

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042396.D
 Acq On : 23 Oct 2023 11:17
 Operator : MA/JU
 Sample : PB156324BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156324BS

Quant Time: Oct 23 12:12:23 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	147294	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	562992	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	266207	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	473477	20.000	ng	0.00
76) Chrysene-d12	21.574	240	387279	20.000	ng	0.00
86) Perylene-d12	24.038	264	373458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1503762	144.289	ng	0.00
7) Phenol-d6	7.151	99	1924940	137.825	ng	0.00
23) Nitrobenzene-d5	9.198	82	1208138	94.892	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	417077	141.024	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1940066	98.138	ng	0.00
79) Terphenyl-d14	20.003	244	2378684	108.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	174617	35.582	ng	99
3) Pyridine	3.810	79	483110	33.554	ng	99
4) n-Nitrosodimethylamine	3.740	42	318935	43.873	ng	98
6) Aniline	7.334	93	592163	33.301	ng	100
8) 2-Chlorophenol	7.551	128	487507	47.141	ng	99
9) Benzaldehyde	7.157	77	96502	11.863	ng	96
10) Phenol	7.175	94	671850	46.554	ng	98
11) bis(2-Chloroethyl)ether	7.434	93	532544	44.946	ng	100
12) 1,3-Dichlorobenzene	7.875	146	502633	46.991	ng	99
13) 1,4-Dichlorobenzene	8.034	146	511561	47.511	ng	99
14) 1,2-Dichlorobenzene	8.345	146	487110	47.115	ng	99
15) Benzyl Alcohol	8.251	79	460233	44.453	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	845786	45.113	ng	99
17) 2-Methylphenol	8.433	107	407300	42.769	ng	98
18) Hexachloroethane	9.063	117	198765	47.952	ng	99
19) n-Nitroso-di-n-propyla...	8.816	70	409883	43.300	ng	99
20) 3+4-Methylphenols	8.769	107	541220	42.371	ng	98
22) Acetophenone	8.845	105	722866	47.064	ng	# 99
24) Nitrobenzene	9.239	77	608069	47.739	ng	99
25) Isophorone	9.751	82	995633	46.016	ng	100
26) 2-Nitrophenol	9.939	139	225453	46.102	ng	98
27) 2,4-Dimethylphenol	9.975	122	379714	43.265	ng	99
28) bis(2-Chloroethoxy)met...	10.233	93	646219	47.141	ng	100
29) 2,4-Dichlorophenol	10.457	162	377976	49.524	ng	98
30) 1,2,4-Trichlorobenzene	10.669	180	402678	49.215	ng	96
31) Naphthalene	10.869	128	1356940	46.924	ng	100
32) Benzoic acid	10.110	122	264681	41.984	ng	96
33) 4-Chloroaniline	11.004	127	335331	26.709	ng	99
34) Hexachlorobutadiene	11.098	225	217666	49.162	ng	98
35) Caprolactam	11.827	113	115528	39.352	ng	98
36) 4-Chloro-3-methylphenol	12.098	107	424700	46.112	ng	99
37) 2-Methylnaphthalene	12.469	142	844562	43.386	ng	99
38) 1-Methylnaphthalene	12.692	142	823398	45.151	ng	100
40) 1,2,4,5-Tetrachloroben...	12.821	216	391390	50.857	ng	100
41) Hexachlorocyclopentadiene	12.768	237	454123	107.181	ng	99
43) 2,4,6-Trichlorophenol	13.074	196	259305	52.049	ng	99

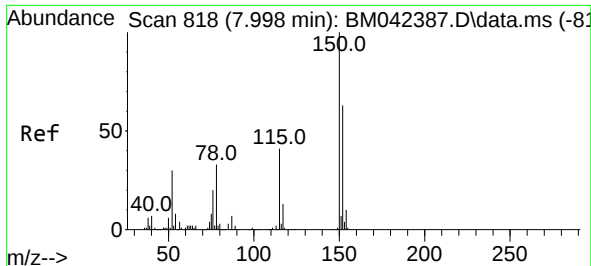
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	285211	48.429	ng	# 97
46) 1,1'-Biphenyl	13.480	154	1051488	49.790	ng	99
47) 2-Chloronaphthalene	13.527	162	795265	51.329	ng	99
48) 2-Nitroaniline	13.763	65	303731	44.647	ng	96
49) Acenaphthylene	14.368	152	1306671	52.239	ng	100
50) Dimethylphthalate	14.104	163	913842	46.800	ng	100
51) 2,6-Dinitrotoluene	14.251	165	197648	45.020	ng	94
52) Acenaphthene	14.704	154	734327	48.559	ng	100
53) 3-Nitroaniline	14.586	138	156626	31.187	ng	95
54) 2,4-Dinitrophenol	14.786	184	234737	85.344	ng	94
55) Dibenzofuran	15.039	168	1144320	47.843	ng	99
56) 4-Nitrophenol	14.868	139	396353	99.664	ng	99
57) 2,4-Dinitrotoluene	15.027	165	258288	44.157	ng	98
58) Fluorene	15.686	166	916272	48.547	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	218516	49.391	ng	99
60) Diethylphthalate	15.451	149	902026	46.812	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	426066	47.934	ng	97
62) 4-Nitroaniline	15.751	138	196323	39.838	ng	99
63) Azobenzene	15.974	77	1145503	49.549	ng	99
65) 4,6-Dinitro-2-methylph...	15.774	198	130603	43.794	ng	96
66) n-Nitrosodiphenylamine	15.904	169	751127	52.670	ng	99
67) 4-Bromophenyl-phenylether	16.574	248	231696	52.799	ng	98
68) Hexachlorobenzene	16.656	284	255862	54.547	ng	98
69) Atrazine	16.851	200	227018	62.773	ng	99
70) Pentachlorophenol	17.021	266	355340	89.940	ng	99
71) Phenanthrene	17.433	178	1329173	51.604	ng	100
72) Anthracene	17.527	178	1315740	51.578	ng	99
73) Carbazole	17.815	167	1227181	51.280	ng	99
74) Di-n-butylphthalate	18.333	149	1431430	47.281	ng	100
75) Fluoranthene	19.445	202	1386489	48.876	ng	100
77) Benzidine	19.656	184	413262	73.774	ng	99
78) Pyrene	19.815	202	1448414	53.520	ng	100
80) Butylbenzylphthalate	20.692	149	585851	47.773	ng	100
81) Benzo(a)anthracene	21.556	228	1322565	50.942	ng	100
82) 3,3'-Dichlorobenzidine	21.497	252	379561	48.974	ng	99
83) Chrysene	21.609	228	1221545	48.987	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	813629	46.748	ng	99
85) Di-n-octyl phthalate	22.380	149	1386195	46.283	ng	100
87) Indeno(1,2,3-cd)pyrene	26.626	276	1510668	55.352	ng	100
88) Benzo(b)fluoranthene	23.274	252	1209236	53.793	ng	99
89) Benzo(k)fluoranthene	23.327	252	1197096	51.293	ng	99
90) Benzo(a)pyrene	23.927	252	1065410	49.241	ng	99
91) Dibenzo(a,h)anthracene	26.644	278	1258726	55.472	ng	100
92) Benzo(g,h,i)perylene	27.432	276	1219823	55.354	ng	99

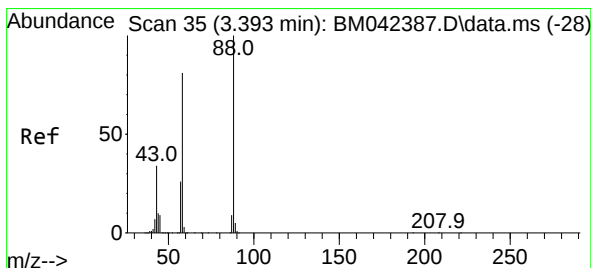
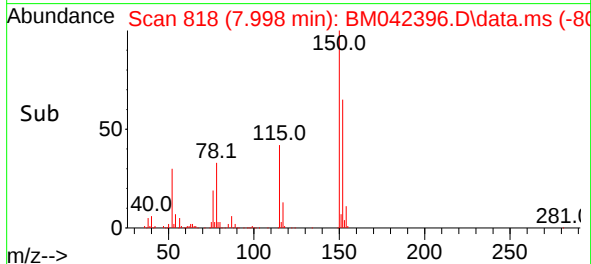
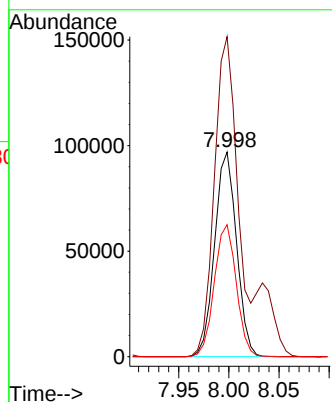
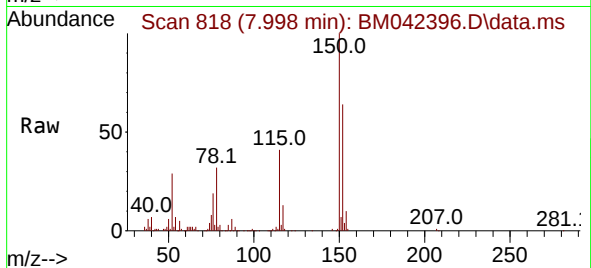
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.998 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM042396.D
 Acq: 23 Oct 2023 11:17

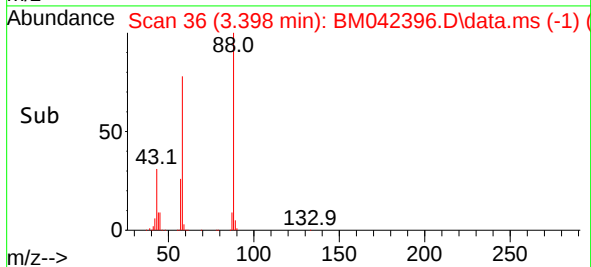
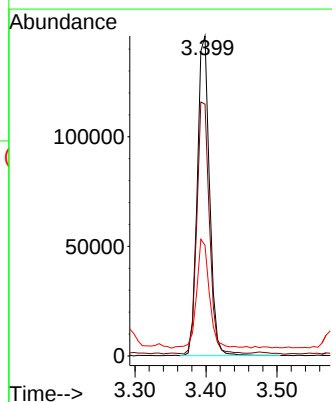
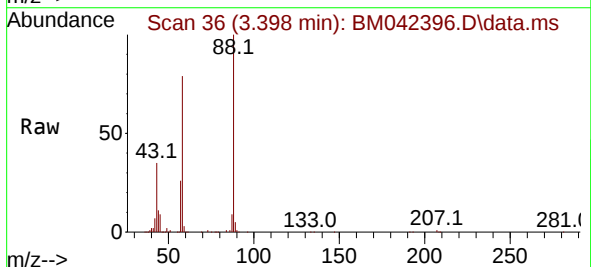
Instrument :
 BNA_M
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 PB156324BS

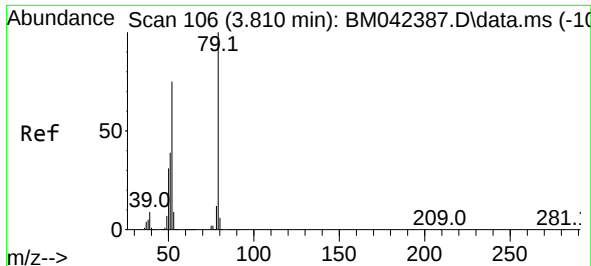
Tgt Ion:152 Resp: 147294
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.4
 115 64.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 35.582 ng
 RT: 3.398 min Scan# 36
 Delta R.T. 0.006 min
 Lab File: BM042396.D
 Acq: 23 Oct 2023 11:17

Tgt Ion: 88 Resp: 174617
 Ion Ratio Lower Upper
 88 100
 58 80.3 64.9 97.3
 43 35.6 27.8 41.8

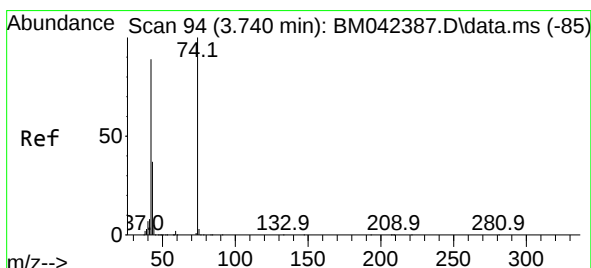
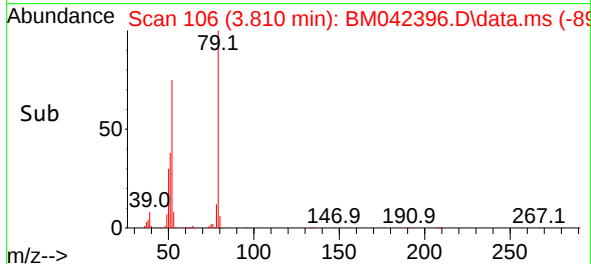
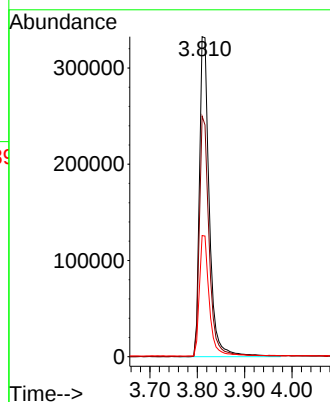
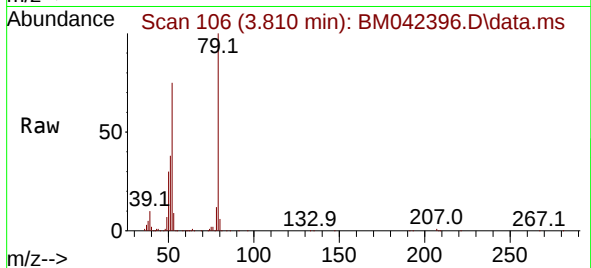




#3
Pyridine
Concen: 33.554 ng
RT: 3.810 min Scan# 106
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

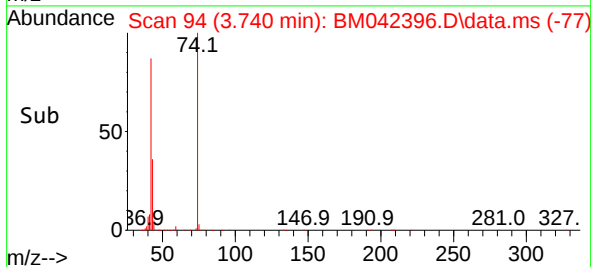
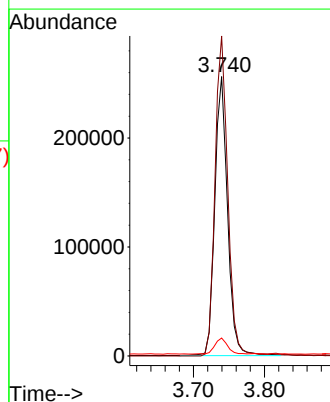
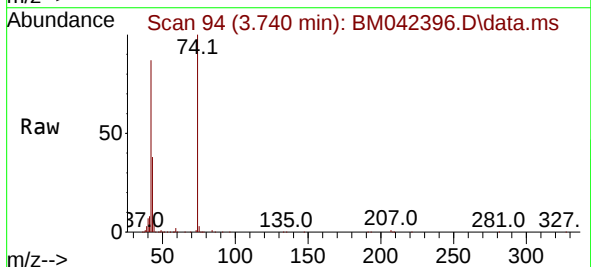
Instrument :
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ClientSampleId :
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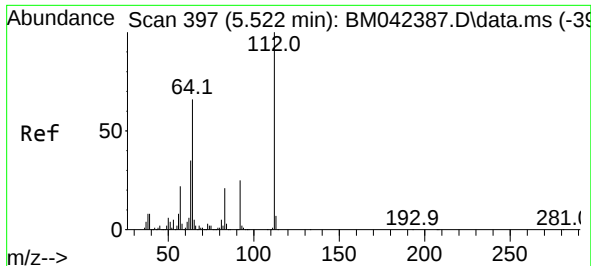
Tgt Ion: 79 Resp: 483110
Ion Ratio Lower Upper
79 100
52 75.2 60.3 90.5
51 37.9 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 43.873 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 42 Resp: 318935
Ion Ratio Lower Upper
42 100
74 114.5 89.4 134.2
44 6.4 5.4 8.0

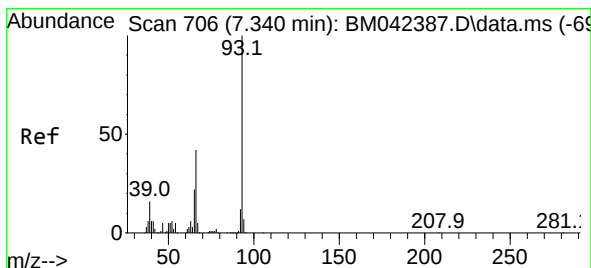
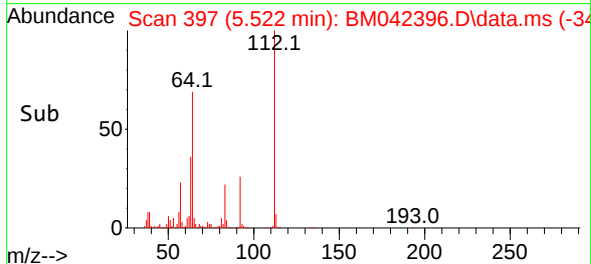
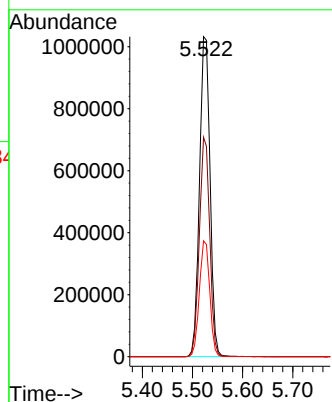
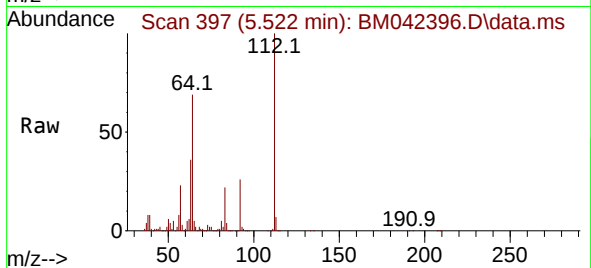




#5
2-Fluorophenol
Concen: 144.289 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

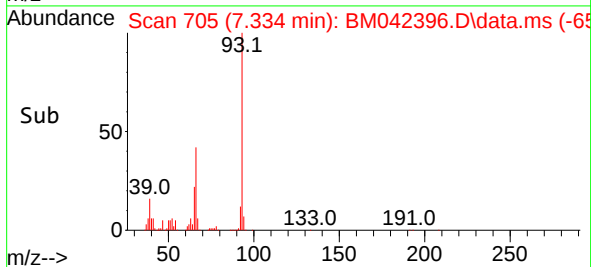
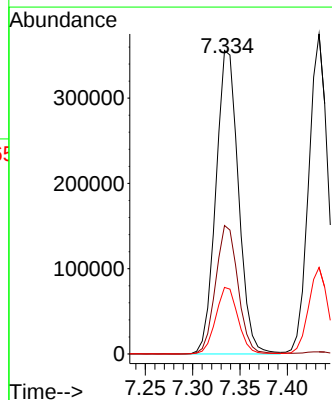
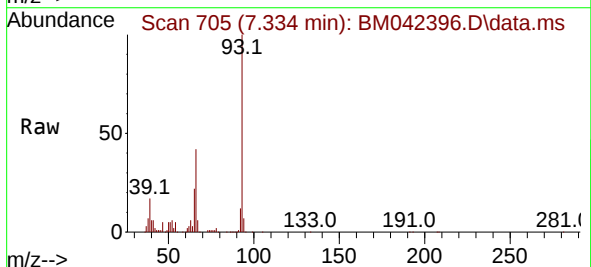
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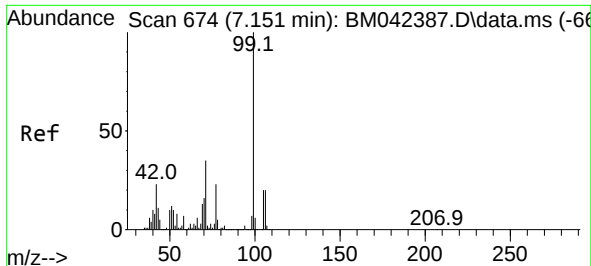
Tgt Ion:112 Resp: 1503762
Ion Ratio Lower Upper
112 100
64 68.6 52.7 79.1
63 36.2 28.3 42.5



#6
Aniline
Concen: 33.301 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 93 Resp: 592163
Ion Ratio Lower Upper
93 100
66 42.4 33.8 50.8
65 21.9 17.4 26.2



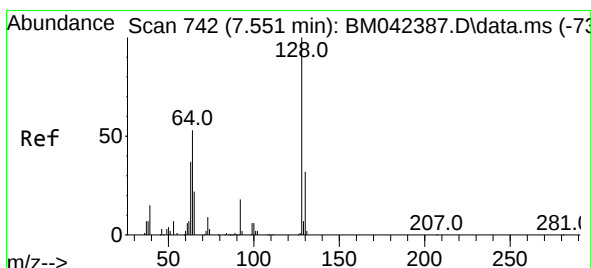
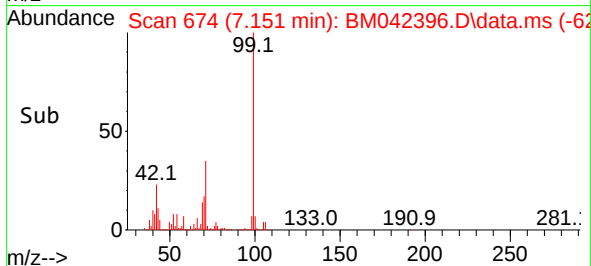
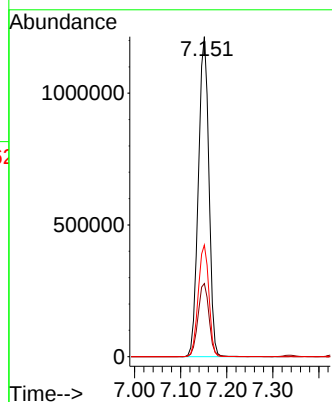
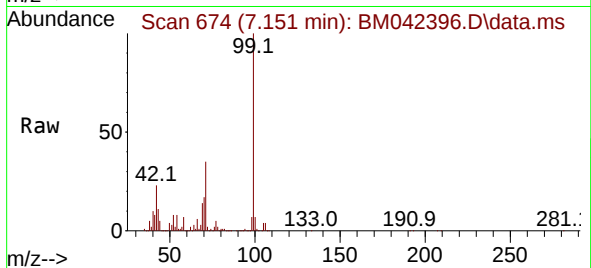


#7
Phenol-d6
Concen: 137.825 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Instrument :
BNA_M
ClientSampleId :
PB156324BS

Tgt Ion: 99 Resp: 1924940

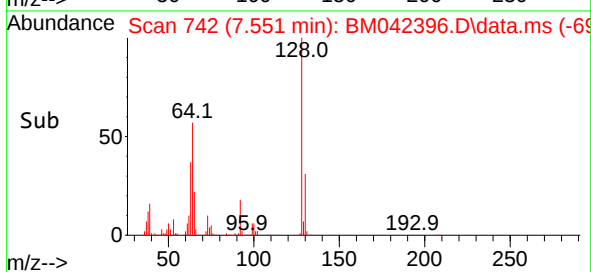
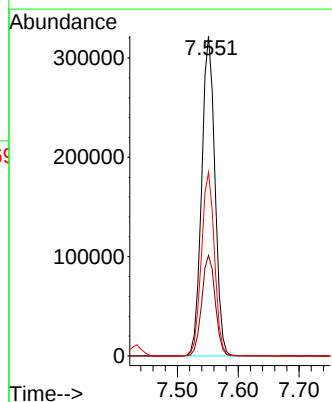
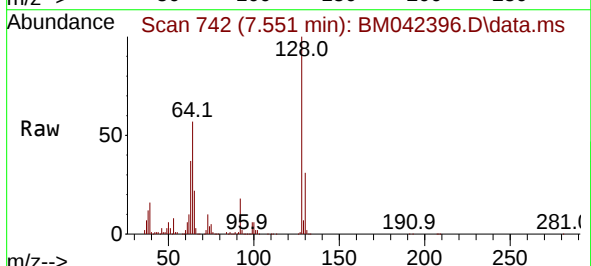
Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.5	27.7
71	34.9	27.7	41.5

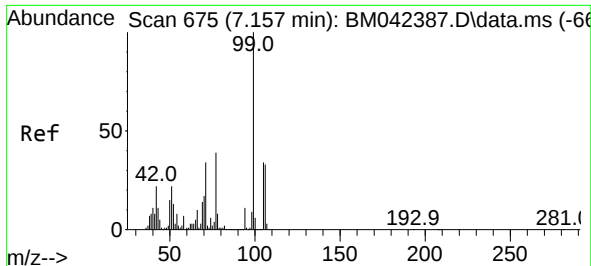


#8
2-Chlorophenol
Concen: 47.141 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 128 Resp: 487507

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.1	52.1
64	57.4	38.2	78.2

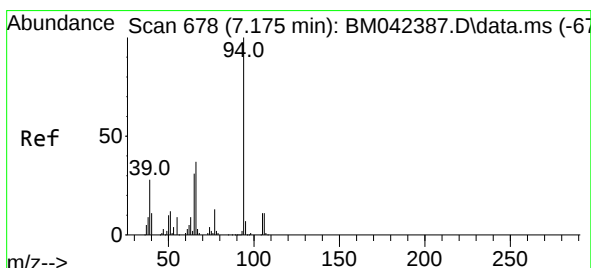
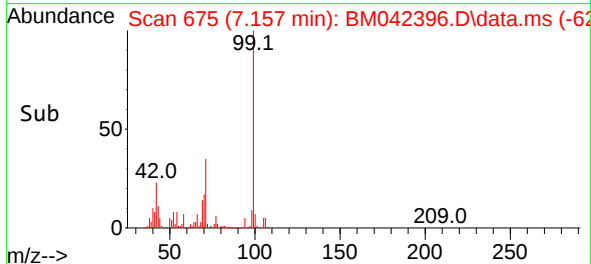
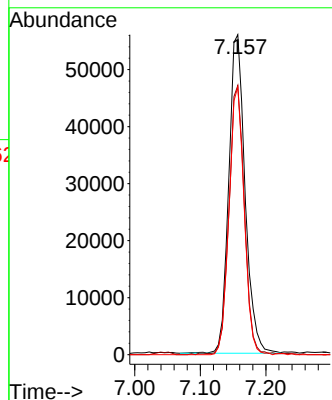
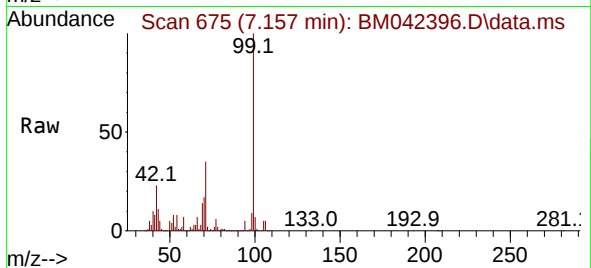




#9
Benzaldehyde
Concen: 11.863 ng
RT: 7.157 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

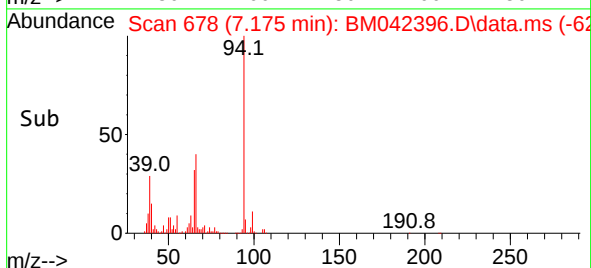
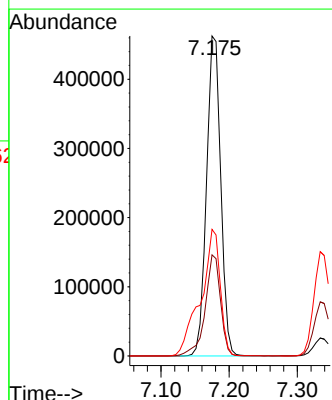
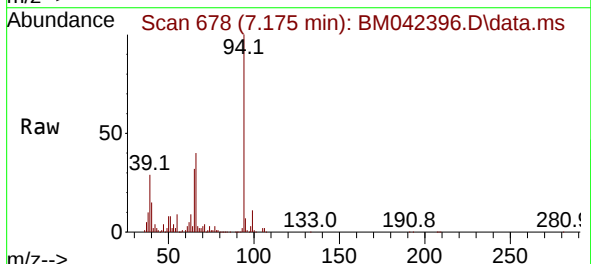
Instrument :
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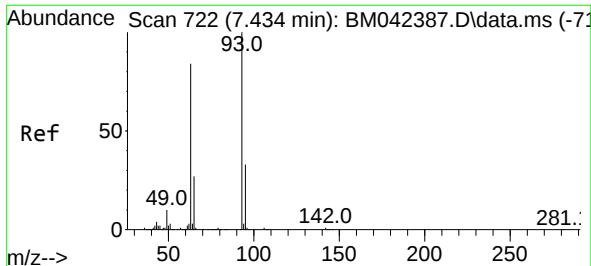
Tgt Ion: 77 Resp: 96502
Ion Ratio Lower Upper
77 100
105 84.1 68.7 108.7
106 83.7 65.8 105.8



#10
Phenol
Concen: 46.554 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 94 Resp: 671850
Ion Ratio Lower Upper
94 100
65 31.6 10.9 50.9
66 39.6 18.2 58.2

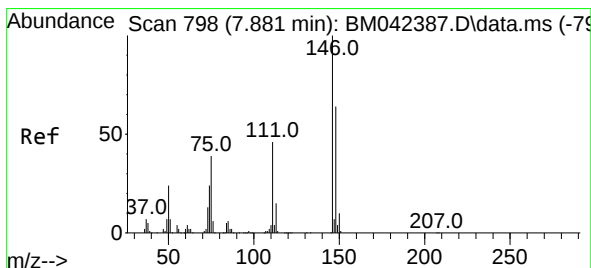
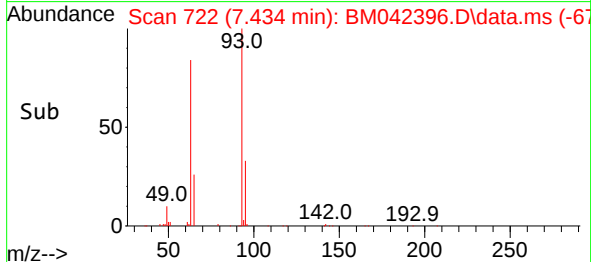
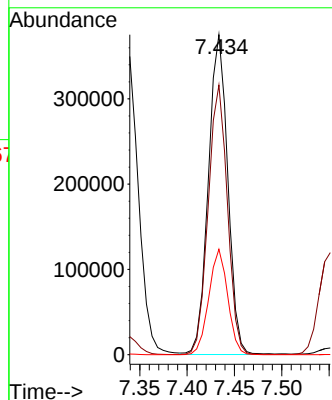
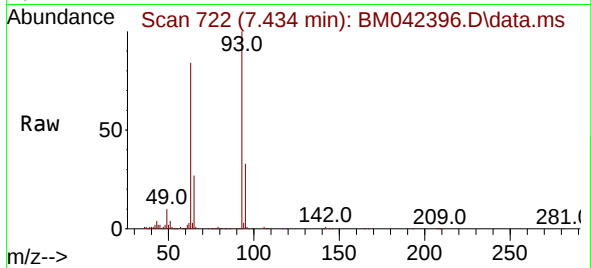




#11
bis(2-Chloroethyl)ether
Concen: 44.946 ng
RT: 7.434 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

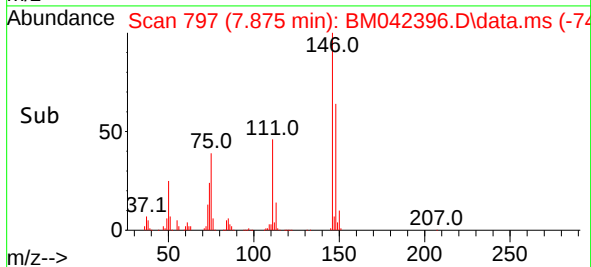
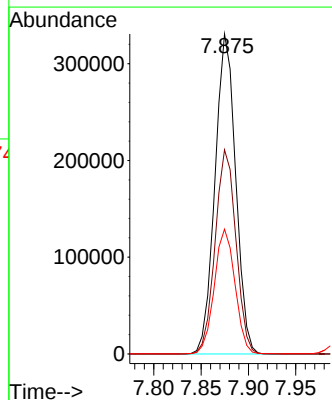
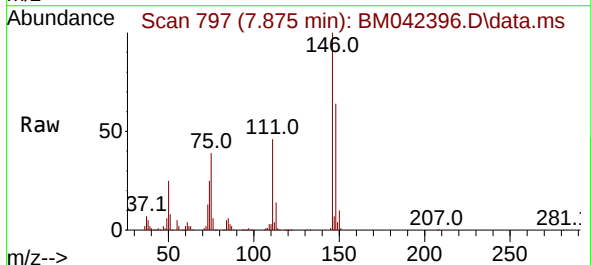
Instrument :
BNA_M
ClientSampleId :
PB156324BS

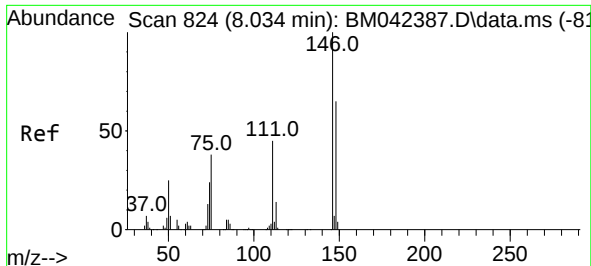
Tgt Ion: 93 Resp: 532544
Ion Ratio Lower Upper
93 100
63 84.2 64.2 104.2
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.991 ng
RT: 7.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:146 Resp: 502633
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 39.0 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 47.511 ng

RT: 8.034 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

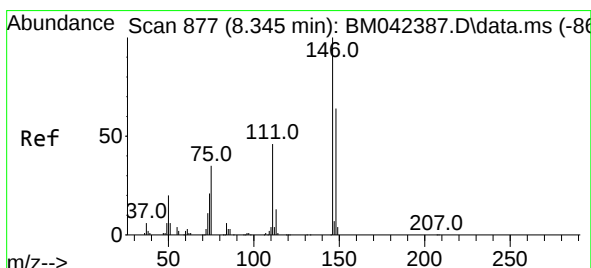
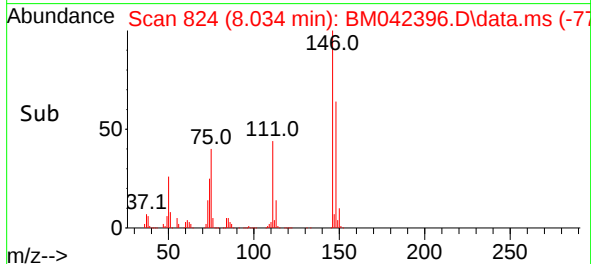
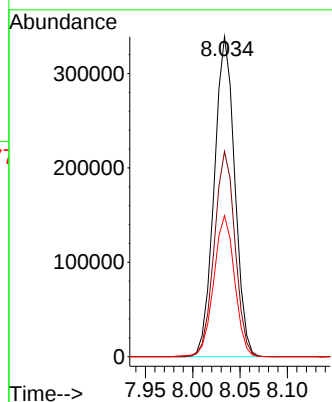
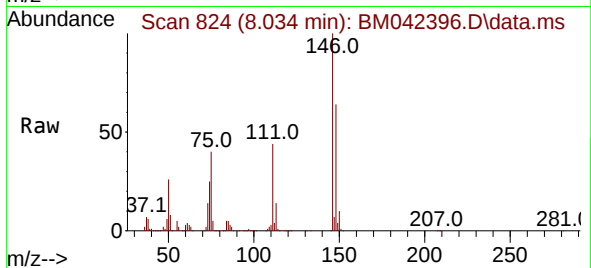
Tgt Ion:146 Resp: 511561

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

111 44.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.115 ng

RT: 8.345 min Scan# 877

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

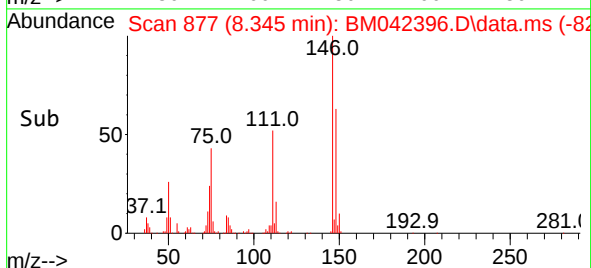
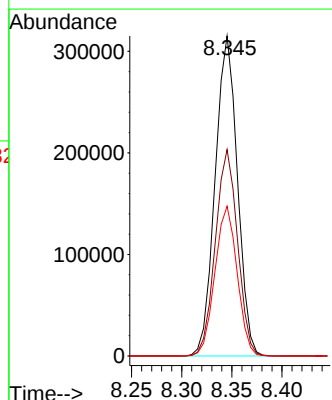
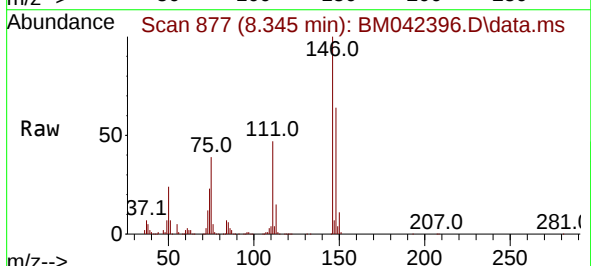
Tgt Ion:146 Resp: 487110

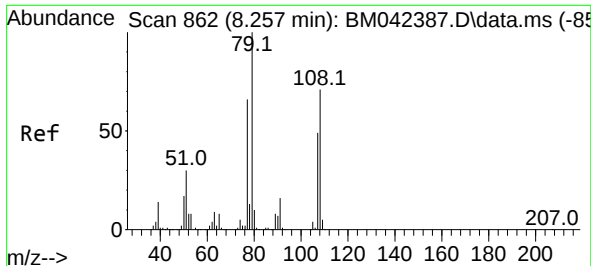
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 46.8 37.2 55.8

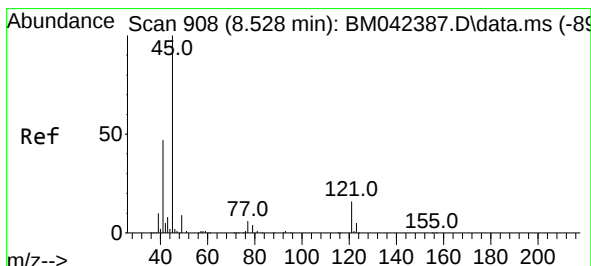
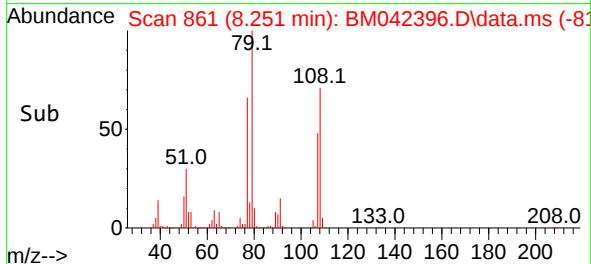
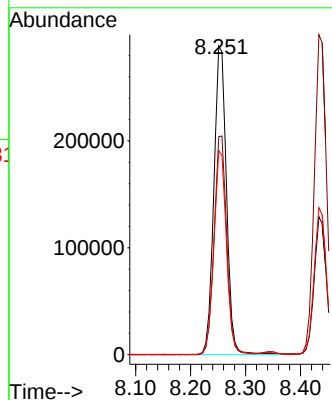
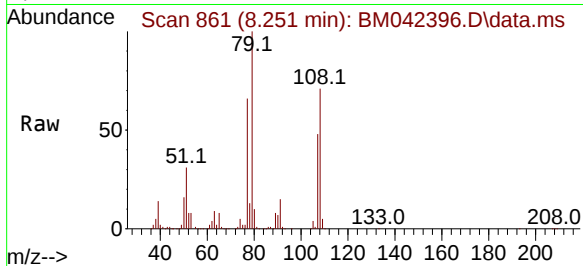




#15
Benzyl Alcohol
Concen: 44.453 ng
RT: 8.251 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

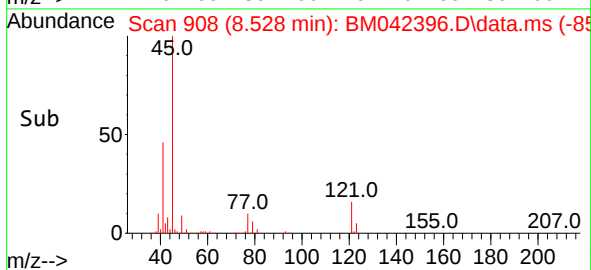
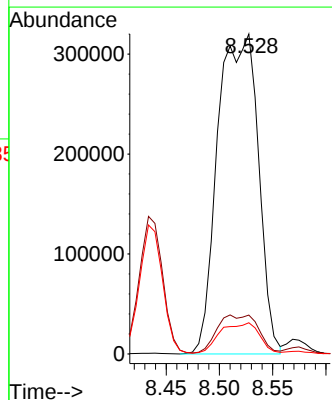
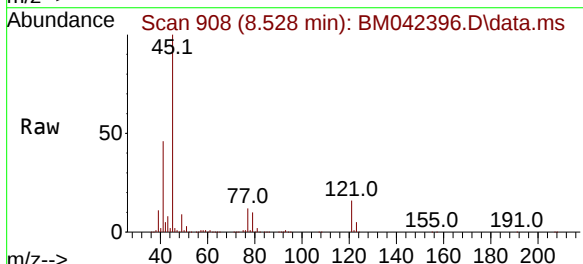
Instrument :
BNA_M
ClientSampleId :
PB156324BS

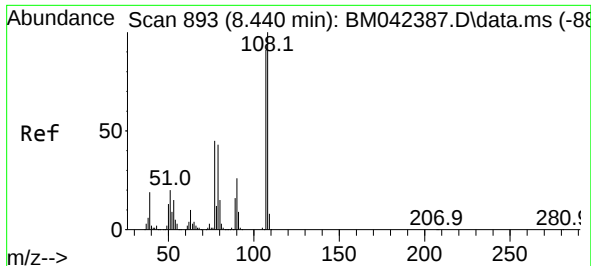
Tgt Ion: 79 Resp: 460233
Ion Ratio Lower Upper
79 100
108 70.6 57.1 85.7
77 66.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.113 ng
RT: 8.528 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 45 Resp: 845786
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.2
79 9.8 0.0 30.4



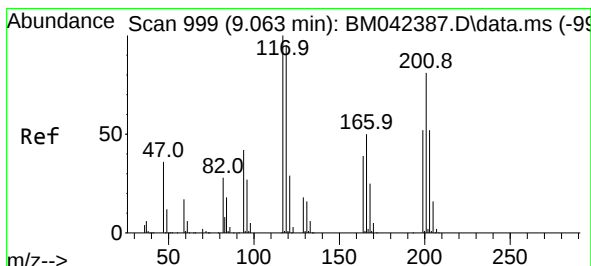
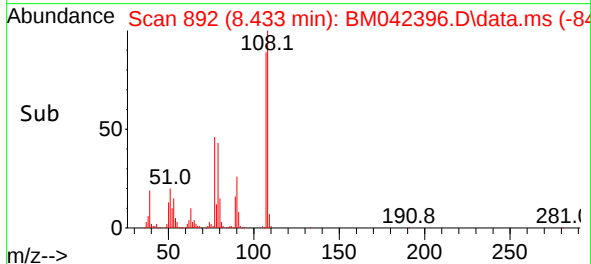
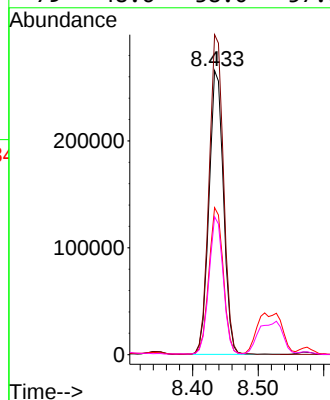
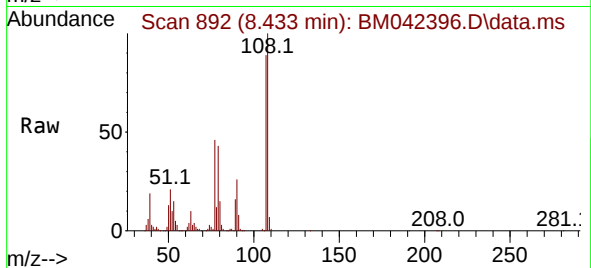


#17
2-Methylphenol
Concen: 42.769 ng
RT: 8.433 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Instrument :
BNA_M
ClientSampleId :
PB156324BS

Tgt Ion:107 Resp: 407300

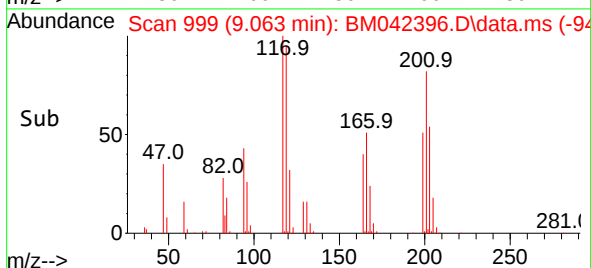
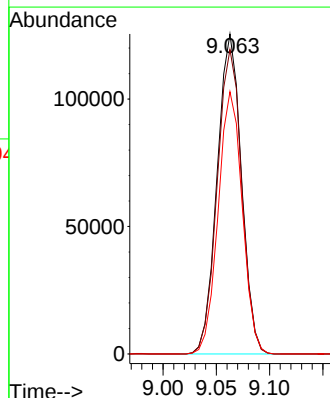
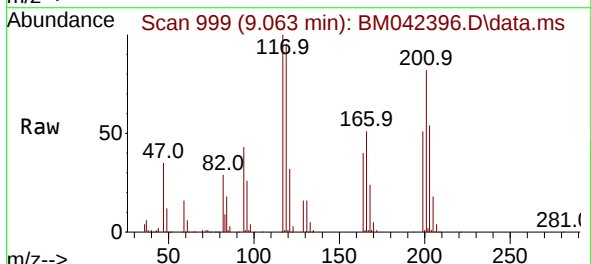
Ion	Ratio	Lower	Upper
107	100		
108	112.7	88.2	132.4
77	51.8	40.1	60.1
79	48.6	38.0	57.0

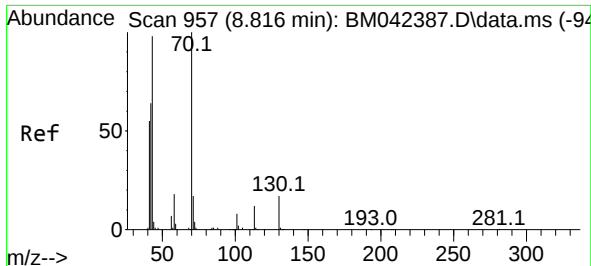


#18
Hexachloroethane
Concen: 47.952 ng
RT: 9.063 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:117 Resp: 198765

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.9	113.9
201	81.9	64.6	97.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.300 ng

RT: 8.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

Tgt Ion: 70 Resp: 409883

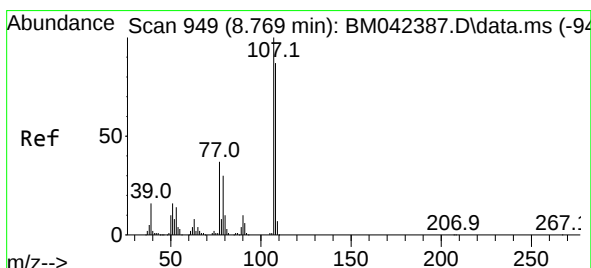
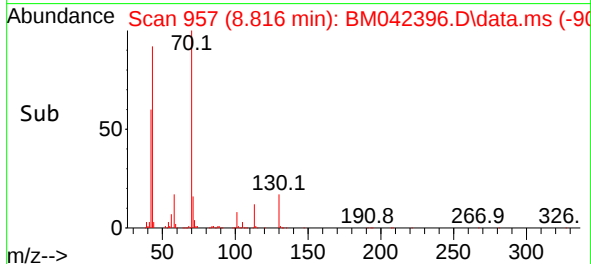
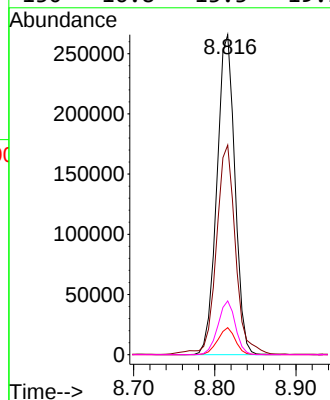
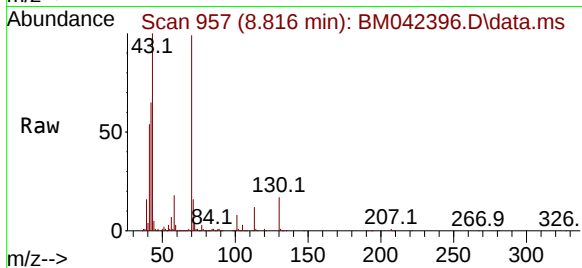
Ion Ratio Lower Upper

70 100

42 65.5 52.1 78.1

101 8.4 6.5 9.7

130 16.8 13.3 19.9



#20

3+4-Methylphenols

Concen: 42.371 ng

RT: 8.769 min Scan# 949

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Tgt Ion: 107 Resp: 541220

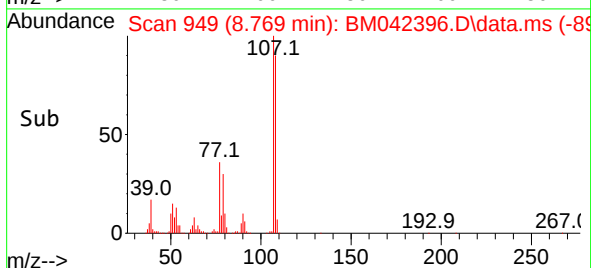
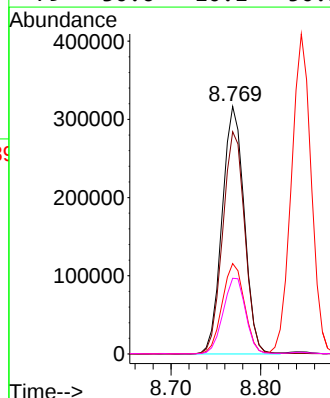
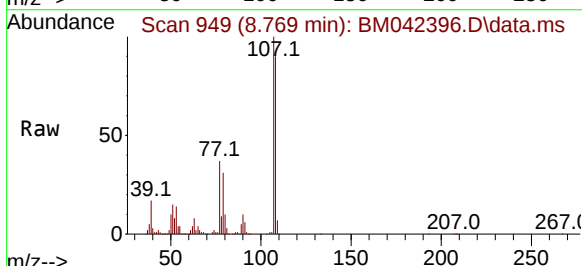
Ion Ratio Lower Upper

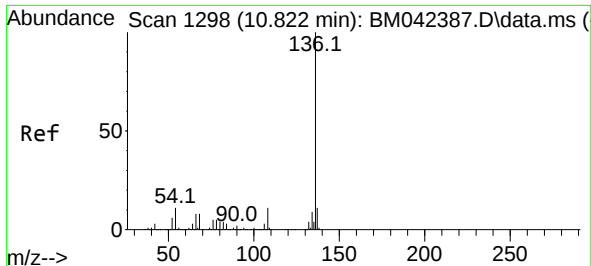
107 100

108 89.8 67.2 107.2

77 36.5 16.8 56.8

79 30.6 10.1 50.1

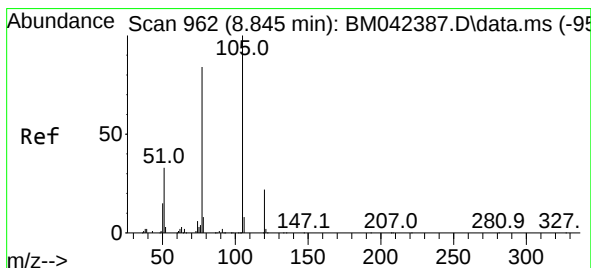
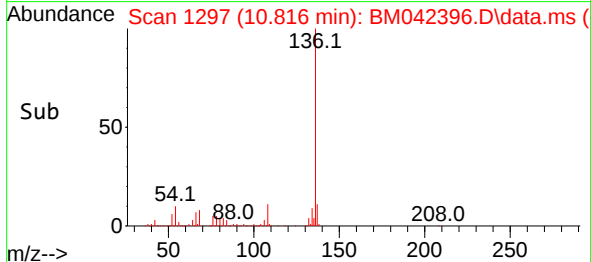
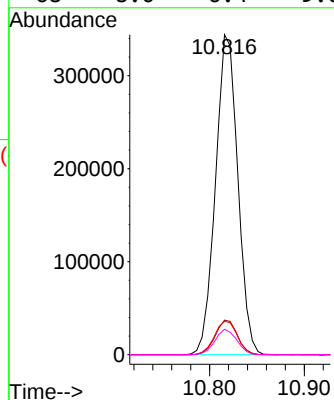
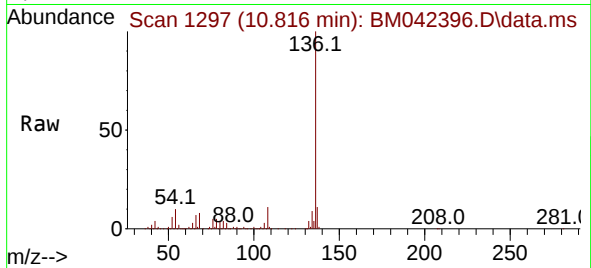




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

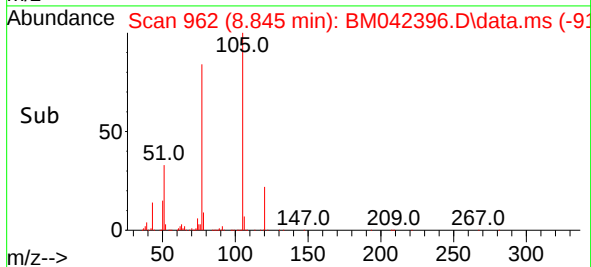
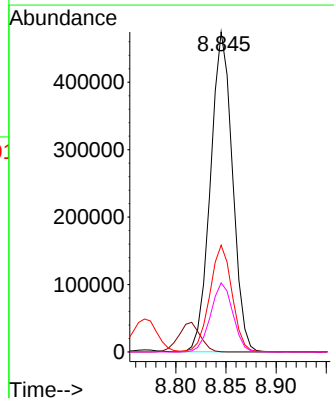
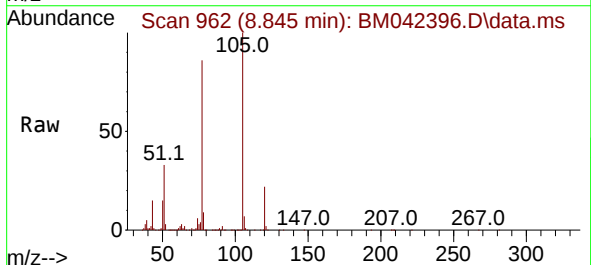
Instrument :
BNA_M
ClientSampleId :
PB156324BS

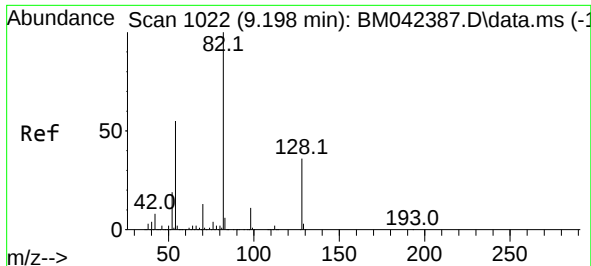
Tgt Ion:136 Resp: 562992
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.4 8.6 12.8
68 8.0 6.4 9.6



#22
Acetophenone
Concen: 47.064 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:105 Resp: 722866
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 33.4 27.1 40.7
120 21.6 17.3 25.9

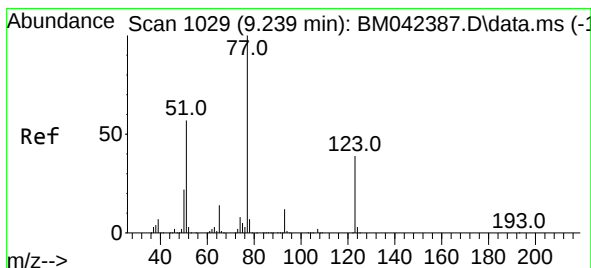
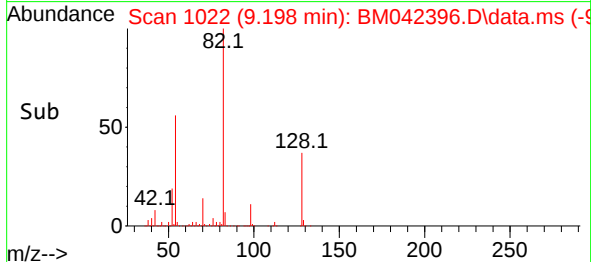
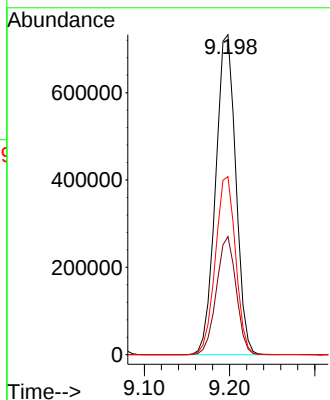
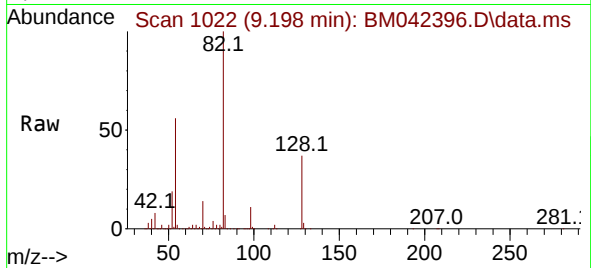




#23
Nitrobenzene-d5
Concen: 94.892 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

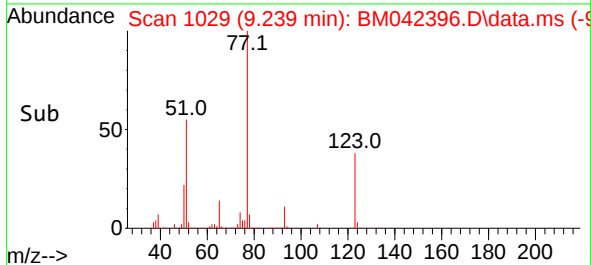
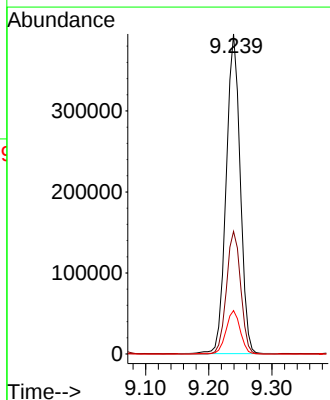
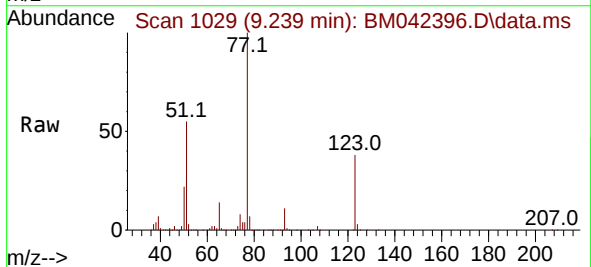
Instrument :
BNA_M
ClientSampleId :
PB156324BS

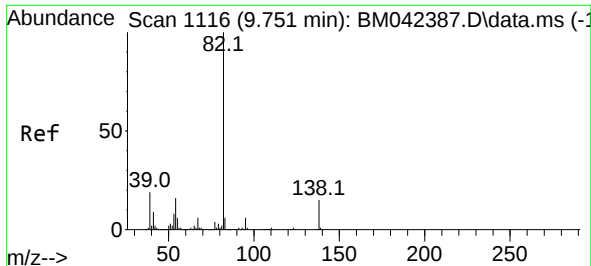
Tgt Ion: 82 Resp: 1208138
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.6
54 55.6 43.7 65.5



#24
Nitrobenzene
Concen: 47.739 ng
RT: 9.239 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 77 Resp: 608069
Ion Ratio Lower Upper
77 100
123 38.3 31.2 46.8
65 13.6 11.4 17.0





#25

Isophorone

Concen: 46.016 ng

RT: 9.751 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

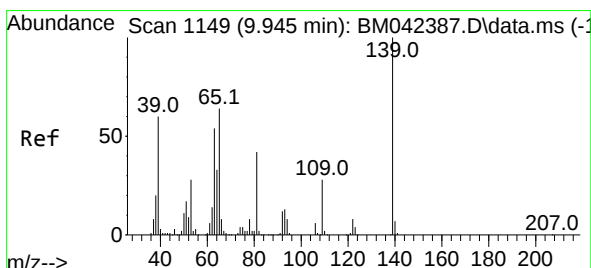
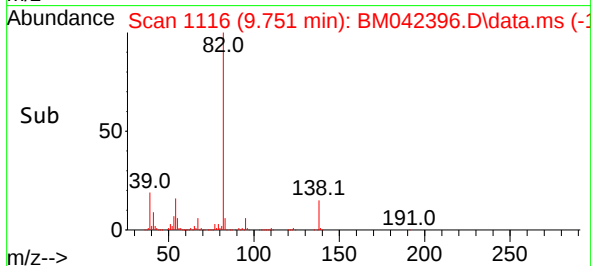
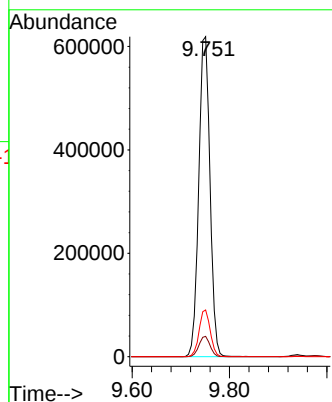
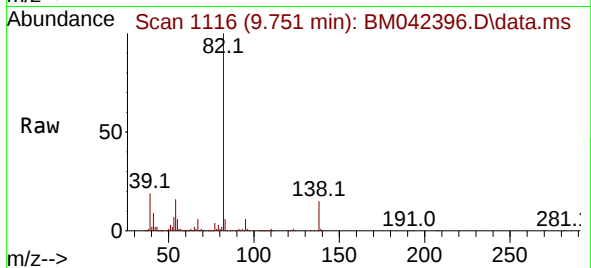
Tgt Ion: 82 Resp: 995633

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 14.6 11.8 17.6



#26

2-Nitrophenol

Concen: 46.102 ng

RT: 9.939 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

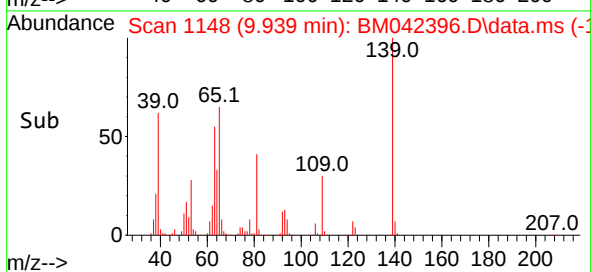
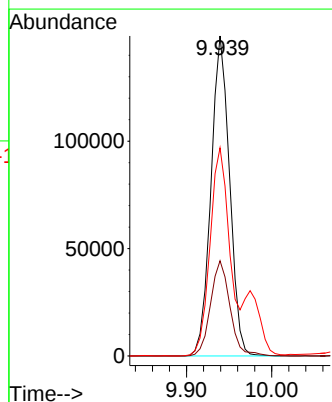
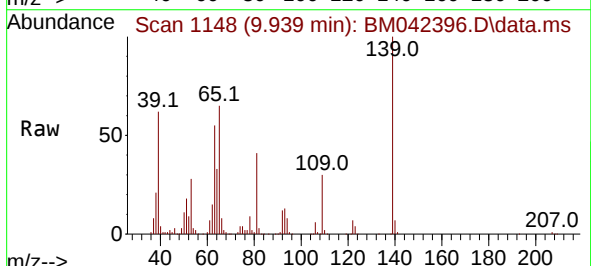
Tgt Ion: 139 Resp: 225453

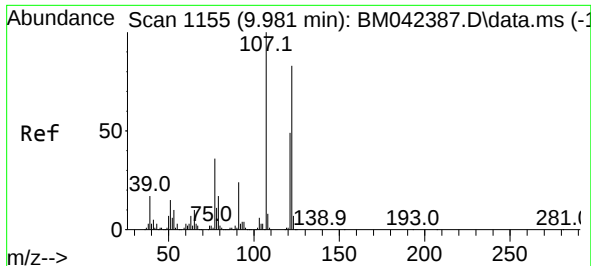
Ion Ratio Lower Upper

139 100

109 29.8 22.3 33.5

65 65.1 51.1 76.7

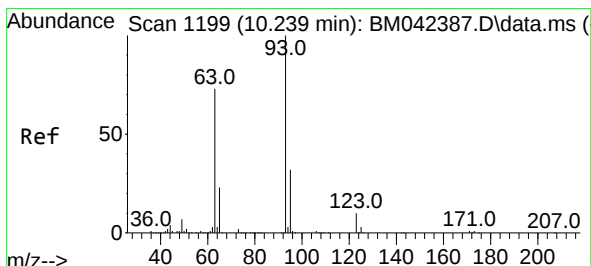
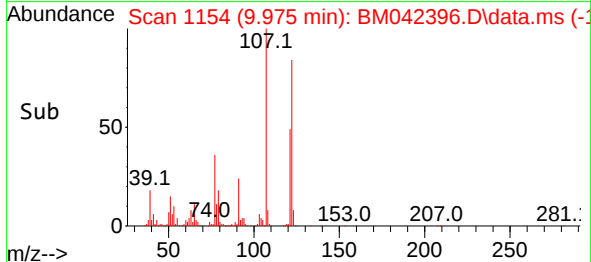
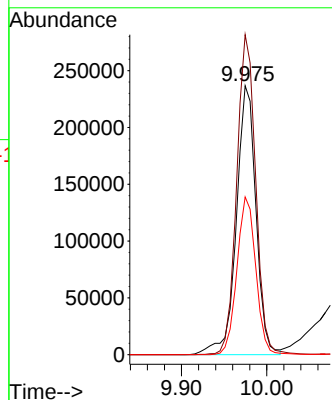
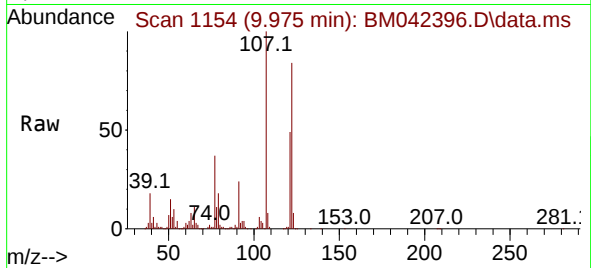




#27
2,4-Dimethylphenol
Concen: 43.265 ng
RT: 9.975 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

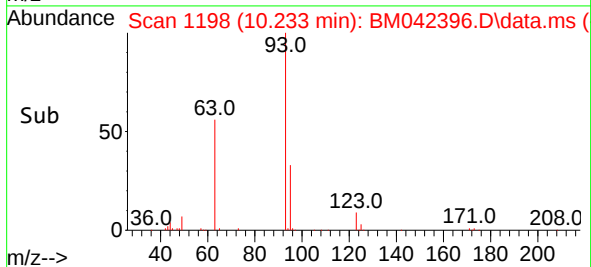
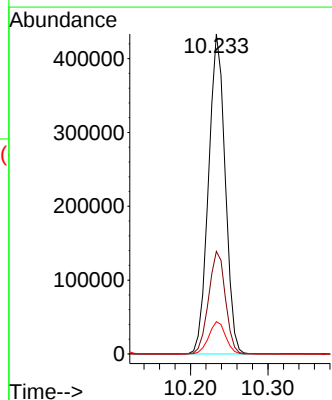
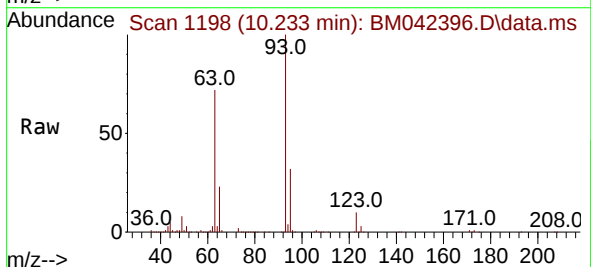
Instrument :
BNA_M
ClientSampleId :
PB156324BS

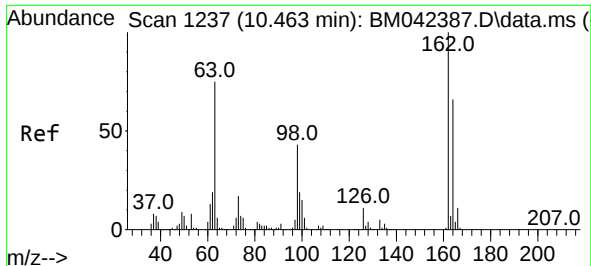
Tgt Ion:122 Resp: 379714
Ion Ratio Lower Upper
122 100
107 118.9 96.3 144.5
121 58.7 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.141 ng
RT: 10.233 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 93 Resp: 646219
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.6
123 10.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 49.524 ng

RT: 10.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

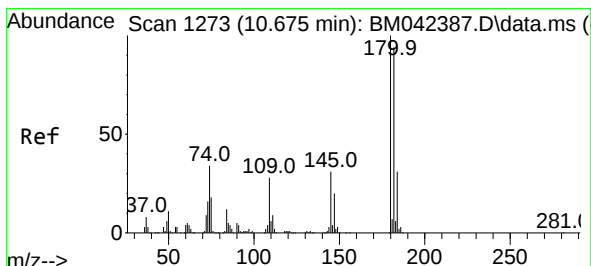
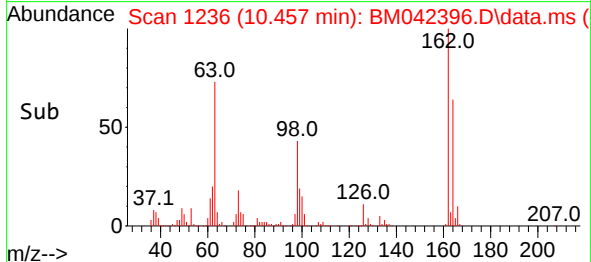
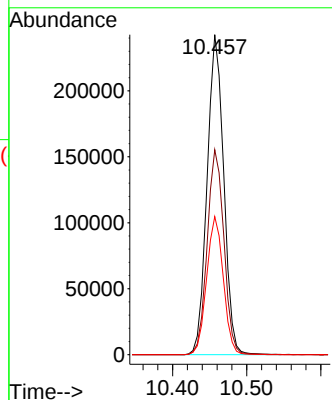
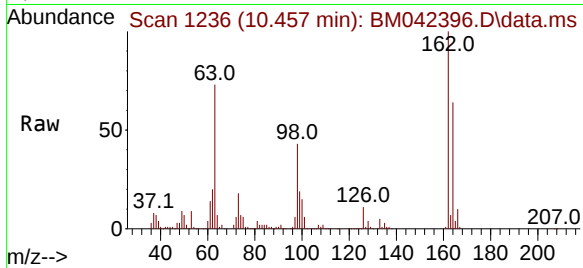
Tgt Ion:162 Resp: 377976

Ion Ratio Lower Upper

162 100

164 64.0 45.9 85.9

98 43.1 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 49.215 ng

RT: 10.669 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

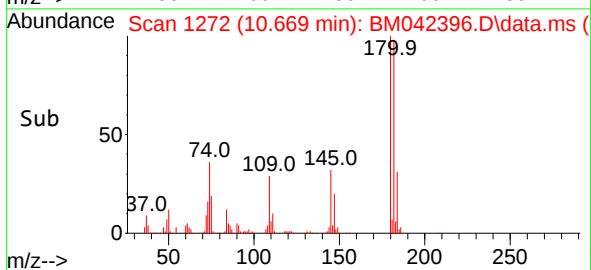
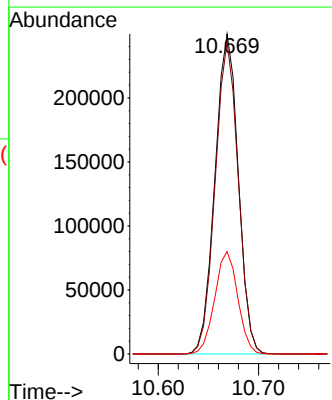
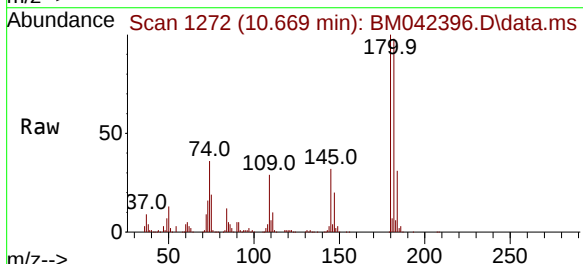
Tgt Ion:180 Resp: 402678

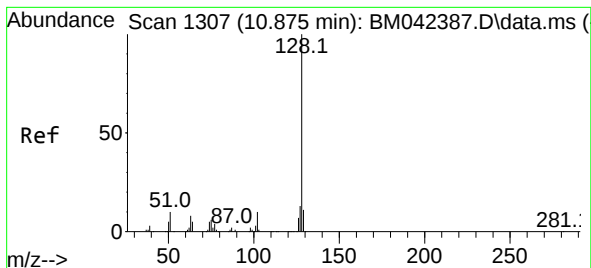
Ion Ratio Lower Upper

180 100

182 97.5 75.0 112.4

145 32.0 24.6 36.8

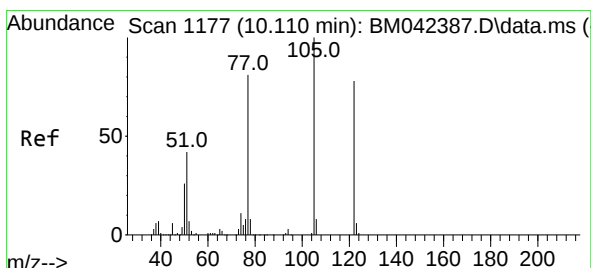
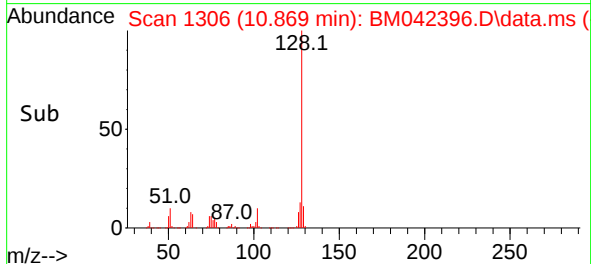
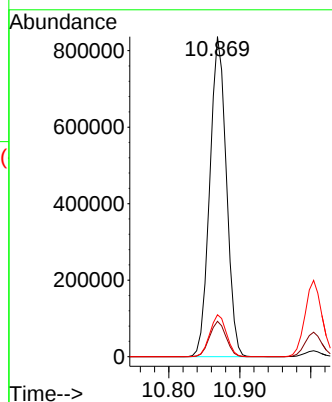
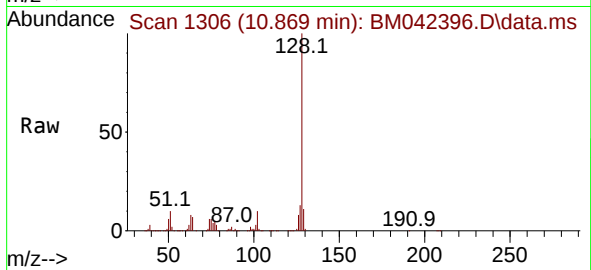




#31
Naphthalene
Concen: 46.924 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

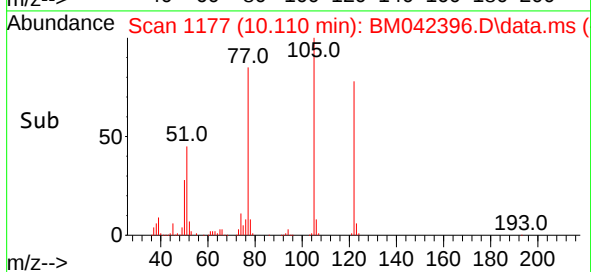
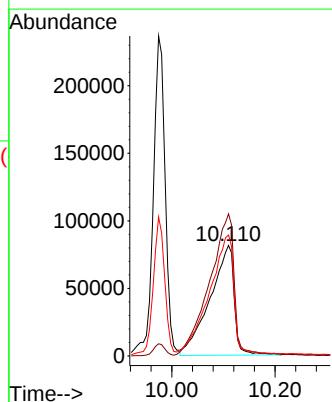
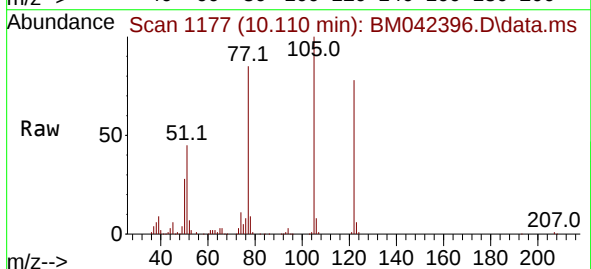
Instrument :
BNA_M
ClientSampleId :
PB156324BS

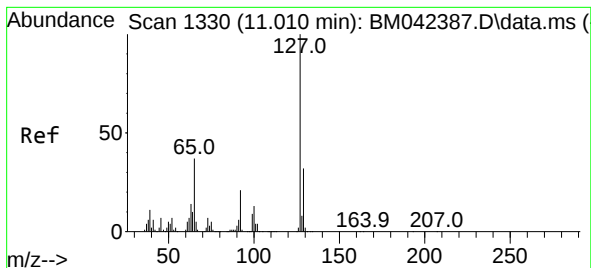
Tgt Ion:128 Resp: 1356940
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 41.984 ng
RT: 10.110 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:122 Resp: 264681
Ion Ratio Lower Upper
122 100
105 128.5 104.9 144.9
77 109.4 83.4 123.4





#33

4-Chloroaniline

Concen: 26.709 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

Tgt Ion:127 Resp: 335331

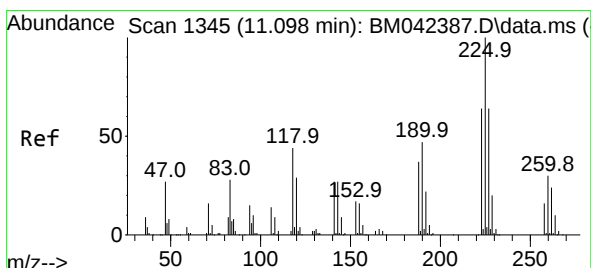
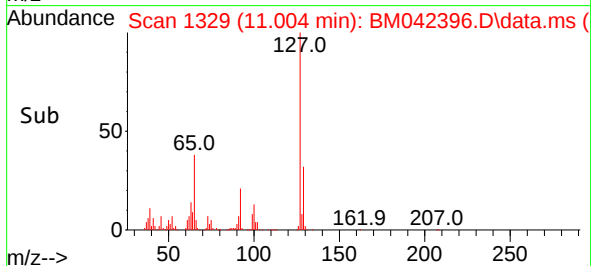
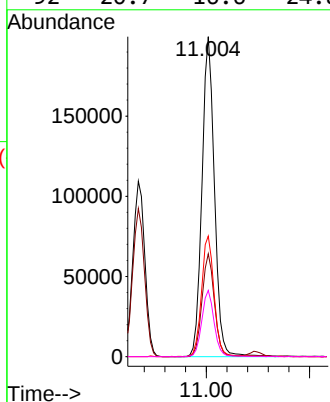
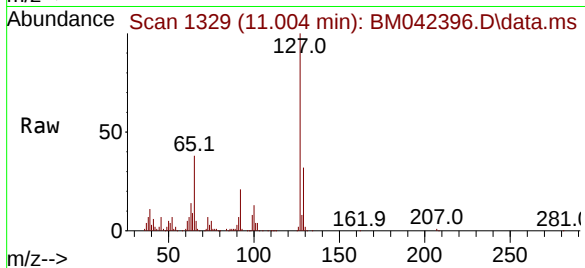
Ion Ratio Lower Upper

127 100

129 32.1 25.3 37.9

65 37.7 29.6 44.4

92 20.7 16.6 24.8



#34

Hexachlorobutadiene

Concen: 49.162 ng

RT: 11.098 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

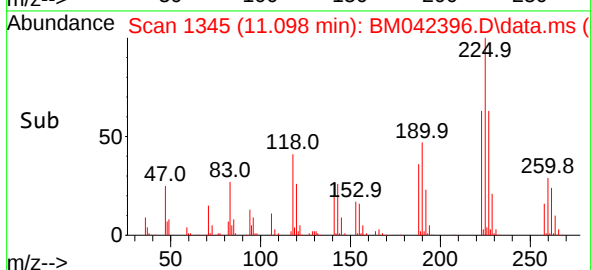
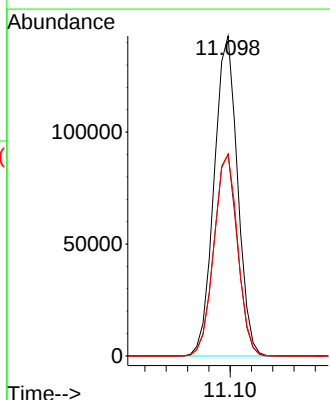
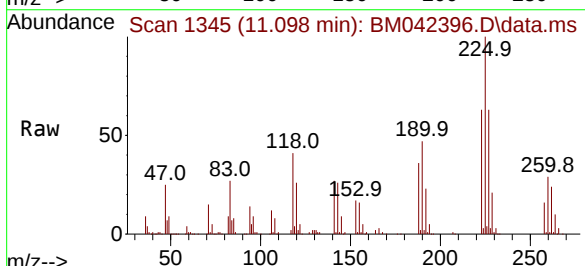
Tgt Ion:225 Resp: 217666

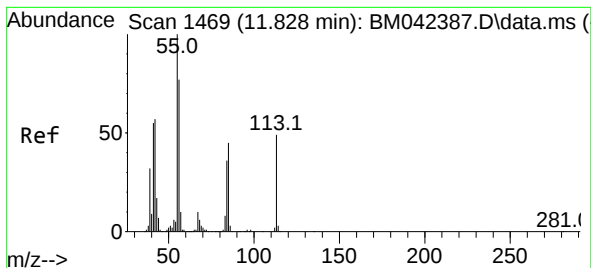
Ion Ratio Lower Upper

225 100

223 63.1 51.5 77.3

227 62.9 51.3 76.9

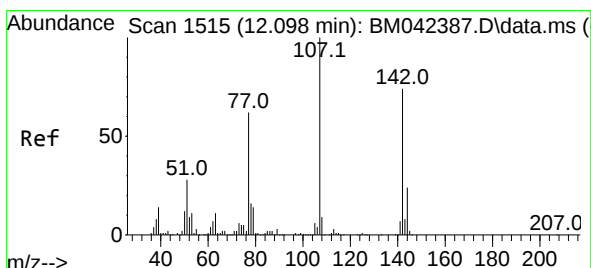
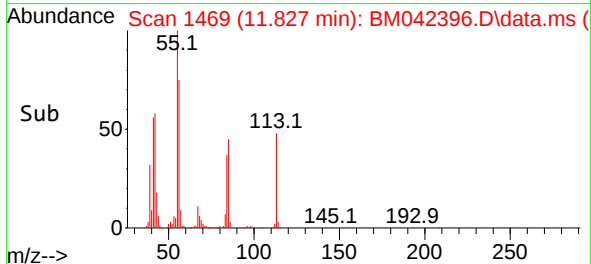
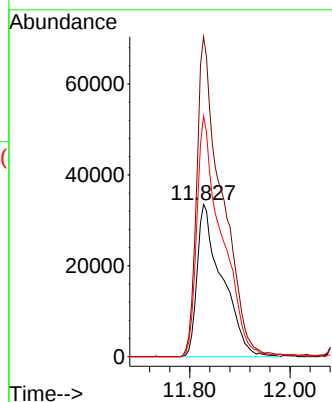
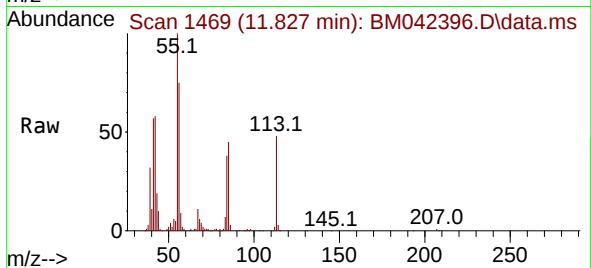




#35
 Caprolactam
 Concen: 39.352 ng
 RT: 11.827 min Scan# 1469
 Delta R.T. -0.001 min
 Lab File: BM042396.D
 Acq: 23 Oct 2023 11:17

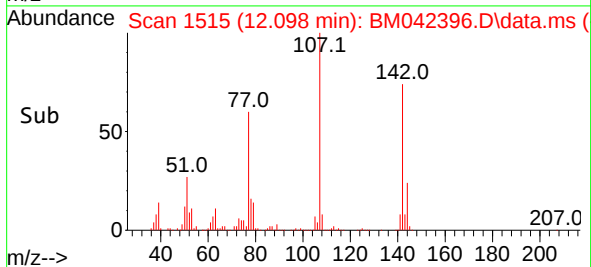
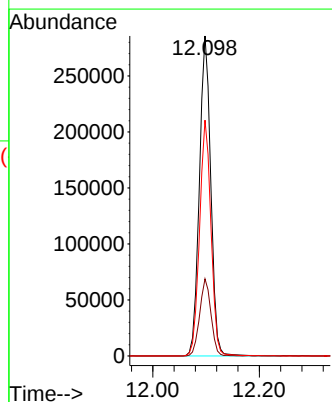
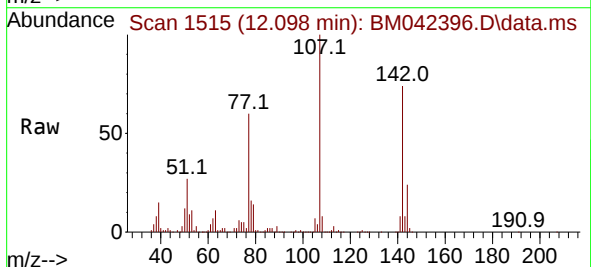
Instrument :
 BNA_M
 ClientSampleId :
 PB156324BS

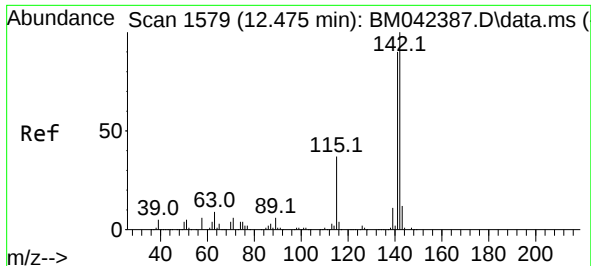
Tgt Ion:113 Resp: 115528
 Ion Ratio Lower Upper
 113 100
 55 210.3 185.6 225.6
 56 158.1 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.112 ng
 RT: 12.098 min Scan# 1515
 Delta R.T. -0.000 min
 Lab File: BM042396.D
 Acq: 23 Oct 2023 11:17

Tgt Ion:107 Resp: 424700
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.9 28.3
 142 73.7 59.2 88.8

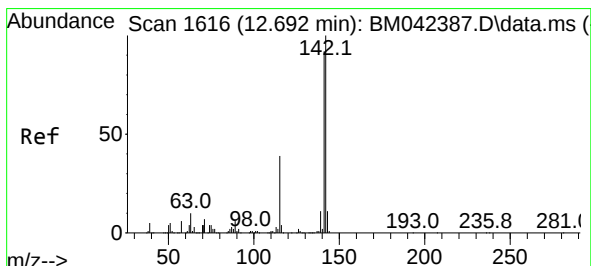
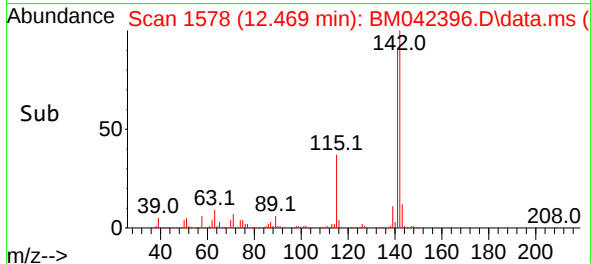
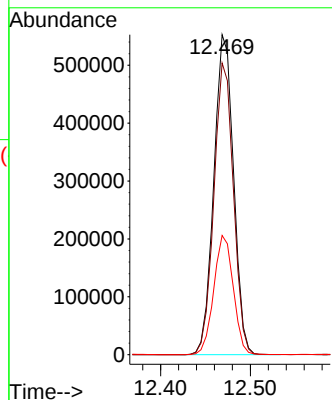
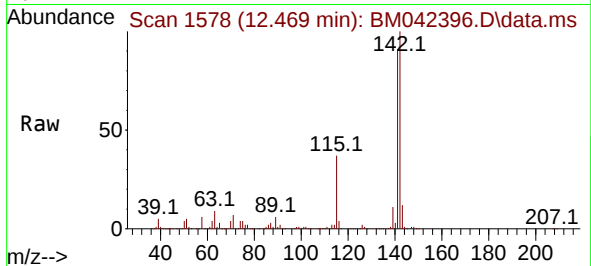




#37
2-Methylnaphthalene
Concen: 43.386 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

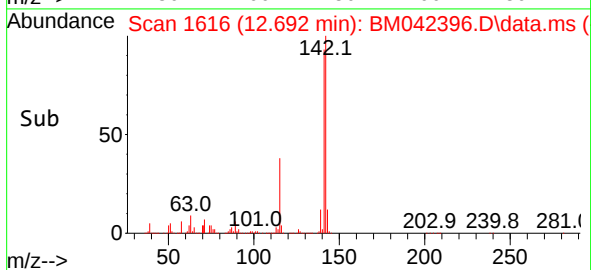
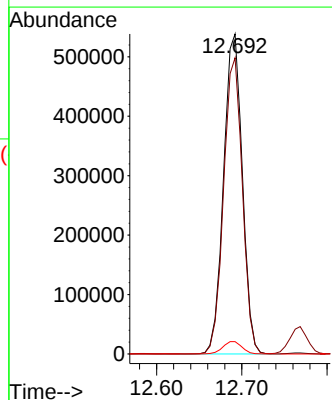
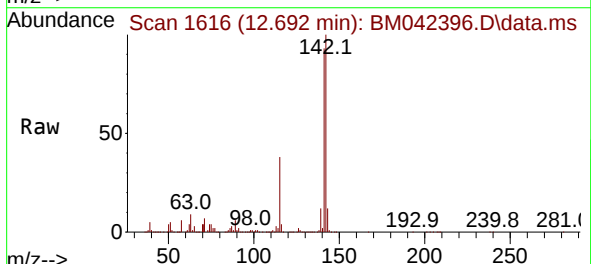
Instrument :
BNA_M
ClientSampleId :
PB156324BS

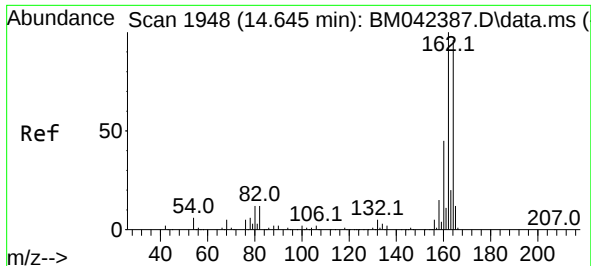
Tgt Ion:142 Resp: 844562
Ion Ratio Lower Upper
142 100
141 91.2 72.0 108.0
115 37.3 29.4 44.2



#38
1-Methylnaphthalene
Concen: 45.151 ng
RT: 12.692 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:142 Resp: 823398
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6
116 3.9 3.3 4.9

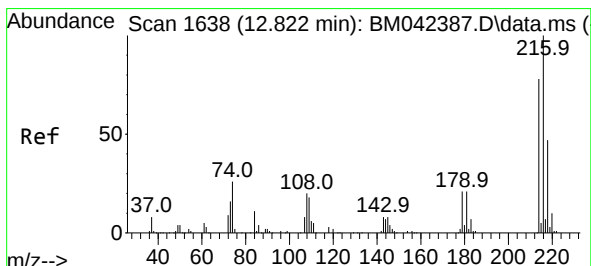
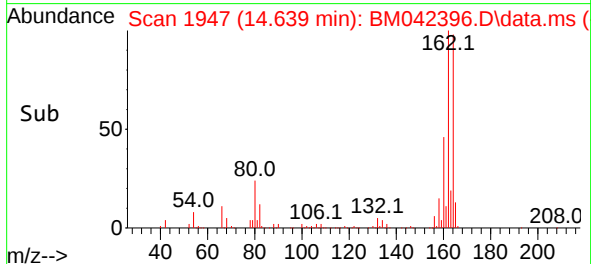
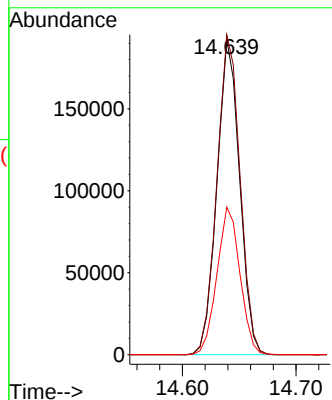
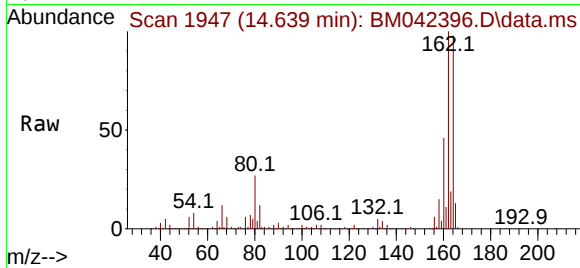




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

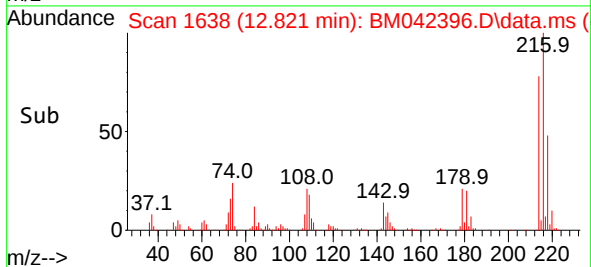
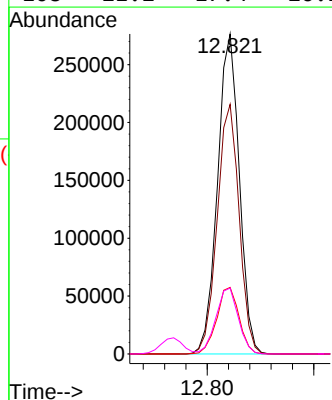
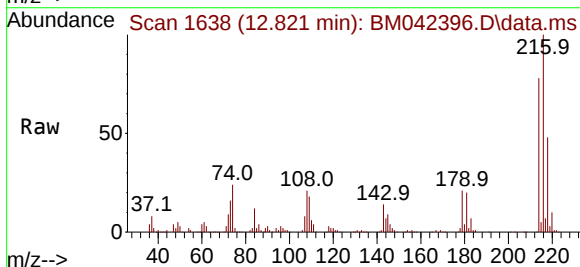
Instrument :
BNA_M
ClientSampleId :
PB156324BS

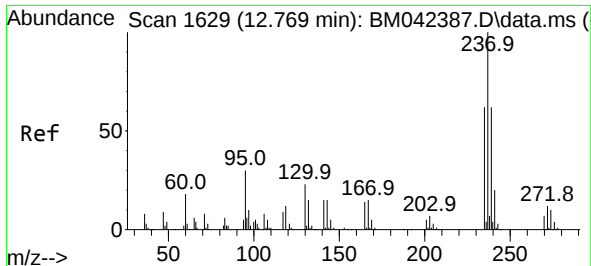
Tgt Ion:164 Resp: 266207
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 46.8 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.857 ng
RT: 12.821 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:216 Resp: 391390
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.3 17.2 25.8
108 21.2 17.4 26.2

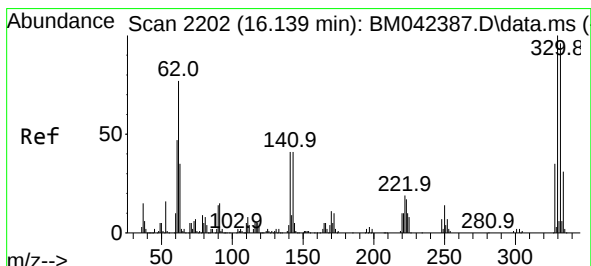
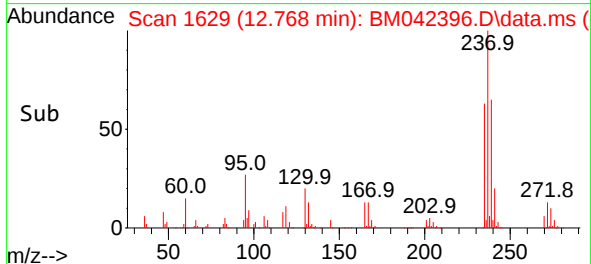
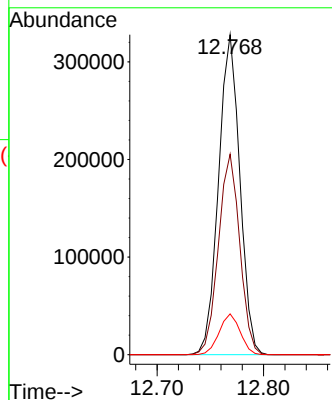
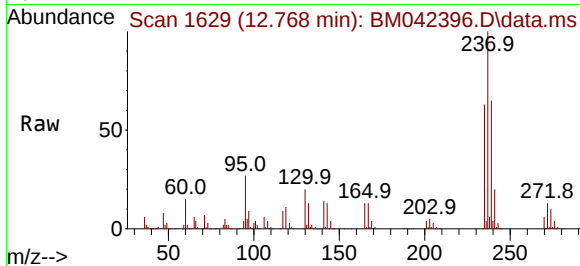




#41
Hexachlorocyclopentadiene
Concen: 107.181 ng
RT: 12.768 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

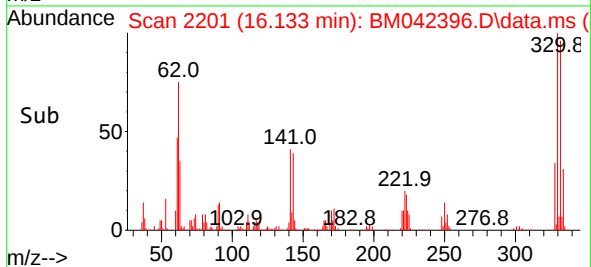
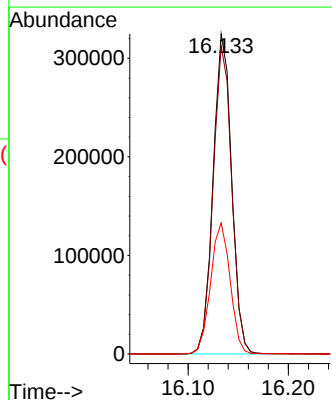
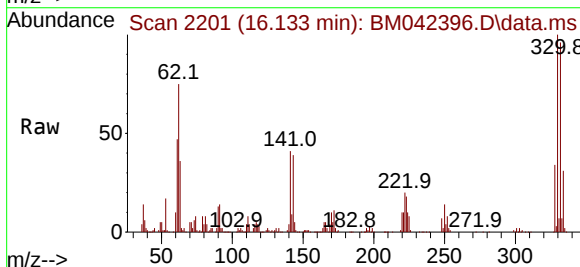
Instrument :
BNA_M
ClientSampleId :
PB156324BS

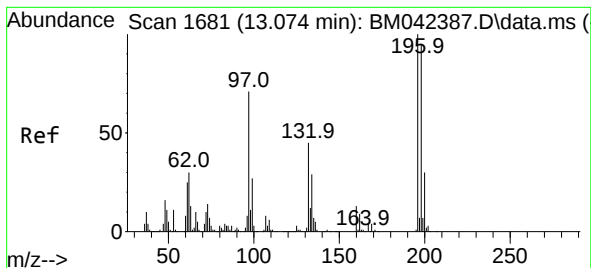
Tgt Ion:237 Resp: 454123
Ion Ratio Lower Upper
237 100
235 62.7 41.5 81.5
272 12.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 141.024 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:330 Resp: 417077
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 43.2 38.0 57.0





#43

2,4,6-Trichlorophenol

Concen: 52.049 ng

RT: 13.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

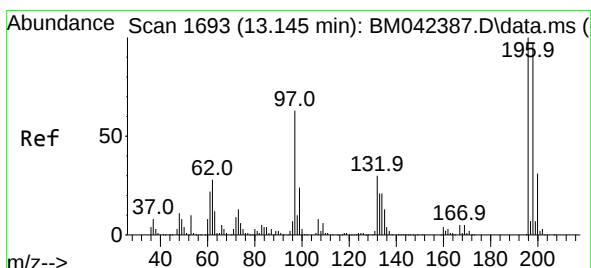
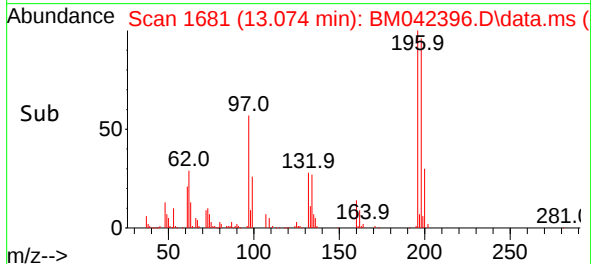
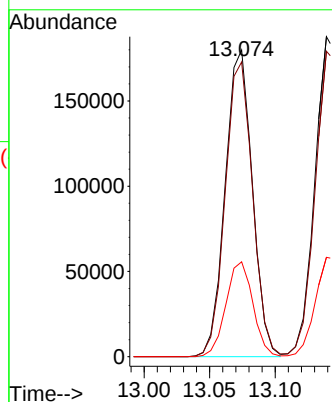
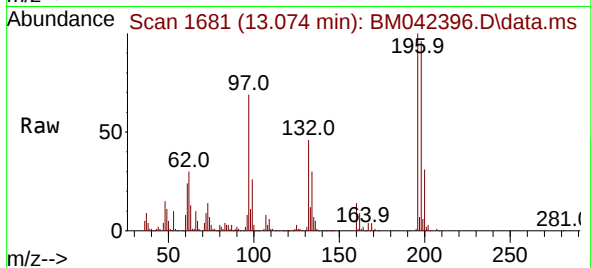
Tgt Ion:196 Resp: 259305

Ion Ratio Lower Upper

196 100

198 96.1 76.3 114.5

200 30.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.429 ng

RT: 13.139 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Tgt Ion:196 Resp: 285211

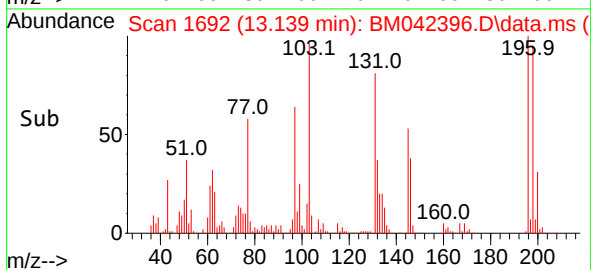
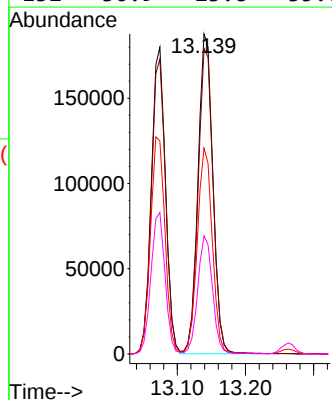
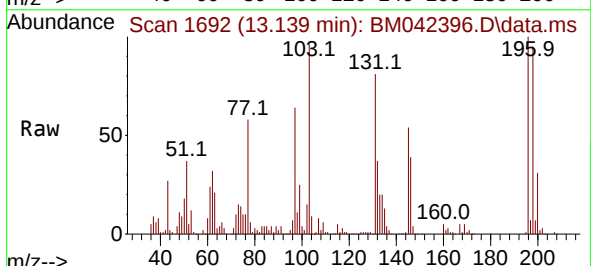
Ion Ratio Lower Upper

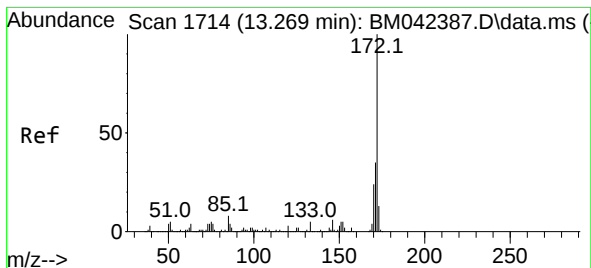
196 100

198 95.4 77.9 116.9

97 64.3 50.9 76.3

132 36.9 23.8 35.6#





#45

2-Fluorobiphenyl

Concen: 98.138 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

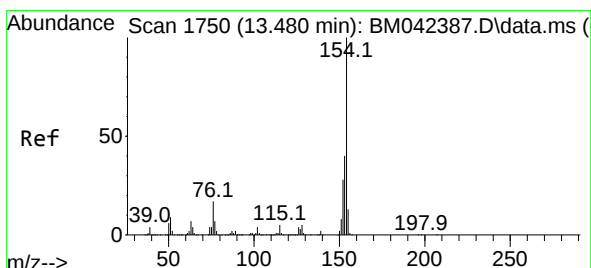
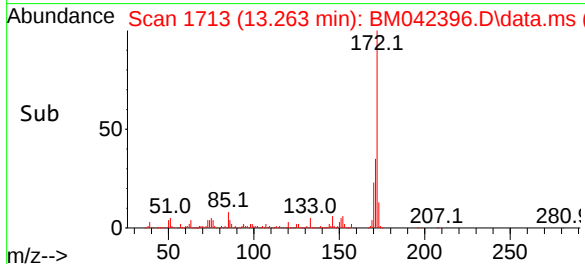
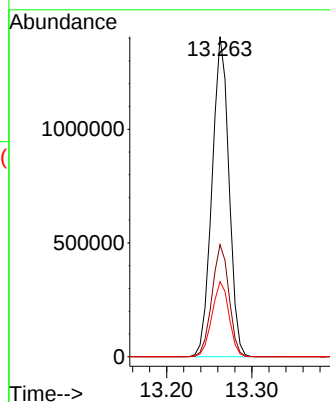
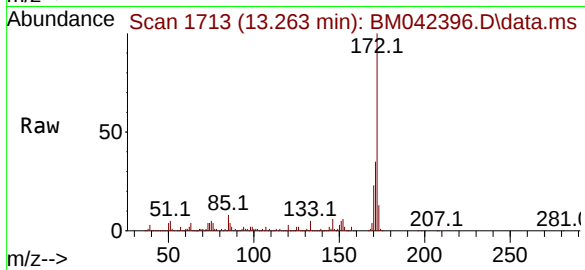
Tgt Ion:172 Resp: 1940066

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.790 ng

RT: 13.480 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

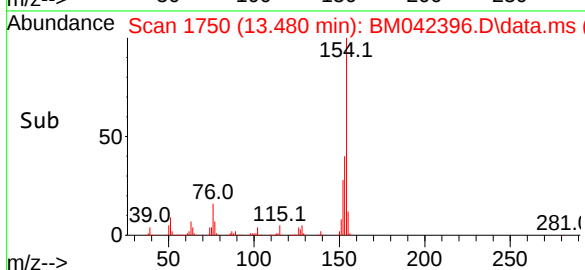
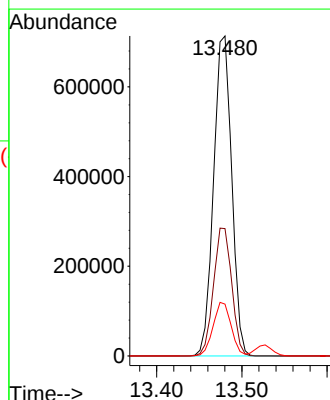
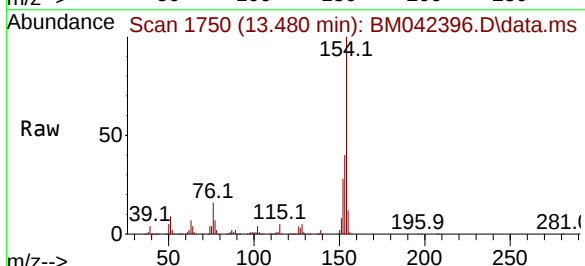
Tgt Ion:154 Resp: 1051488

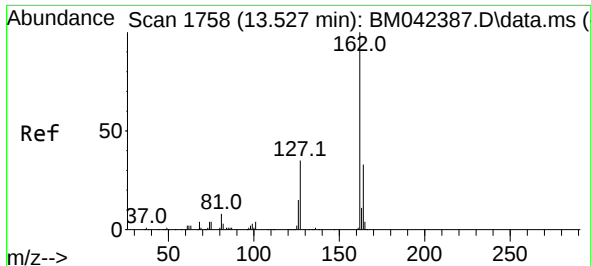
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 16.2 0.0 36.9

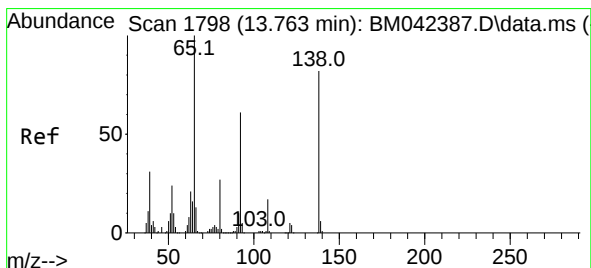
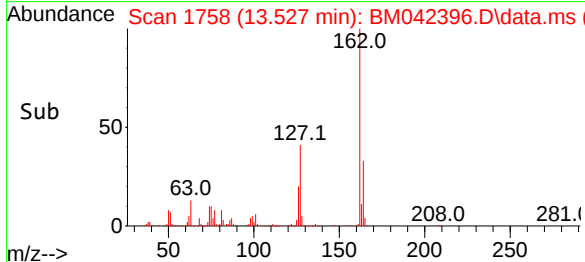
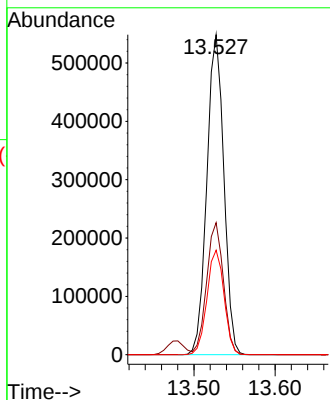
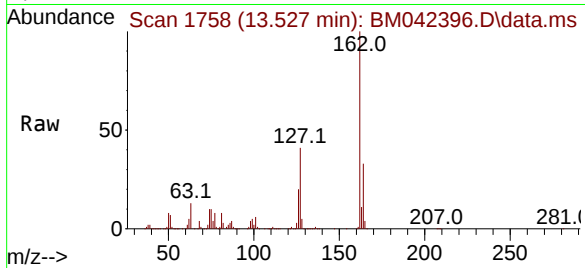




#47
2-Chloronaphthalene
Concen: 51.329 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

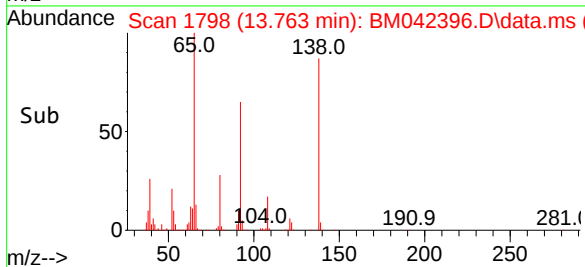
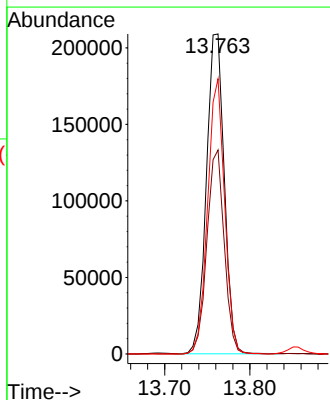
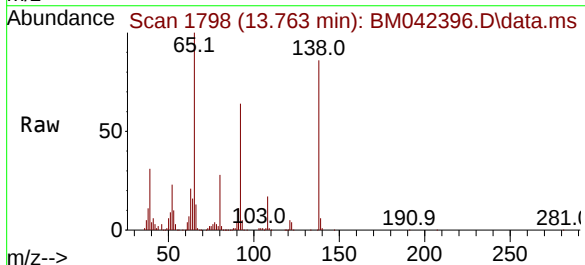
Instrument :
BNA_M
ClientSampleId :
PB156324BS

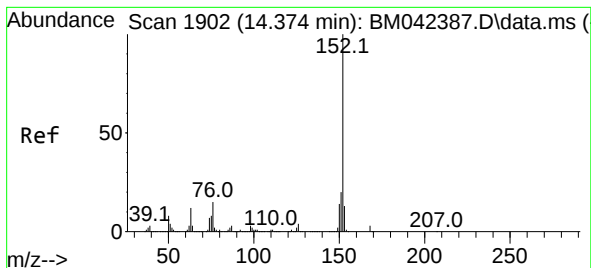
Tgt Ion:162 Resp: 795265
Ion Ratio Lower Upper
162 100
127 41.3 32.2 48.2
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 44.647 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 65 Resp: 303731
Ion Ratio Lower Upper
65 100
92 63.7 49.0 73.6
138 86.0 65.5 98.3





#49

Acenaphthylene

Concen: 52.239 ng

RT: 14.368 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

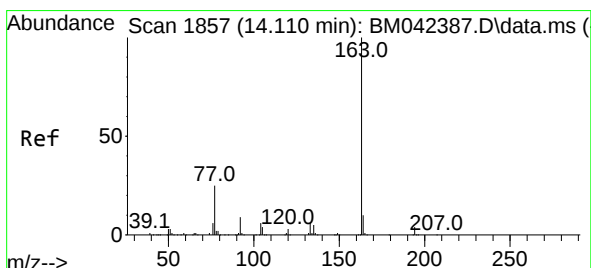
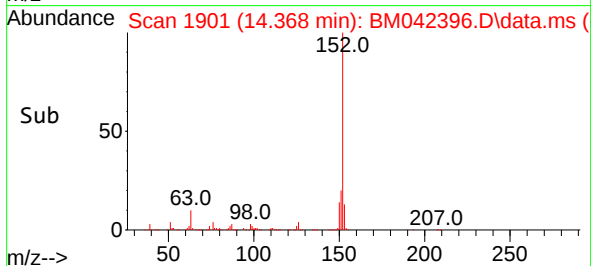
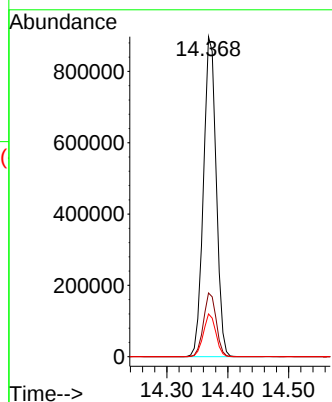
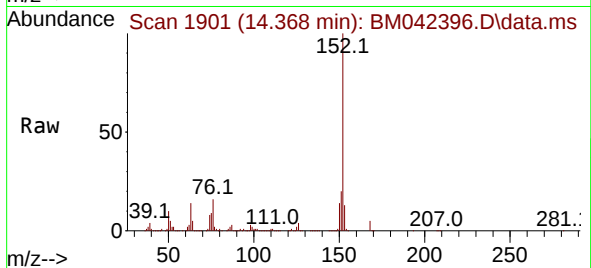
Tgt Ion:152 Resp: 1306671

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 46.800 ng

RT: 14.104 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

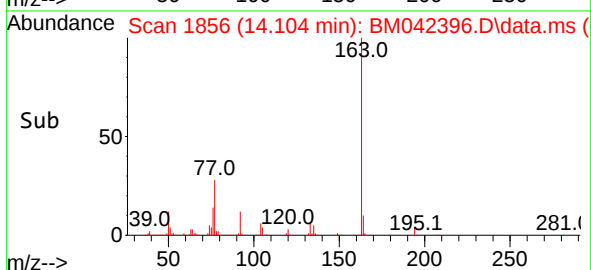
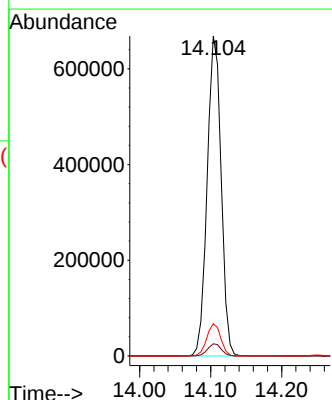
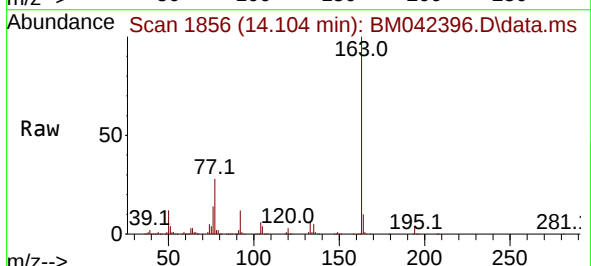
Tgt Ion:163 Resp: 913842

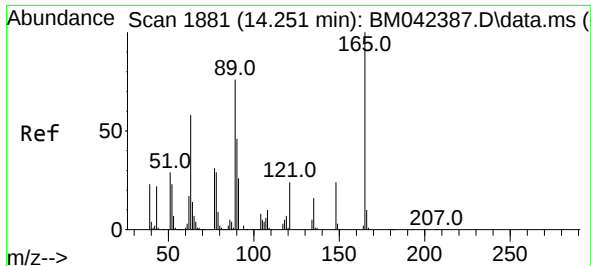
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9

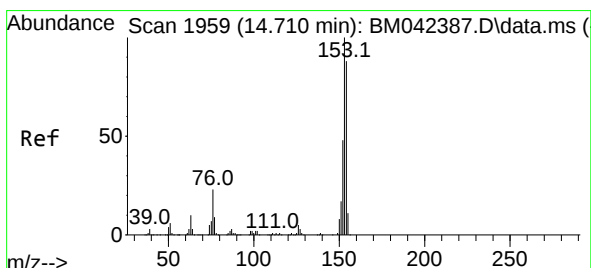
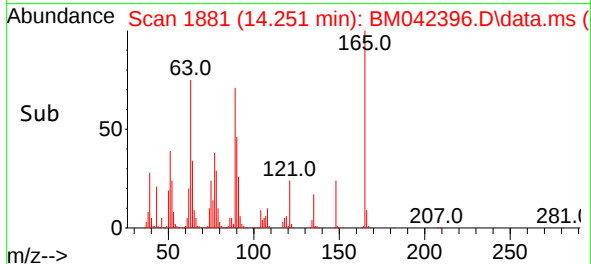
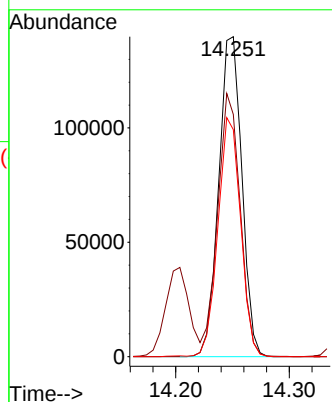
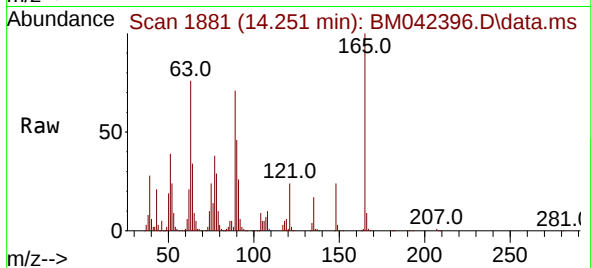




#51
2,6-Dinitrotoluene
Concen: 45.020 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

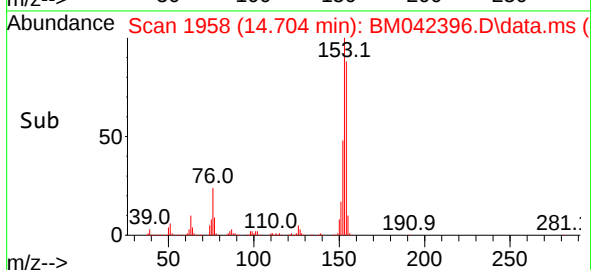
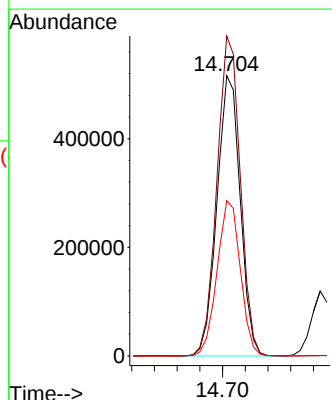
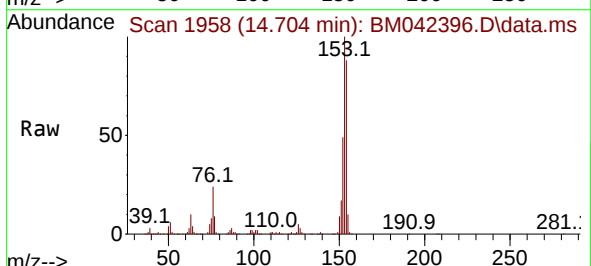
Instrument :
BNA_M
ClientSampleId :
PB156324BS

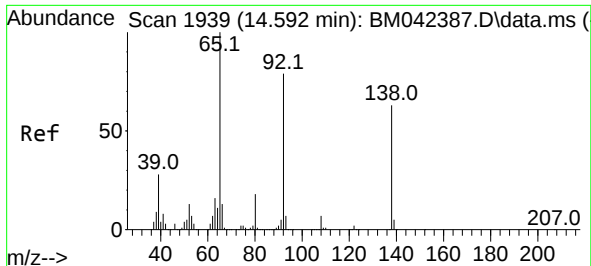
Tgt Ion:165 Resp: 197648
Ion Ratio Lower Upper
165 100
63 75.7 65.3 97.9
89 71.0 60.6 91.0



#52
Acenaphthene
Concen: 48.559 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:154 Resp: 734327
Ion Ratio Lower Upper
154 100
153 114.2 91.1 136.7
152 55.4 44.0 66.0

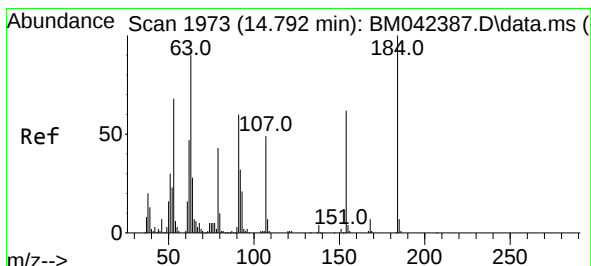
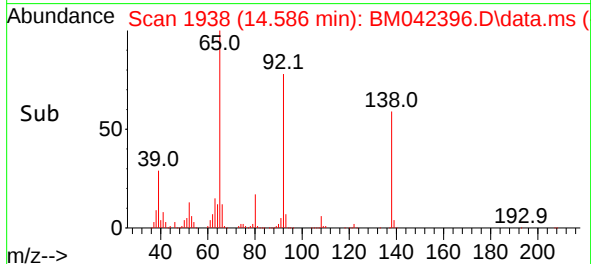
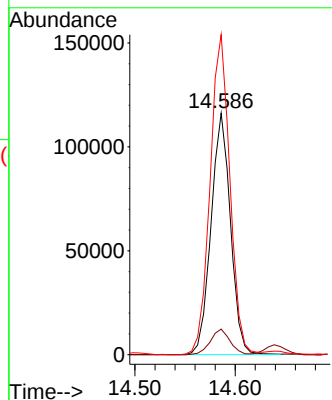
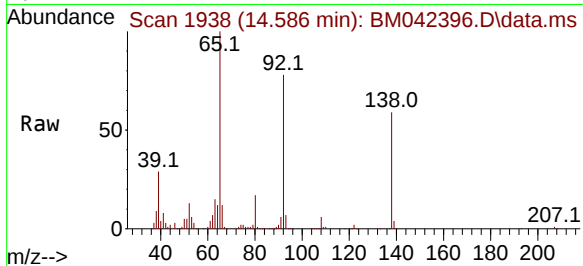




#53
3-Nitroaniline
Concen: 31.187 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

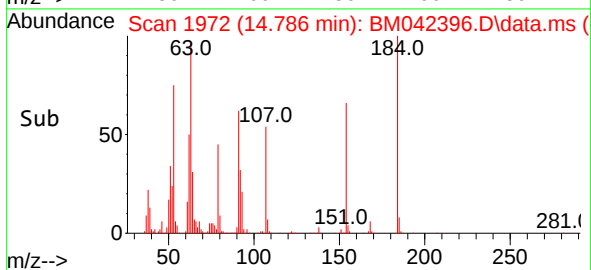
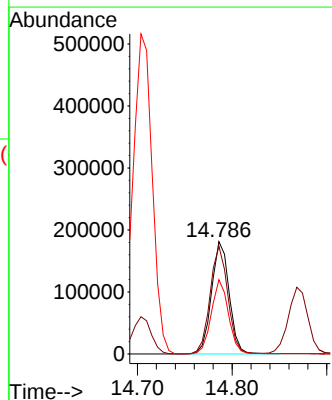
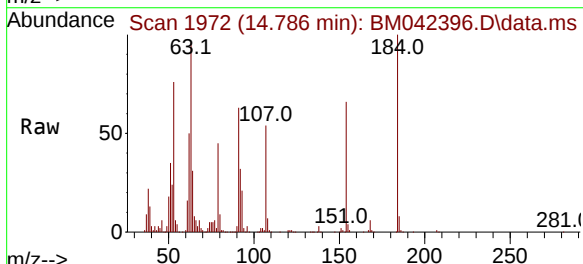
Instrument :
BNA_M
ClientSampleId :
PB156324BS

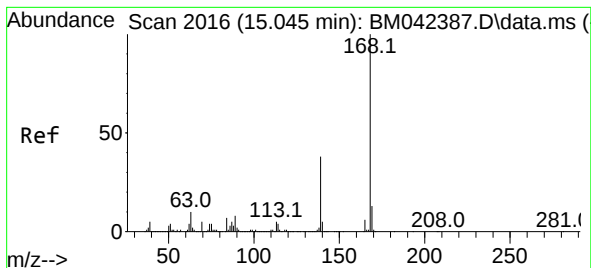
Tgt Ion:138 Resp: 156626
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 132.5 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 85.344 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:184 Resp: 234737
Ion Ratio Lower Upper
184 100
63 95.9 72.2 108.2
154 66.1 49.6 74.4





#55

Dibenzenofuran

Concen: 47.843 ng

RT: 15.039 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

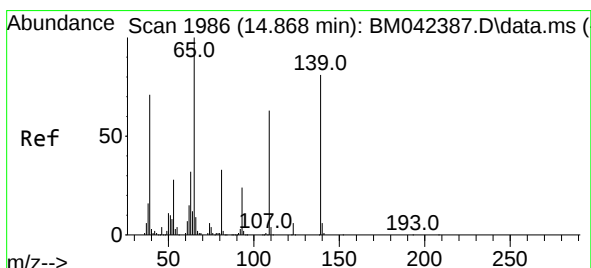
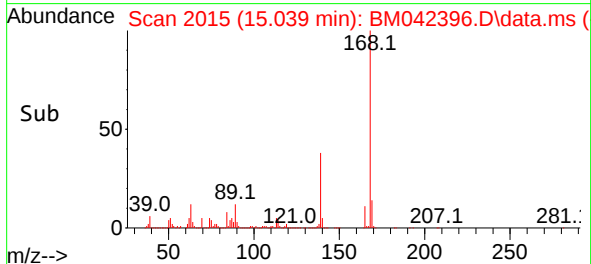
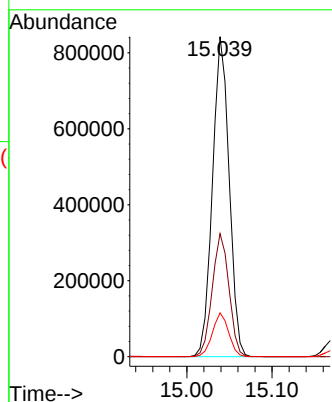
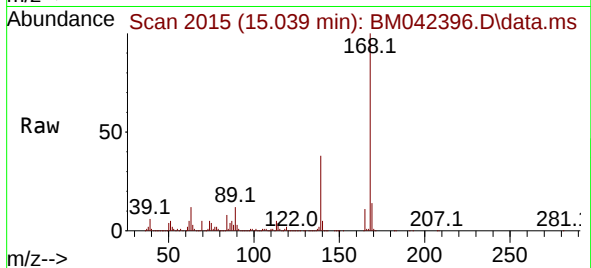
Tgt Ion:168 Resp: 1144320

Ion Ratio Lower Upper

168 100

139 38.5 30.6 46.0

169 13.7 10.4 15.6



#56

4-Nitrophenol

Concen: 99.664 ng

RT: 14.868 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

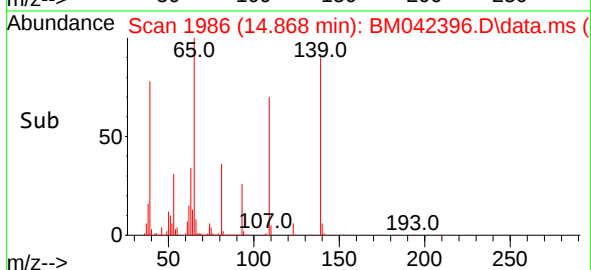
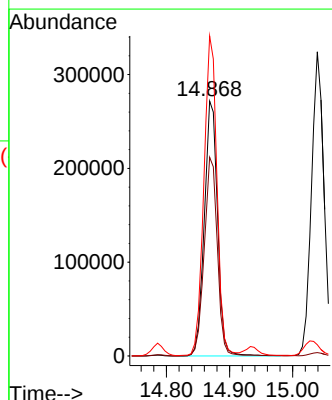
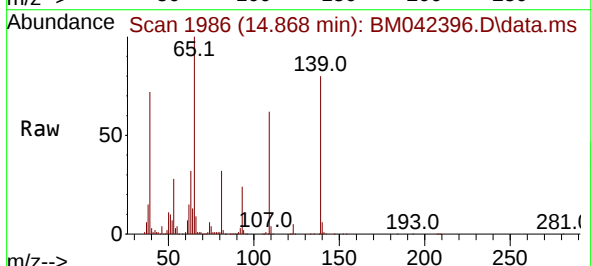
Tgt Ion:139 Resp: 396353

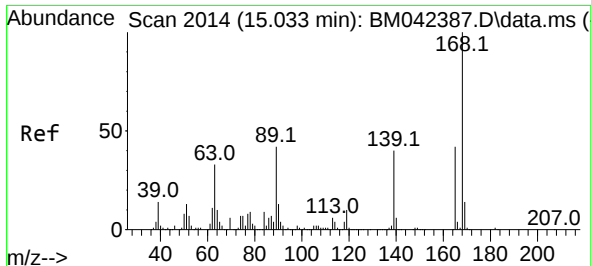
Ion Ratio Lower Upper

139 100

109 78.0 58.0 98.0

65 125.6 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 44.157 ng

RT: 15.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

Tgt Ion:165 Resp: 258288

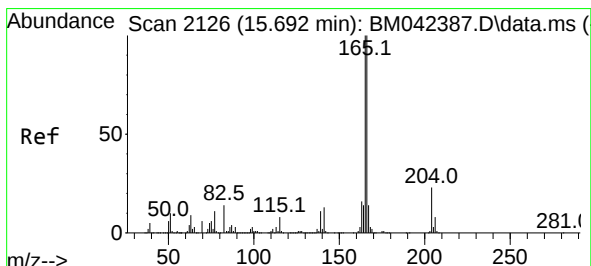
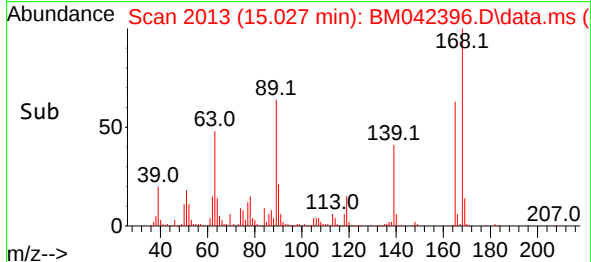
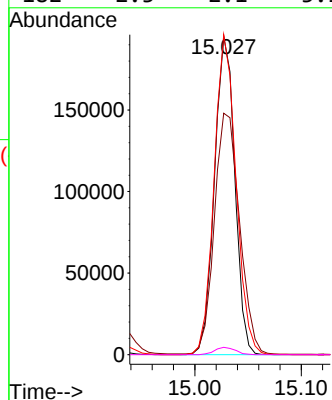
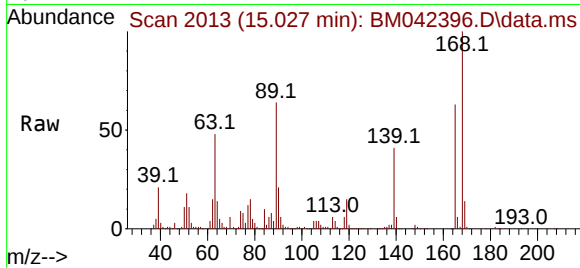
Ion Ratio Lower Upper

165 100

63 75.9 62.9 94.3

89 100.6 80.2 120.2

182 2.3 2.1 3.1



#58

Fluorene

Concen: 48.547 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

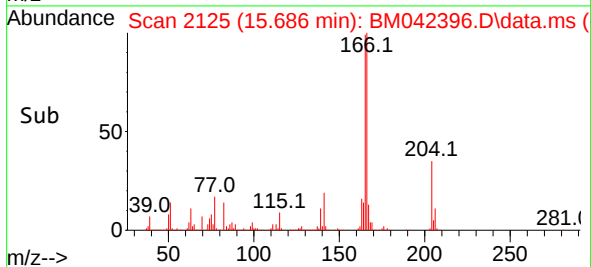
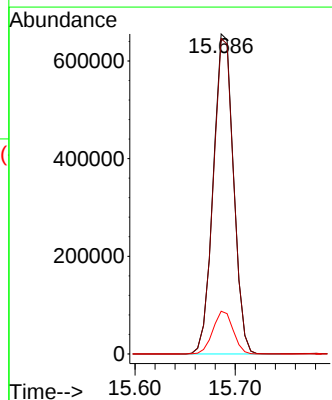
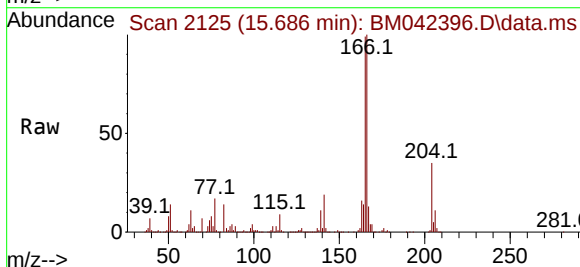
Tgt Ion:166 Resp: 916272

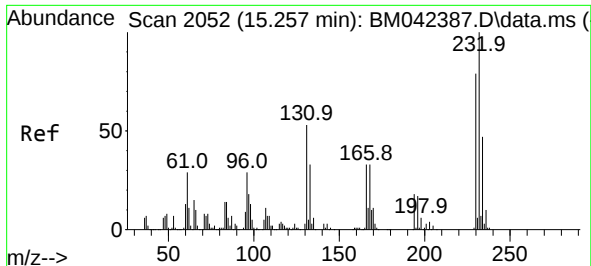
Ion Ratio Lower Upper

166 100

165 98.5 79.6 119.4

167 13.3 10.9 16.3



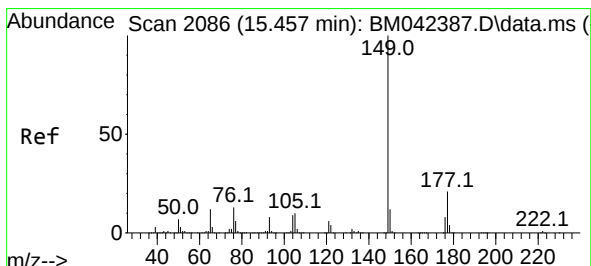
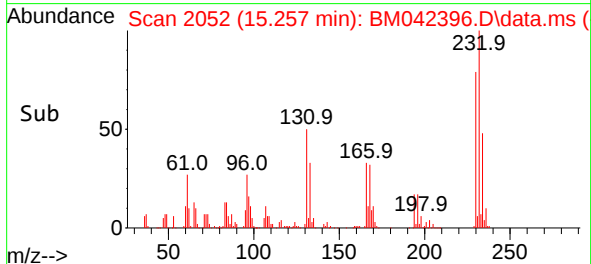
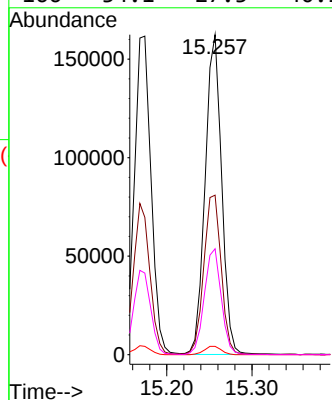
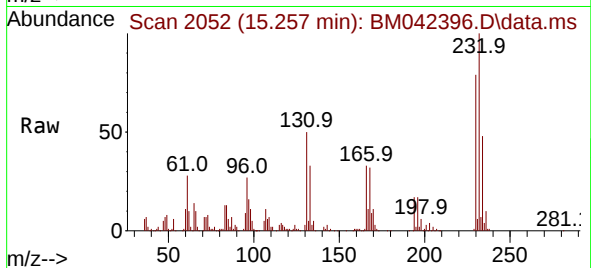


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.391 ng
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Instrument :
BNA_M
ClientSampleId :
PB156324BS

Tgt Ion:232 Resp: 218516

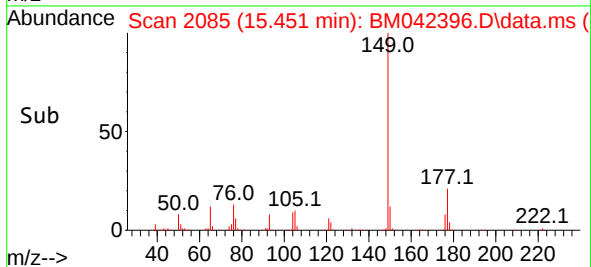
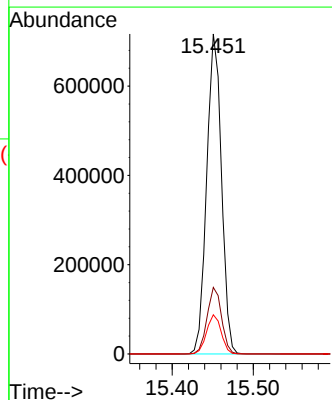
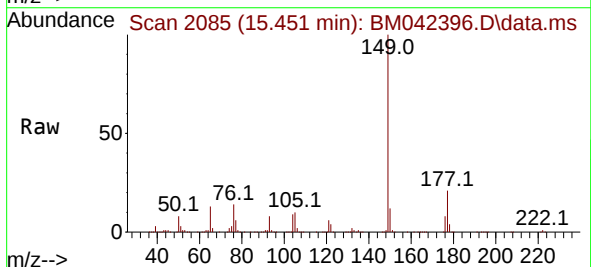
Ion	Ratio	Lower	Upper
232	100		
131	52.6	42.8	64.2
130	2.7	2.2	3.2
166	34.1	27.3	40.9

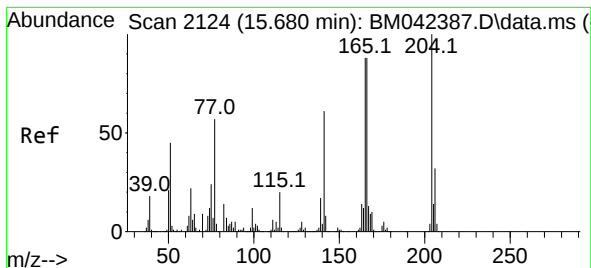


#60
Diethylphthalate
Concen: 46.812 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:149 Resp: 902026

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.2	9.8	14.6

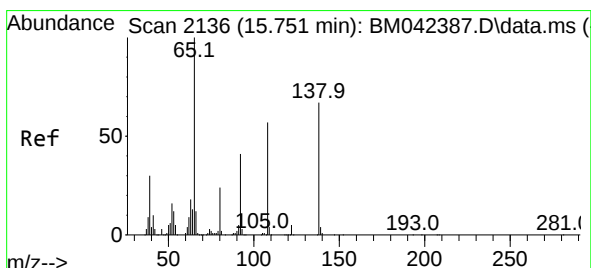
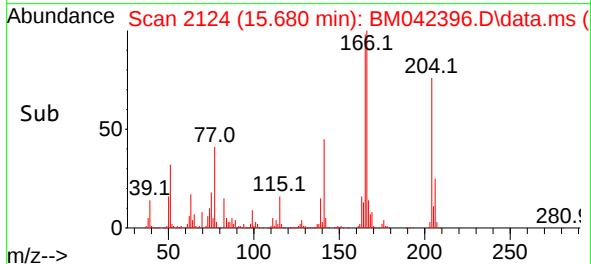
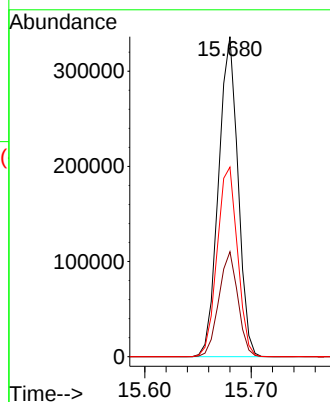
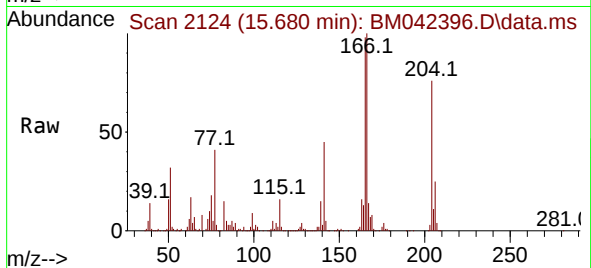




#61
4-Chlorophenyl-phenylether
Concen: 47.934 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

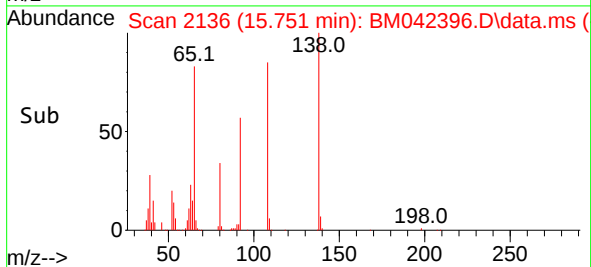
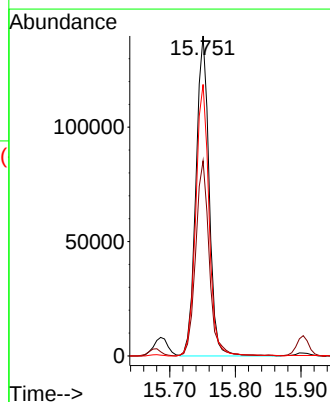
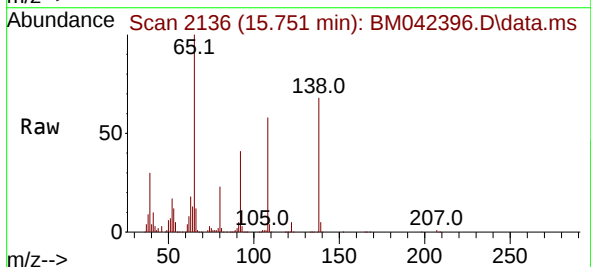
Instrument :
BNA_M
ClientSampleId :
PB156324BS

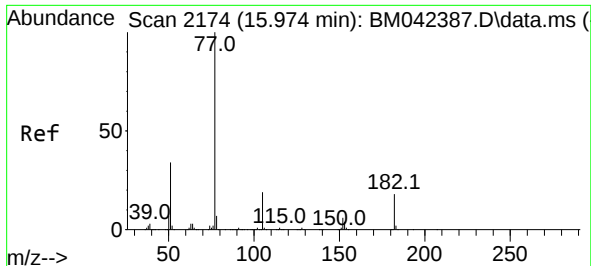
Tgt Ion:204 Resp: 426066
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 59.2 49.1 73.7



#62
4-Nitroaniline
Concen: 39.838 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:138 Resp: 196323
Ion Ratio Lower Upper
138 100
92 61.0 40.4 80.4
108 84.8 65.3 105.3



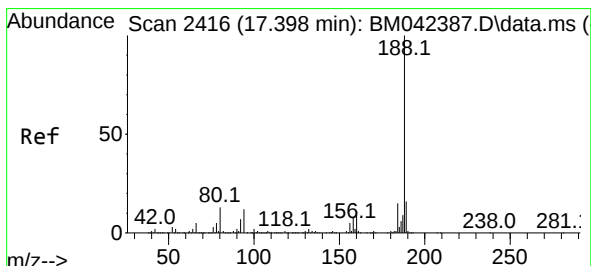
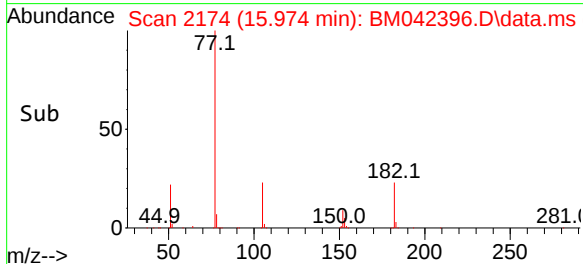
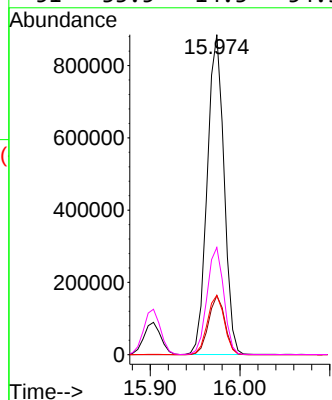
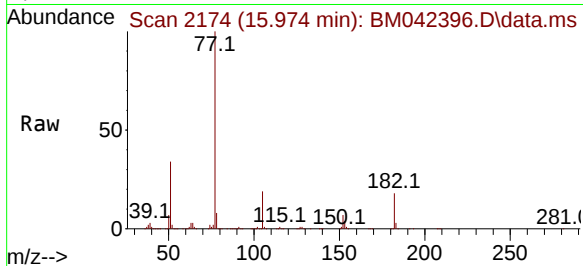


#63
Azobenzene
Concen: 49.549 ng
RT: 15.974 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Instrument :
BNA_M
ClientSampleId :
PB156324BS

Tgt Ion: 77 Resp: 1145503

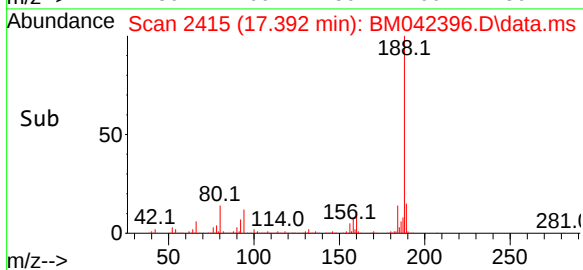
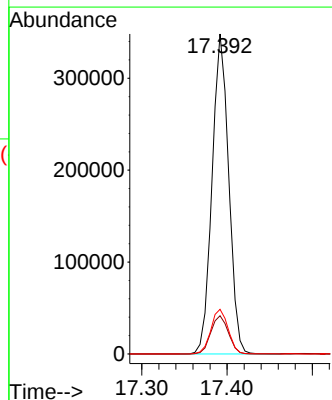
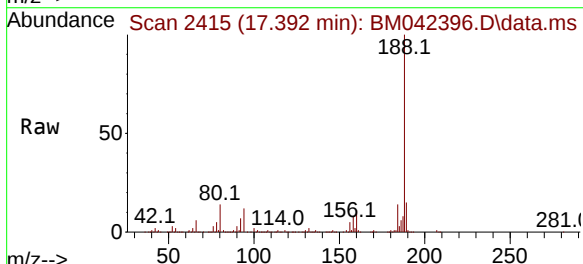
Ion	Ratio	Lower	Upper
77	100		
182	18.5	0.0	37.7
105	18.5	0.0	38.9
51	33.5	14.3	54.3

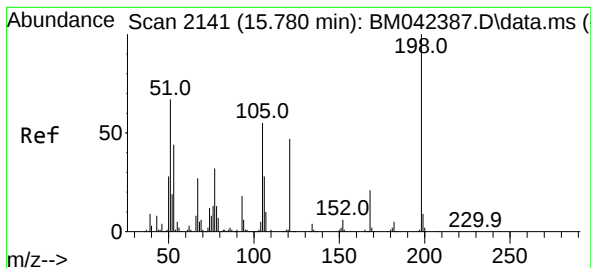


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion: 188 Resp: 473477

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.0
80	14.0	10.7	16.1

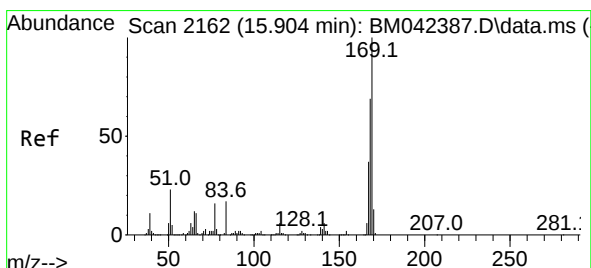
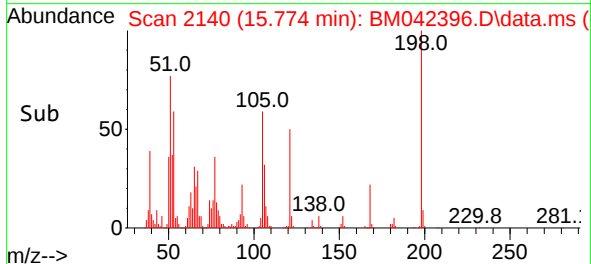
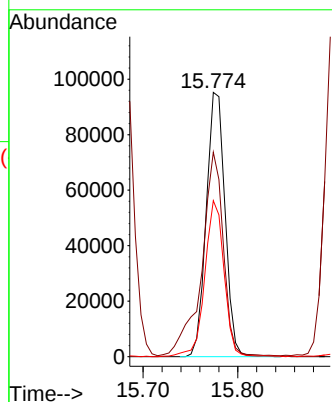
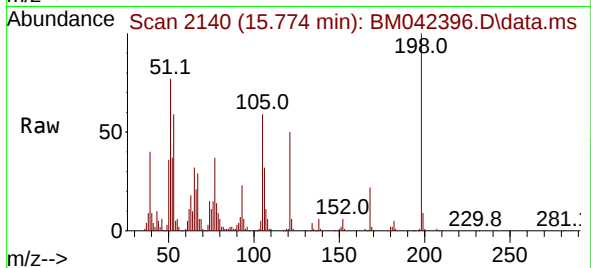




#65
4,6-Dinitro-2-methylphenol
Concen: 43.794 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

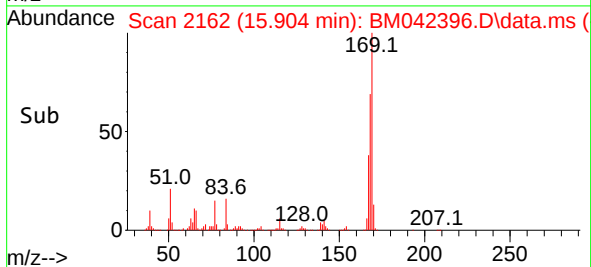
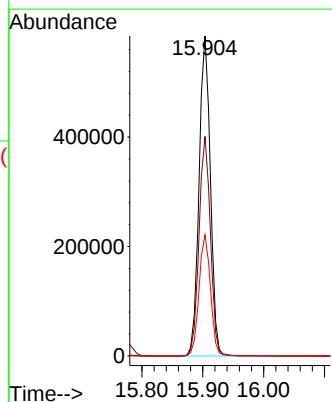
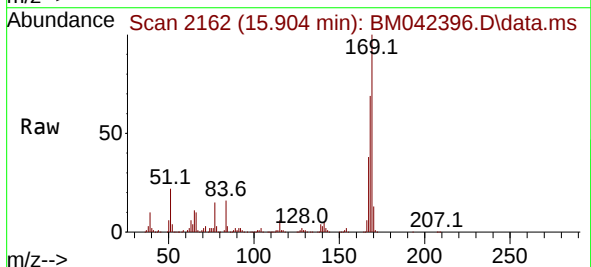
Instrument :
BNA_M
ClientSampleId :
PB156324BS

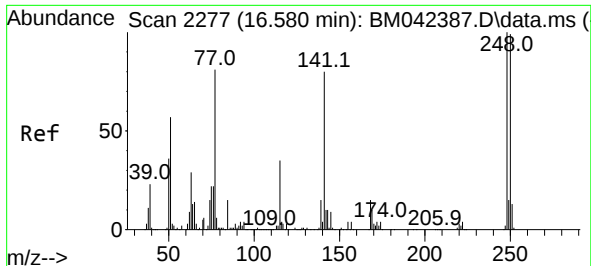
Tgt Ion:198 Resp: 130603
Ion Ratio Lower Upper
198 100
51 77.4 54.1 94.1
105 59.1 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 52.670 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:169 Resp: 751127
Ion Ratio Lower Upper
169 100
168 68.6 55.4 83.2
167 37.8 29.9 44.9

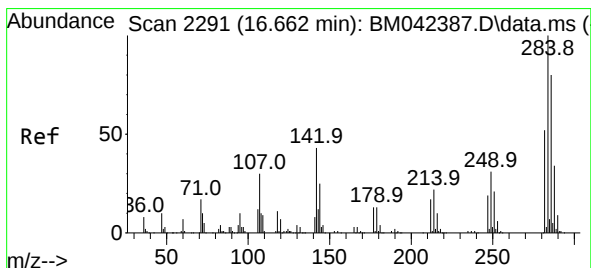
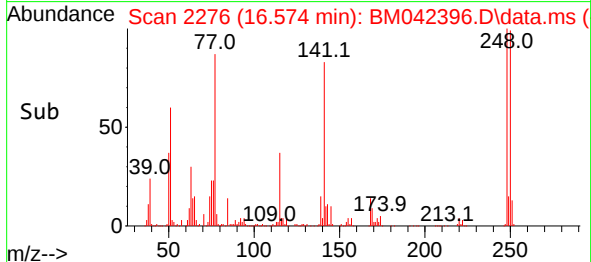
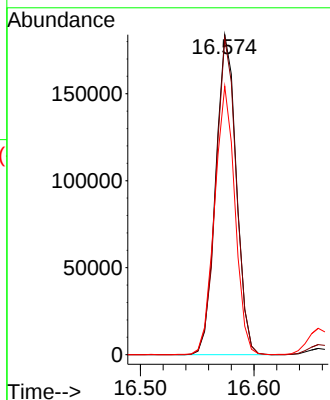
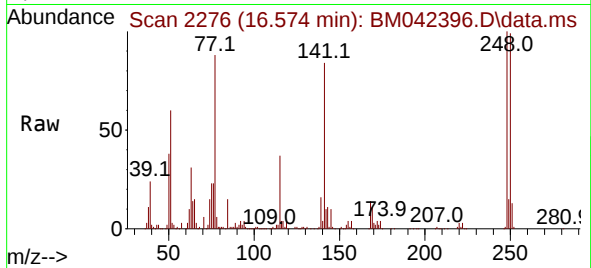




#67
4-Bromophenyl-phenylether
Concen: 52.799 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

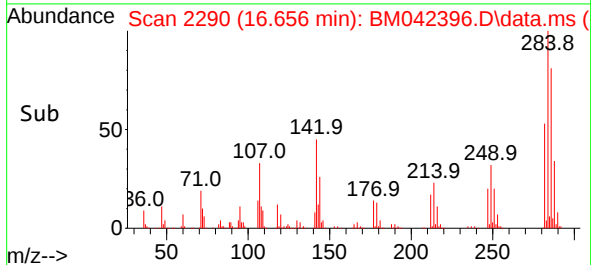
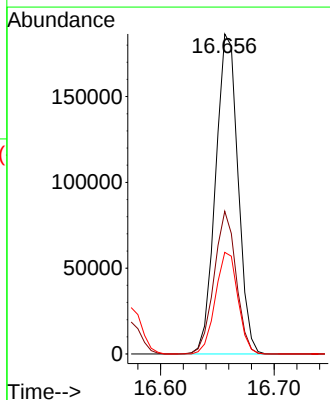
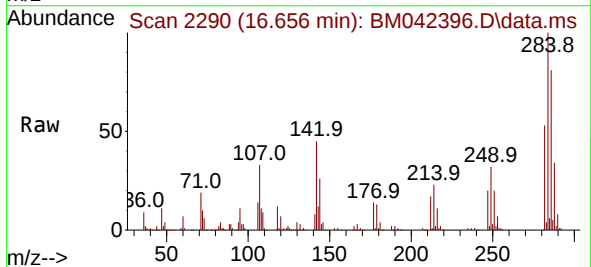
Instrument :
BNA_M
ClientSampleId :
PB156324BS

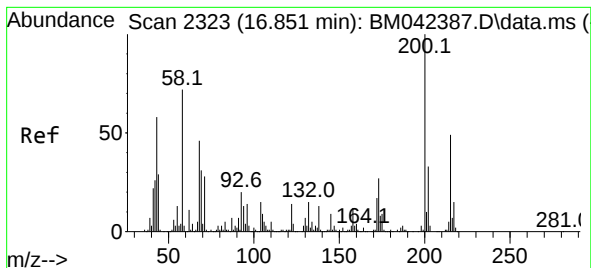
Tgt Ion:248 Resp: 231696
Ion Ratio Lower Upper
248 100
250 99.0 79.4 119.2
141 83.9 64.3 96.5



#68
Hexachlorobenzene
Concen: 54.547 ng
RT: 16.656 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:284 Resp: 255862
Ion Ratio Lower Upper
284 100
142 44.6 34.2 51.2
249 31.7 24.7 37.1





#69

Atrazine

Concen: 62.773 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

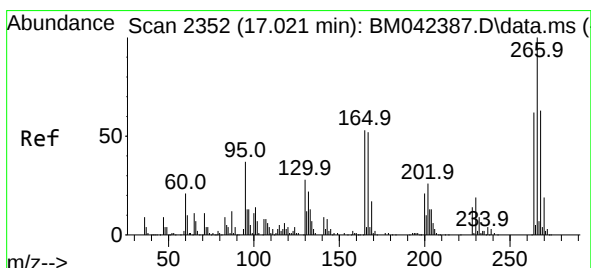
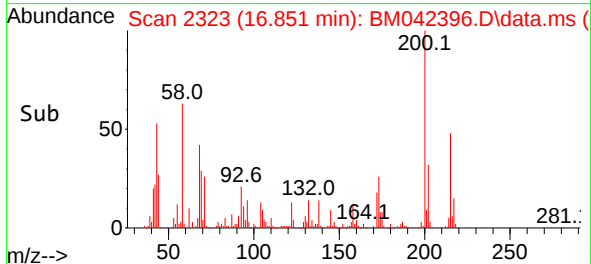
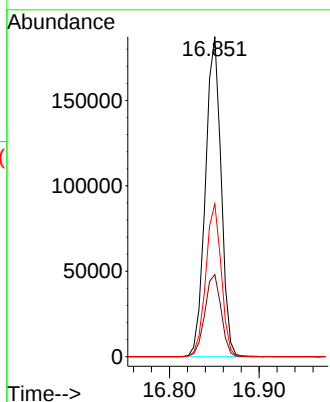
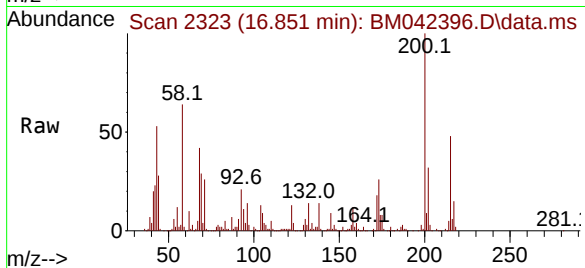
Tgt Ion:200 Resp: 227018

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

215 47.8 28.6 68.6



#70

Pentachlorophenol

Concen: 89.940 ng

RT: 17.021 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

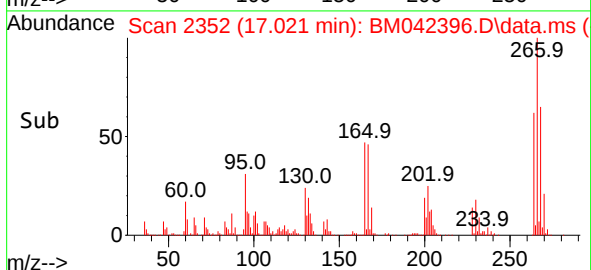
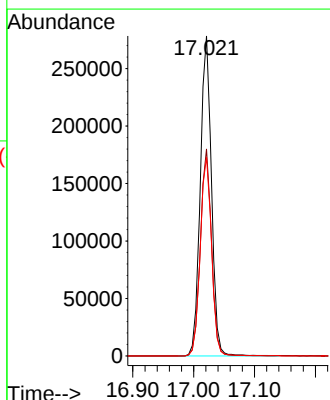
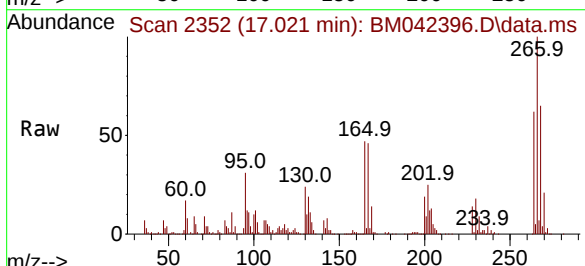
Tgt Ion:266 Resp: 355340

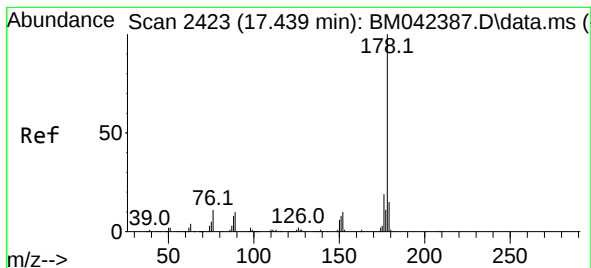
Ion Ratio Lower Upper

266 100

268 64.7 50.6 76.0

264 62.2 49.4 74.0





#71

Phenanthrene

Concen: 51.604 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

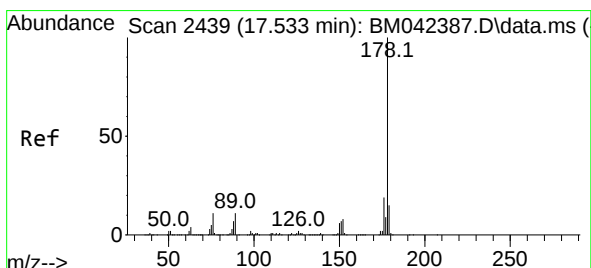
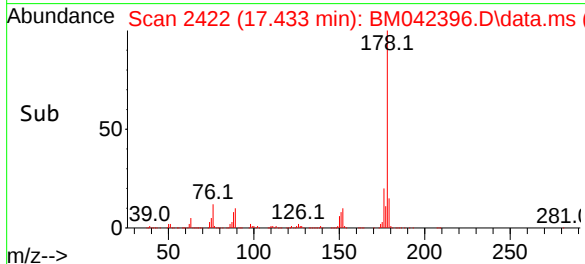
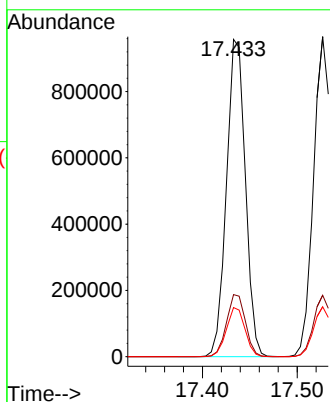
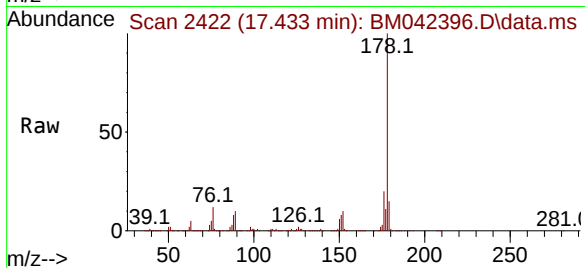
Tgt Ion:178 Resp: 1329173

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 51.578 ng

RT: 17.527 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

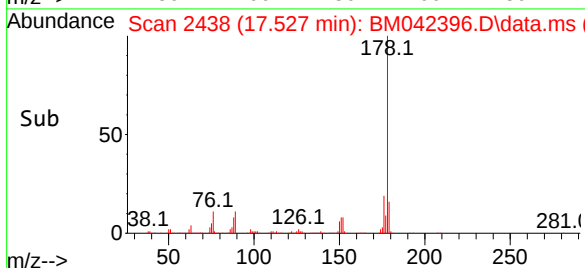
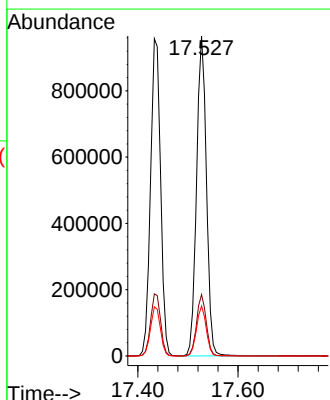
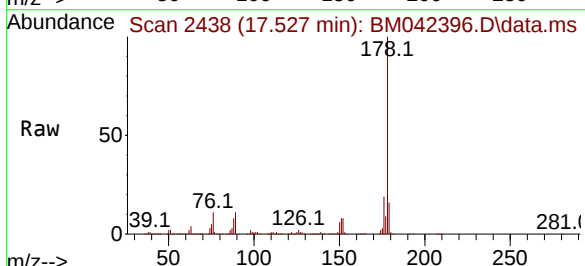
Tgt Ion:178 Resp: 1315740

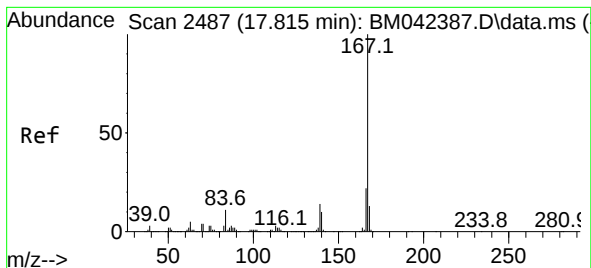
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.6 12.1 18.1





#73

Carbazole

Concen: 51.280 ng

RT: 17.815 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

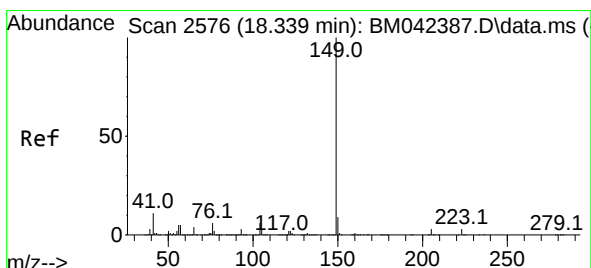
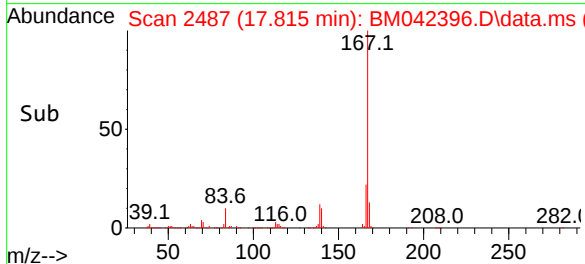
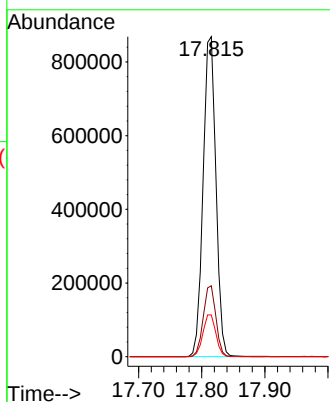
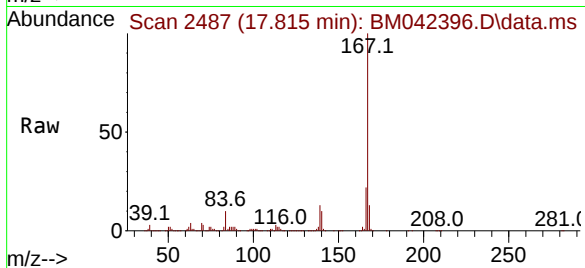
Tgt Ion:167 Resp: 1227181

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.0 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.281 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

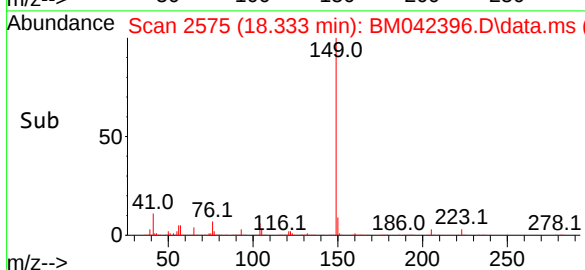
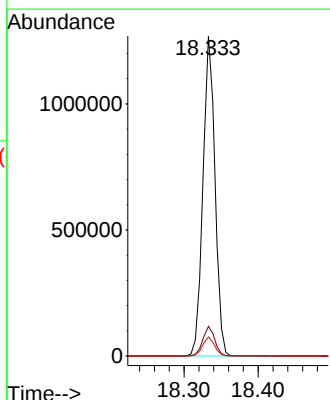
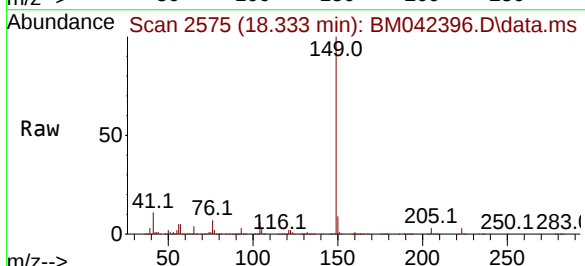
Tgt Ion:149 Resp: 1431430

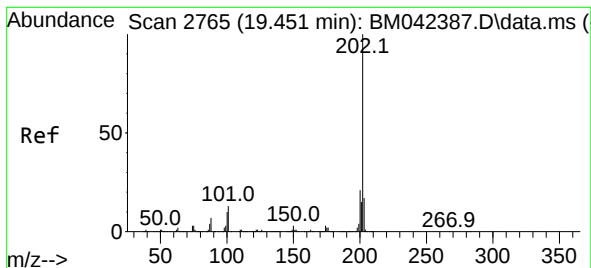
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.9 4.6 7.0





#75

Fluoranthene

Concen: 48.876 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

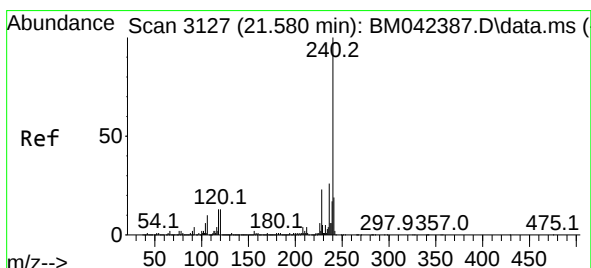
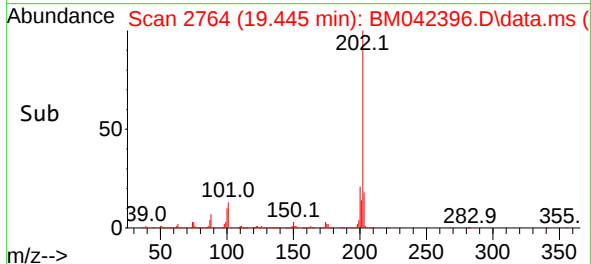
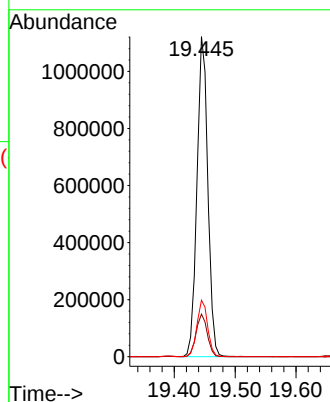
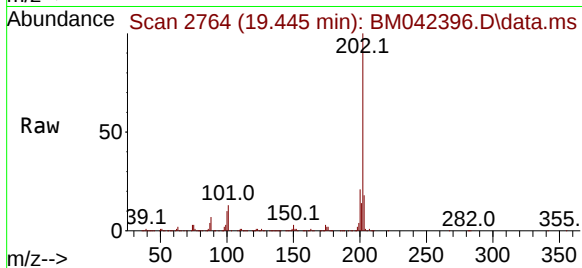
Tgt Ion:202 Resp: 1386489

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.3

203 17.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

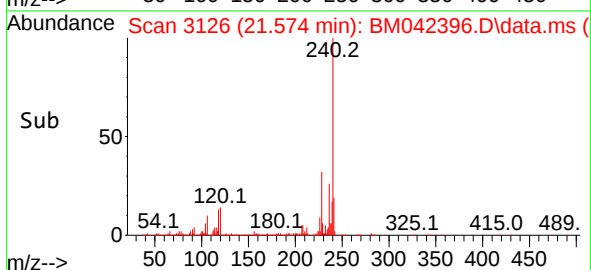
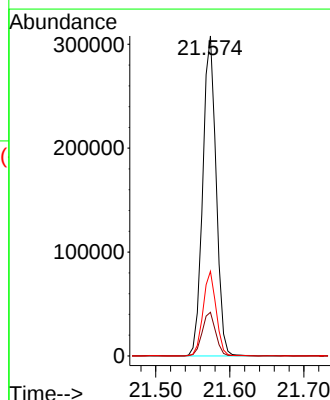
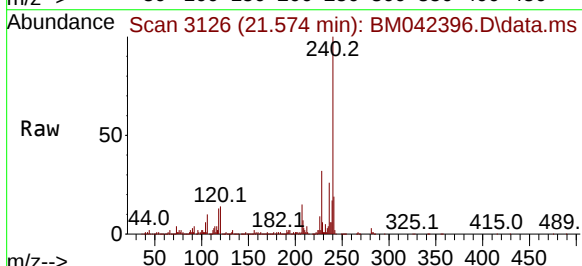
Tgt Ion:240 Resp: 387279

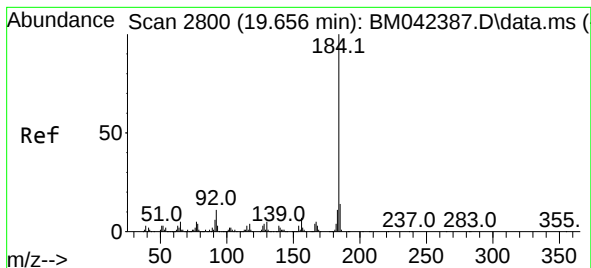
Ion Ratio Lower Upper

240 100

120 13.6 10.7 16.1

236 26.4 20.7 31.1





#77

Benzidine

Concen: 73.774 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

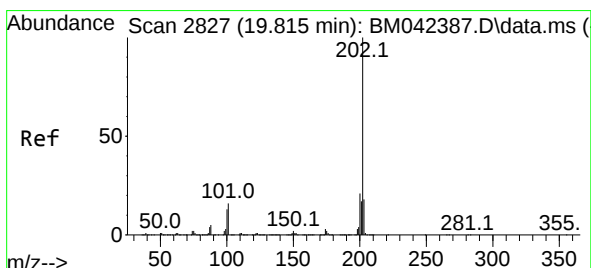
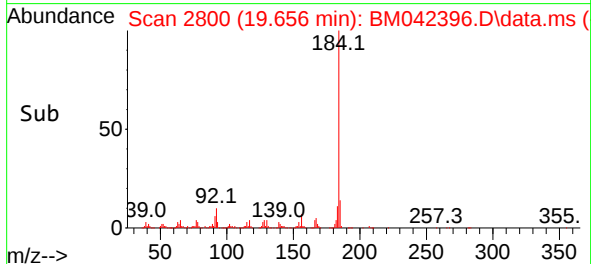
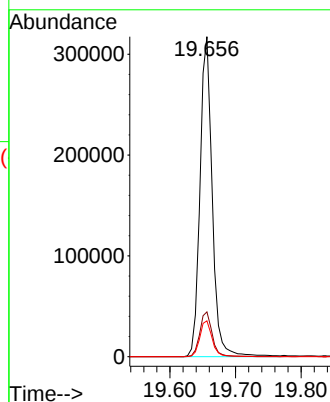
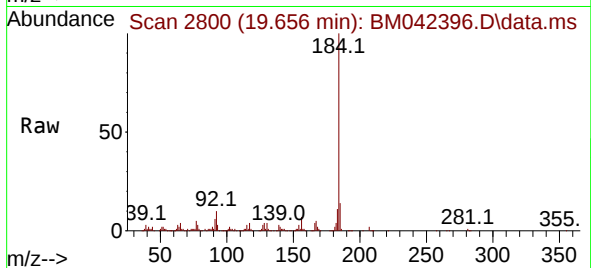
Tgt Ion:184 Resp: 413262

Ion Ratio Lower Upper

184 100

185 14.0 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 53.520 ng

RT: 19.815 min Scan# 2827

Delta R.T. -0.000 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

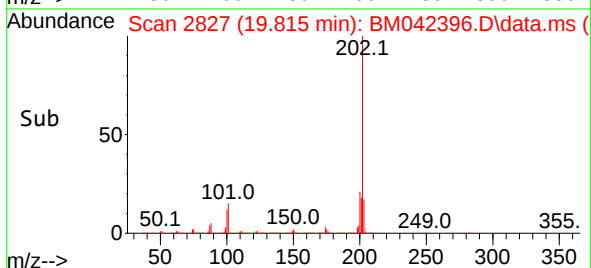
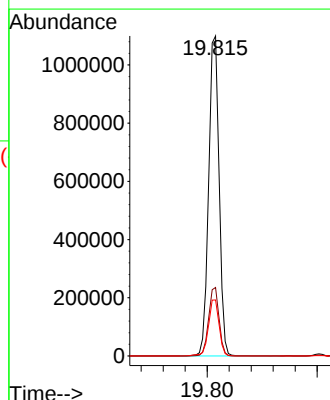
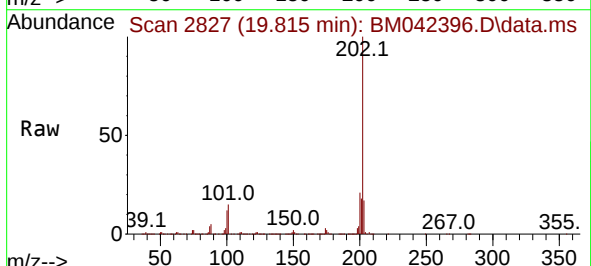
Tgt Ion:202 Resp: 1448414

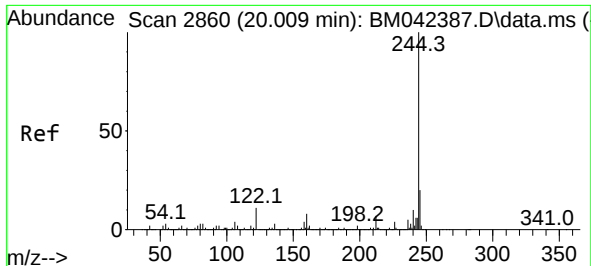
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.5 14.1 21.1

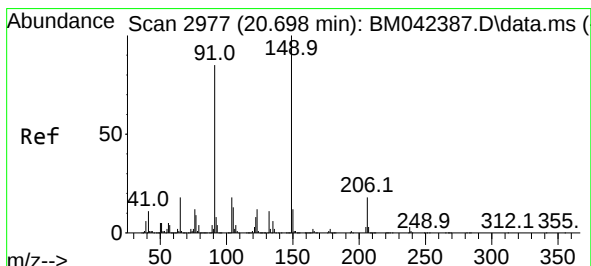
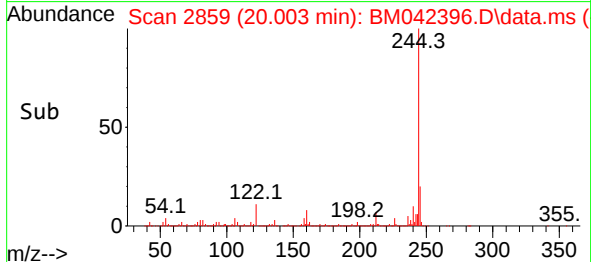
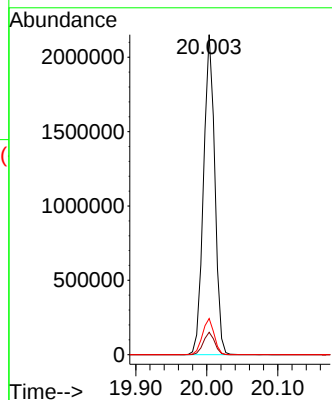
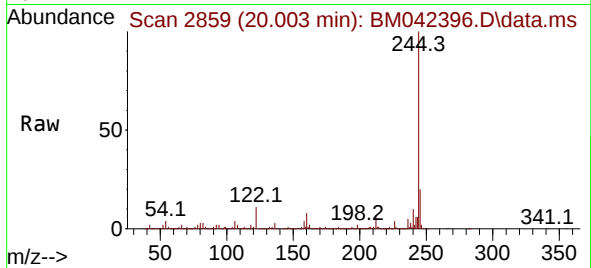




#79
 Terphenyl-d14
 Concen: 108.929 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042396.D
 Acq: 23 Oct 2023 11:17

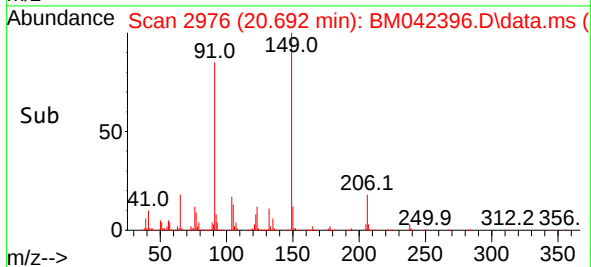
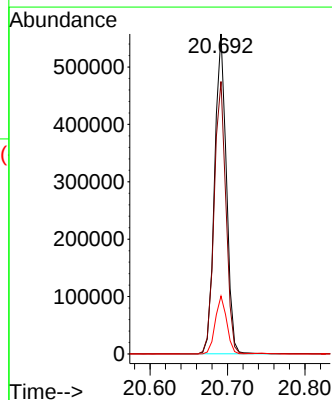
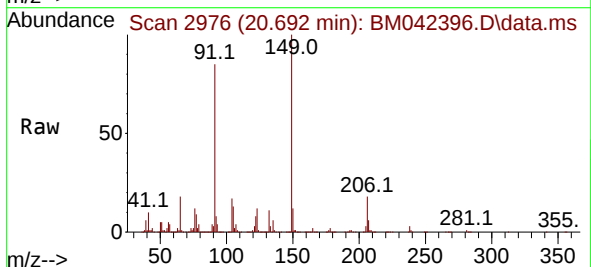
Instrument :
 BNA_M
 ClientSampleId :
 PB156324BS

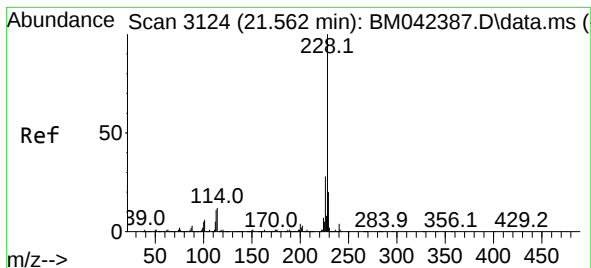
Tgt Ion:244 Resp: 2378684
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 47.773 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042396.D
 Acq: 23 Oct 2023 11:17

Tgt Ion:149 Resp: 585851
 Ion Ratio Lower Upper
 149 100
 91 85.2 68.3 102.5
 206 18.1 14.6 22.0





#81

Benzo(a)anthracene

Concen: 50.942 ng

RT: 21.556 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

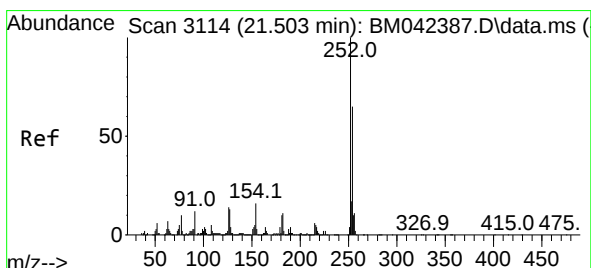
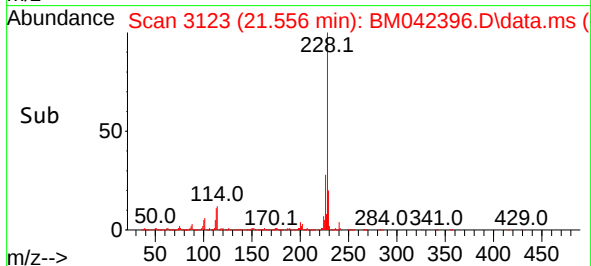
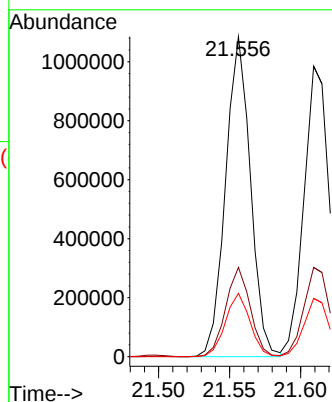
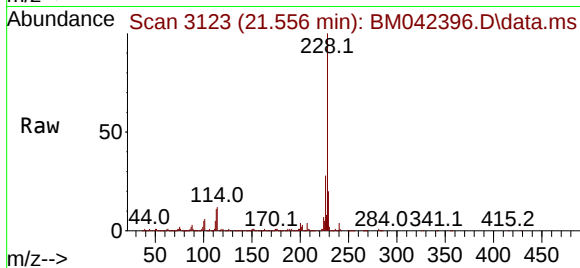
Tgt Ion:228 Resp: 1322565

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 48.974 ng

RT: 21.497 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

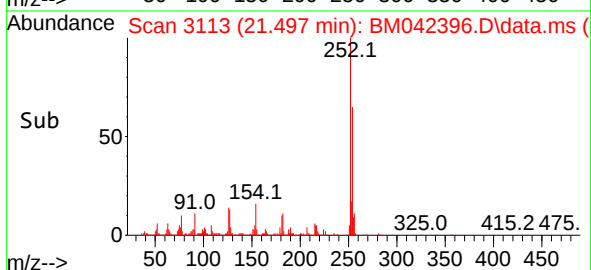
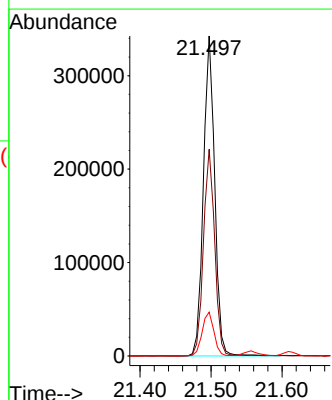
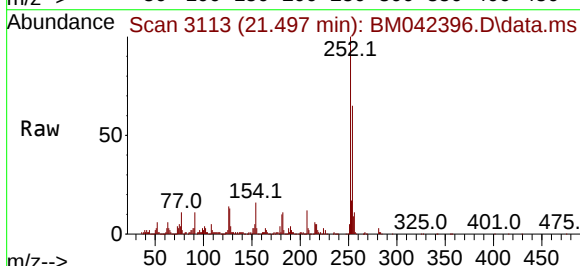
Tgt Ion:252 Resp: 379561

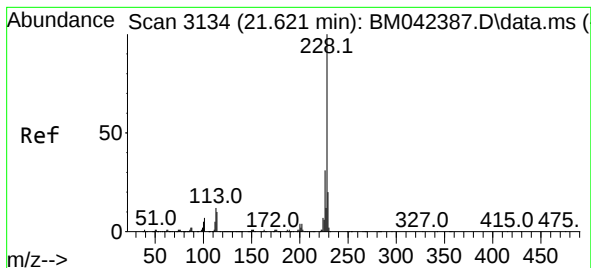
Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

126 13.7 11.4 17.2





#83

Chrysene

Concen: 48.987 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

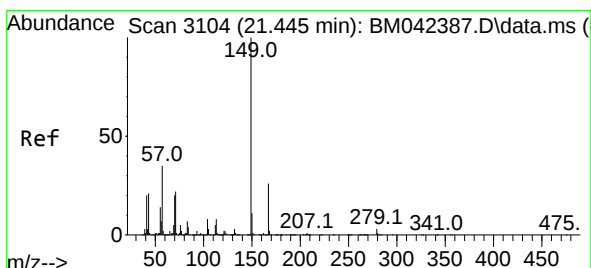
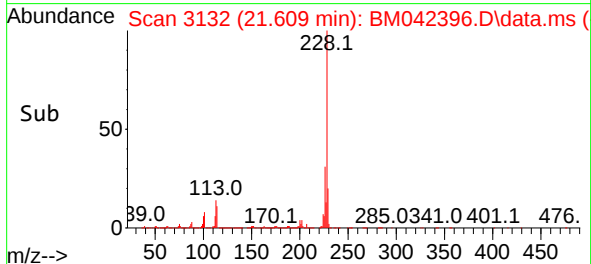
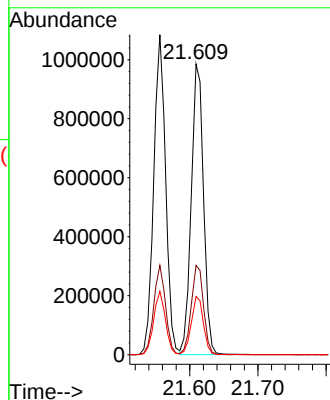
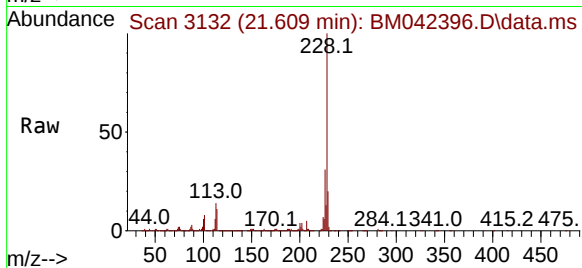
Tgt Ion:228 Resp: 1221545

Ion Ratio Lower Upper

228 100

226 30.7 24.6 36.8

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.748 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

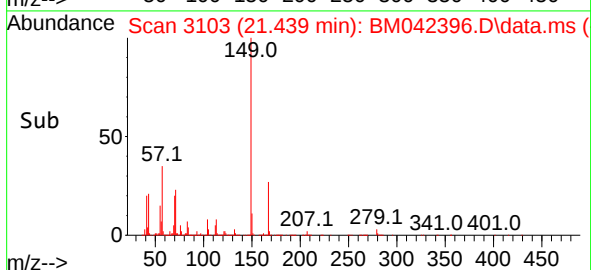
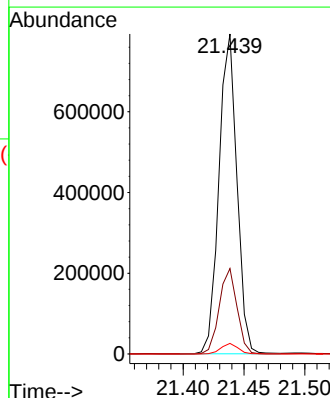
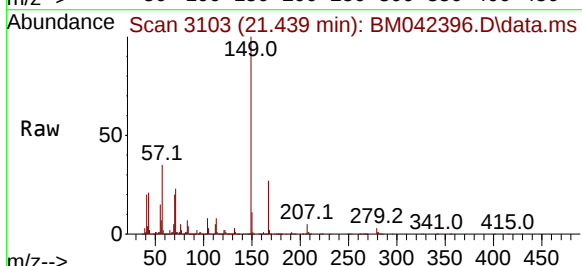
Tgt Ion:149 Resp: 813629

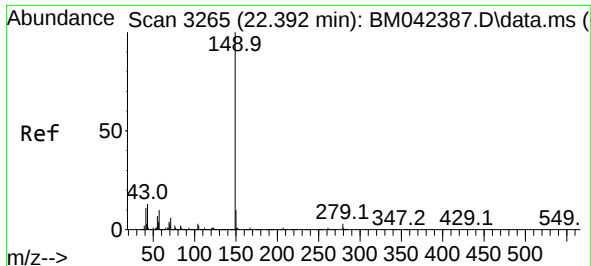
Ion Ratio Lower Upper

149 100

167 26.7 20.9 31.3

279 3.3 2.7 4.1

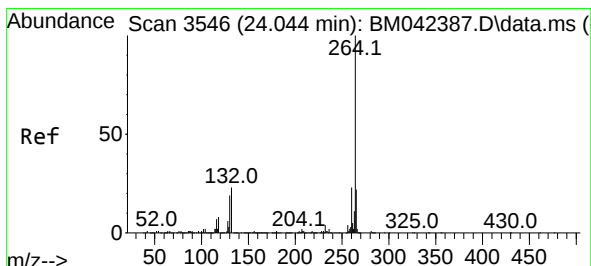
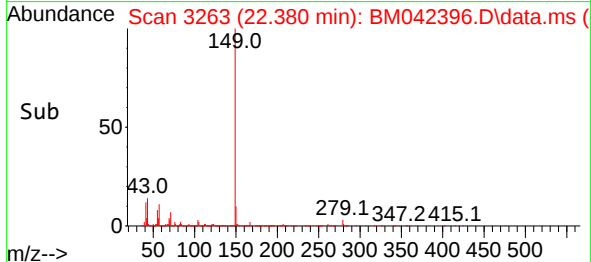
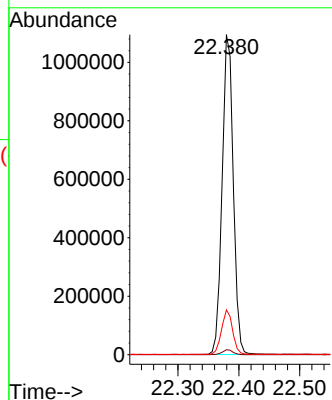
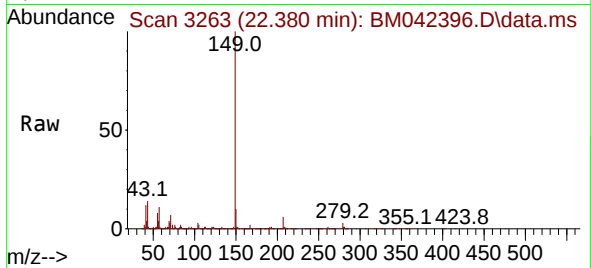




#85
Di-n-octyl phthalate
Concen: 46.283 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

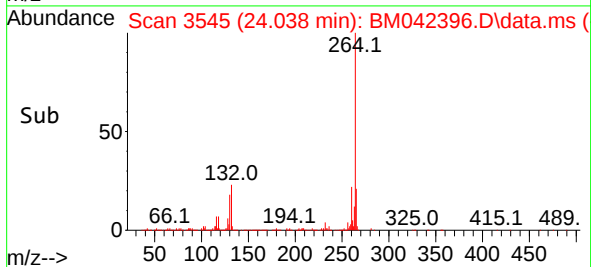
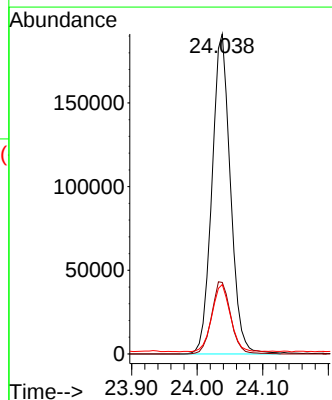
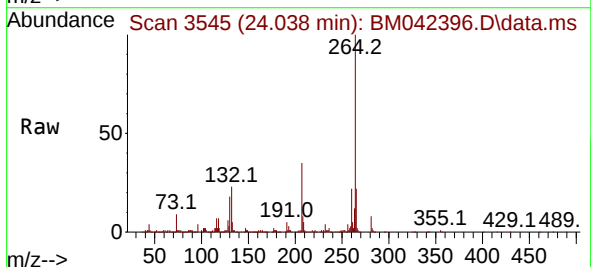
Instrument :
BNA_M
ClientSampleId :
PB156324BS

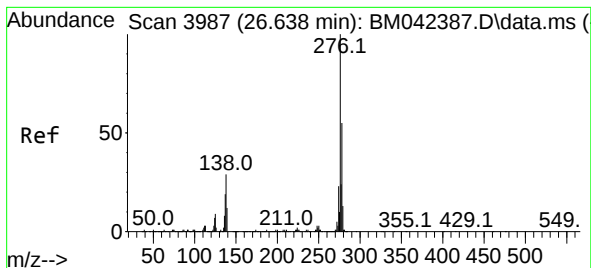
Tgt Ion:149 Resp: 1386195
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.9 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:264 Resp: 373458
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 21.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.352 ng

RT: 26.626 min Scan# 3987

Delta R.T. -0.012 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

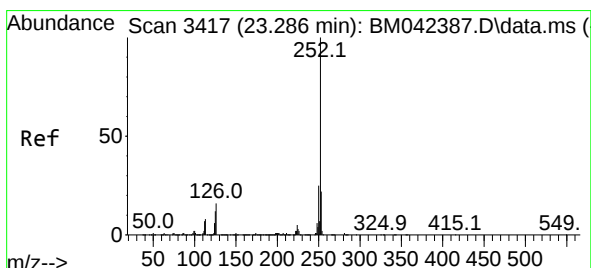
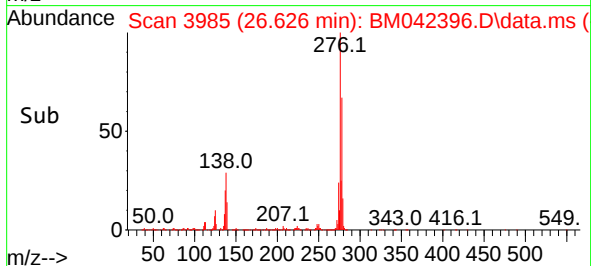
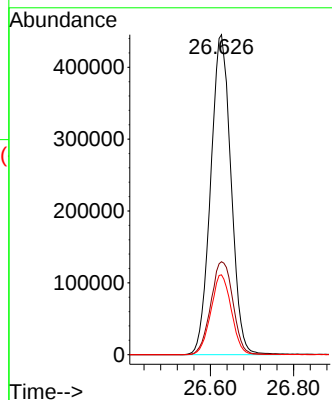
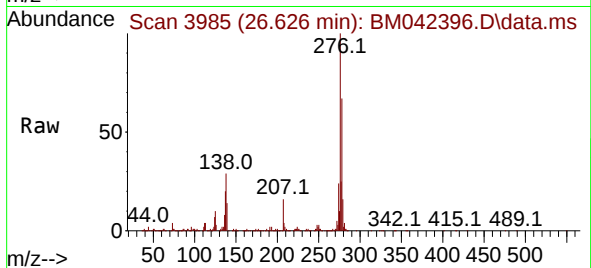
Tgt Ion:276 Resp: 1510668

Ion Ratio Lower Upper

276 100

138 31.7 25.6 38.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.793 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

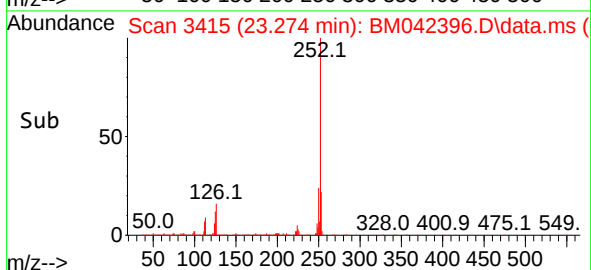
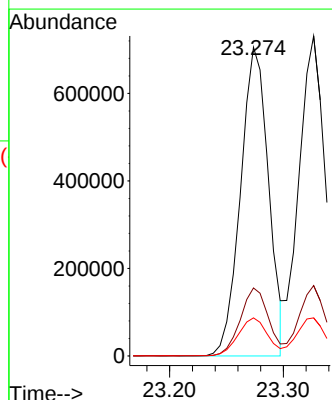
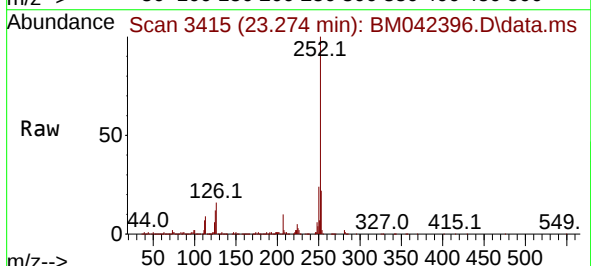
Tgt Ion:252 Resp: 1209236

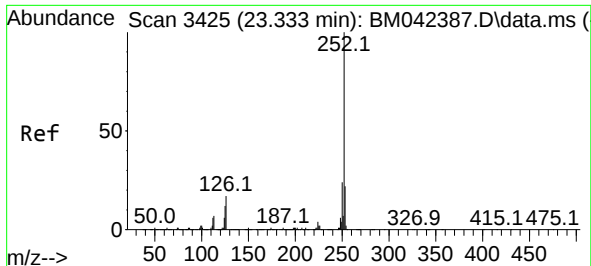
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 12.3 9.8 14.8

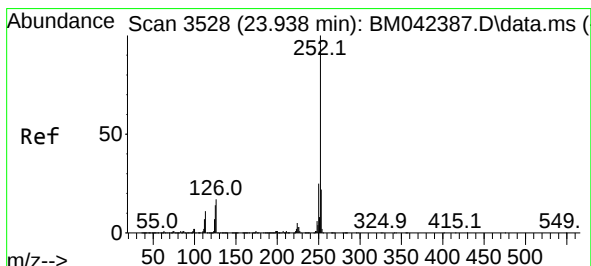
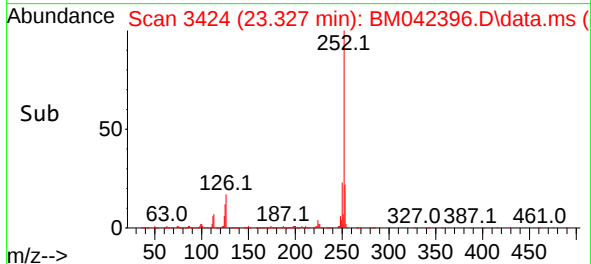
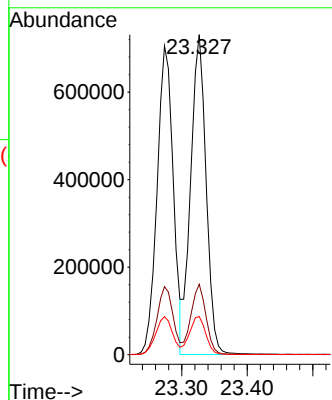
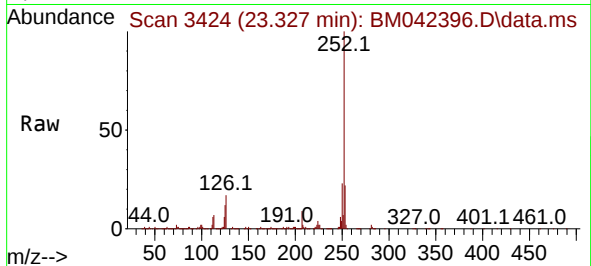




#89
Benzo(k)fluoranthene
Concen: 51.293 ng
RT: 23.327 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

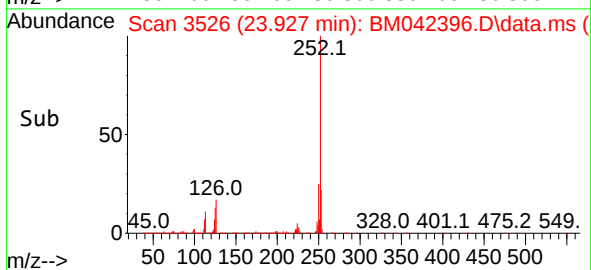
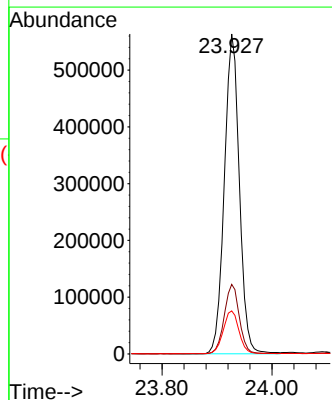
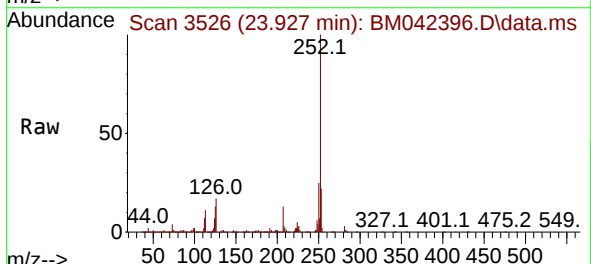
Instrument :
BNA_M
ClientSampleId :
PB156324BS

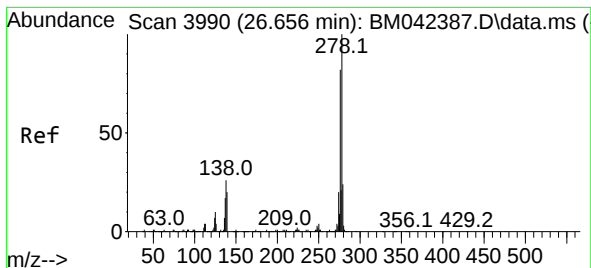
Tgt Ion:252 Resp: 1197096
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.9 10.2 15.2



#90
Benzo(a)pyrene
Concen: 49.241 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042396.D
Acq: 23 Oct 2023 11:17

Tgt Ion:252 Resp: 1065410
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 13.5 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 55.472 ng

RT: 26.644 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Instrument :

BNA_M

ClientSampleId :

PB156324BS

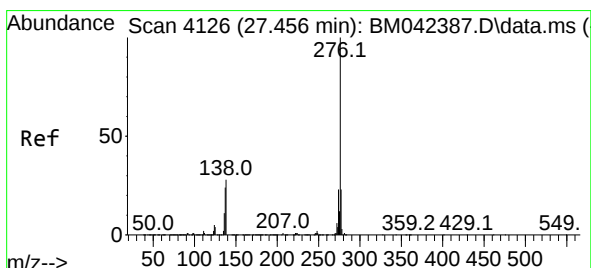
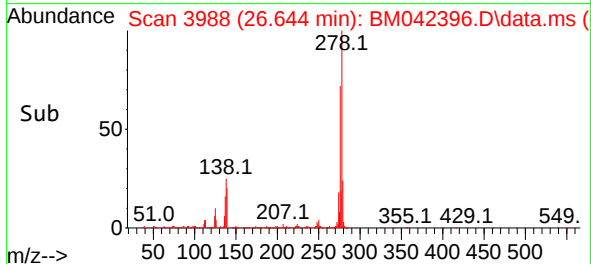
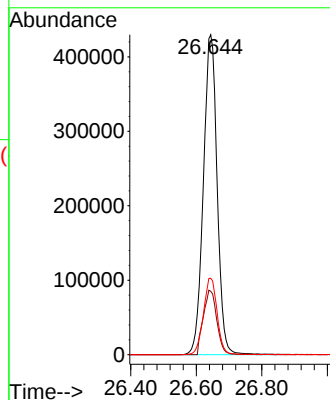
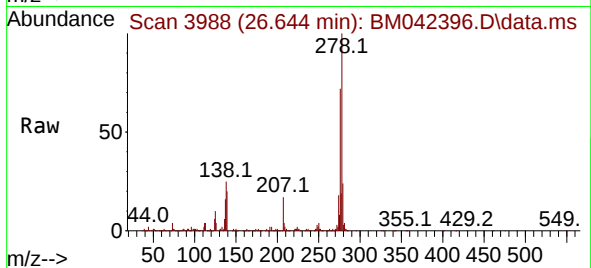
Tgt Ion:278 Resp: 1258726

Ion Ratio Lower Upper

278 100

139 19.8 15.6 23.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 55.354 ng

RT: 27.432 min Scan# 4122

Delta R.T. -0.024 min

Lab File: BM042396.D

Acq: 23 Oct 2023 11:17

Tgt Ion:276 Resp: 1219823

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 28.2 22.6 34.0

