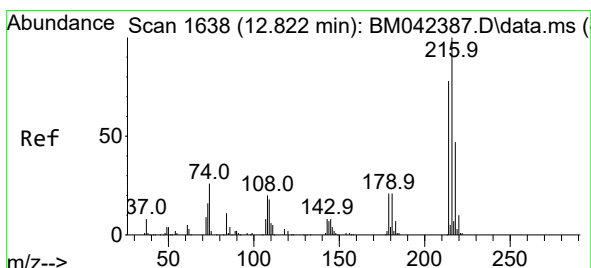
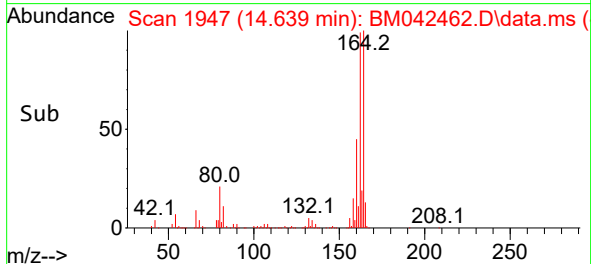
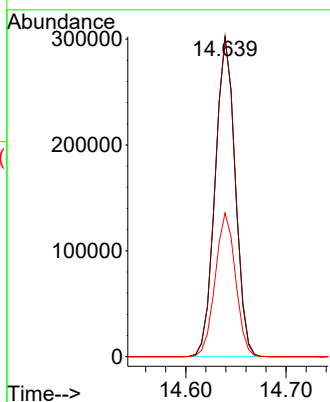
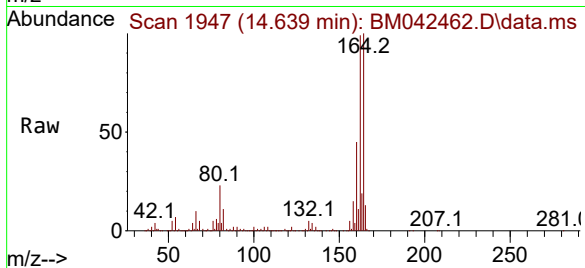
Tgt Ion:164 Resp: 419248

Ion Ratio Lower Upper

164 100

162 99.3 83.0 124.4

160 45.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.344 ng

RT: 12.822 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Tgt Ion:216 Resp: 755626

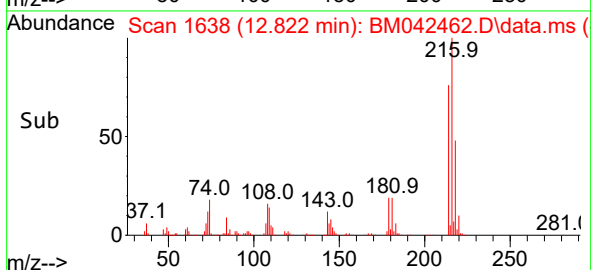
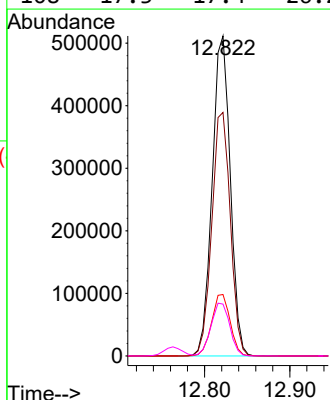
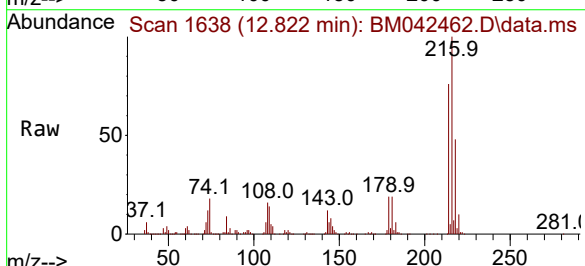
Ion Ratio Lower Upper

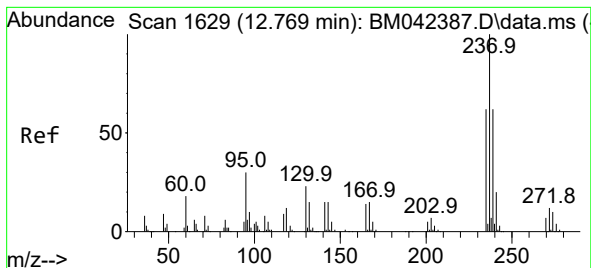
216 100

214 77.9 63.0 94.4

179 19.7 17.2 25.8

108 17.3 17.4 26.2#

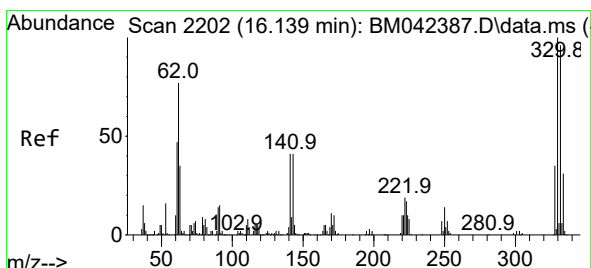
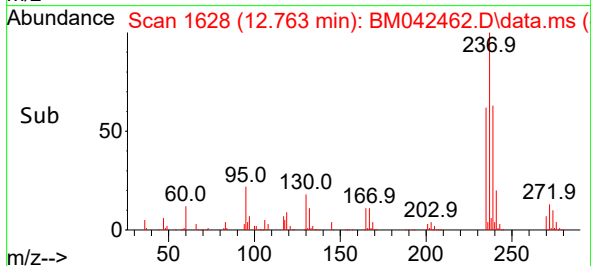
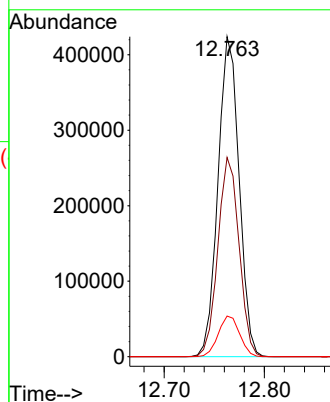
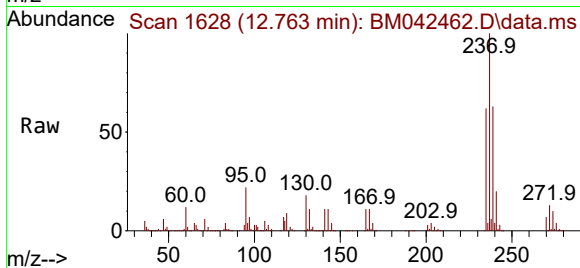




#41
Hexachlorocyclopentadiene
Concen: 93.372 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

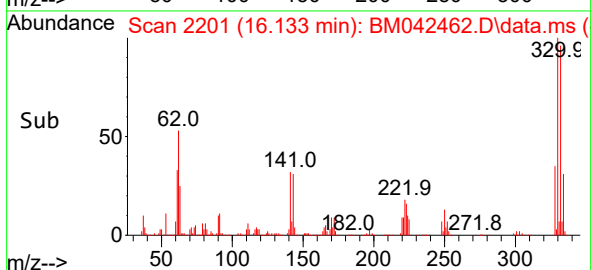
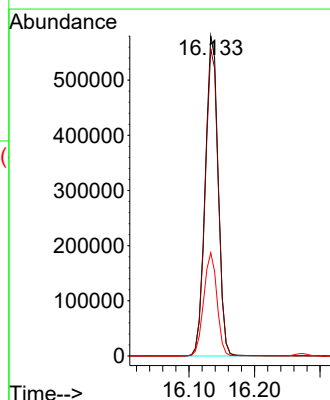
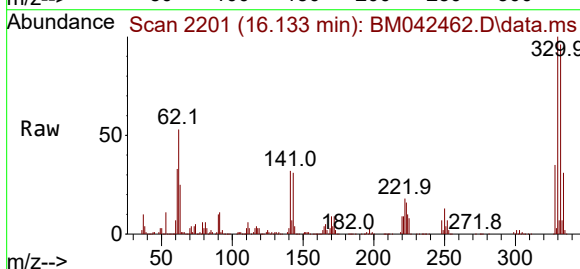
Instrument :
BNA_M
ClientSampleId :
343MS

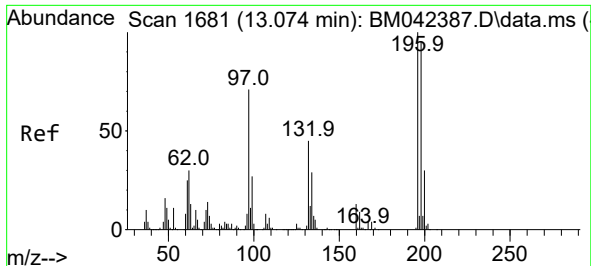
Tgt Ion:237 Resp: 618939
Ion Ratio Lower Upper
237 100
235 62.3 41.5 81.5
272 12.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 169.450 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:330 Resp: 798541
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 32.9 38.0 57.0#

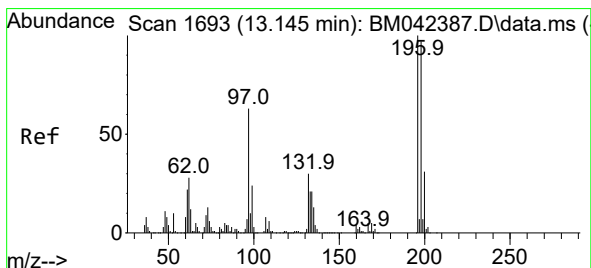
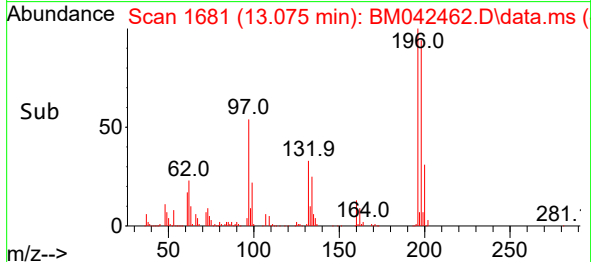
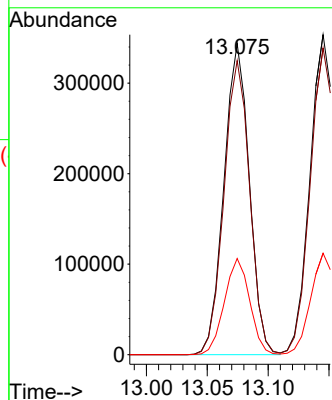
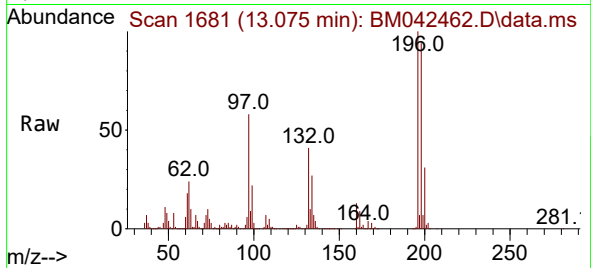




#43
2,4,6-Trichlorophenol
Concen: 63.577 ng
RT: 13.075 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

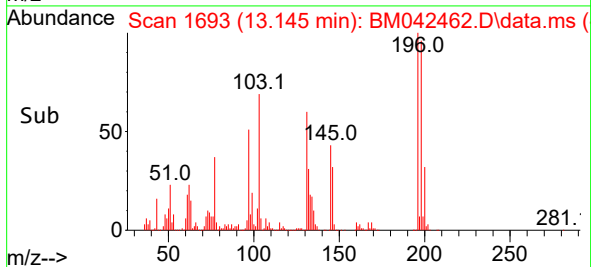
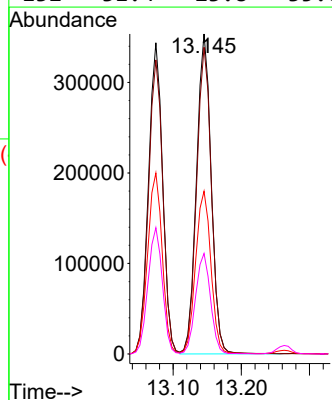
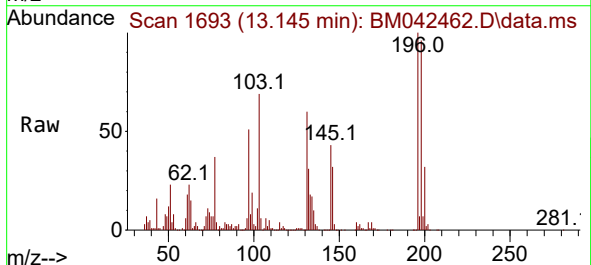
Instrument :
BNA_M
ClientSampleId :
343MS

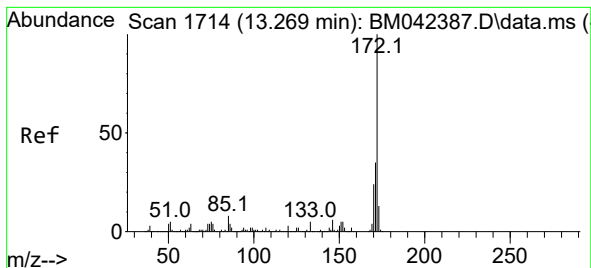
Tgt Ion:196 Resp: 498822
Ion Ratio Lower Upper
196 100
198 94.5 76.3 114.5
200 30.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 57.042 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:196 Resp: 529064
Ion Ratio Lower Upper
196 100
198 95.9 77.9 116.9
97 50.8 50.9 76.3#
132 31.4 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 102.631 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

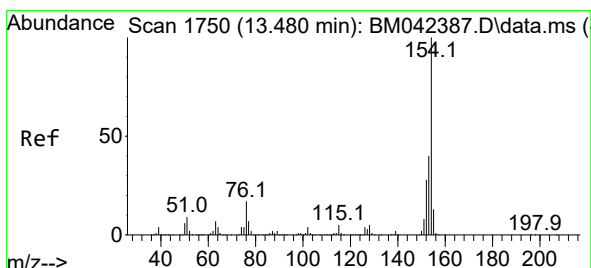
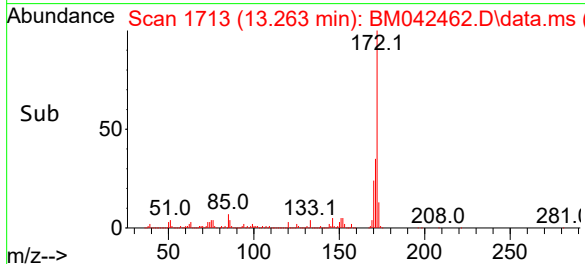
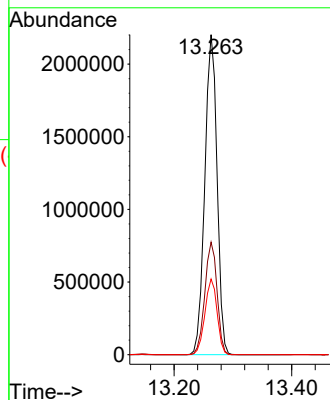
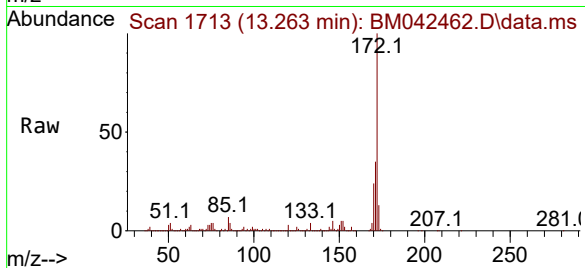
Tgt Ion:172 Resp: 3195263

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 53.732 ng

RT: 13.475 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

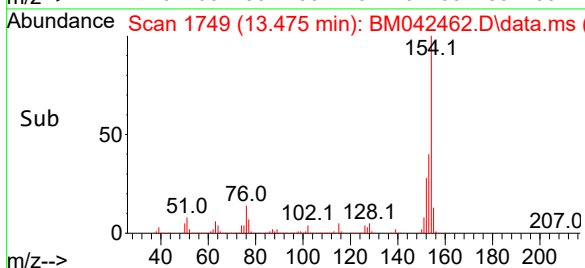
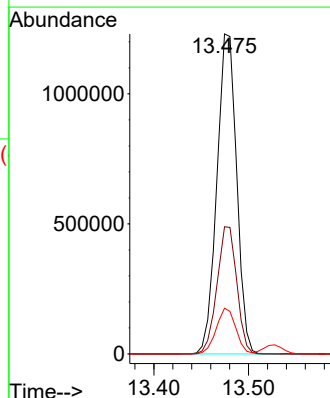
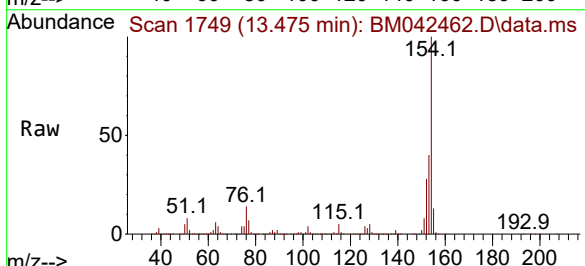
Tgt Ion:154 Resp: 1787092

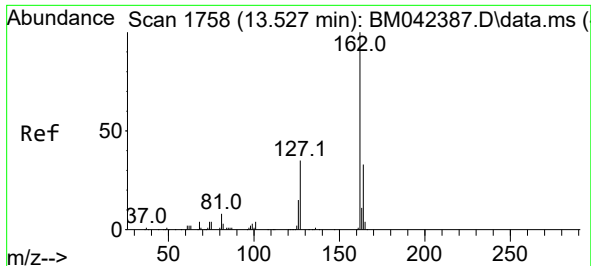
Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

76 14.3 0.0 36.9

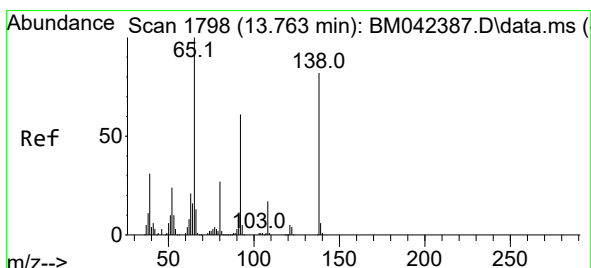
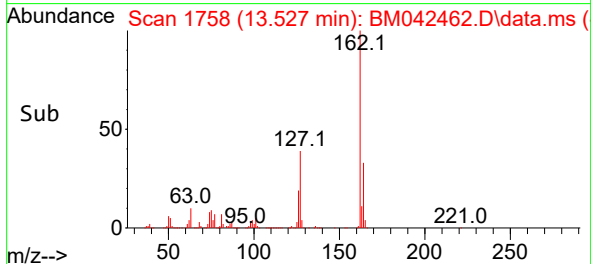
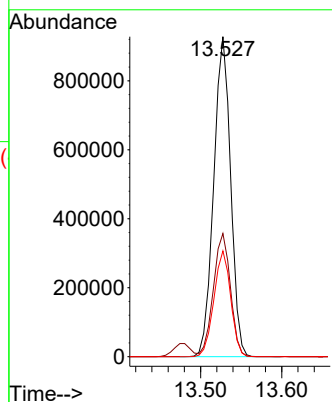
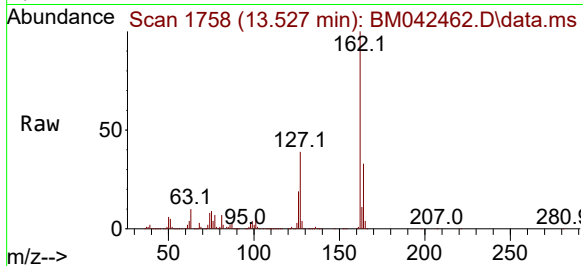




#47
2-Chloronaphthalene
Concen: 55.024 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

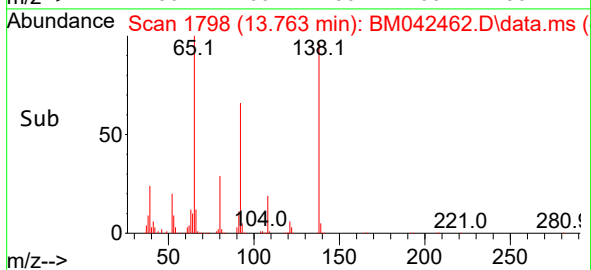
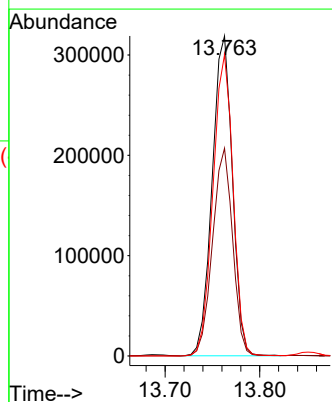
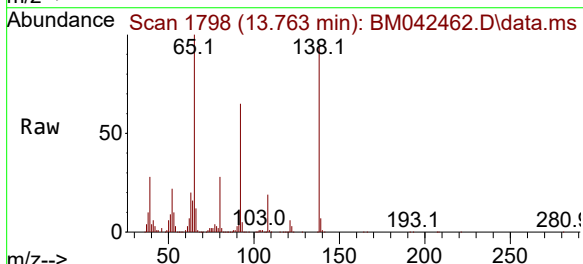
Instrument :
BNA_M
ClientSampleId :
343MS

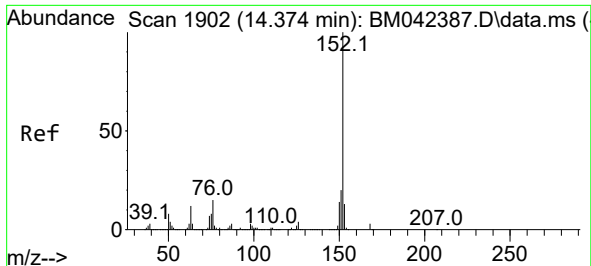
Tgt Ion:162 Resp: 1342620
Ion Ratio Lower Upper
162 100
127 38.5 32.2 48.2
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 44.260 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion: 65 Resp: 473835
Ion Ratio Lower Upper
65 100
92 64.9 49.0 73.6
138 94.1 65.5 98.3

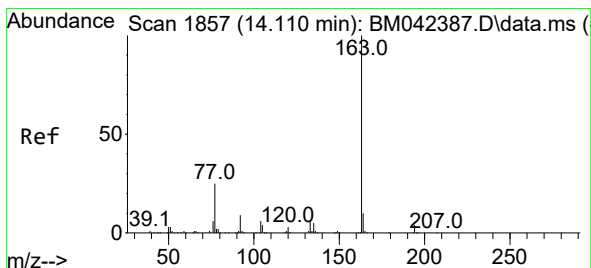
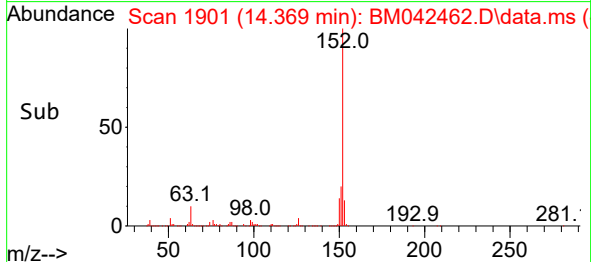
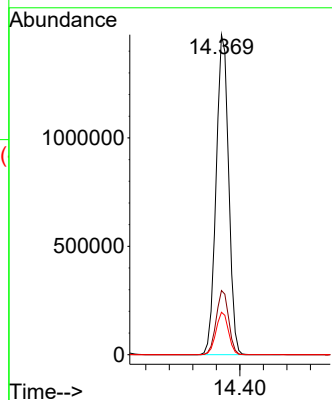
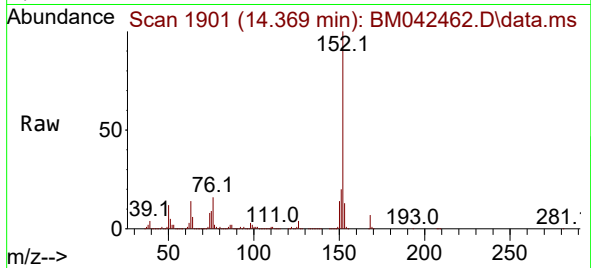




#49
Acenaphthylene
Concen: 55.361 ng
RT: 14.369 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

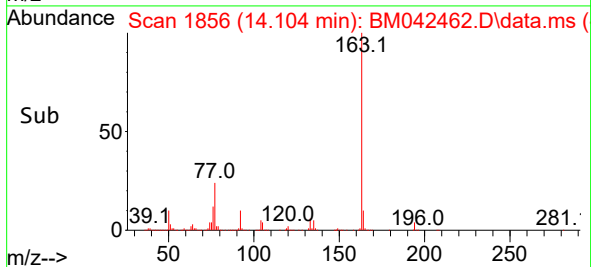
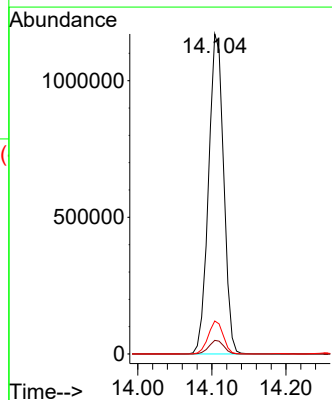
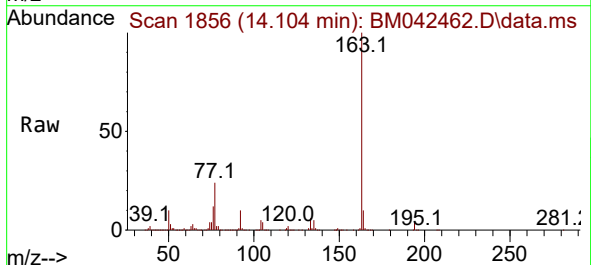
Instrument :
BNA_M
ClientSampleId :
343MS

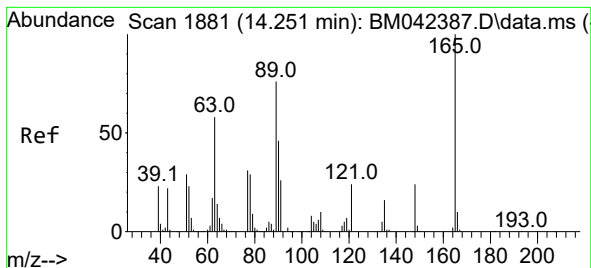
Tgt Ion:152 Resp: 2180850
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 53.942 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:163 Resp: 1658810
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.3 7.9 11.9

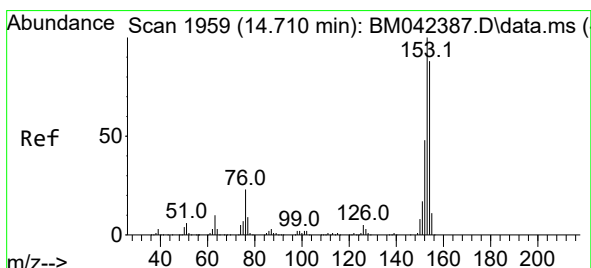
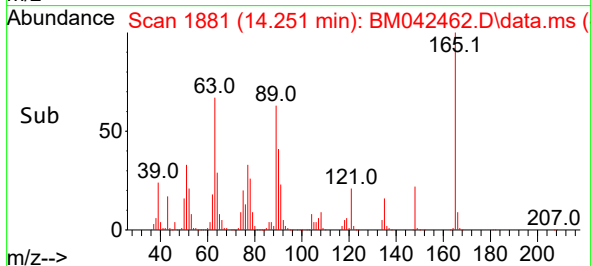
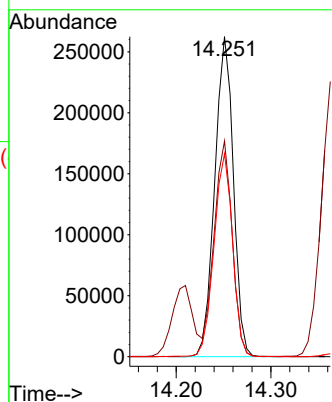
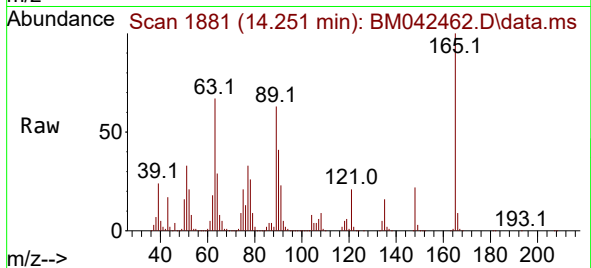




#51
2,6-Dinitrotoluene
Concen: 51.372 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

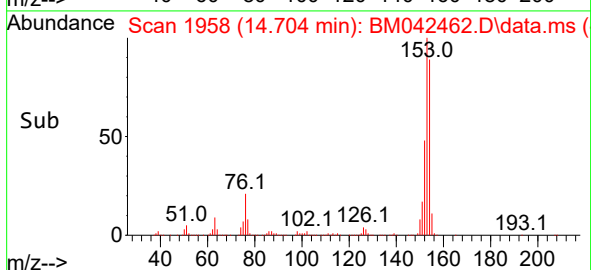
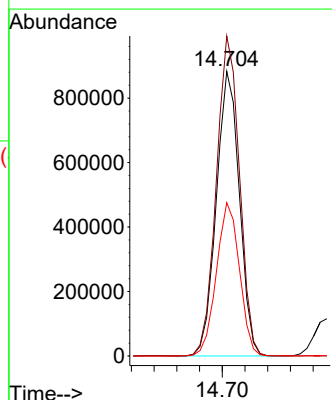
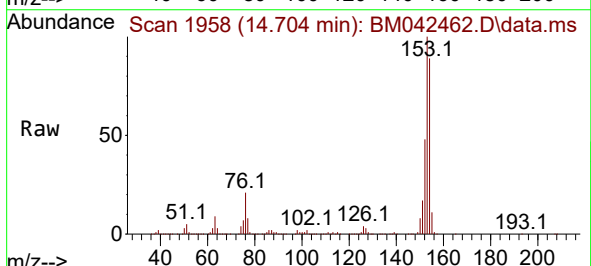
Instrument :
BNA_M
ClientSampleId :
343MS

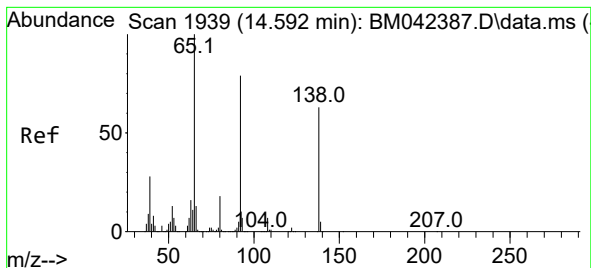
Tgt Ion:165 Resp: 358202
Ion Ratio Lower Upper
165 100
63 67.4 65.3 97.9
89 63.4 60.6 91.0



#52
Acenaphthene
Concen: 52.287 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:154 Resp: 1245275
Ion Ratio Lower Upper
154 100
153 112.4 91.1 136.7
152 53.9 44.0 66.0

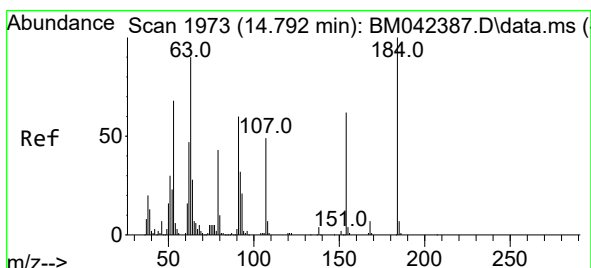
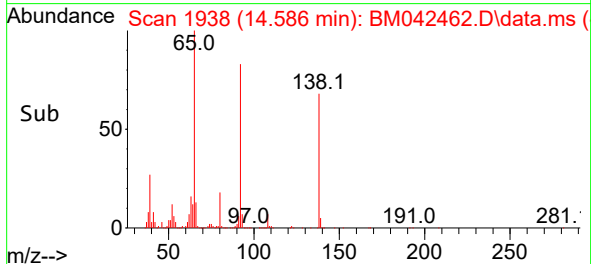
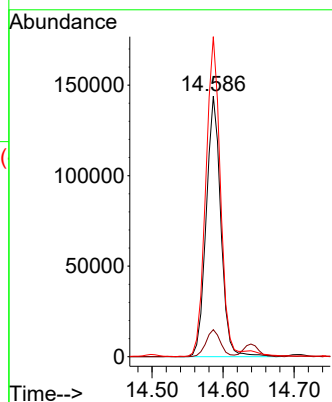
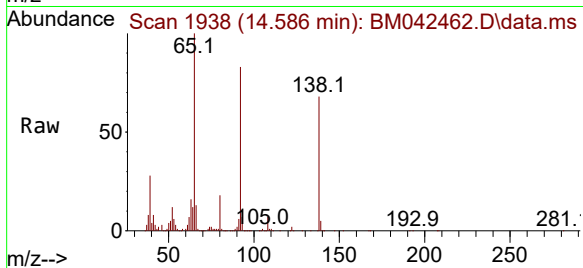




#53
3-Nitroaniline
Concen: 26.670 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

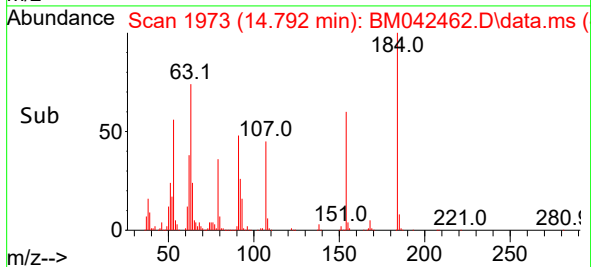
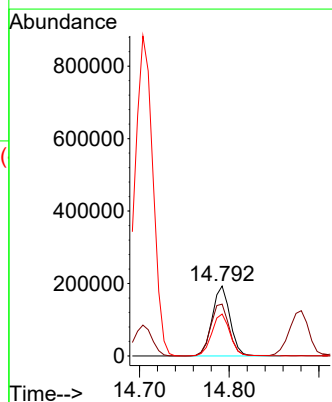
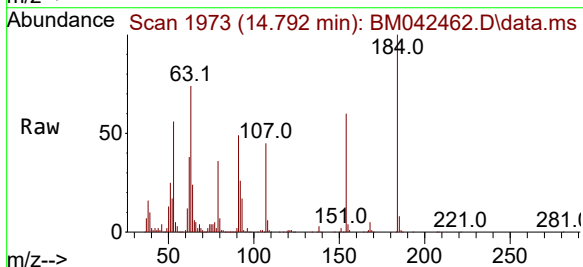
Instrument :
BNA_M
ClientSampleId :
343MS

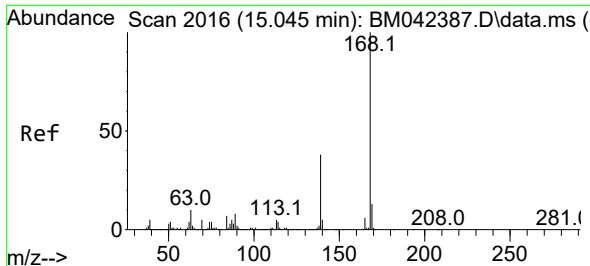
Tgt Ion:138 Resp: 206763
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 122.8 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 63.593 ng
RT: 14.792 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:184 Resp: 265494
Ion Ratio Lower Upper
184 100
63 74.1 72.2 108.2
154 59.9 49.6 74.4

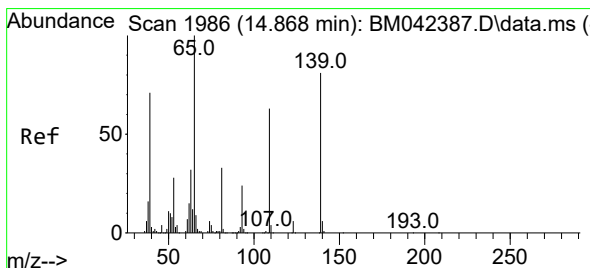
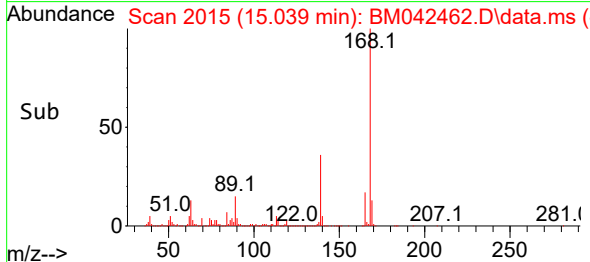
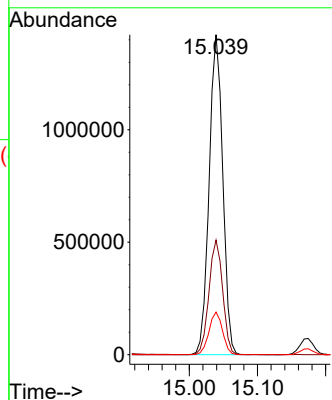
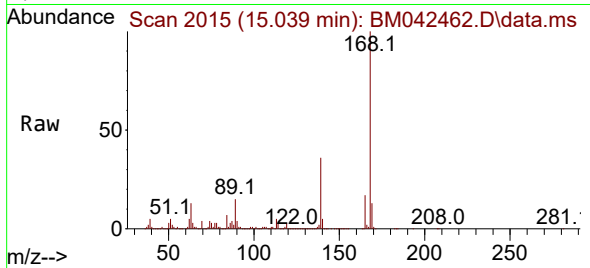




#55
Dibenzenofuran
Concen: 52.416 ng
RT: 15.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

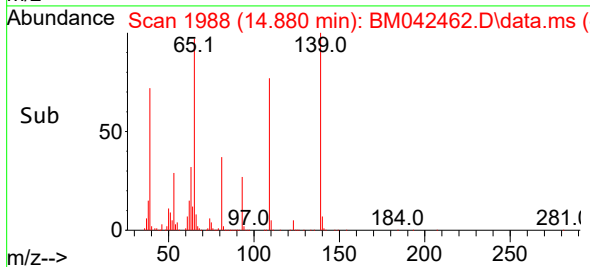
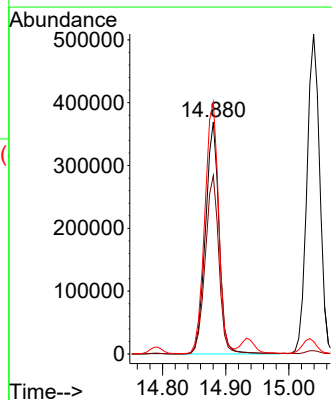
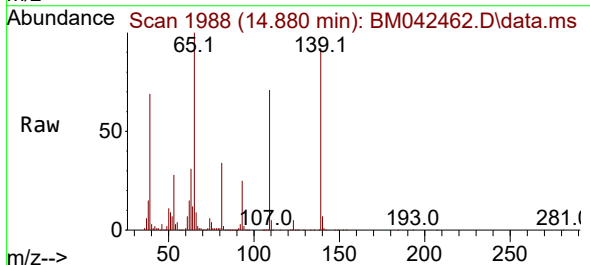
Instrument :
BNA_M
ClientSampleId :
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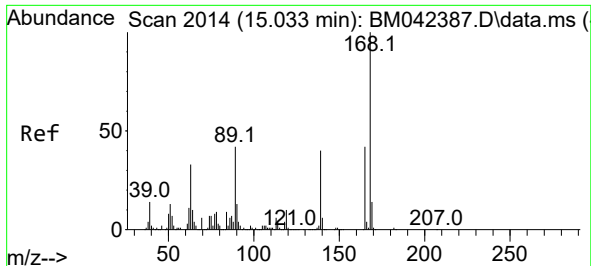
Tgt Ion:168 Resp: 1974463
Ion Ratio Lower Upper
168 100
139 35.8 30.6 46.0
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 88.125 ng
RT: 14.880 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:139 Resp: 551945
Ion Ratio Lower Upper
139 100
109 76.9 58.0 98.0
65 108.6 104.2 144.2

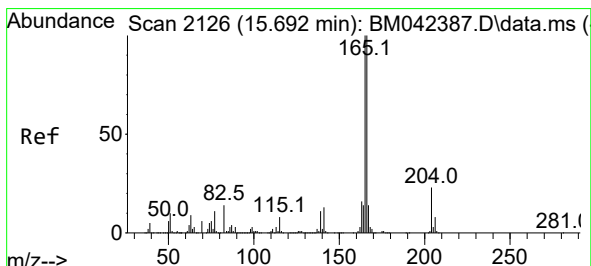
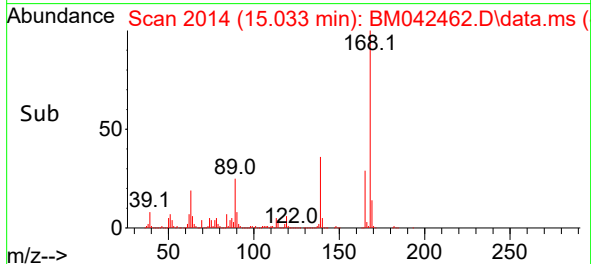
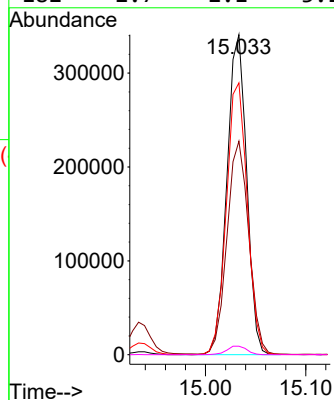
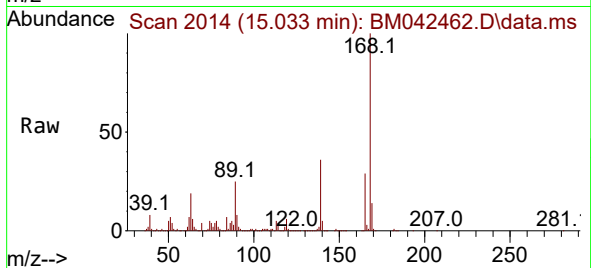




#57
2,4-Dinitrotoluene
Concen: 49.891 ng
RT: 15.033 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

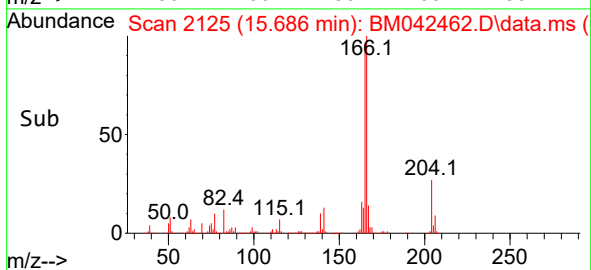
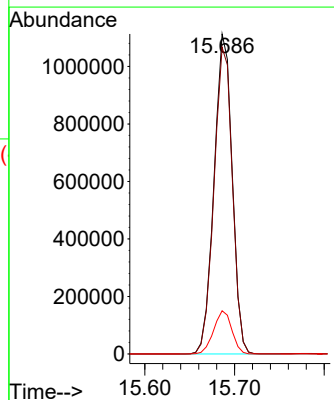
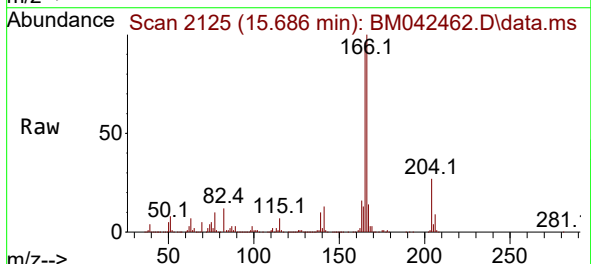
Instrument :
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ClientSampleId :
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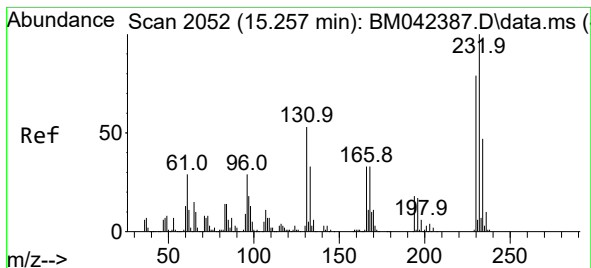
Tgt Ion:165 Resp: 464950
Ion Ratio Lower Upper
165 100
63 66.7 62.9 94.3
89 84.9 80.2 120.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 52.556 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:166 Resp: 1562202
Ion Ratio Lower Upper
166 100
165 95.8 79.6 119.4
167 13.5 10.9 16.3

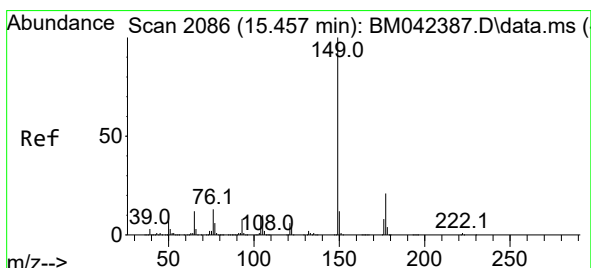
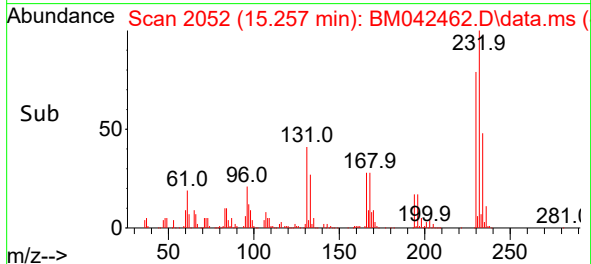
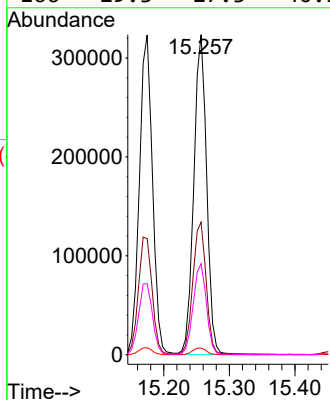
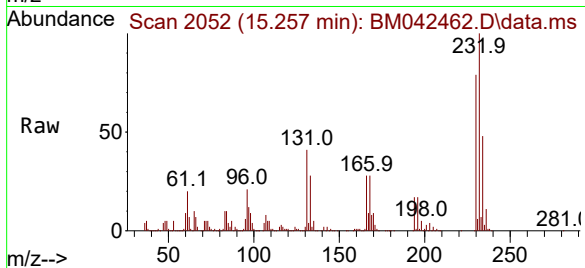




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.385 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

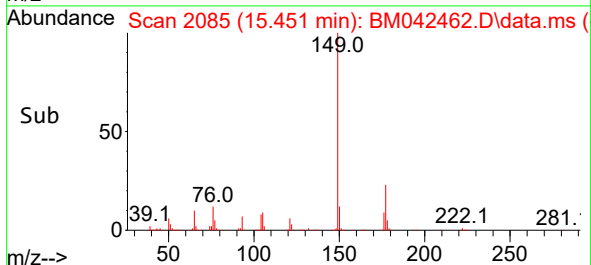
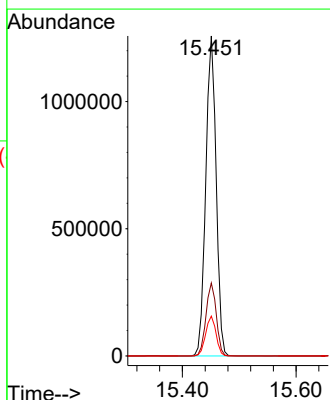
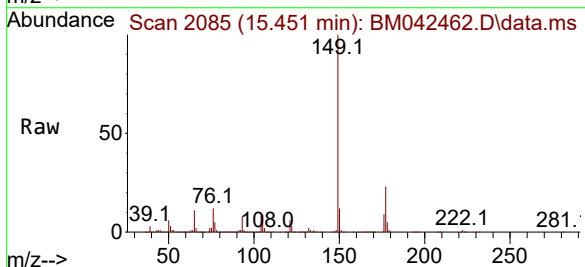
Instrument :
BNA_M
ClientSampleId :
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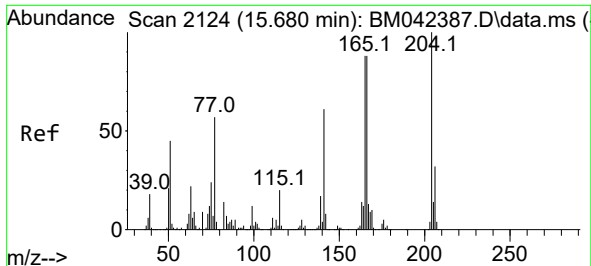
Tgt Ion:232 Resp: 441644
Ion Ratio Lower Upper
232 100
131 42.8 42.8 64.2
130 2.3 2.2 3.2
166 29.3 27.3 40.9



#60
Diethylphthalate
Concen: 52.257 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:149 Resp: 1585846
Ion Ratio Lower Upper
149 100
177 22.8 16.7 25.1
150 12.5 9.8 14.6

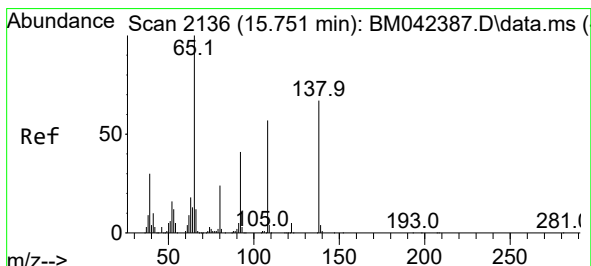
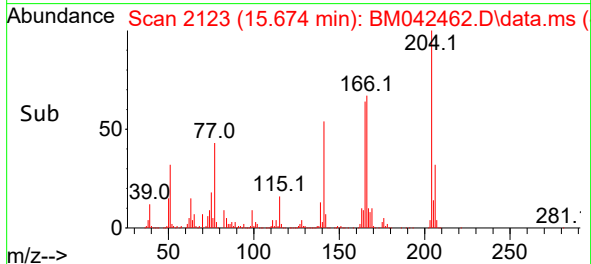
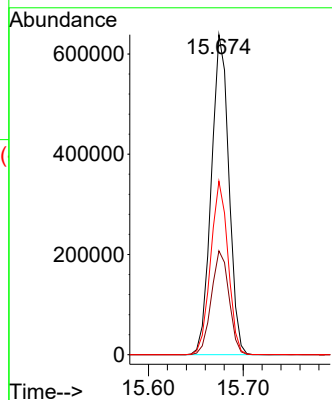
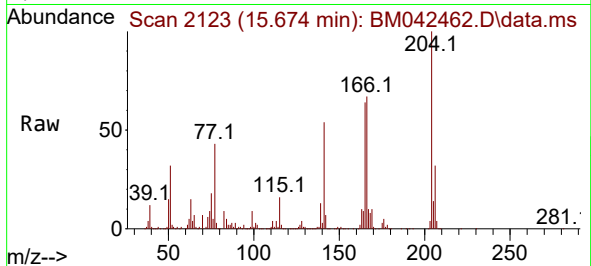




#61
4-Chlorophenyl-phenylether
Concen: 58.577 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

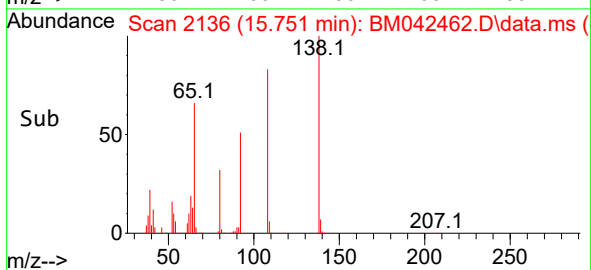
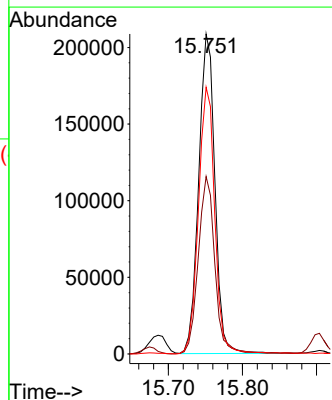
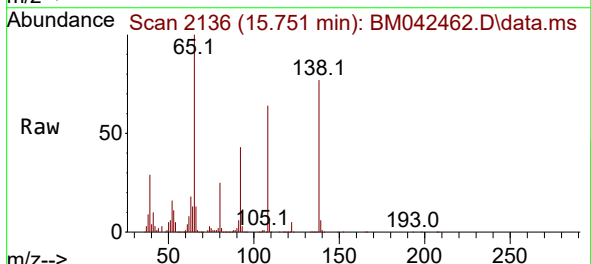
Instrument :
BNA_M
ClientSampleId :
343MS

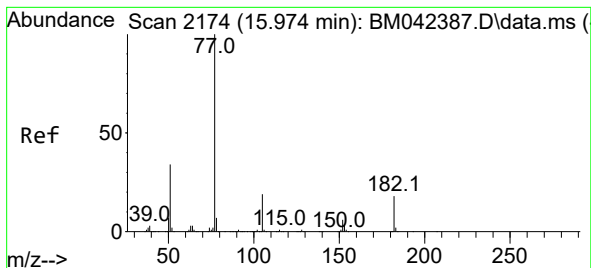
Tgt Ion:204 Resp: 819992
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 54.2 49.1 73.7



#62
4-Nitroaniline
Concen: 40.762 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:138 Resp: 317122
Ion Ratio Lower Upper
138 100
92 55.4 40.4 80.4
108 83.4 65.3 105.3





#63

Azobenzene

Concen: 47.231 ng

RT: 15.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

Tgt Ion: 77 Resp: 1719654

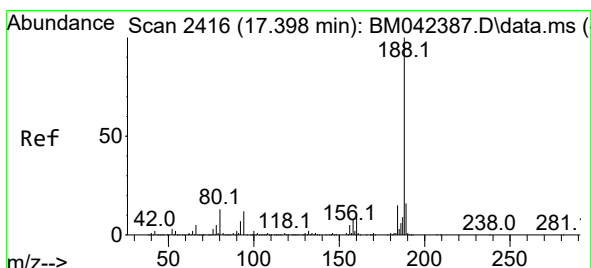
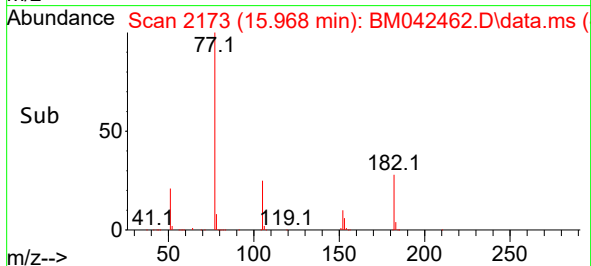
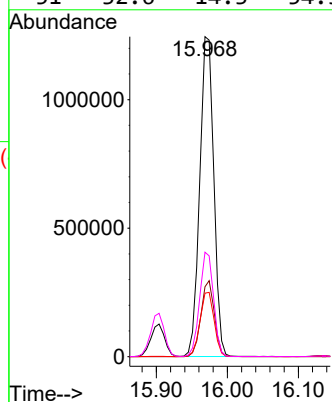
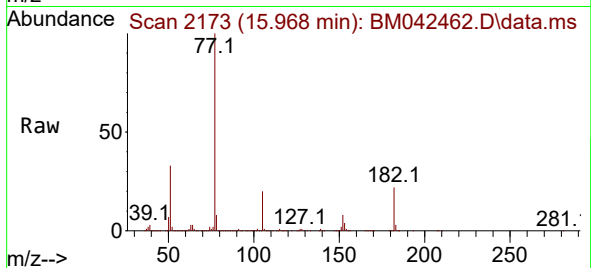
Ion Ratio Lower Upper

77 100

182 21.9 0.0 37.7

105 19.8 0.0 38.9

51 32.6 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: BM042462.D

Acq: 26 Oct 2023 21:01

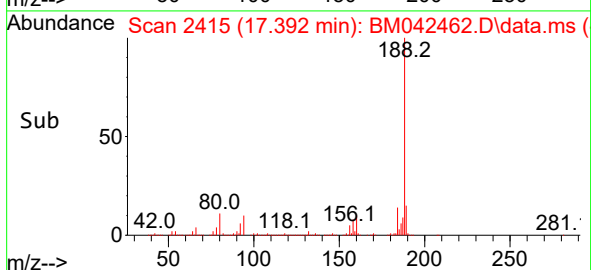
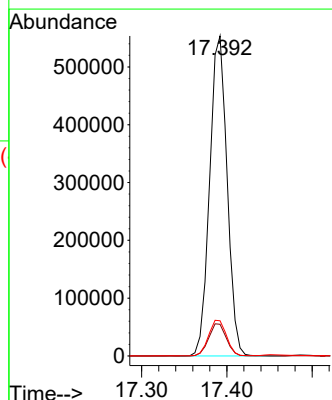
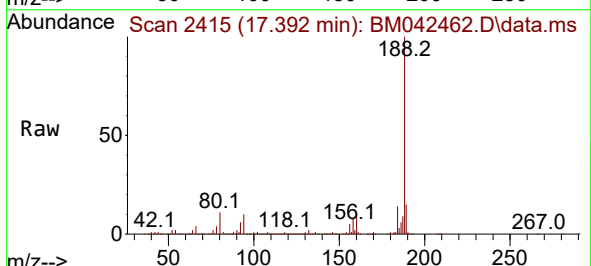
Tgt Ion:188 Resp: 786860

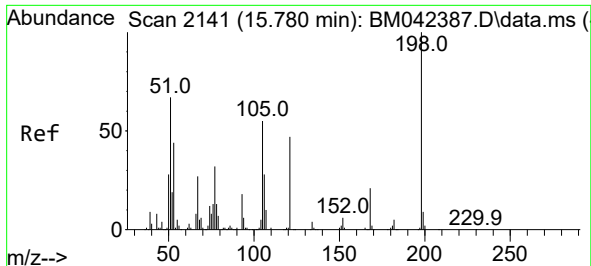
Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.0

80 11.0 10.7 16.1

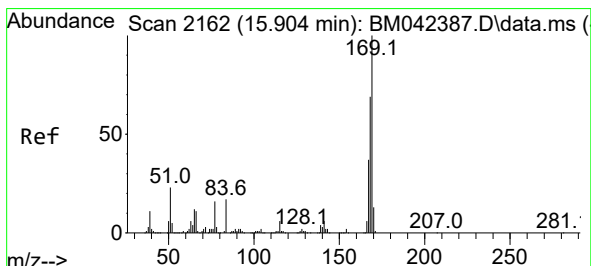
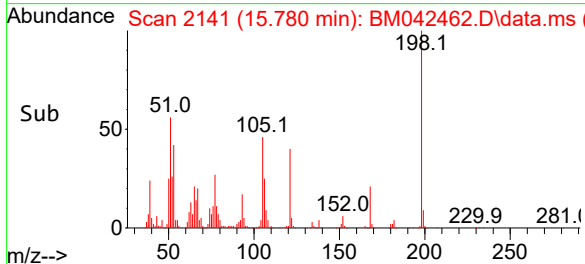
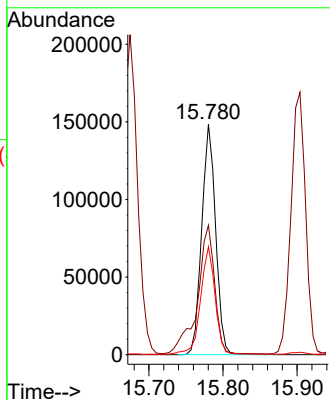
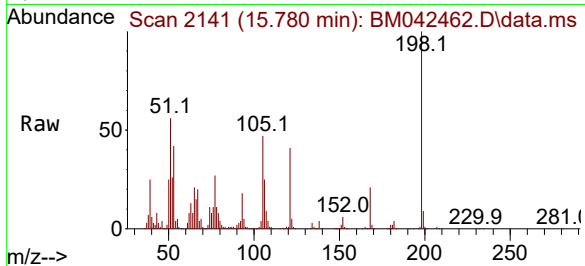




#65
4,6-Dinitro-2-methylphenol
Concen: 39.714 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

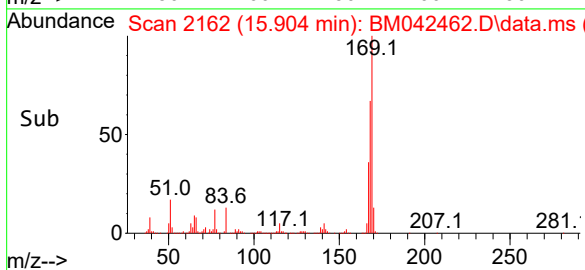
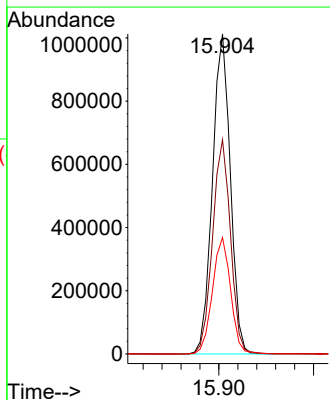
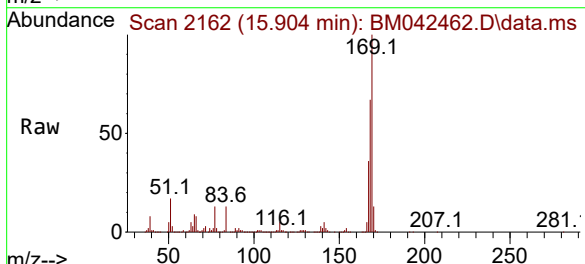
Instrument :
BNA_M
ClientSampleId :
343MS

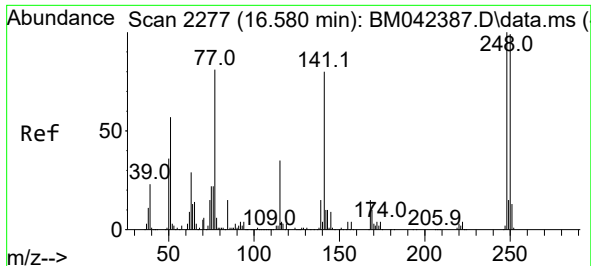
Tgt Ion:198 Resp: 193558
Ion Ratio Lower Upper
198 100
51 56.1 54.1 94.1
105 46.7 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 55.874 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:169 Resp: 1324209
Ion Ratio Lower Upper
169 100
168 67.0 55.4 83.2
167 36.4 29.9 44.9

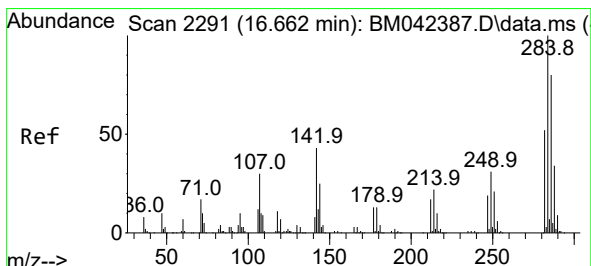
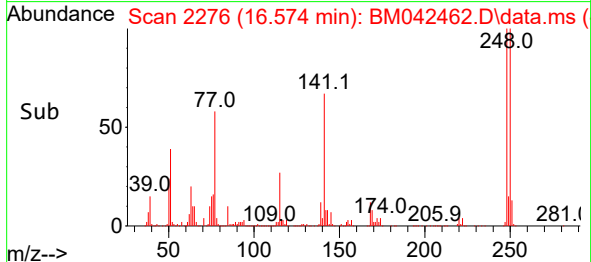
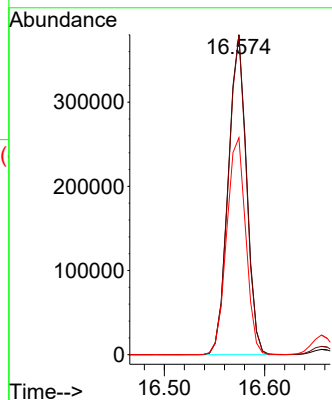
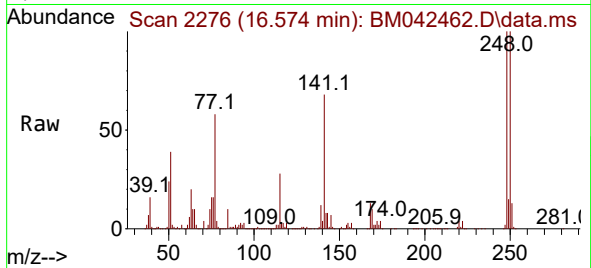




#67
4-Bromophenyl-phenylether
Concen: 66.150 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

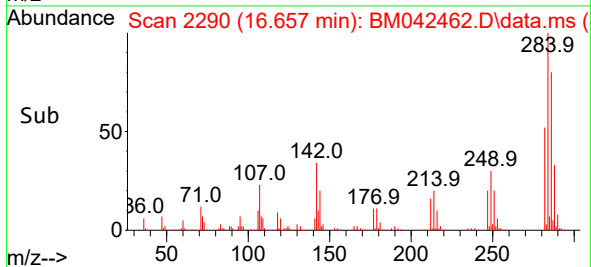
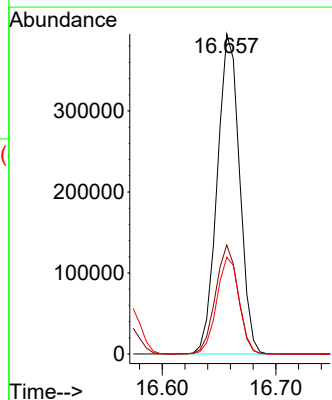
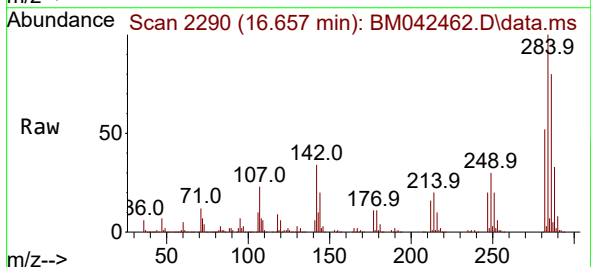
Instrument :
BNA_M
ClientSampleId :
343MS

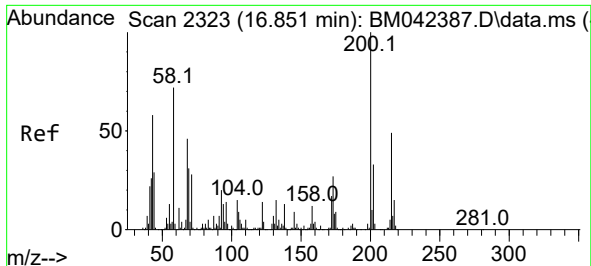
Tgt Ion:248 Resp: 482416
Ion Ratio Lower Upper
248 100
250 99.8 79.4 119.2
141 67.8 64.3 96.5



#68
Hexachlorobenzene
Concen: 69.367 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:284 Resp: 540739
Ion Ratio Lower Upper
284 100
142 34.1 34.2 51.2#
249 30.2 24.7 37.1

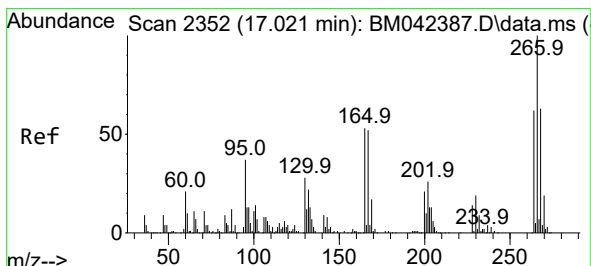
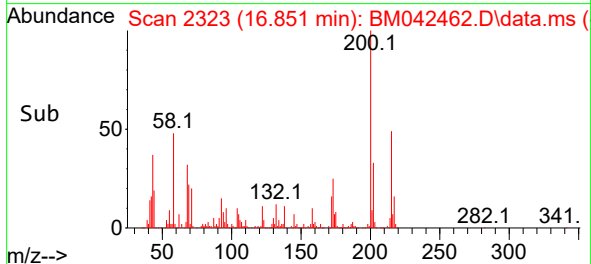
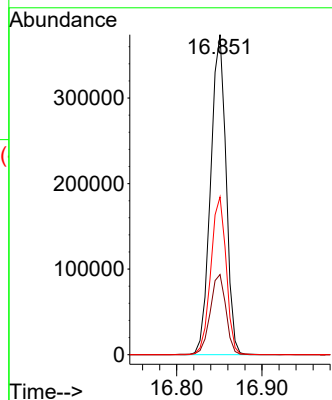
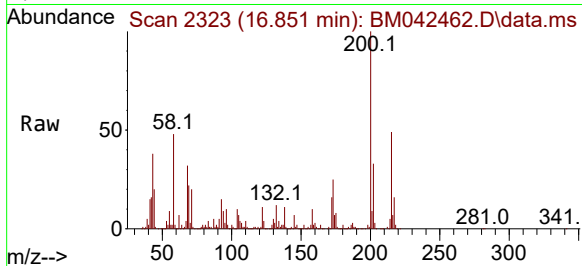




#69
 Atrazine
 Concen: 78.379 ng
 RT: 16.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042462.D
 Acq: 26 Oct 2023 21:01

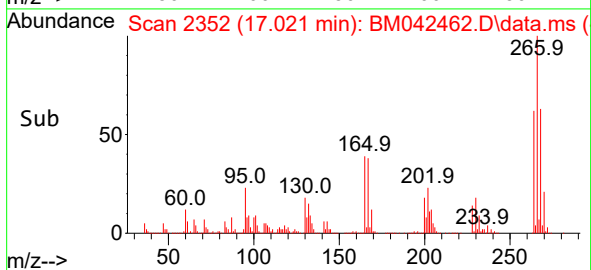
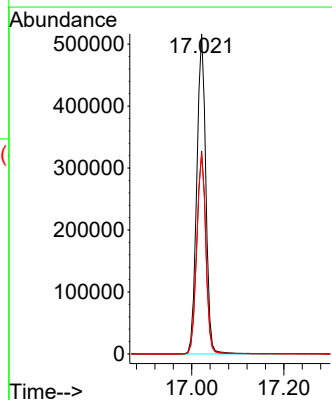
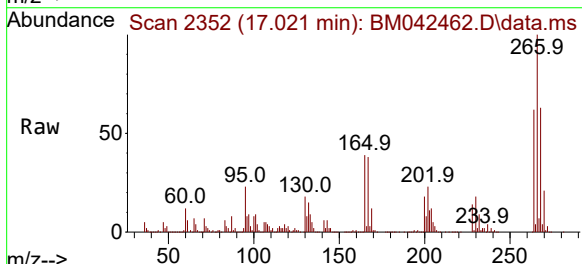
Instrument :
 BNA_M
 ClientSampleId :
 343MS

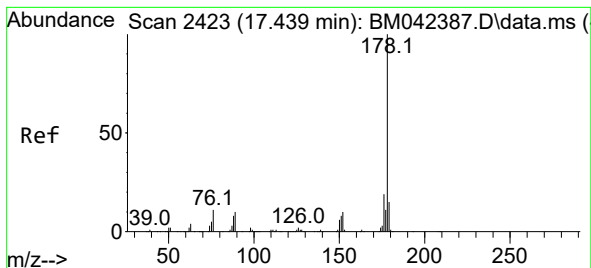
Tgt Ion:200 Resp: 471066
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.6 46.6
 215 49.3 28.6 68.6



#70
 Pentachlorophenol
 Concen: 105.543 ng
 RT: 17.021 min Scan# 2352
 Delta R.T. 0.000 min
 Lab File: BM042462.D
 Acq: 26 Oct 2023 21:01

Tgt Ion:266 Resp: 700278
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.6 76.0
 264 62.5 49.4 74.0





#71

Phenanthrene

Concen: 53.191 ng

RT: 17.433 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

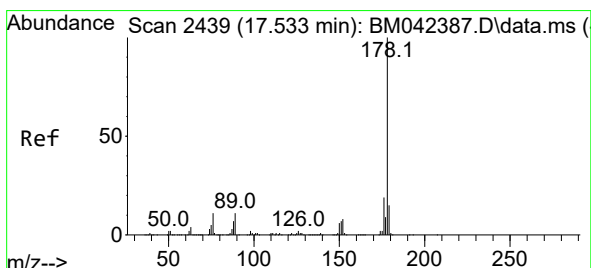
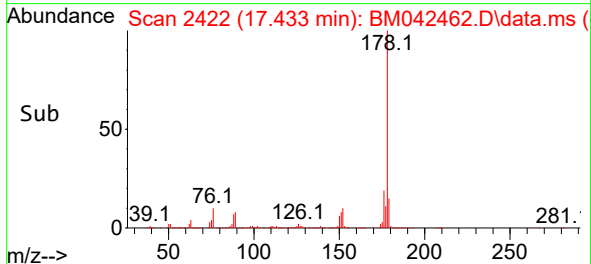
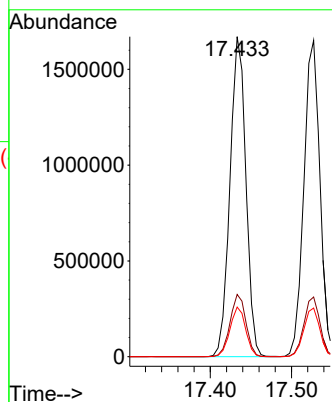
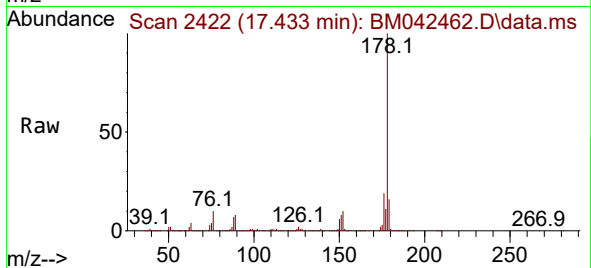
Tgt Ion:178 Resp: 2276871

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 53.765 ng

RT: 17.527 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

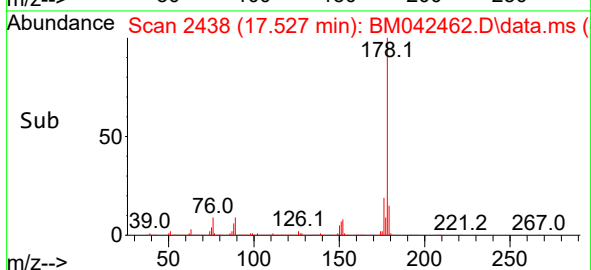
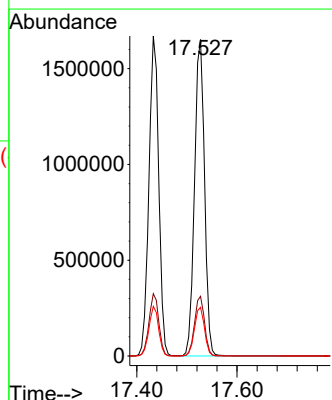
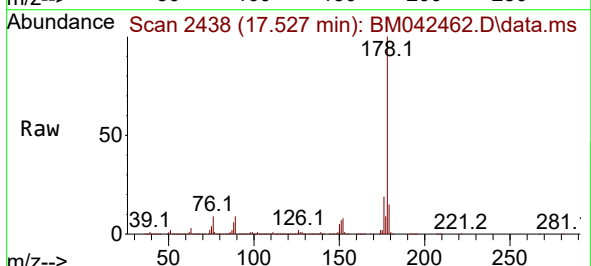
Tgt Ion:178 Resp: 2279296

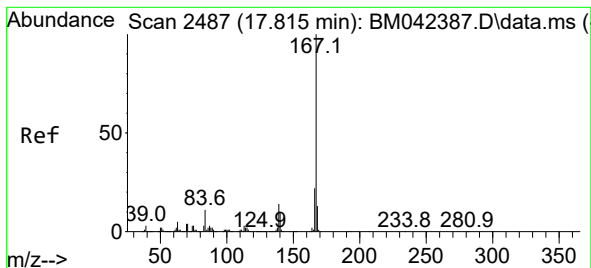
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.4 12.1 18.1





#73

Carbazole

Concen: 50.637 ng

RT: 17.810 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

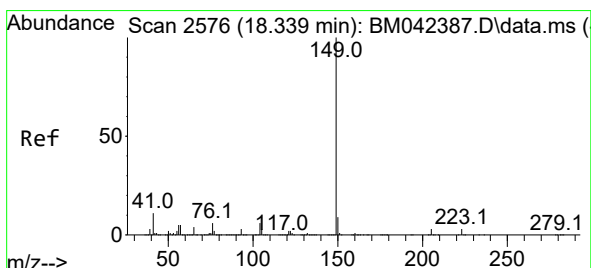
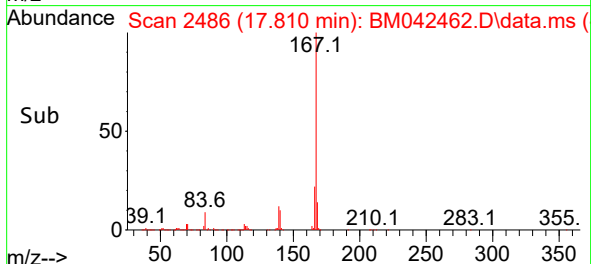
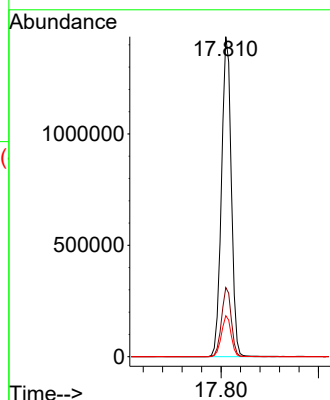
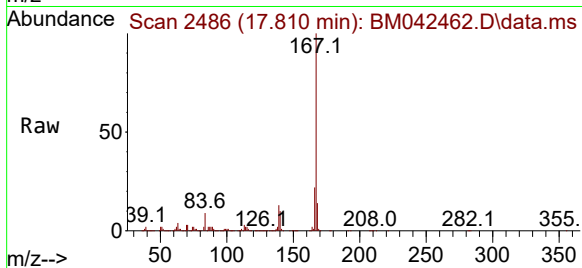
Tgt Ion:167 Resp: 2013859

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.780 ng

RT: 18.327 min Scan# 2574

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

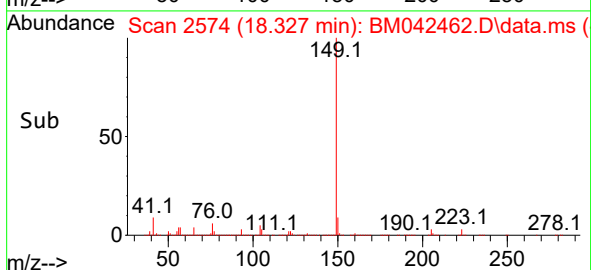
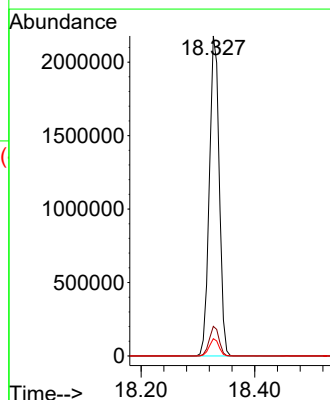
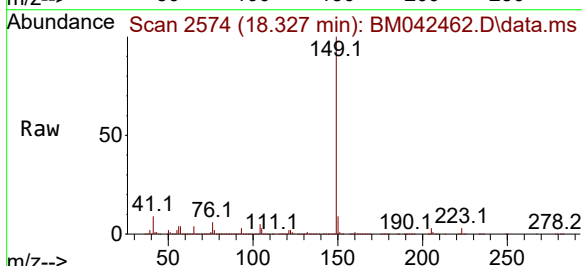
Tgt Ion:149 Resp: 2619553

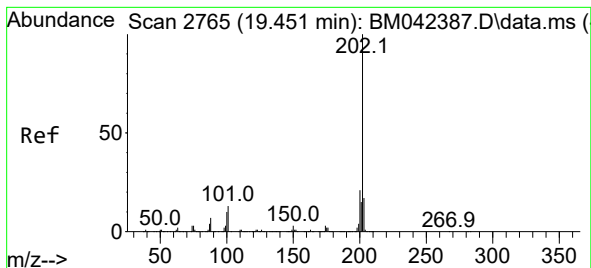
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.4 4.6 7.0





#75

Fluoranthene

Concen: 50.118 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

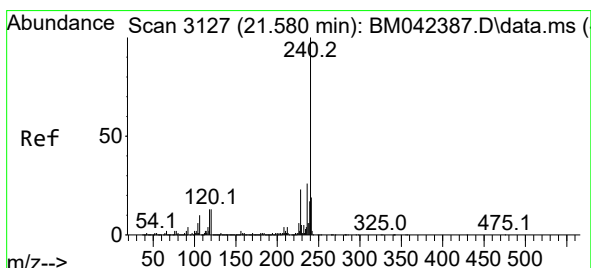
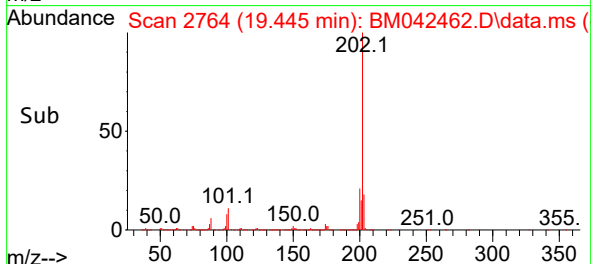
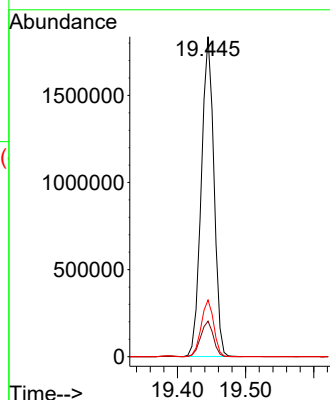
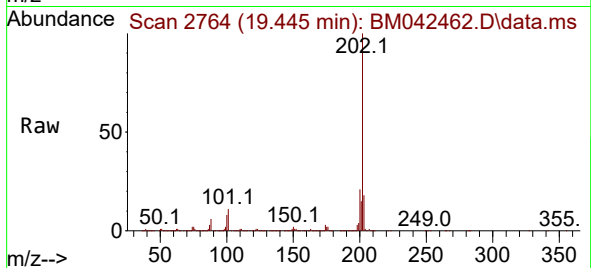
Tgt Ion:202 Resp: 2362734

Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.3

203 17.7 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: BM042462.D

Acq: 26 Oct 2023 21:01

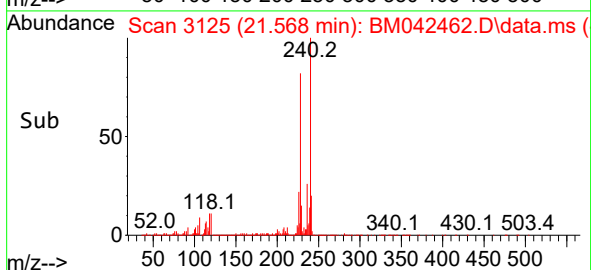
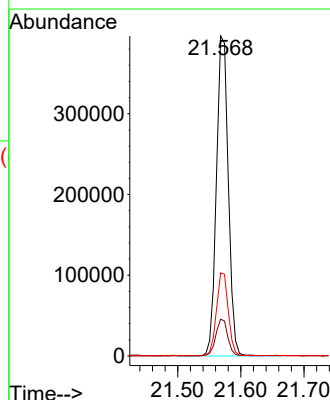
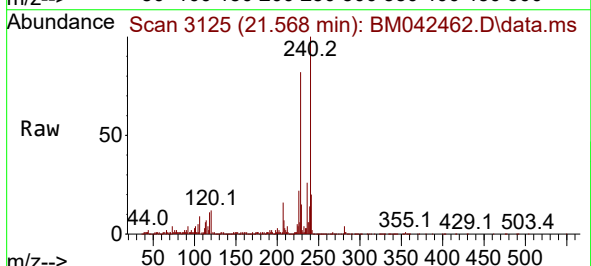
Tgt Ion:240 Resp: 517759

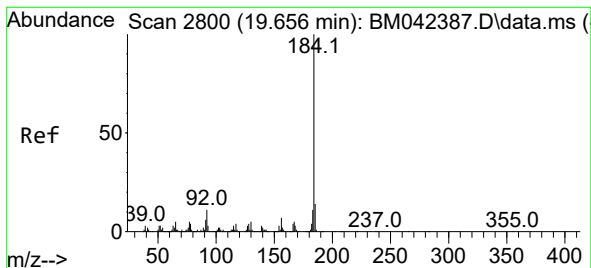
Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

236 26.0 20.7 31.1





#77

Benzidine

Concen: 106.835 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

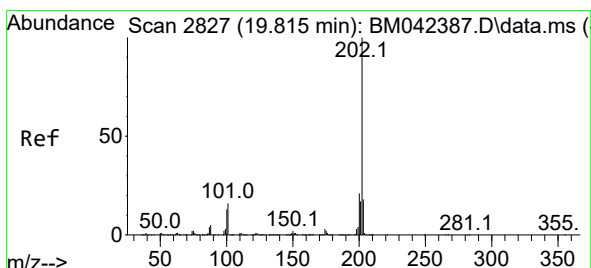
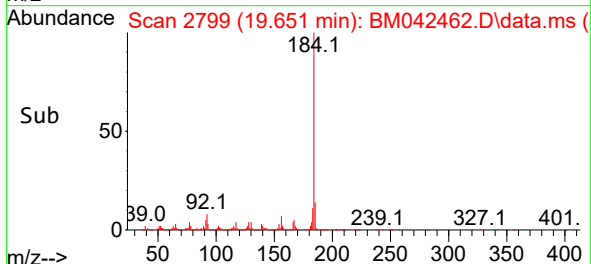
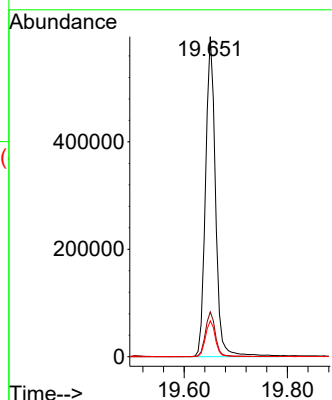
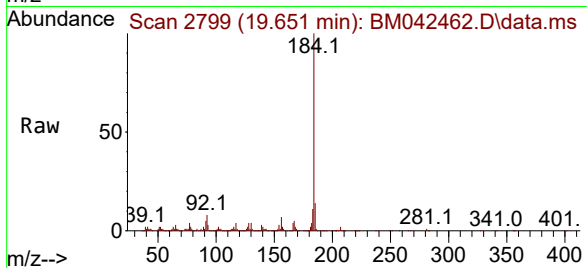
Tgt Ion:184 Resp: 800088

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 66.180 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

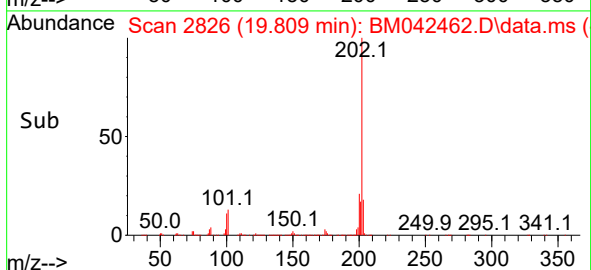
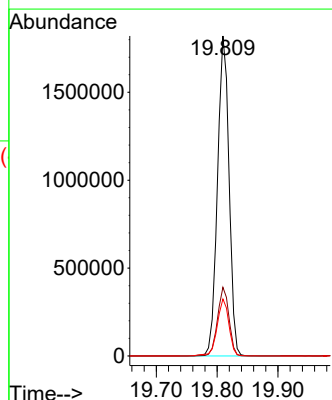
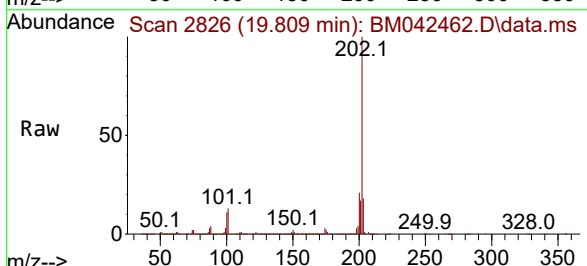
Tgt Ion:202 Resp: 2394448

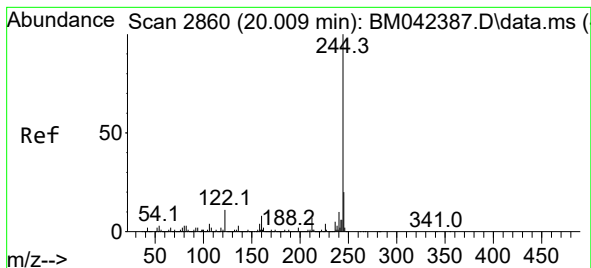
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 128.291 ng

RT: 20.004 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

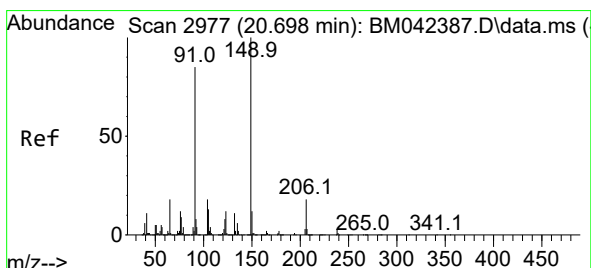
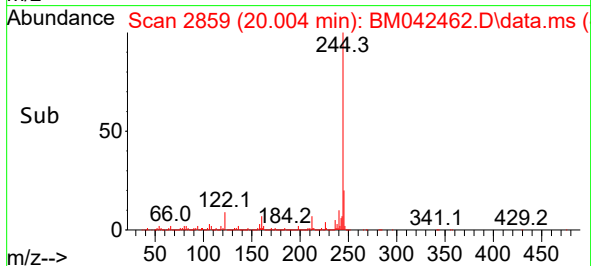
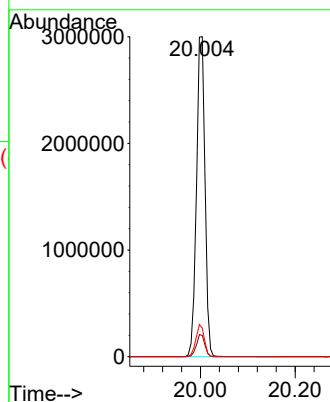
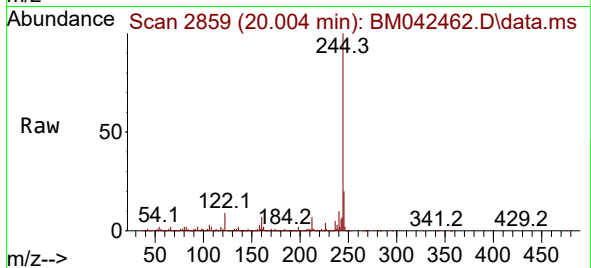
Tgt Ion:244 Resp: 3745375

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 8.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 60.764 ng

RT: 20.686 min Scan# 2975

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

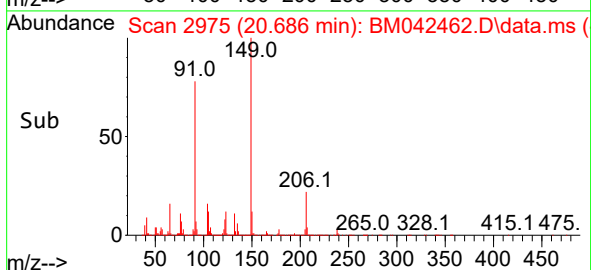
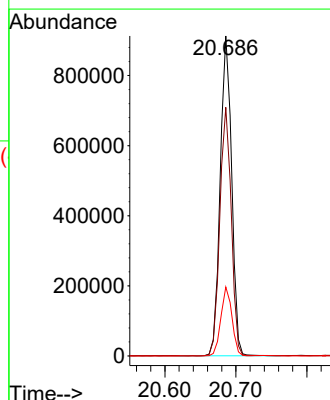
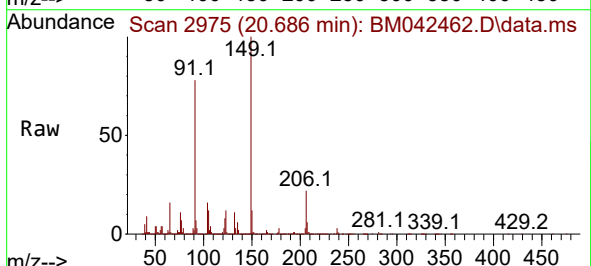
Tgt Ion:149 Resp: 1011814

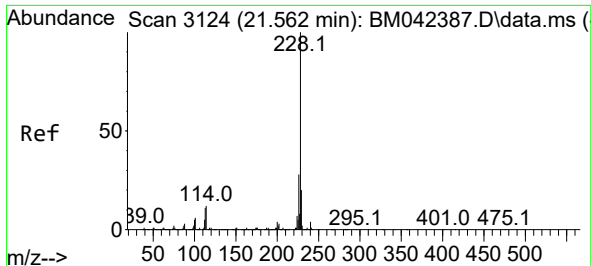
Ion Ratio Lower Upper

149 100

91 77.7 68.3 102.5

206 21.5 14.6 22.0

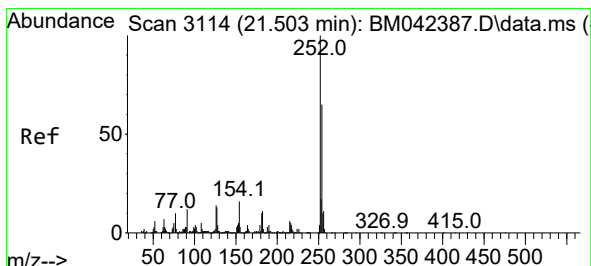
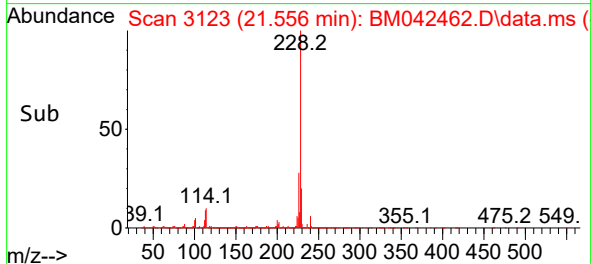
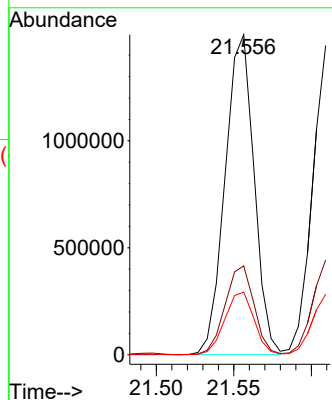
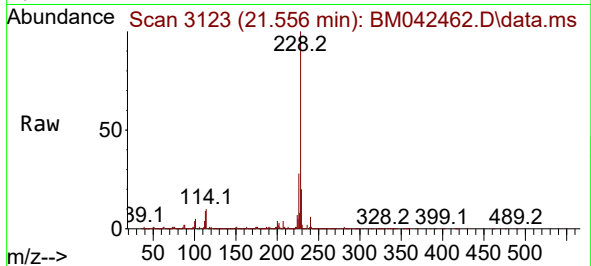




#81
Benzo(a)anthracene
Concen: 56.109 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

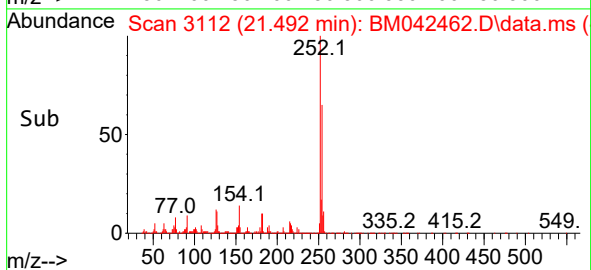
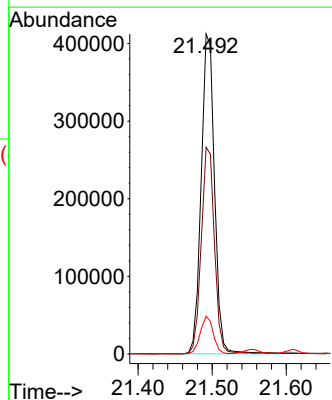
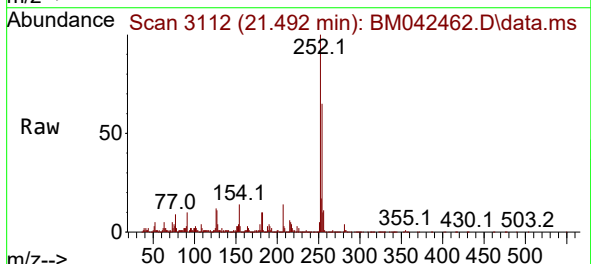
Instrument :
BNA_M
ClientSampleId :
343MS

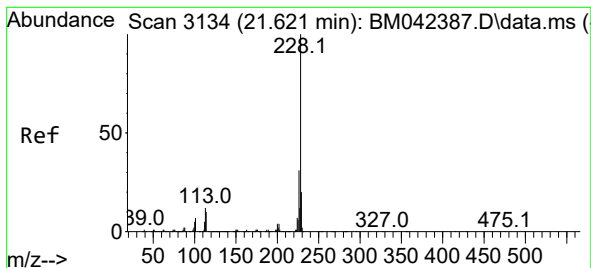
Tgt Ion:228 Resp: 1947522
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 49.667 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:252 Resp: 514619
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.2
126 11.8 11.4 17.2





#83

Chrysene

Concen: 52.416 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

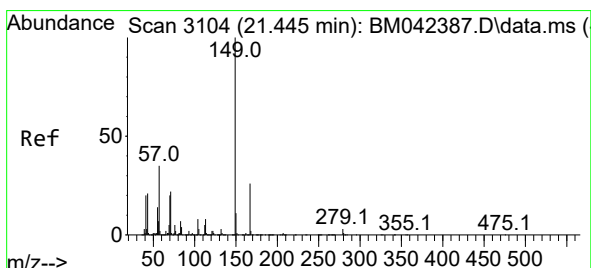
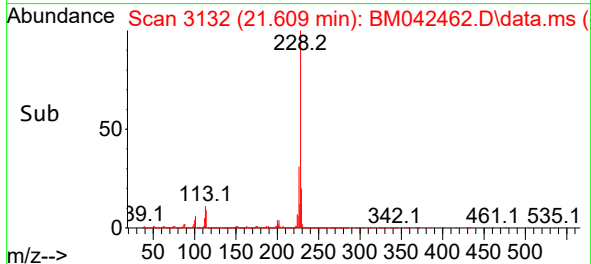
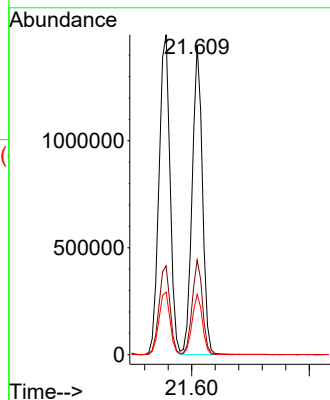
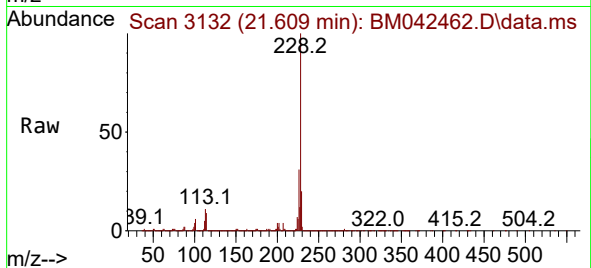
Tgt Ion:228 Resp: 1747386

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.205 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

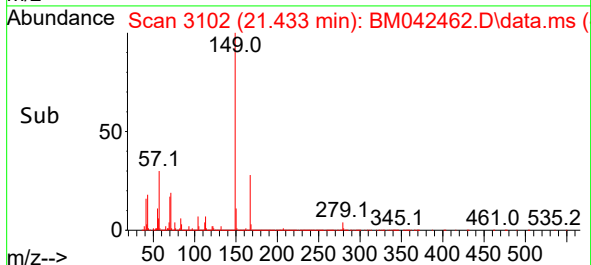
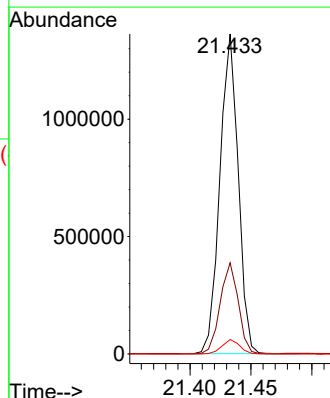
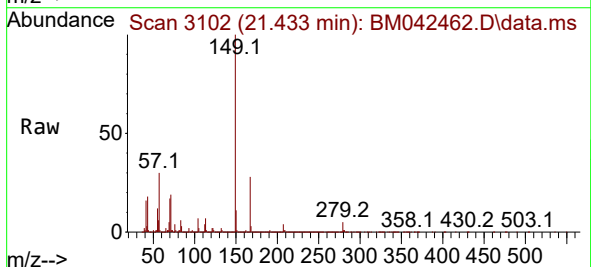
Tgt Ion:149 Resp: 1425185

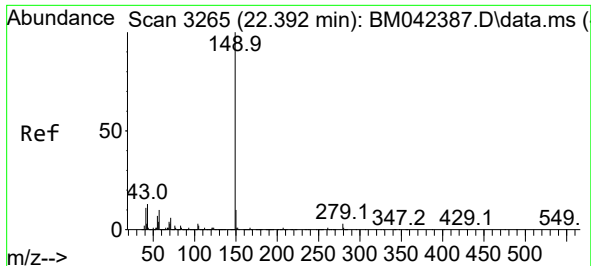
Ion Ratio Lower Upper

149 100

167 28.5 20.9 31.3

279 4.5 2.7 4.1#

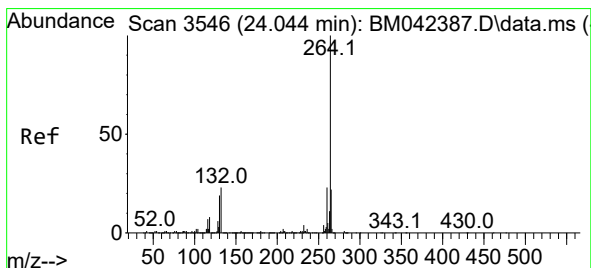
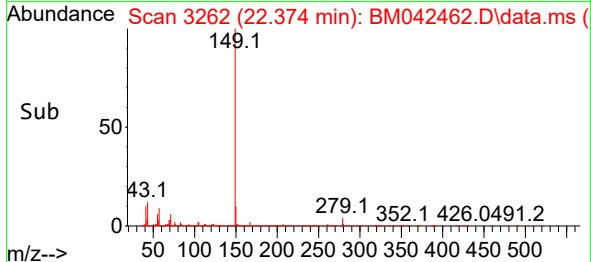
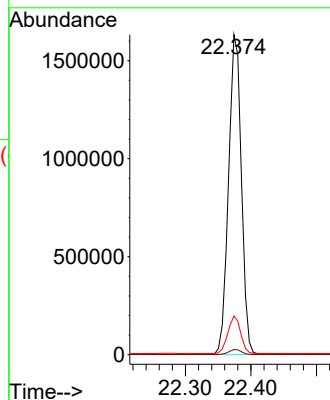
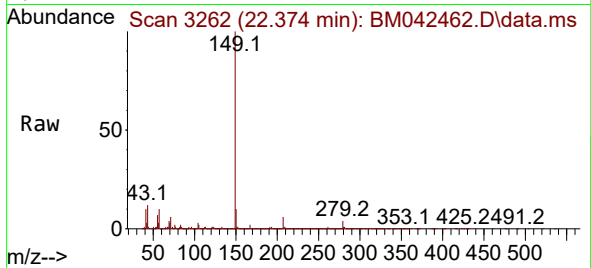




#85
Di-n-octyl phthalate
Concen: 54.393 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

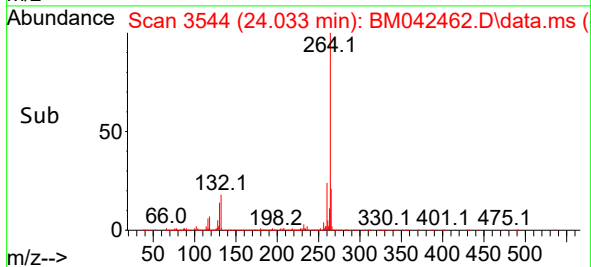
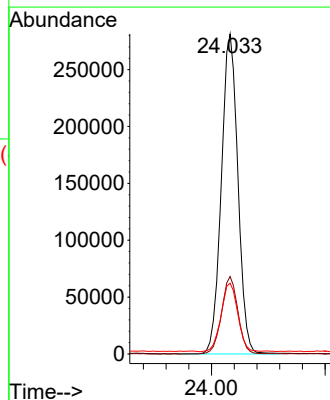
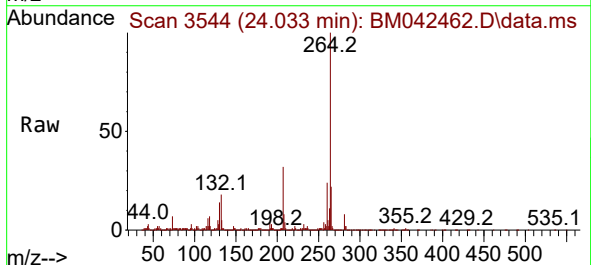
Instrument :
BNA_M
ClientSampleId :
343MS

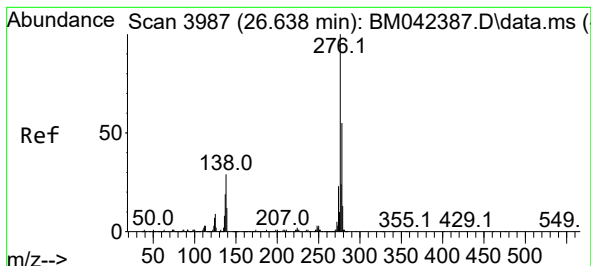
Tgt Ion:149 Resp: 2210499
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:264 Resp: 570737
Ion Ratio Lower Upper
264 100
260 24.2 18.6 27.8
265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.569 ng

RT: 26.627 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

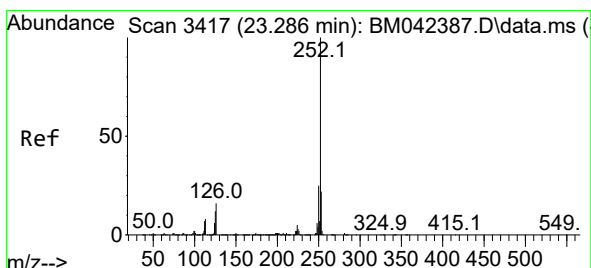
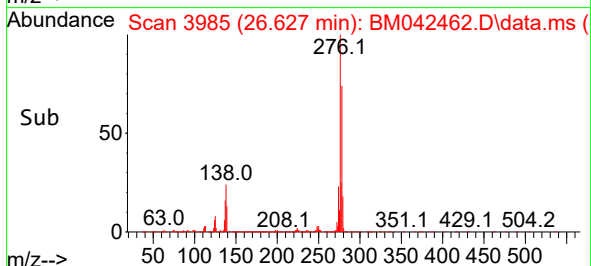
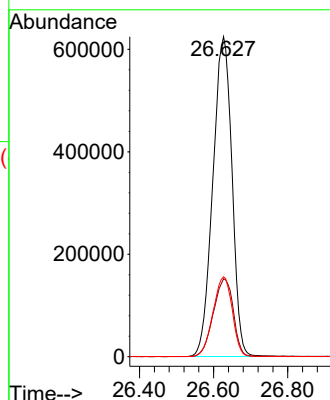
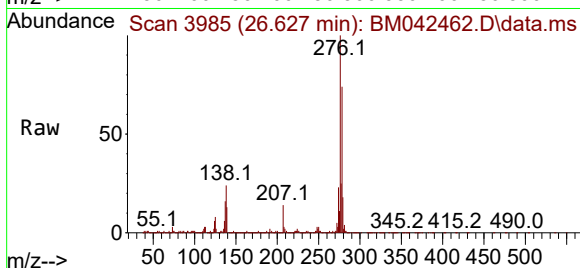
Tgt Ion:276 Resp: 2234343

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: 54.646 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

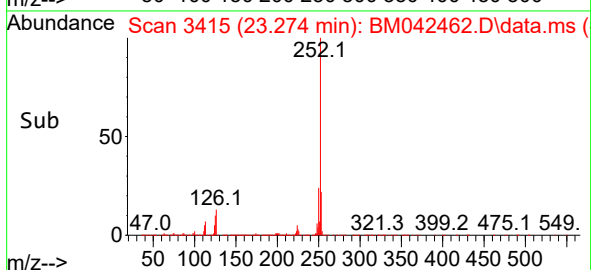
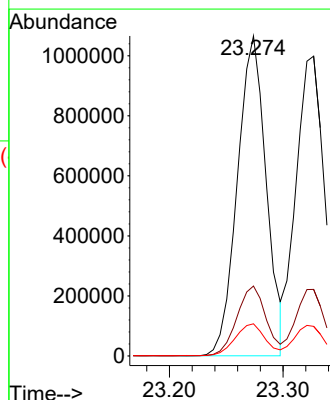
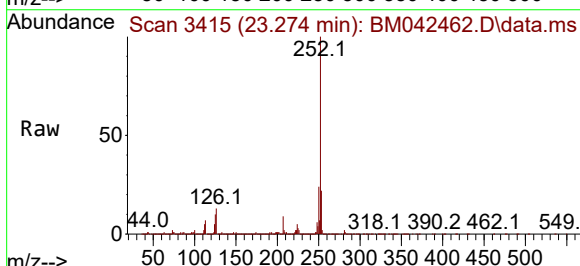
Tgt Ion:252 Resp: 1877320

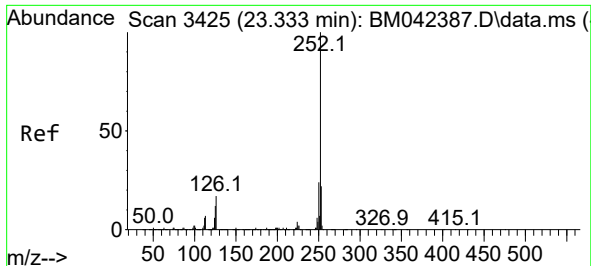
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 10.1 9.8 14.8

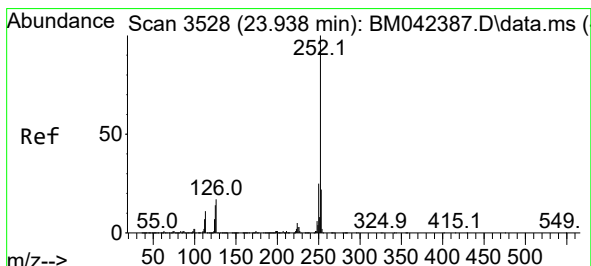
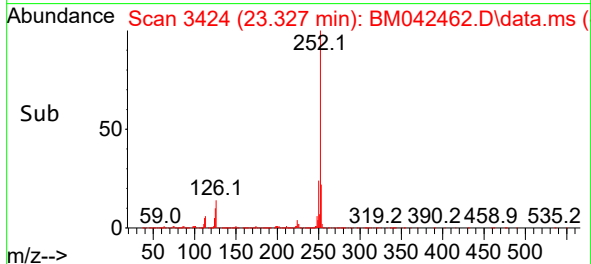
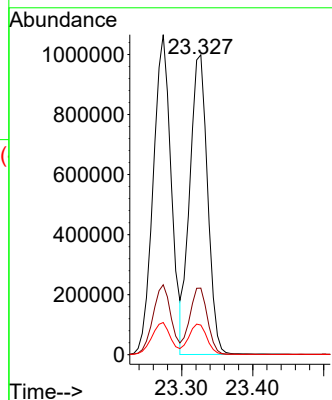
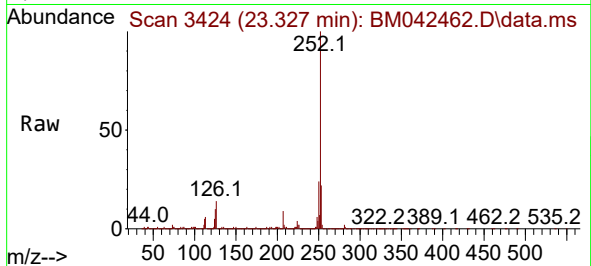




#89
Benzo(k)fluoranthene
Concen: 48.757 ng
RT: 23.327 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

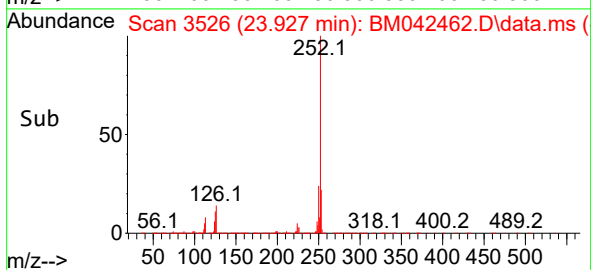
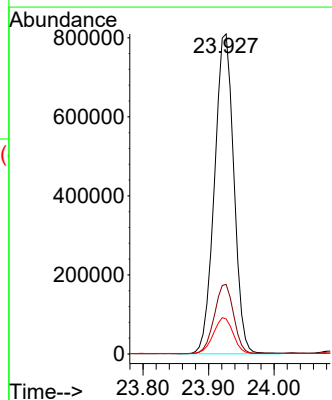
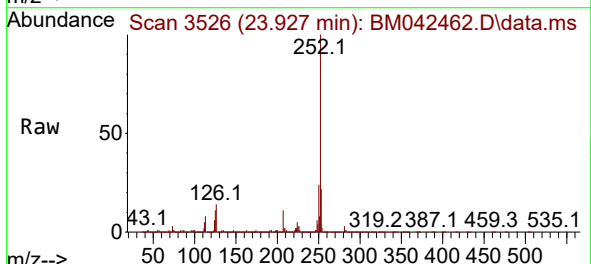
Instrument :
BNA_M
ClientSampleId :
343MS

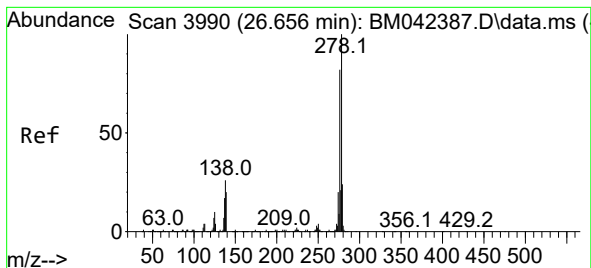
Tgt Ion:252 Resp: 1739036
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.9 10.2 15.2#



#90
Benzo(a)pyrene
Concen: 49.951 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042462.D
Acq: 26 Oct 2023 21:01

Tgt Ion:252 Resp: 1651675
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.0 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 53.501 ng

RT: 26.644 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Instrument :

BNA_M

ClientSampleId :

343MS

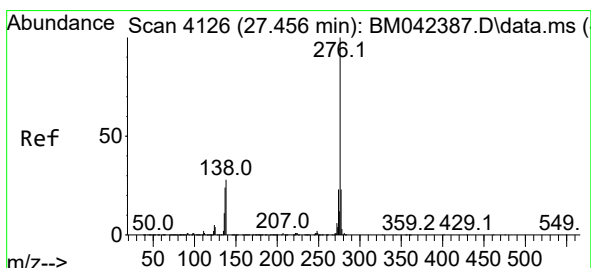
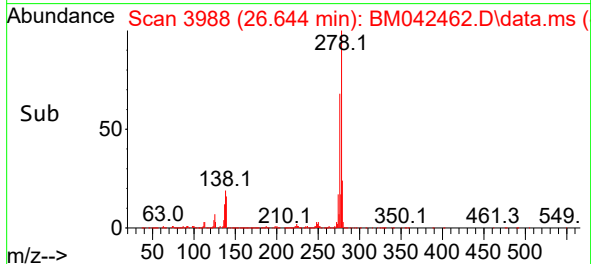
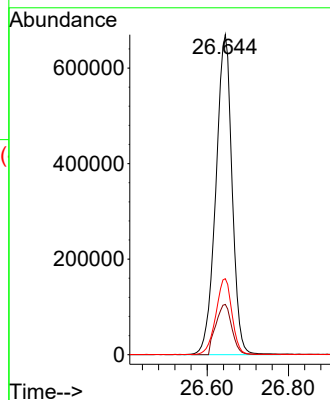
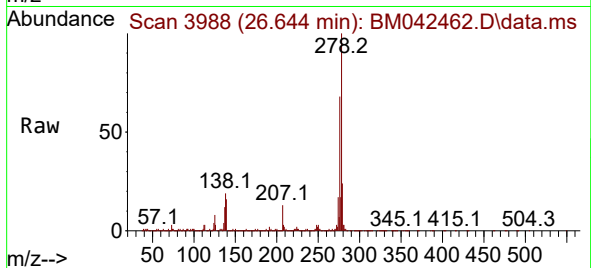
Tgt Ion:278 Resp: 1855322

Ion Ratio Lower Upper

278 100

139 15.7 15.6 23.4

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 53.095 ng

RT: 27.432 min Scan# 4122

Delta R.T. -0.023 min

Lab File: BM042462.D

Acq: 26 Oct 2023 21:01

Tgt Ion:276 Resp: 1788139

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 22.4 22.6 34.0#

