

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042453.D
 Acq On : 26 Oct 2023 15:22
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 26 15:55:16 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	133777	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	551396	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	325942	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	680798	20.000	ng	0.00
76) Chrysene-d12	21.574	240	526949	20.000	ng	0.00
86) Perylene-d12	24.039	264	566483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	679379	71.774	ng	0.00
7) Phenol-d6	7.151	99	897875	70.783	ng	0.00
23) Nitrobenzene-d5	9.198	82	950778	76.248	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	337979	96.461	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	1971243	81.441	ng	0.00
79) Terphenyl-d14	20.004	244	2836117	95.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	155244	34.830	ng	98
3) Pyridine	3.810	79	432468	33.071	ng	98
4) n-Nitrosodimethylamine	3.740	42	209707	31.762	ng	90
6) Aniline	7.340	93	580844	35.965	ng	98
8) 2-Chlorophenol	7.551	128	355778	37.879	ng	96
9) Benzaldehyde	7.157	77	257590	34.865	ng	96
10) Phenol	7.181	94	462379	35.277	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	378392	35.163	ng	97
12) 1,3-Dichlorobenzene	7.881	146	379733	39.088	ng	97
13) 1,4-Dichlorobenzene	8.034	146	383954	39.263	ng	97
14) 1,2-Dichlorobenzene	8.345	146	367883	39.178	ng	98
15) Benzyl Alcohol	8.257	79	347783	36.985	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	603149	35.422	ng	99
17) 2-Methylphenol	8.440	107	330986	38.267	ng	98
18) Hexachloroethane	9.063	117	151859	40.338	ng	# 89
19) n-Nitroso-di-n-propyla...	8.816	70	334280	38.881	ng	97
20) 3+4-Methylphenols	8.775	107	451971	38.959	ng	98
22) Acetophenone	8.851	105	578620	38.465	ng	# 96
24) Nitrobenzene	9.240	77	473235	37.934	ng	98
25) Isophorone	9.751	82	883947	41.713	ng	98
26) 2-Nitrophenol	9.945	139	204654	42.927	ng	93
27) 2,4-Dimethylphenol	9.981	122	357553	41.597	ng	98
28) bis(2-Chloroethoxy)met...	10.239	93	521968	38.878	ng	99
29) 2,4-Dichlorophenol	10.463	162	345538	46.226	ng	96
30) 1,2,4-Trichlorobenzene	10.675	180	362706	45.262	ng	98
31) Naphthalene	10.875	128	1163328	41.075	ng	99
32) Benzoic acid	10.122	122	284821	45.603	ng	99
33) 4-Chloroaniline	11.010	127	505769	41.131	ng	97
34) Hexachlorobutadiene	11.098	225	224818	51.845	ng	98
35) Caprolactam	11.839	113	118450	40.918	ng	89
36) 4-Chloro-3-methylphenol	12.104	107	384701	42.647	ng	97
37) 2-Methylnaphthalene	12.475	142	815019	42.749	ng	98
38) 1-Methylnaphthalene	12.692	142	763658	42.756	ng	100
40) 1,2,4,5-Tetrachloroben...	12.822	216	421810	44.765	ng	97
41) Hexachlorocyclopentadiene	12.769	237	166537	35.308	ng	99
43) 2,4,6-Trichlorophenol	13.075	196	281423	46.136	ng	100

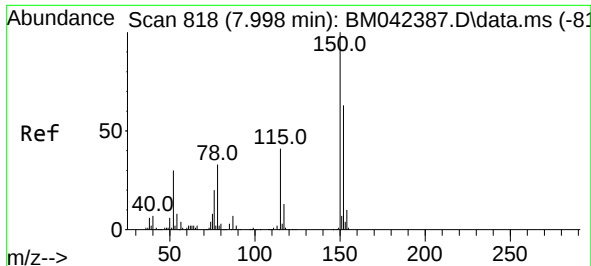
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 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.151	196	322524	44.728	ng	93
46) 1,1'-Biphenyl	13.480	154	1025569	39.663	ng	98
47) 2-Chloronaphthalene	13.533	162	753765	39.734	ng	98
48) 2-Nitroaniline	13.763	65	287642	35.357	ng	90
49) Acenaphthylene	14.374	152	1250511	40.832	ng	100
50) Dimethylphthalate	14.110	163	992519	41.514	ng	99
51) 2,6-Dinitrotoluene	14.251	165	215959	40.486	ng	85
52) Acenaphthene	14.710	154	741768	40.062	ng	99
53) 3-Nitroaniline	14.592	138	241479	38.424	ng	95
54) 2,4-Dinitrophenol	14.798	184	125099	41.760	ng	88
55) Dibenzofuran	15.045	168	1201164	41.016	ng	97
56) 4-Nitrophenol	14.874	139	186201	38.240	ng	94
57) 2,4-Dinitrotoluene	15.033	165	287380	40.497	ng	87
58) Fluorene	15.692	166	953389	41.256	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	262514	48.461	ng	89
60) Diethylphthalate	15.451	149	987353	41.849	ng	98
61) 4-Chlorophenyl-phenyle...	15.680	204	496367	45.609	ng	93
62) 4-Nitroaniline	15.751	138	226161	37.706	ng	96
63) Azobenzene	15.974	77	1074352	37.955	ng	95
65) 4,6-Dinitro-2-methylph...	15.786	198	174173	41.060	ng	# 79
66) n-Nitrosodiphenylamine	15.904	169	831904	40.570	ng	98
67) 4-Bromophenyl-phenylether	16.574	248	300533	47.630	ng	95
68) Hexachlorobenzene	16.663	284	320475	47.516	ng	# 91
69) Atrazine	16.851	200	234849	45.163	ng	100
70) Pentachlorophenol	17.021	266	233355	44.330	ng	99
71) Phenanthrene	17.439	178	1465424	39.568	ng	100
72) Anthracene	17.527	178	1494807	40.753	ng	99
73) Carbazole	17.815	167	1353040	39.321	ng	98
74) Di-n-butylphthalate	18.333	149	1731992	40.234	ng	99
75) Fluoranthene	19.451	202	1699482	41.665	ng	97
77) Benzidine	19.657	184	436169	57.226	ng	99
78) Pyrene	19.815	202	1733449	47.075	ng	100
80) Butylbenzylphthalate	20.692	149	752798	45.297	ng	90
81) Benzo(a)anthracene	21.556	228	1449134	41.022	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	521719	49.474	ng	99
83) Chrysene	21.615	228	1358676	40.045	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1031152	43.774	ng	# 97
85) Di-n-octyl phthalate	22.380	149	1733760	42.885	ng	95
87) Indeno(1,2,3-cd)pyrene	26.633	276	1549774	37.436	ng	93
88) Benzo(b)fluoranthene	23.280	252	1327209	38.923	ng	97
89) Benzo(k)fluoranthene	23.280	252	1327209	37.490	ng	97
90) Benzo(a)pyrene	23.933	252	1287908	39.242	ng	98
91) Dibenzo(a,h)anthracene	26.650	278	1292855	37.562	ng	97
92) Benzo(g,h,i)perylene	27.444	276	1270045	37.995	ng	# 93

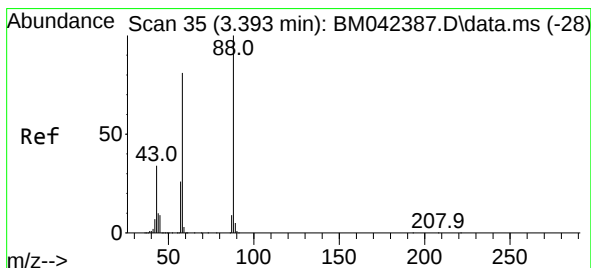
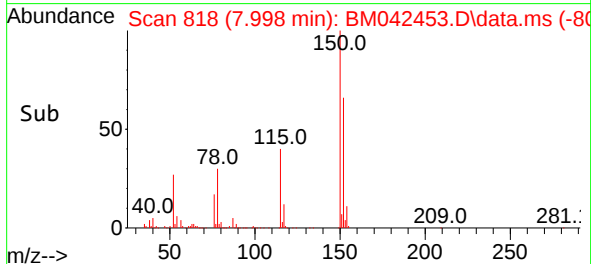
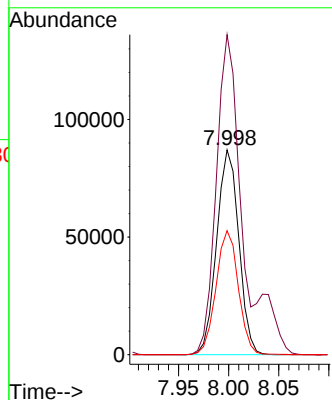
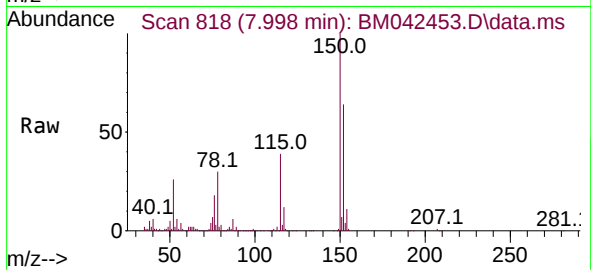
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

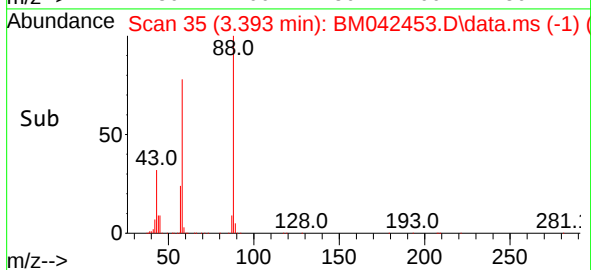
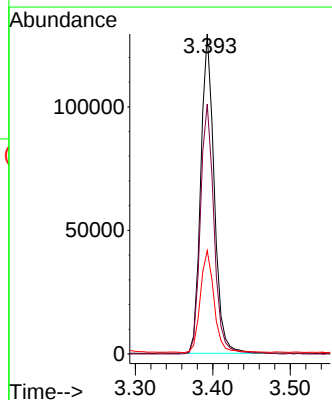
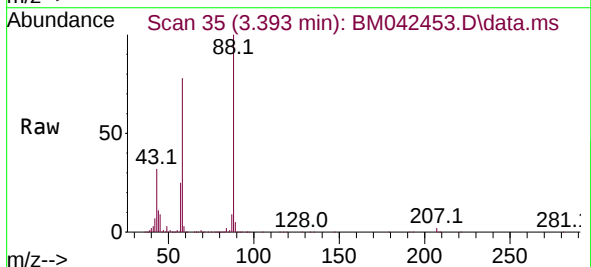
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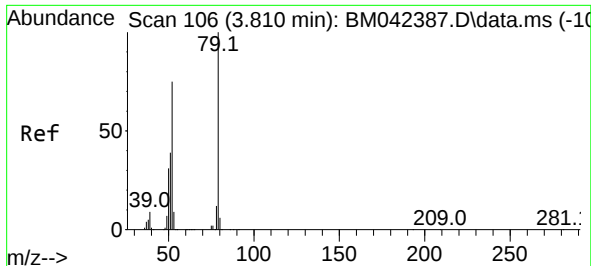
Tgt Ion:152 Resp: 133777
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 60.6 51.9 77.9



#2
1,4-Dioxane
Concen: 34.830 ng
RT: 3.393 min Scan# 35
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 88 Resp: 155244
Ion Ratio Lower Upper
88 100
58 79.6 64.9 97.3
43 32.7 27.8 41.8

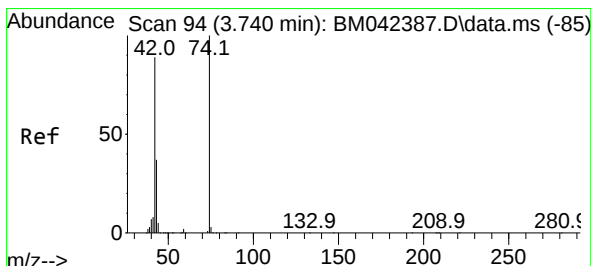
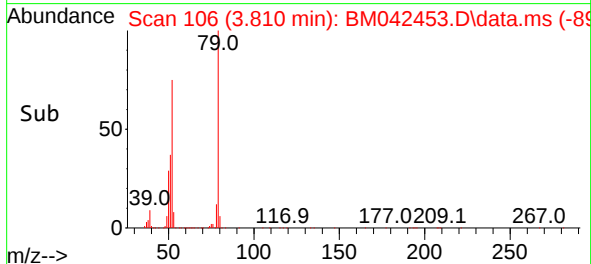
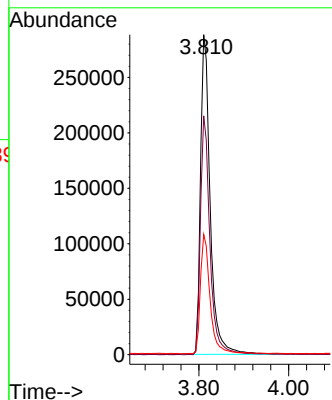
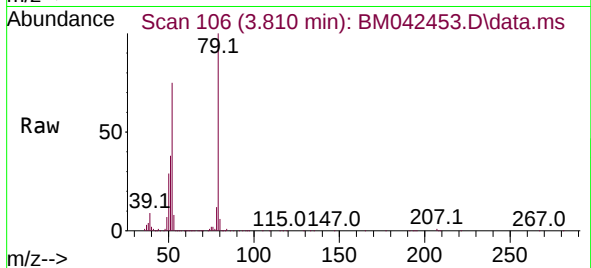




#3
Pyridine
Concen: 33.071 ng
RT: 3.810 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

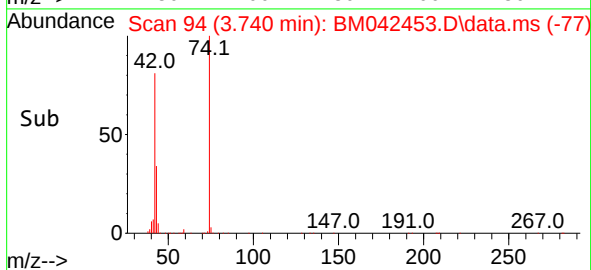
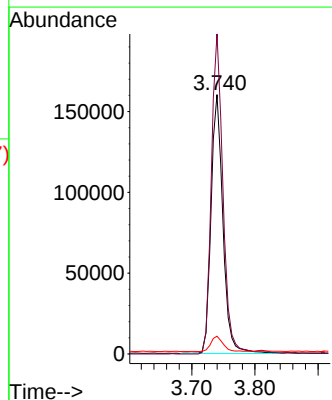
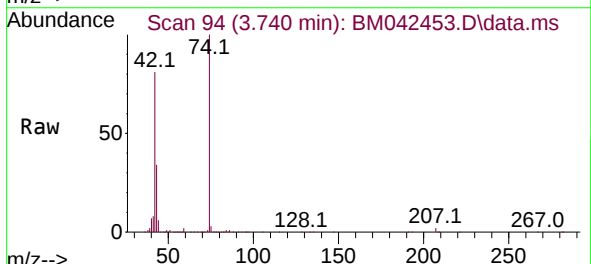
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ClientSampleId :
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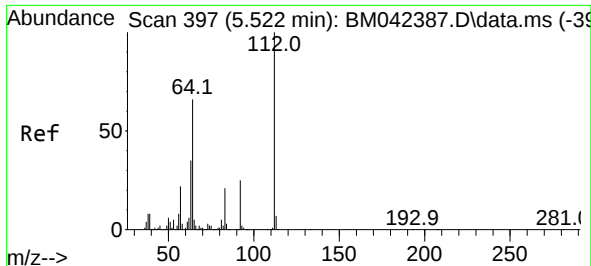
Tgt Ion: 79 Resp: 432468
Ion Ratio Lower Upper
79 100
52 74.7 60.3 90.5
51 37.6 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 31.762 ng
RT: 3.740 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 42 Resp: 209707
Ion Ratio Lower Upper
42 100
74 123.4 89.4 134.2
44 6.8 5.4 8.0

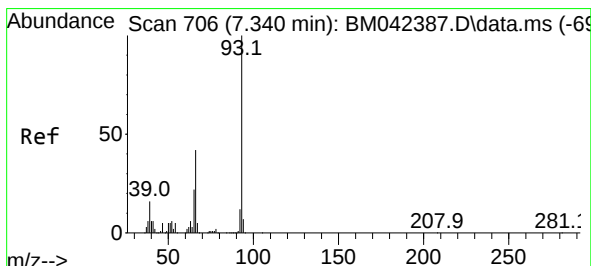
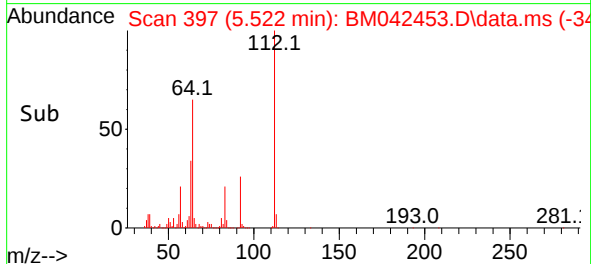
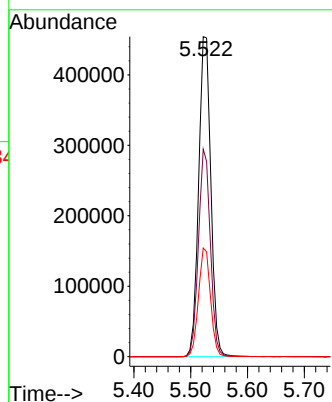
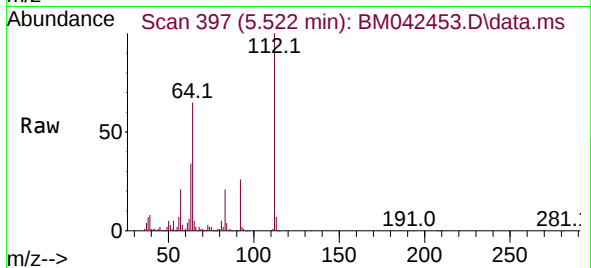




#5
2-Fluorophenol
Concen: 71.774 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

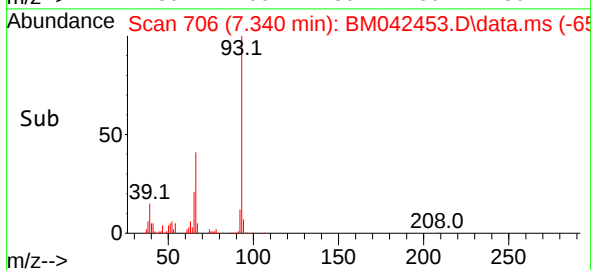
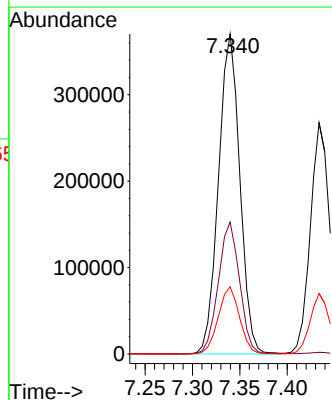
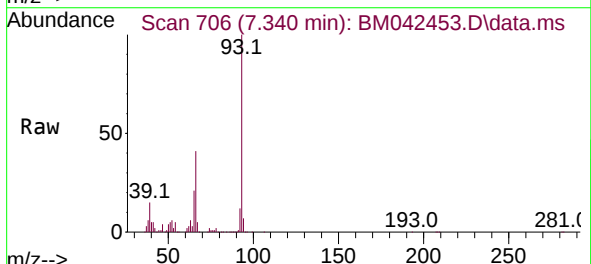
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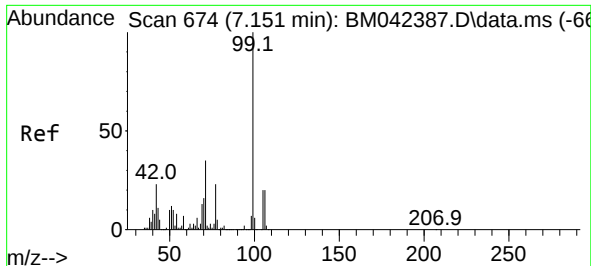
Tgt Ion:112 Resp: 679379
Ion Ratio Lower Upper
112 100
64 64.8 52.7 79.1
63 34.0 28.3 42.5



#6
Aniline
Concen: 35.965 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 93 Resp: 580844
Ion Ratio Lower Upper
93 100
66 41.2 33.8 50.8
65 21.0 17.4 26.2

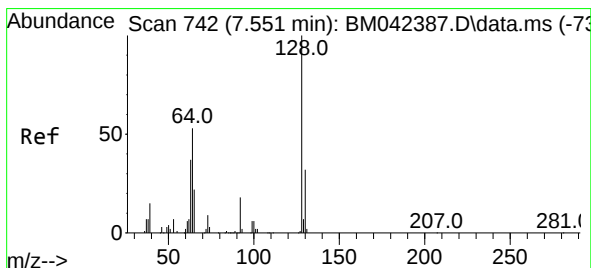
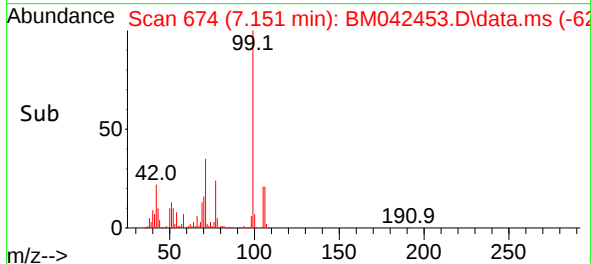
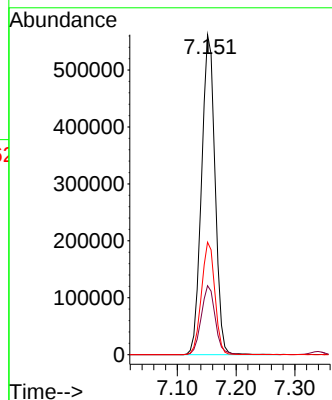
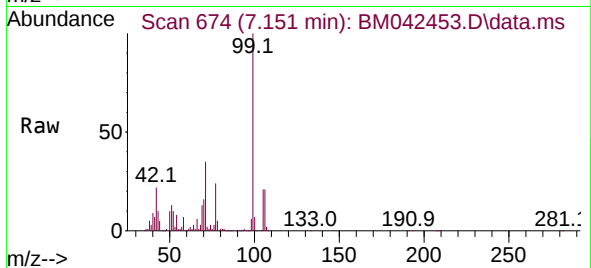




#7
Phenol-d6
Concen: 70.783 ng
RT: 7.151 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

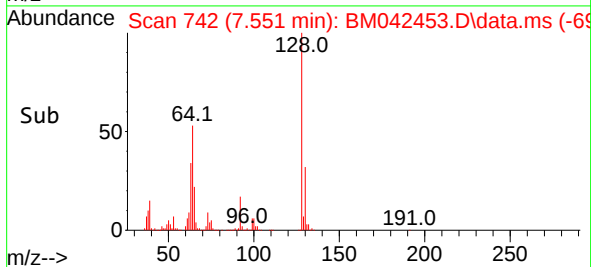
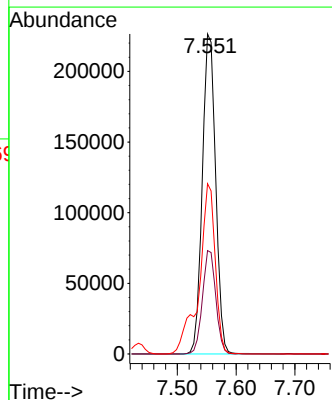
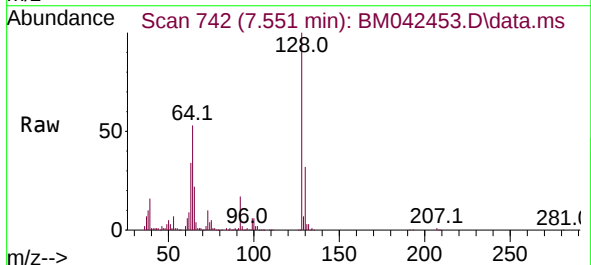
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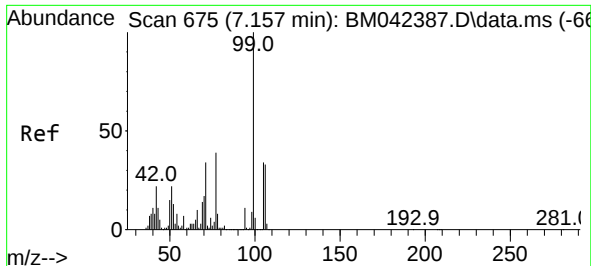
Tgt Ion: 99 Resp: 897875
Ion Ratio Lower Upper
99 100
42 21.6 18.5 27.7
71 35.1 27.7 41.5



#8
2-Chlorophenol
Concen: 37.879 ng
RT: 7.551 min Scan# 742
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 128 Resp: 355778
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 53.2 38.2 78.2

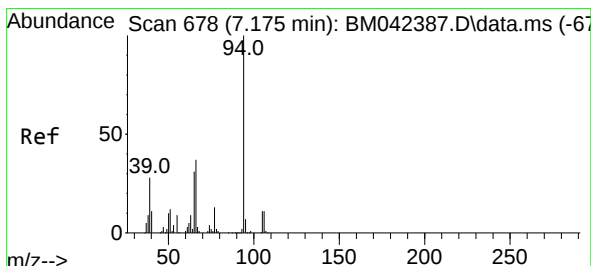
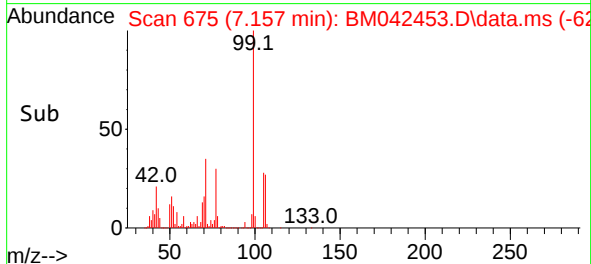
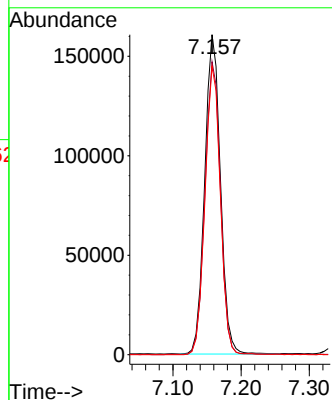
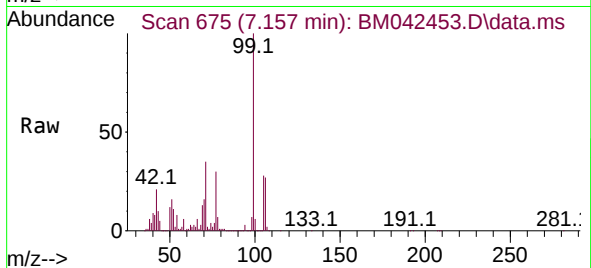




#9
Benzaldehyde
Concen: 34.865 ng
RT: 7.157 min Scan# 675
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

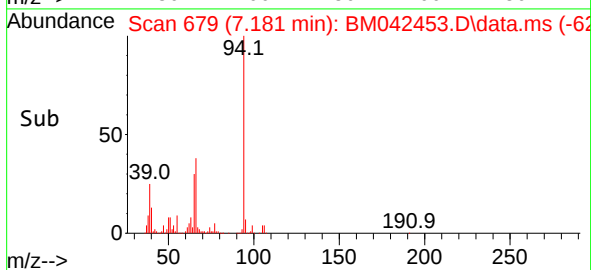
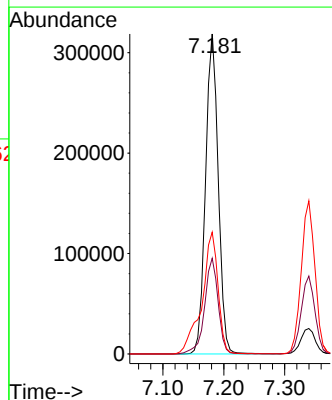
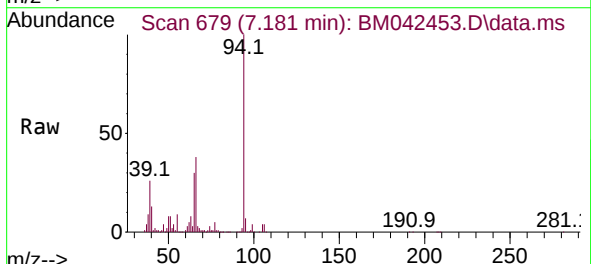
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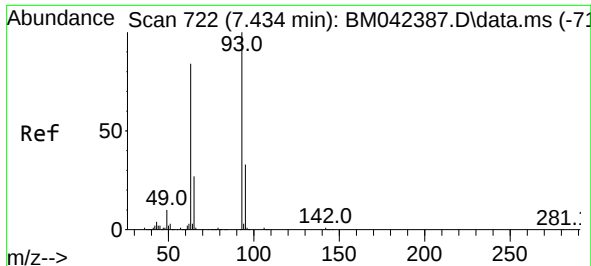
Tgt Ion: 77 Resp: 257590
Ion Ratio Lower Upper
77 100
105 91.5 68.7 108.7
106 90.2 65.8 105.8



#10
Phenol
Concen: 35.277 ng
RT: 7.181 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 94 Resp: 462379
Ion Ratio Lower Upper
94 100
65 29.9 10.9 50.9
66 38.0 18.2 58.2

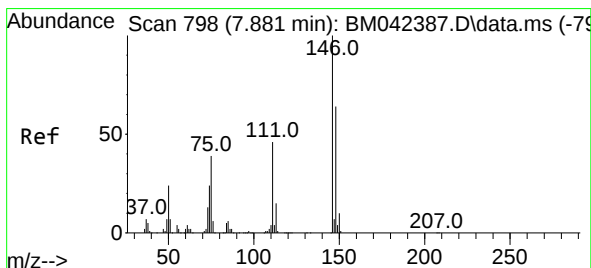
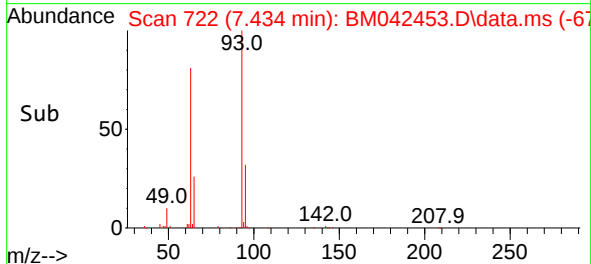
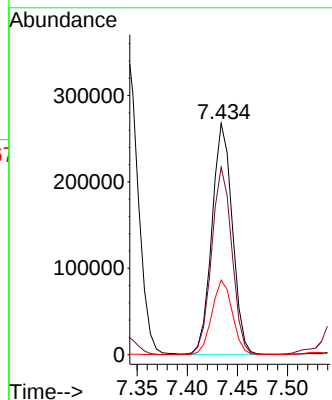
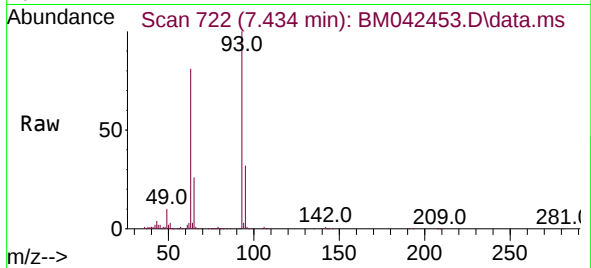




#11
bis(2-Chloroethyl)ether
Concen: 35.163 ng
RT: 7.434 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

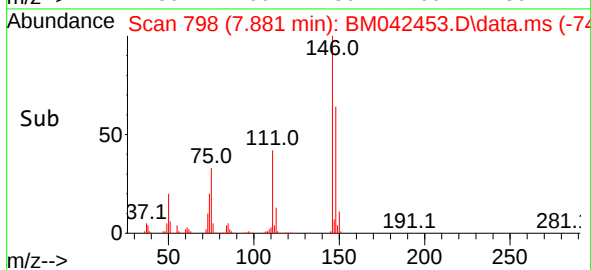
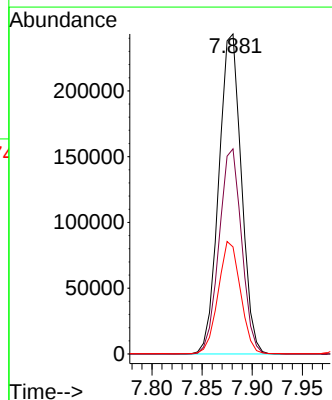
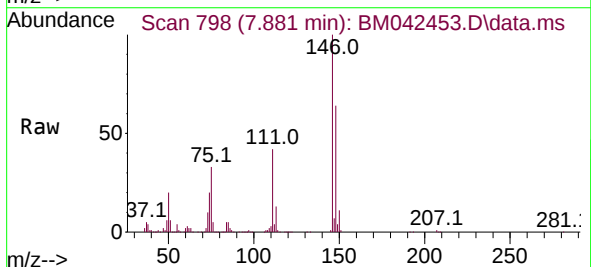
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

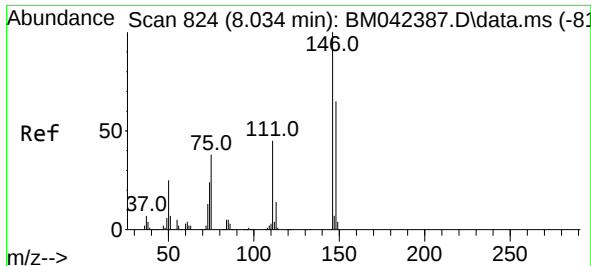
Tgt Ion: 93 Resp: 378392
Ion Ratio Lower Upper
93 100
63 81.0 64.2 104.2
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.088 ng
RT: 7.881 min Scan# 798
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:146 Resp: 379733
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 33.4 30.9 46.3

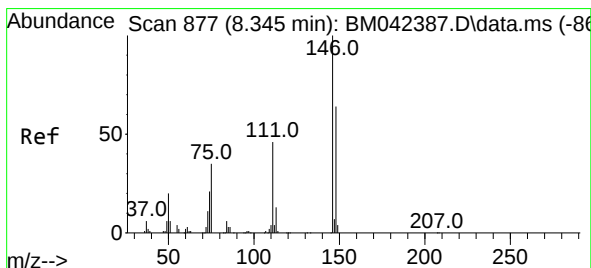
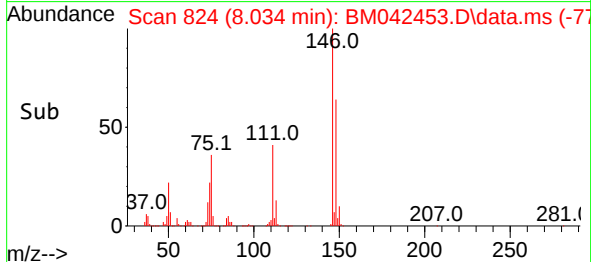
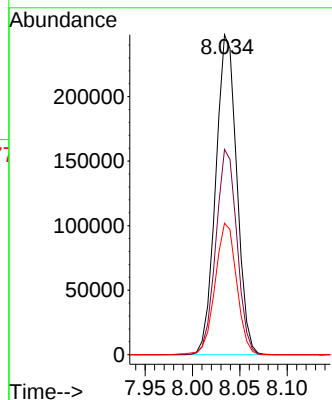
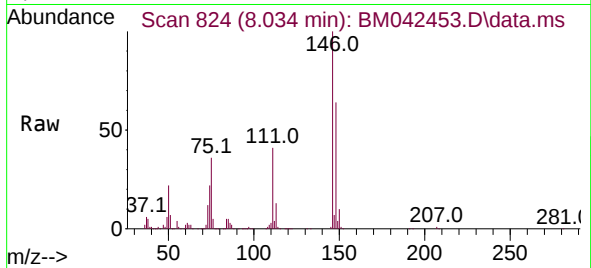




#13
1,4-Dichlorobenzene
Concen: 39.263 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

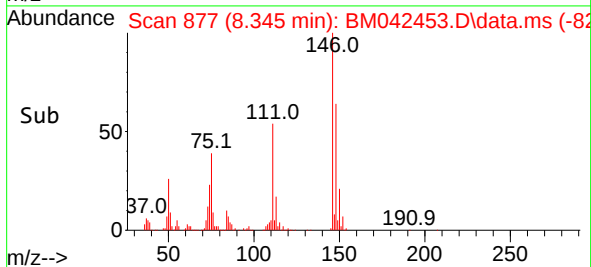
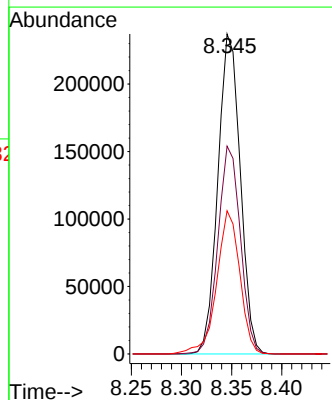
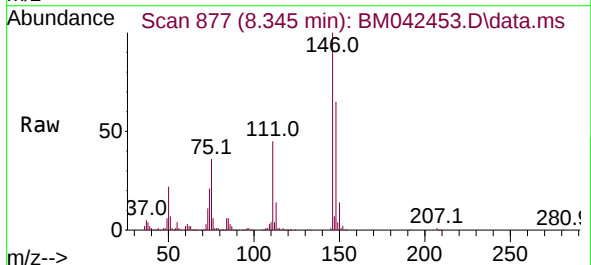
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

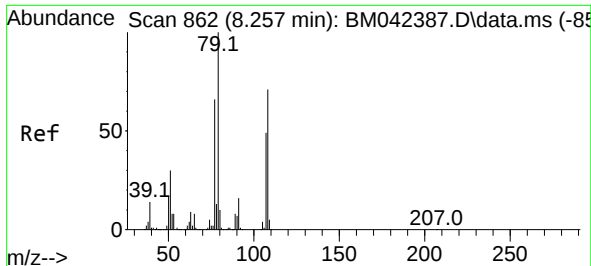
Tgt Ion:146 Resp: 383954
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
111 41.1 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 39.178 ng
RT: 8.345 min Scan# 877
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:146 Resp: 367883
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
111 44.7 37.2 55.8

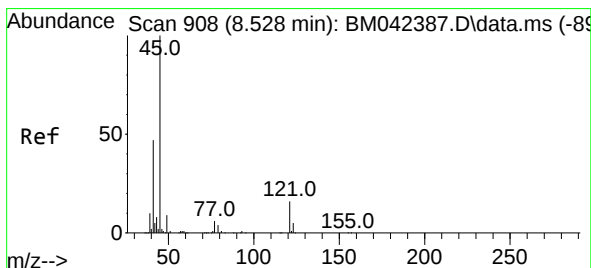
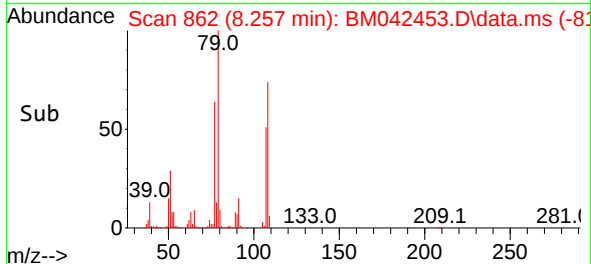
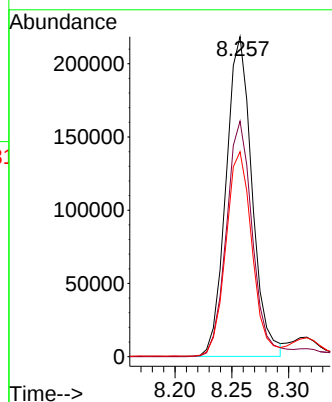
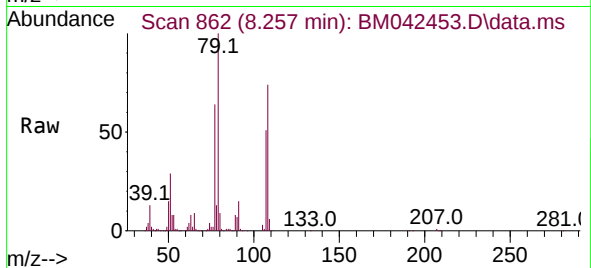




#15
Benzyl Alcohol
Concen: 36.985 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

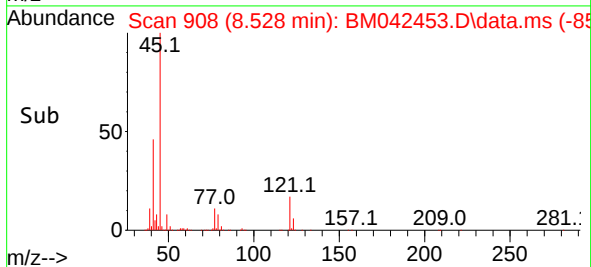
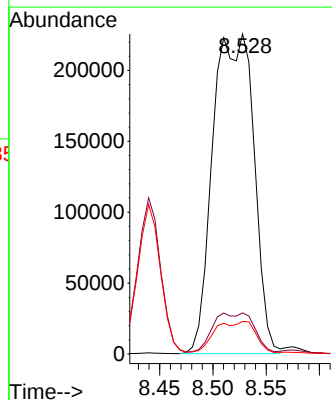
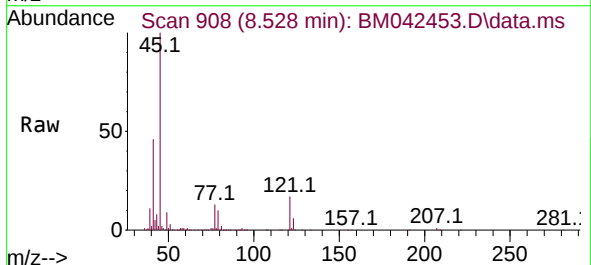
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

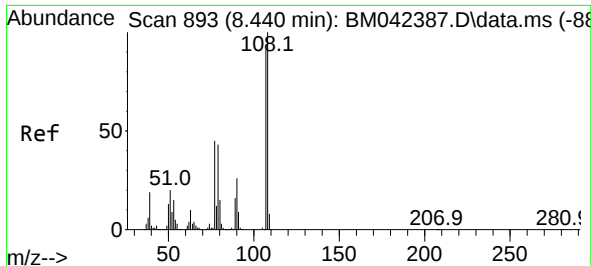
Tgt Ion: 79 Resp: 347783
Ion Ratio Lower Upper
79 100
108 73.6 57.1 85.7
77 64.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.422 ng
RT: 8.528 min Scan# 908
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 45 Resp: 603149
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.2
79 10.2 0.0 30.4

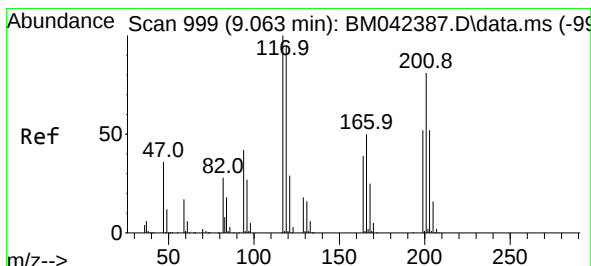
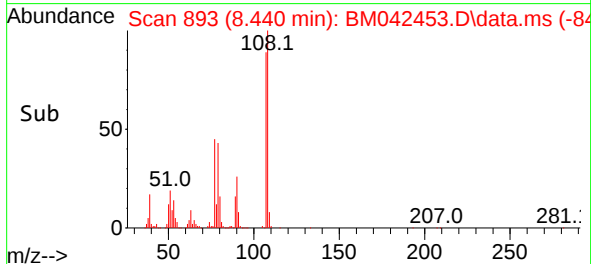
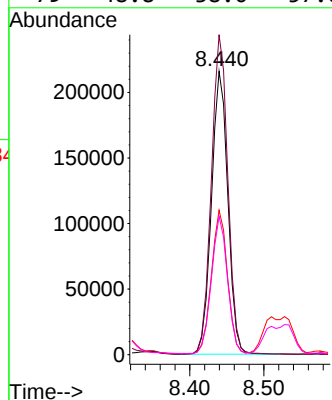
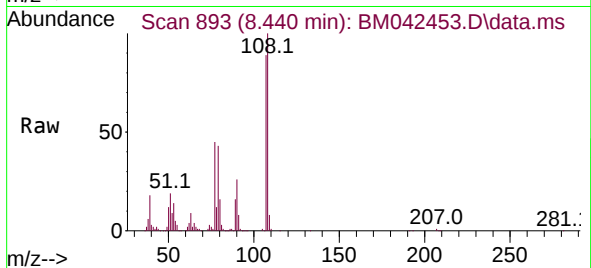




#17
2-Methylphenol
Concen: 38.267 ng
RT: 8.440 min Scan# 893
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

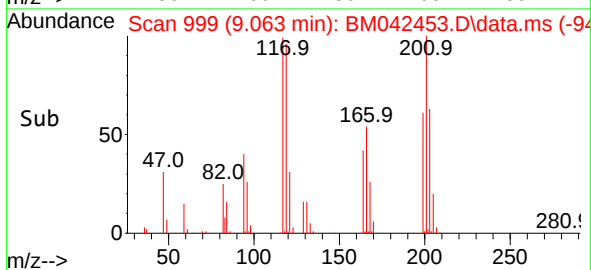
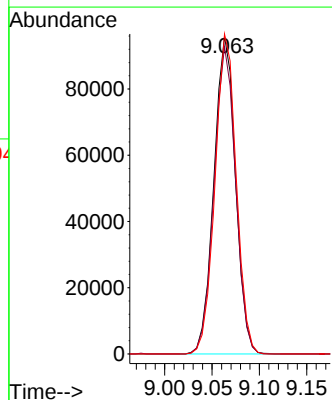
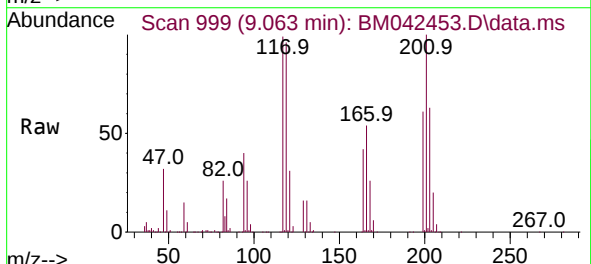
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

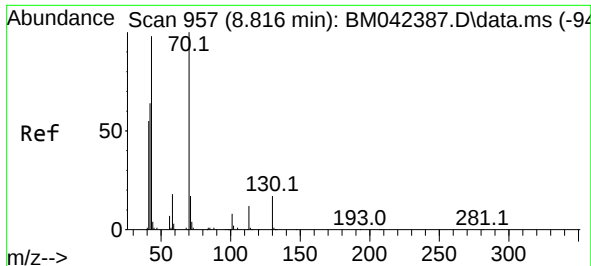
Tgt Ion:	107	Resp:	330986
Ion	Ratio	Lower	Upper
107	100		
108	112.9	88.2	132.4
77	51.0	40.1	60.1
79	48.8	38.0	57.0



#18
Hexachloroethane
Concen: 40.338 ng
RT: 9.063 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:	117	Resp:	151859
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.9	113.9
201	100.8	64.6	97.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.881 ng

RT: 8.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 334280

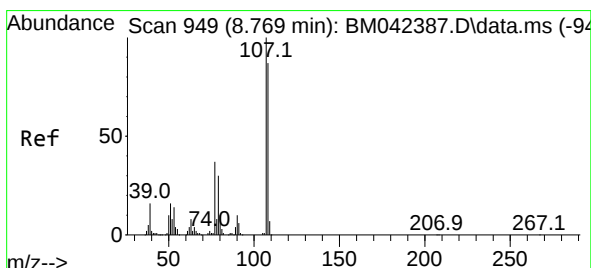
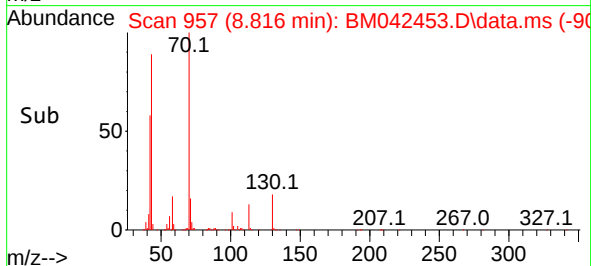
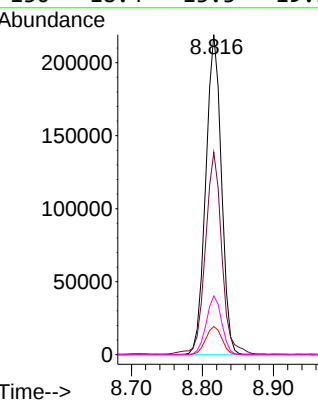
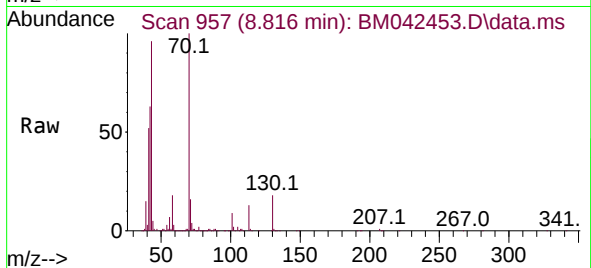
Ion Ratio Lower Upper

70 100

42 63.3 52.1 78.1

101 8.8 6.5 9.7

130 18.4 13.3 19.9



#20

3+4-Methylphenols

Concen: 38.959 ng

RT: 8.775 min Scan# 950

Delta R.T. 0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Tgt Ion: 107 Resp: 451971

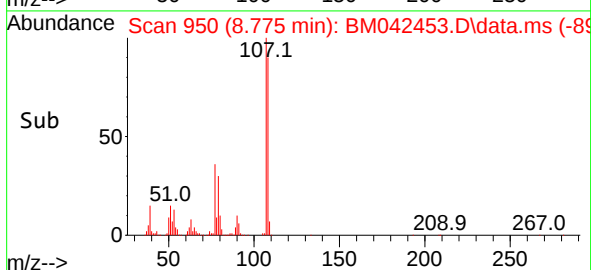
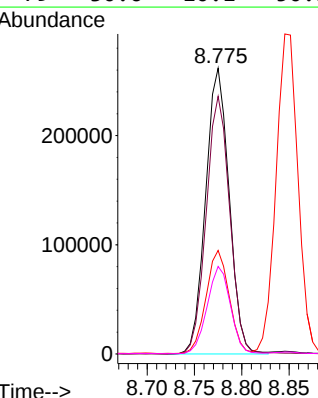
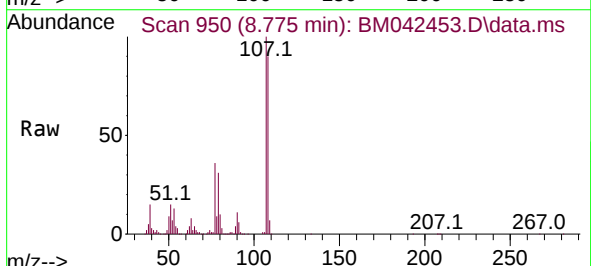
Ion Ratio Lower Upper

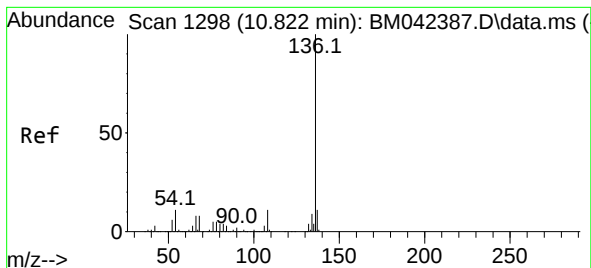
107 100

108 90.2 67.2 107.2

77 36.3 16.8 56.8

79 30.6 10.1 50.1

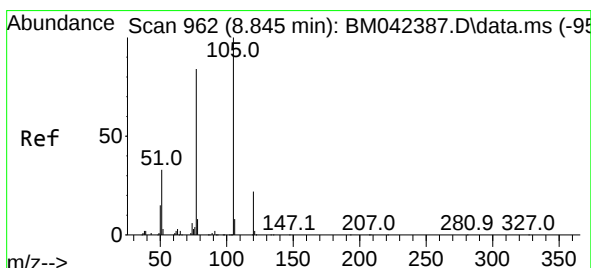
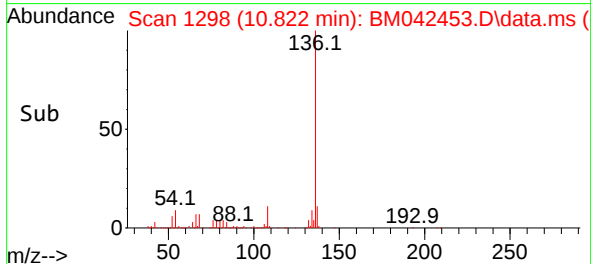
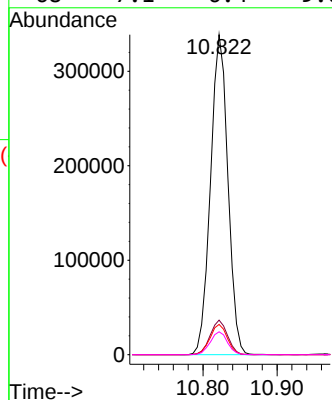
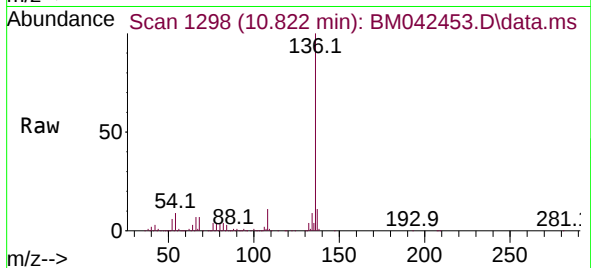




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

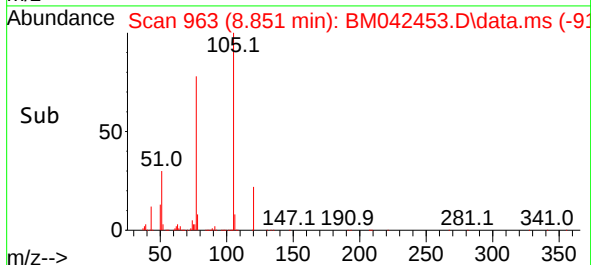
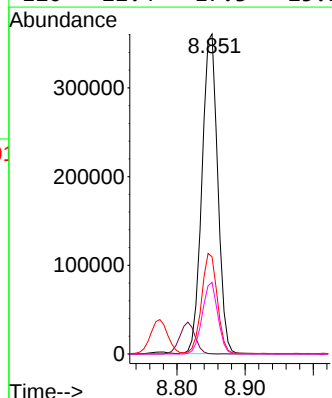
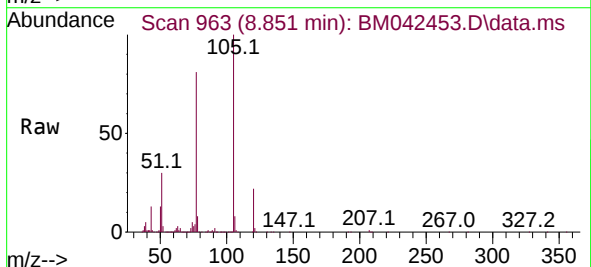
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

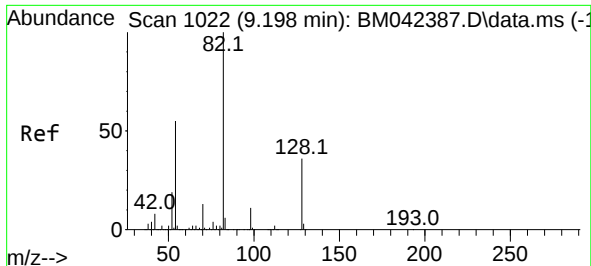
Tgt Ion:136 Resp: 551396
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.5 8.6 12.8
68 7.1 6.4 9.6



#22
Acetophenone
Concen: 38.465 ng
RT: 8.851 min Scan# 963
Delta R.T. 0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:105 Resp: 578620
Ion Ratio Lower Upper
105 100
71 0.0 0.1 0.1#
51 30.3 27.1 40.7
120 22.4 17.3 25.9

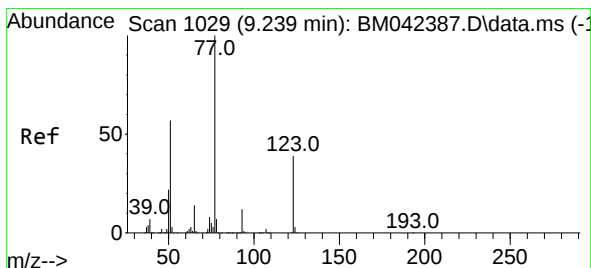
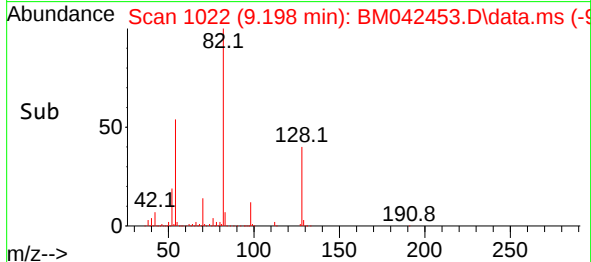
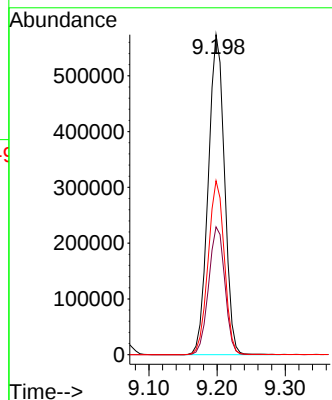
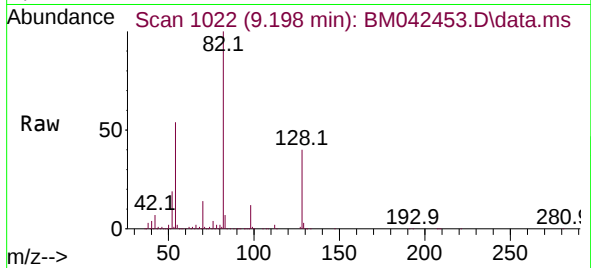




#23
Nitrobenzene-d5
Concen: 76.248 ng
RT: 9.198 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

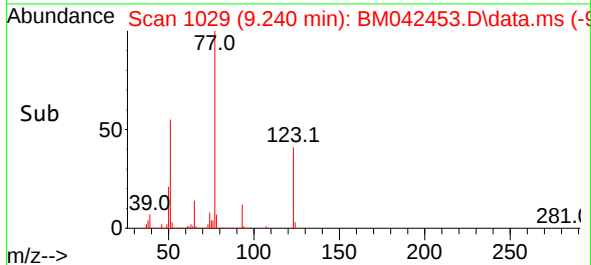
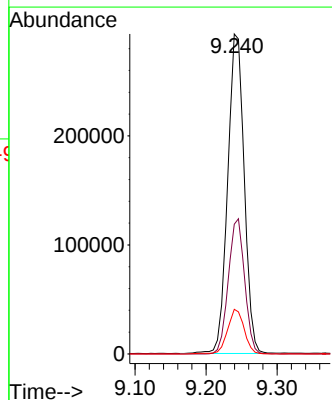
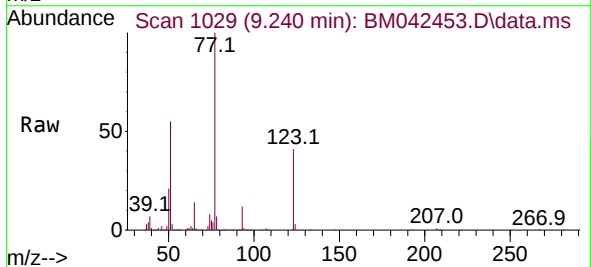
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

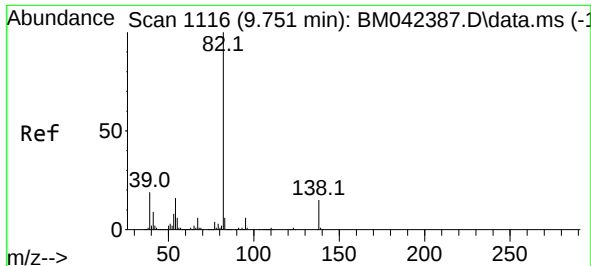
Tgt Ion: 82 Resp: 950778
Ion Ratio Lower Upper
82 100
128 40.0 29.0 43.6
54 54.3 43.7 65.5



#24
Nitrobenzene
Concen: 37.934 ng
RT: 9.240 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 77 Resp: 473235
Ion Ratio Lower Upper
77 100
123 40.6 31.2 46.8
65 13.9 11.4 17.0

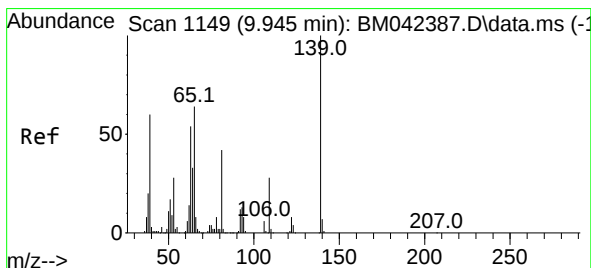
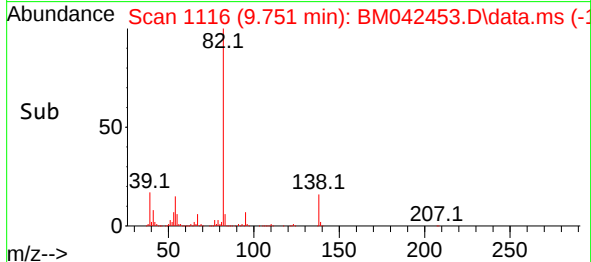
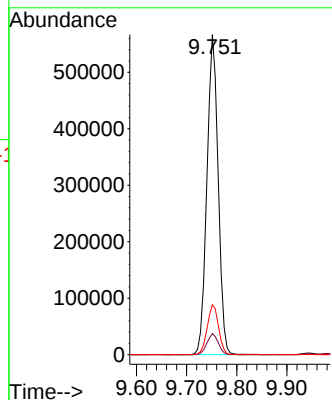
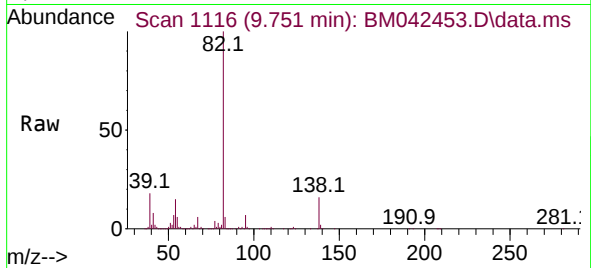




#25
Isophorone
Concen: 41.713 ng
RT: 9.751 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

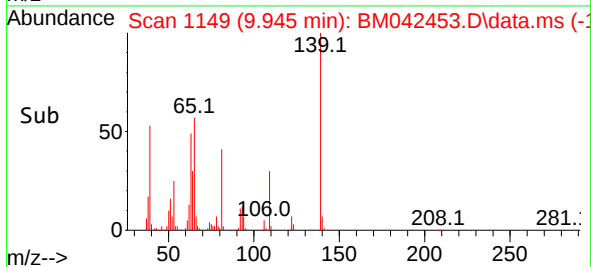
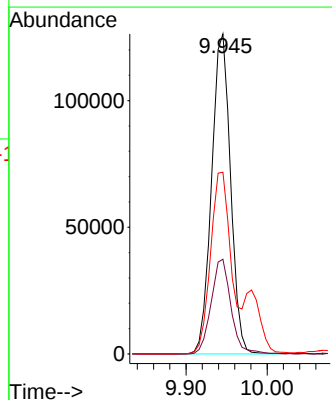
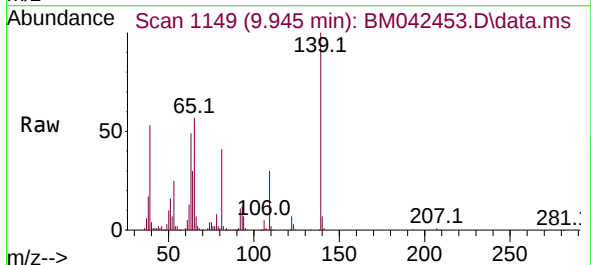
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

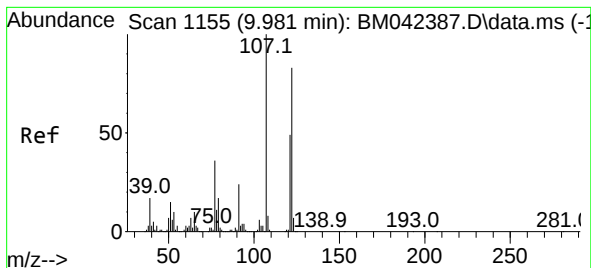
Tgt Ion: 82 Resp: 883947
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.6 11.8 17.6



#26
2-Nitrophenol
Concen: 42.927 ng
RT: 9.945 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:139 Resp: 204654
Ion Ratio Lower Upper
139 100
109 29.6 22.3 33.5
65 56.8 51.1 76.7

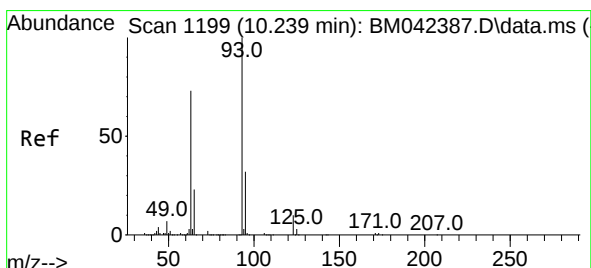
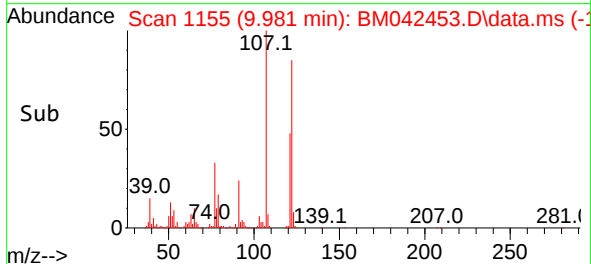
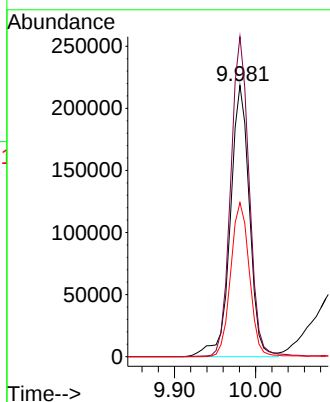
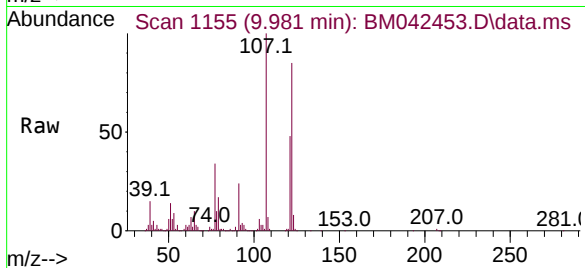




#27
2,4-Dimethylphenol
Concen: 41.597 ng
RT: 9.981 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

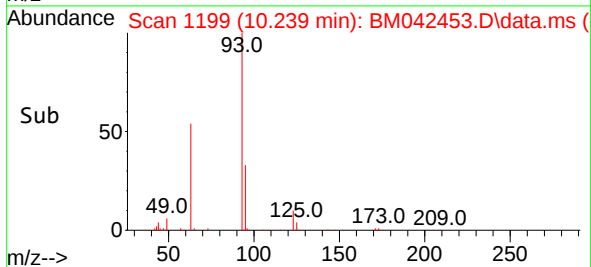
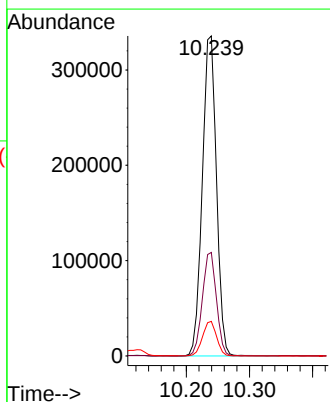
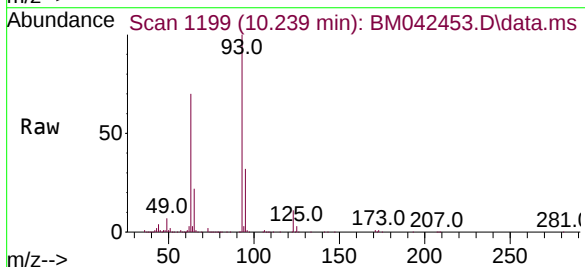
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

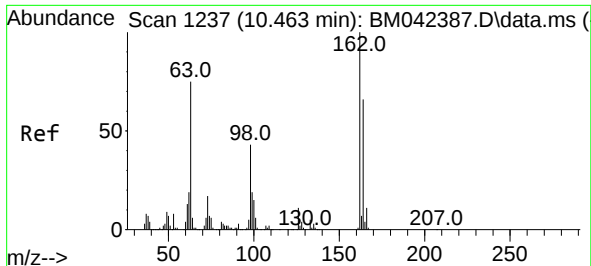
Tgt Ion:122 Resp: 357553
Ion Ratio Lower Upper
122 100
107 118.0 96.3 144.5
121 56.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.878 ng
RT: 10.239 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 93 Resp: 521968
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 10.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 46.226 ng

RT: 10.463 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

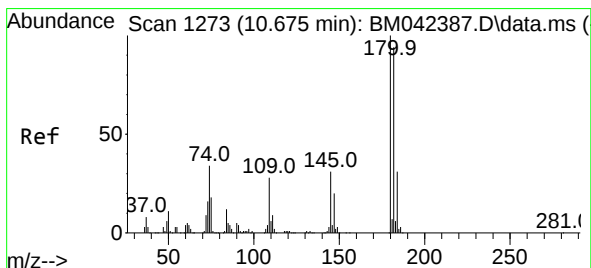
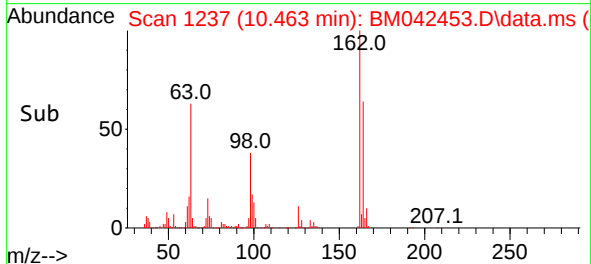
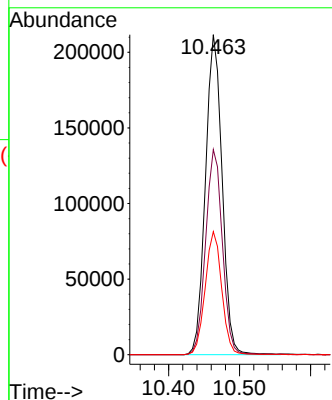
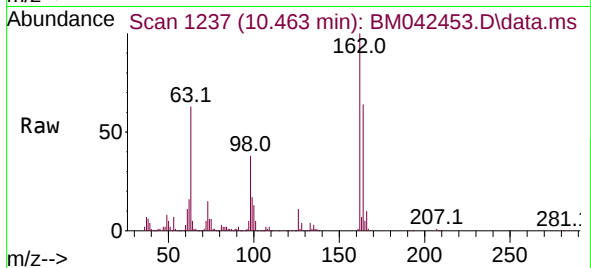
Tgt Ion:162 Resp: 345538

Ion Ratio Lower Upper

162 100

164 64.1 45.9 85.9

98 38.5 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 45.262 ng

RT: 10.675 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

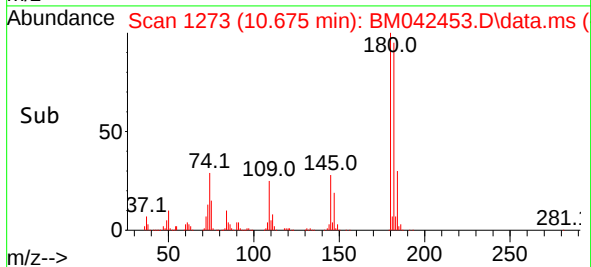
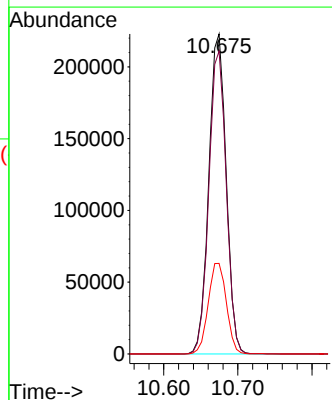
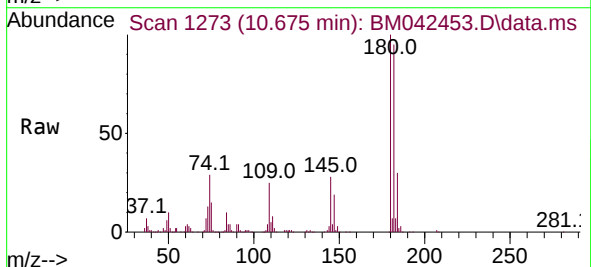
Tgt Ion:180 Resp: 362706

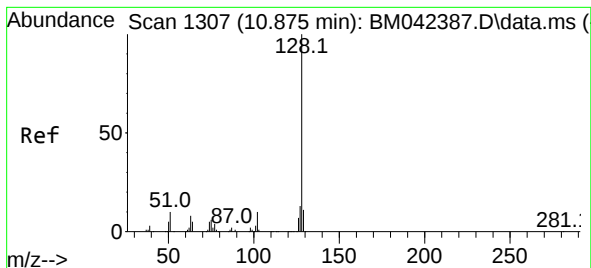
Ion Ratio Lower Upper

180 100

182 94.7 75.0 112.4

145 28.3 24.6 36.8

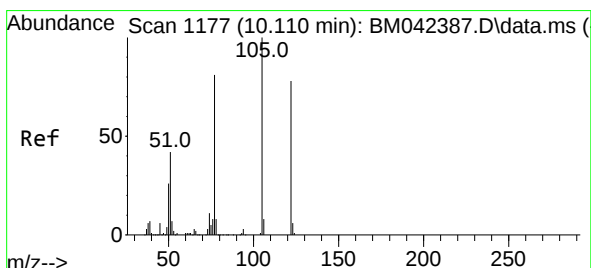
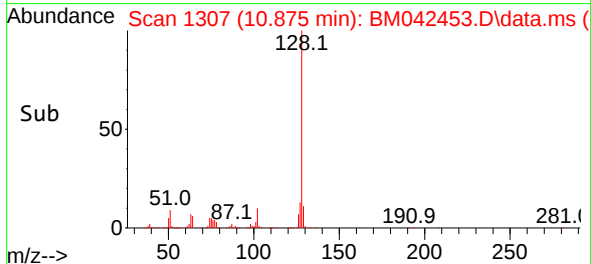
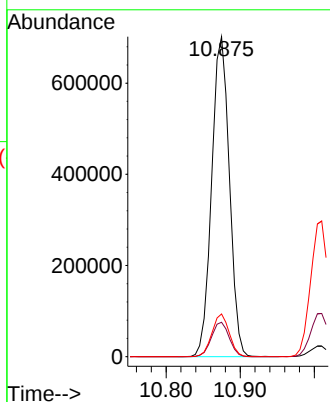
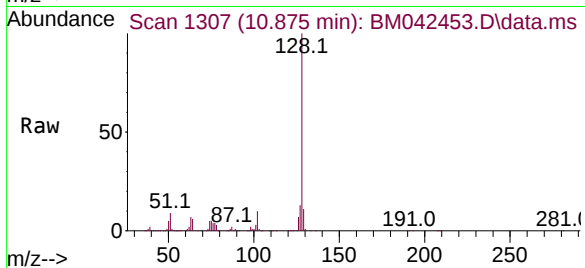




#31
Naphthalene
Concen: 41.075 ng
RT: 10.875 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

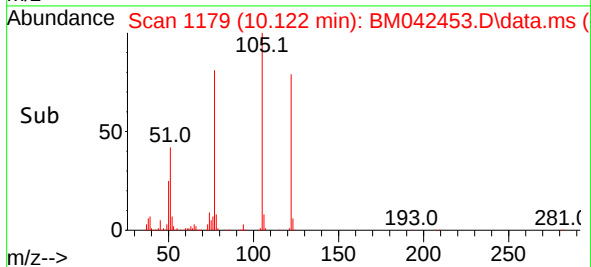
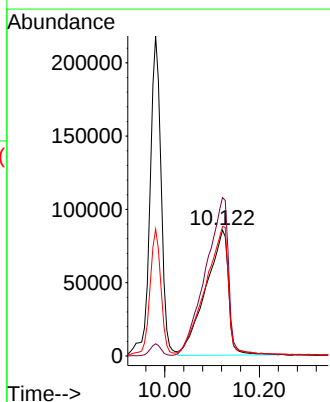
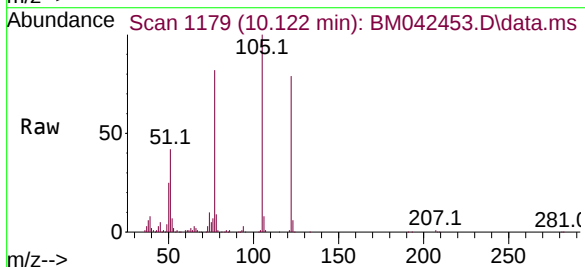
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

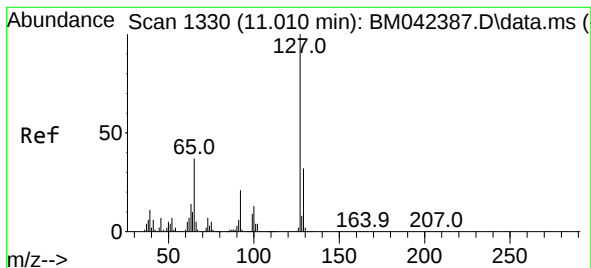
Tgt Ion:128 Resp: 1163328
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 45.603 ng
RT: 10.122 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:122 Resp: 284821
Ion Ratio Lower Upper
122 100
105 125.8 104.9 144.9
77 102.8 83.4 123.4





#33

4-Chloroaniline

Concen: 41.131 ng

RT: 11.010 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 505769

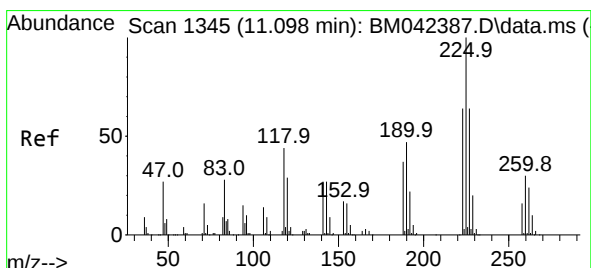
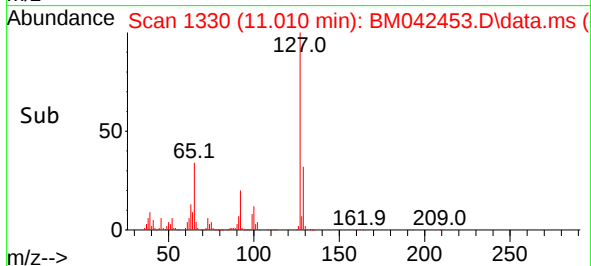
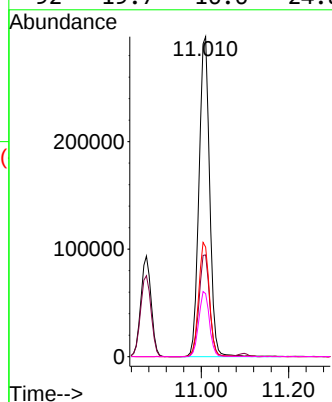
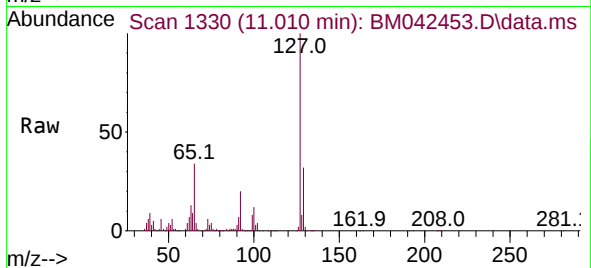
Ion Ratio Lower Upper

127 100

129 31.8 25.3 37.9

65 34.3 29.6 44.4

92 19.7 16.6 24.8



#34

Hexachlorobutadiene

Concen: 51.845 ng

RT: 11.098 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

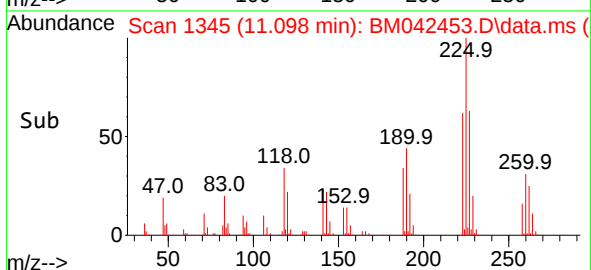
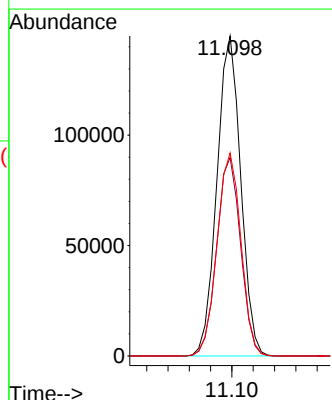
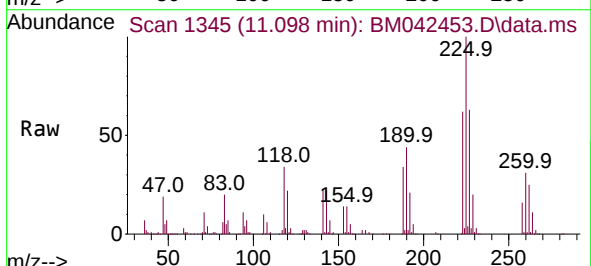
Tgt Ion:225 Resp: 224818

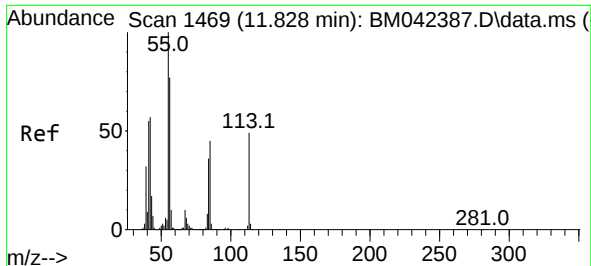
Ion Ratio Lower Upper

225 100

223 62.0 51.5 77.3

227 63.5 51.3 76.9

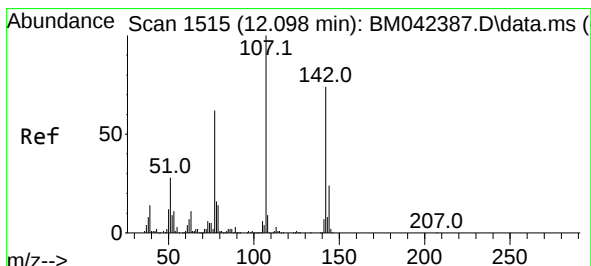
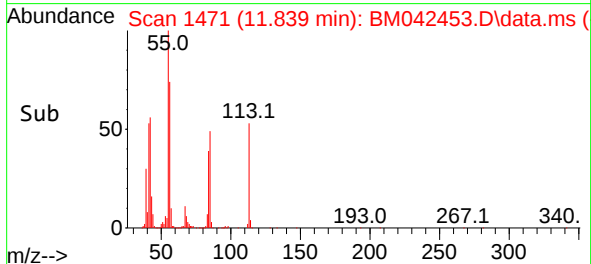
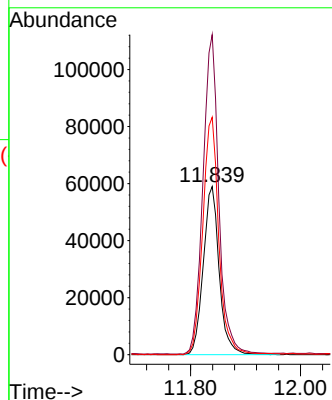
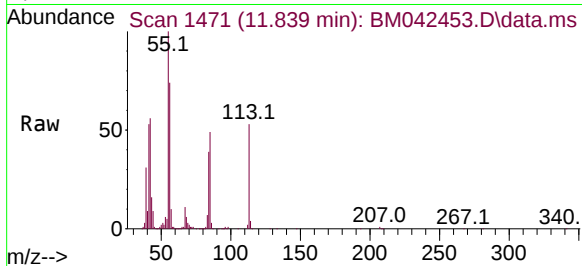




#35
 Caprolactam
 Concen: 40.918 ng
 RT: 11.839 min Scan# 1469
 Delta R.T. 0.011 min
 Lab File: BM042453.D
 Acq: 26 Oct 2023 15:22

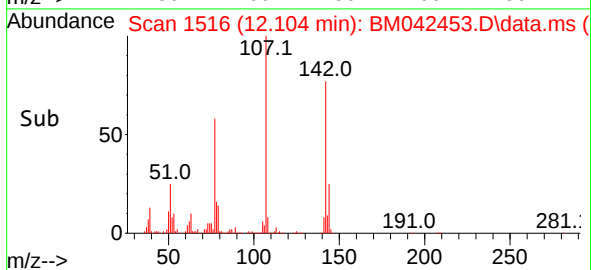
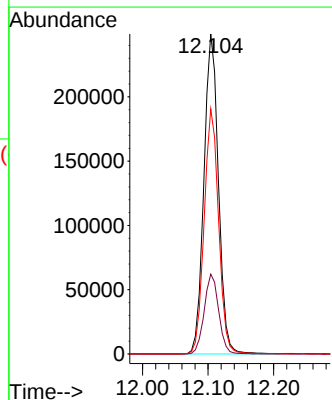
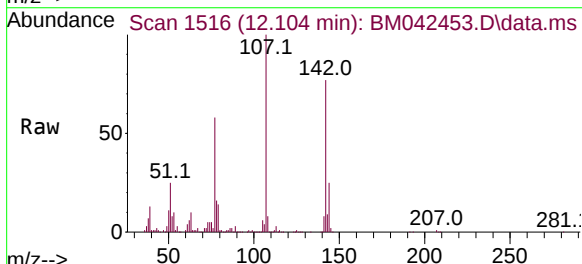
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

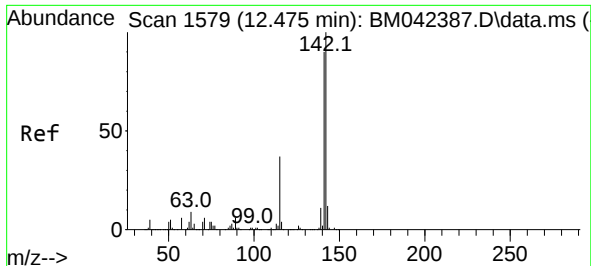
Tgt Ion:113 Resp: 118450
 Ion Ratio Lower Upper
 113 100
 55 190.3 185.6 225.6
 56 141.2 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.647 ng
 RT: 12.104 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: BM042453.D
 Acq: 26 Oct 2023 15:22

Tgt Ion:107 Resp: 384701
 Ion Ratio Lower Upper
 107 100
 144 25.0 18.9 28.3
 142 76.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.749 ng

RT: 12.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

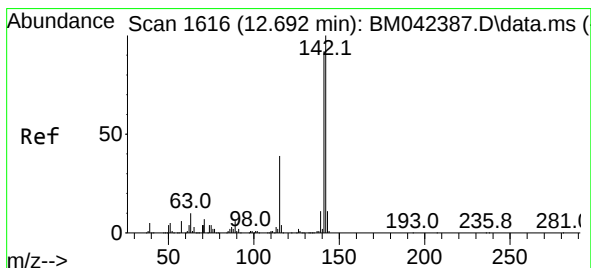
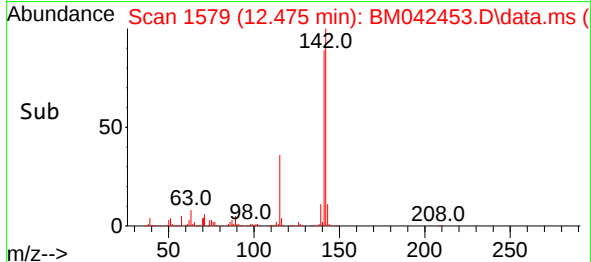
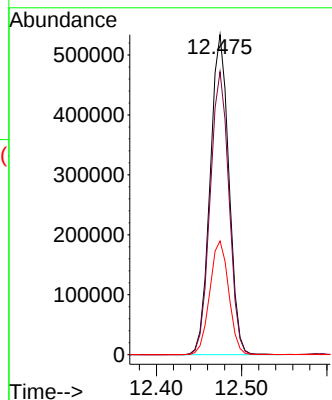
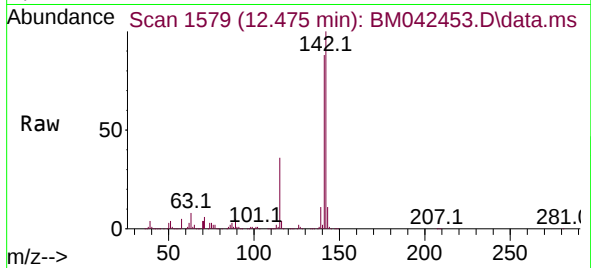
Tgt Ion:142 Resp: 815019

Ion Ratio Lower Upper

142 100

141 88.4 72.0 108.0

115 35.6 29.4 44.2



#38

1-Methylnaphthalene

Concen: 42.756 ng

RT: 12.692 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

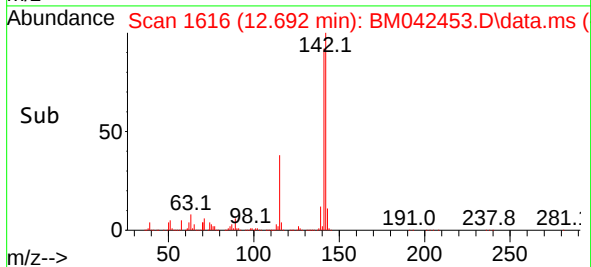
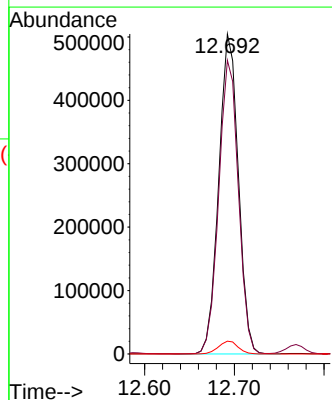
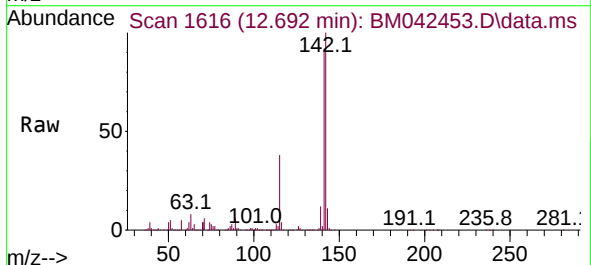
Tgt Ion:142 Resp: 763658

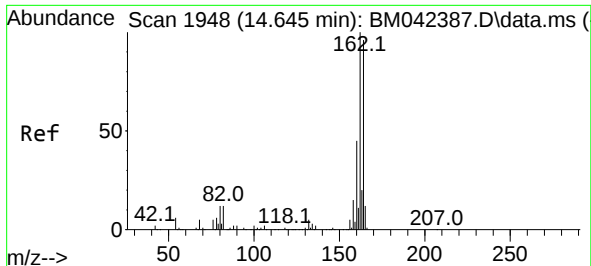
Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

116 4.0 3.3 4.9

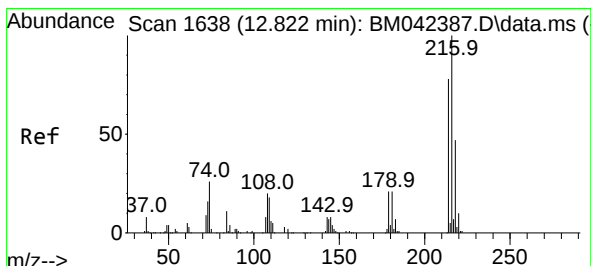
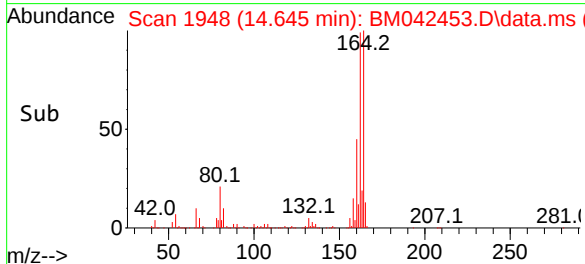
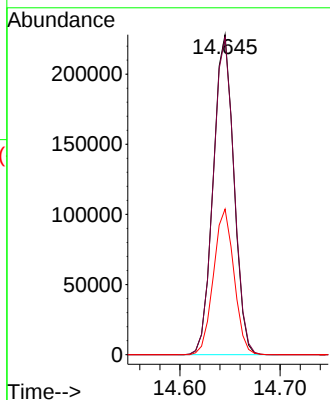
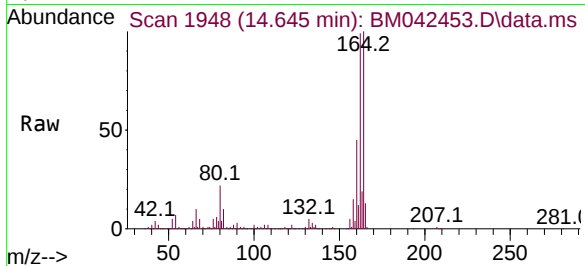




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

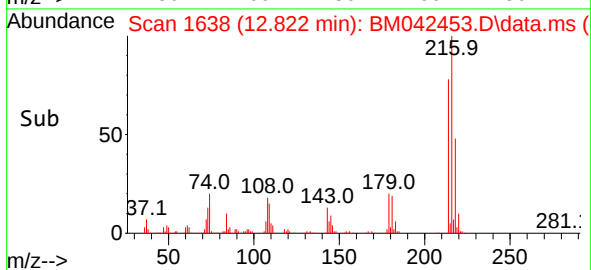
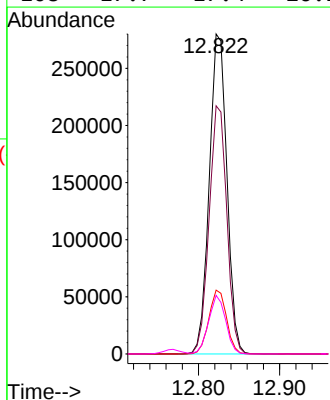
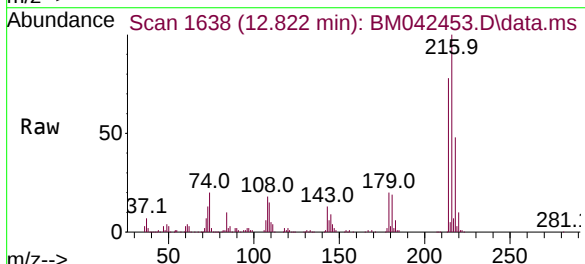
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

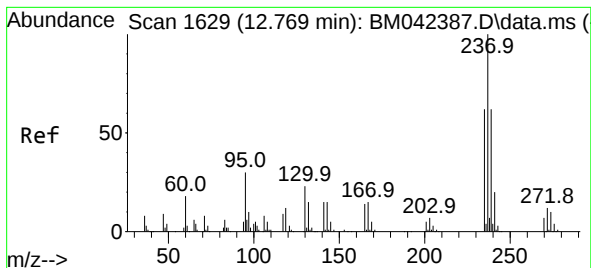
Tgt Ion:164 Resp: 325942
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.4
160 45.5 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.765 ng
RT: 12.822 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:216 Resp: 421810
Ion Ratio Lower Upper
216 100
214 77.9 63.0 94.4
179 20.0 17.2 25.8
108 17.7 17.4 26.2

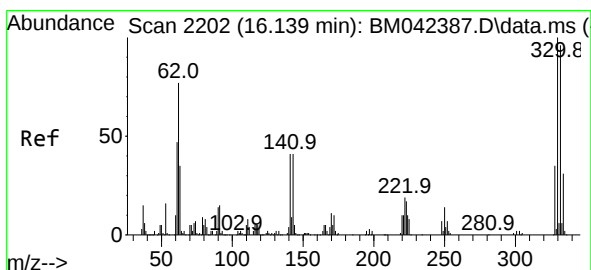
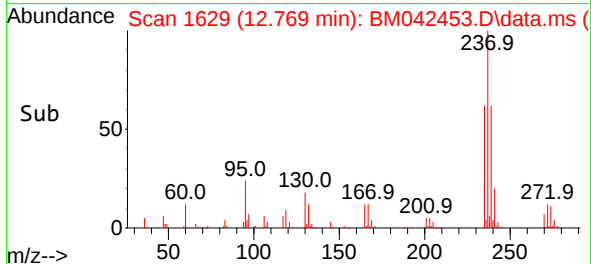
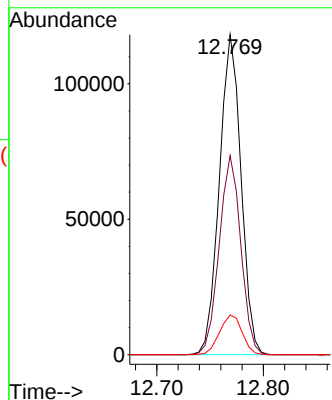
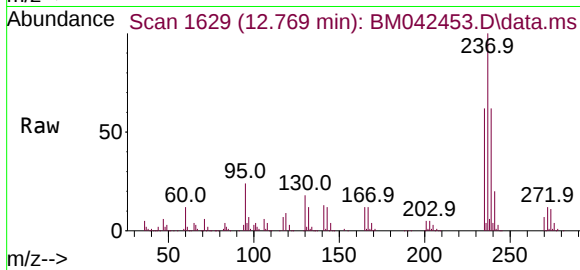




#41
Hexachlorocyclopentadiene
Concen: 35.308 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

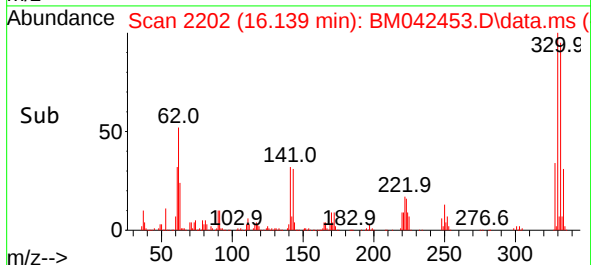
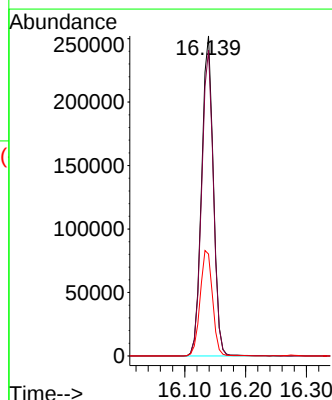
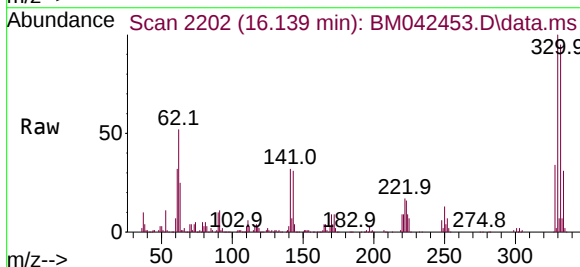
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

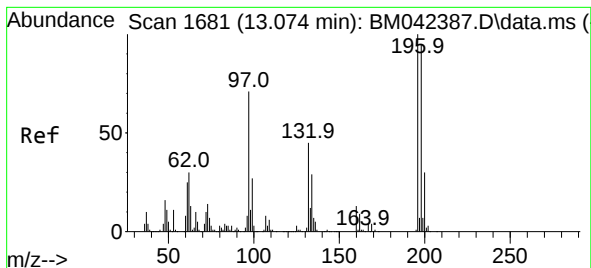
Tgt Ion:237 Resp: 166537
Ion Ratio Lower Upper
237 100
235 62.2 41.5 81.5
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 96.461 ng
RT: 16.139 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:330 Resp: 337979
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 34.8 38.0 57.0#





#43

2,4,6-Trichlorophenol

Concen: 46.136 ng

RT: 13.075 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

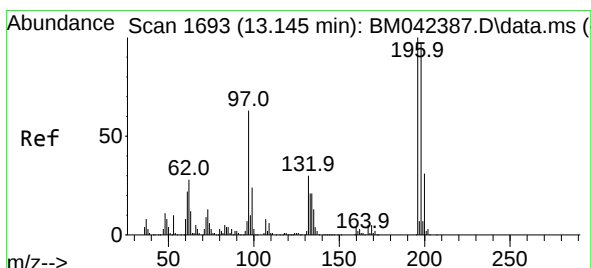
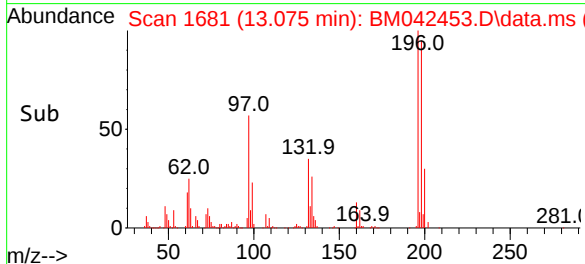
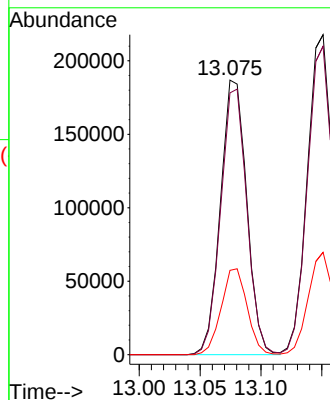
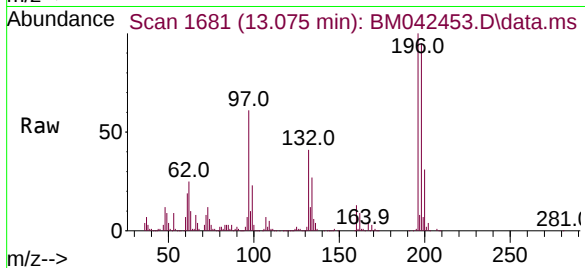
Tgt Ion:196 Resp: 281423

Ion Ratio Lower Upper

196 100

198 95.3 76.3 114.5

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 44.728 ng

RT: 13.151 min Scan# 1694

Delta R.T. 0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Tgt Ion:196 Resp: 322524

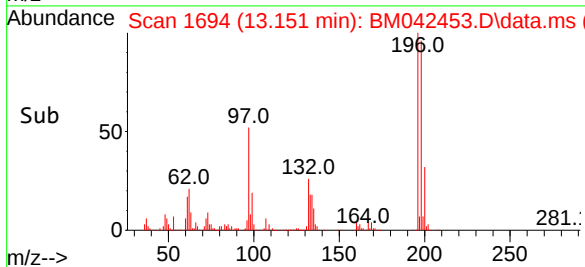
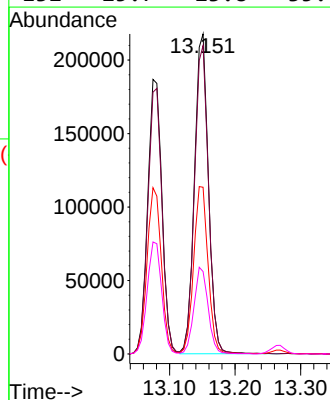
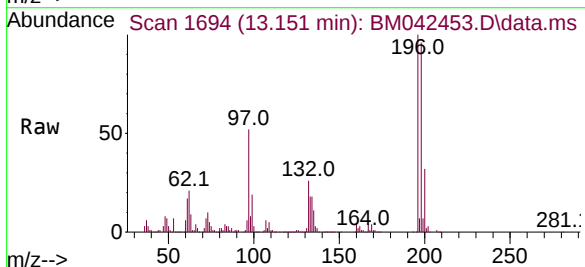
Ion Ratio Lower Upper

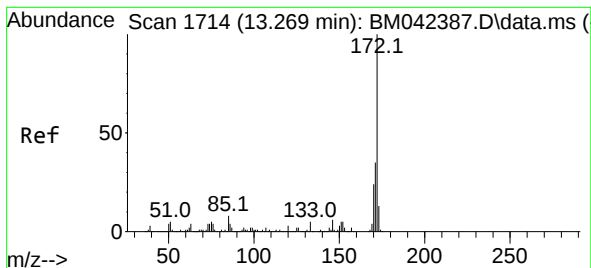
196 100

198 96.4 77.9 116.9

97 52.1 50.9 76.3

132 25.7 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 81.441 ng

RT: 13.269 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

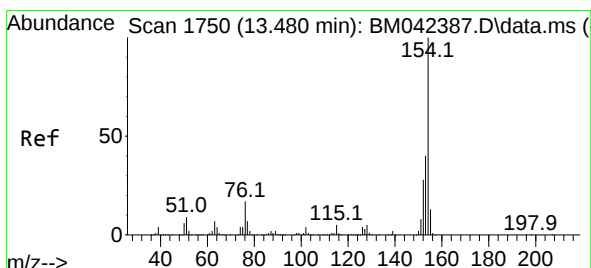
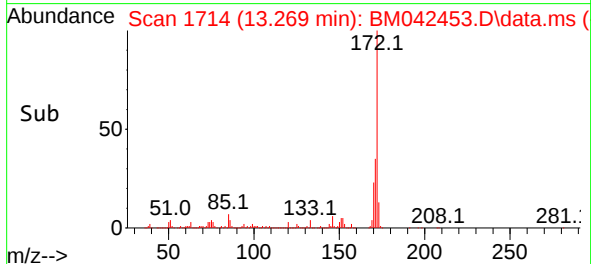
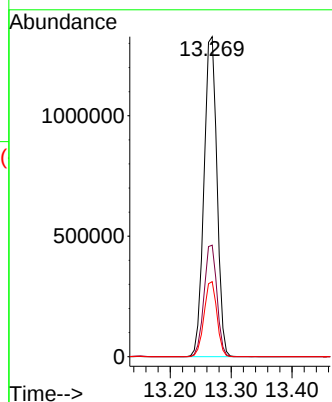
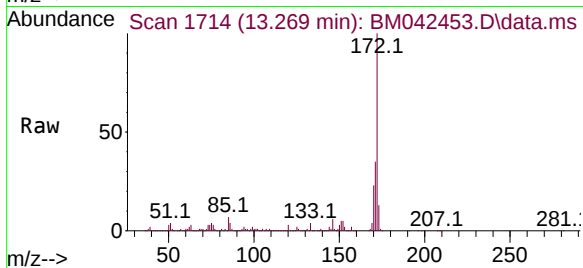
Tgt Ion:172 Resp: 1971243

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.663 ng

RT: 13.480 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

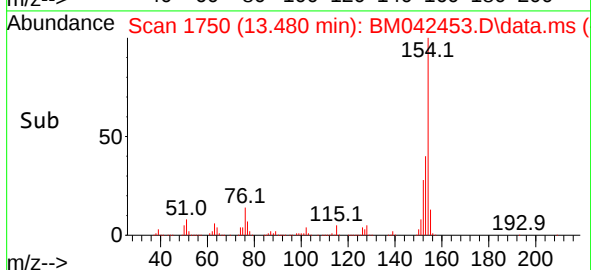
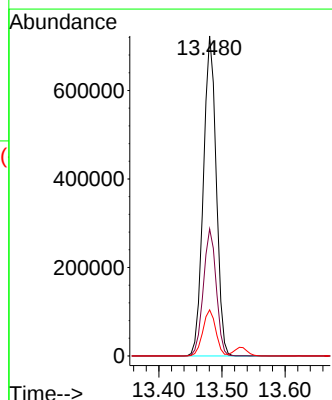
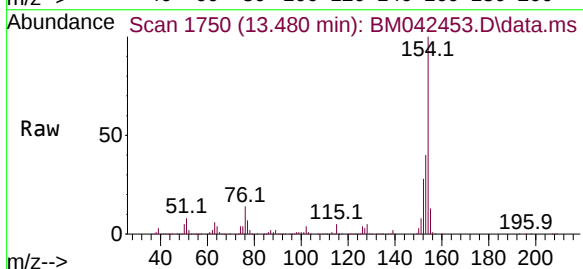
Tgt Ion:154 Resp: 1025569

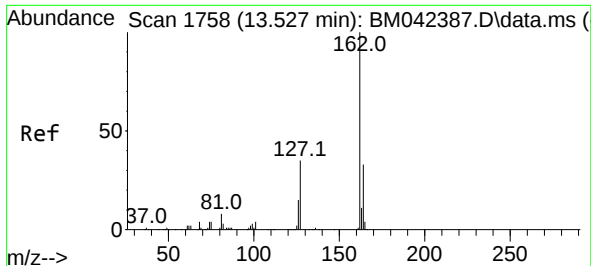
Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

76 14.4 0.0 36.9

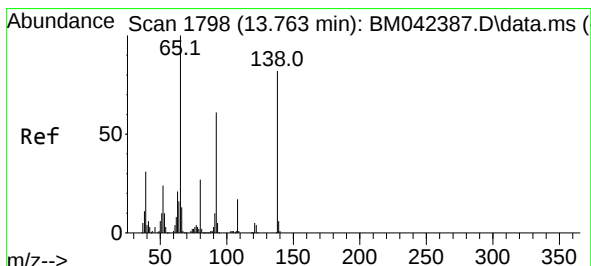
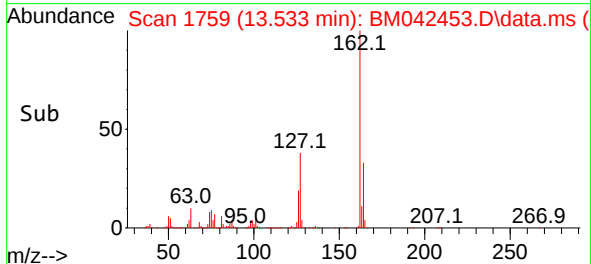
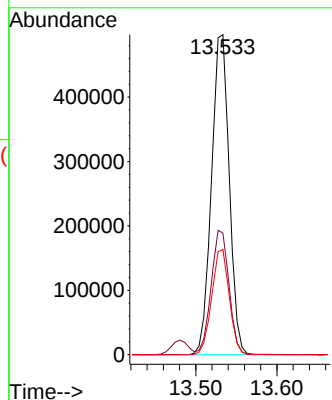
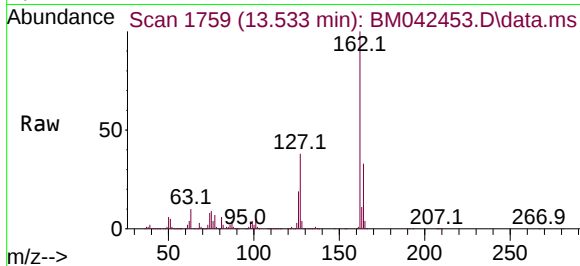




#47
2-Chloronaphthalene
Concen: 39.734 ng
RT: 13.533 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

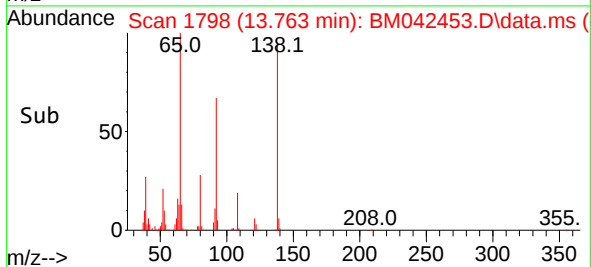
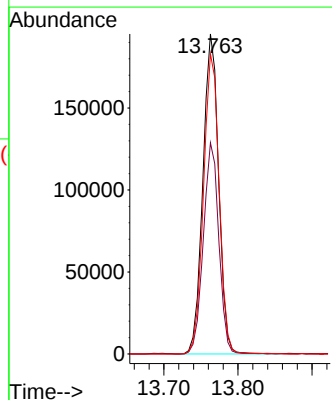
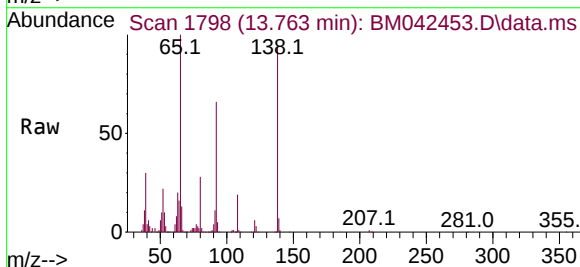
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

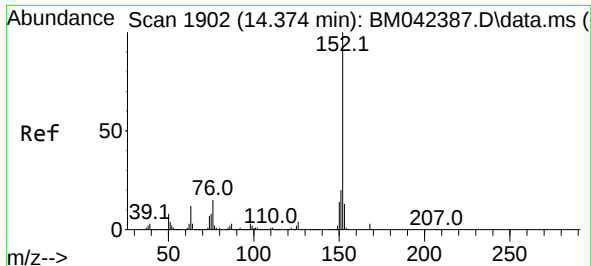
Tgt Ion:162 Resp: 753765
Ion Ratio Lower Upper
162 100
127 38.0 32.2 48.2
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 35.357 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion: 65 Resp: 287642
Ion Ratio Lower Upper
65 100
92 66.0 49.0 73.6
138 93.8 65.5 98.3

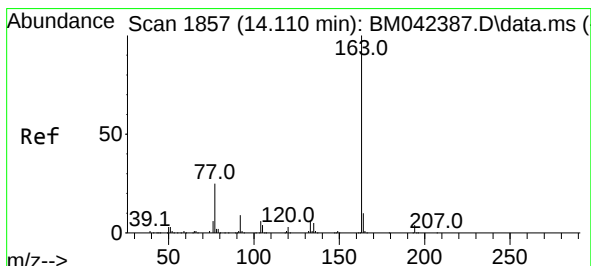
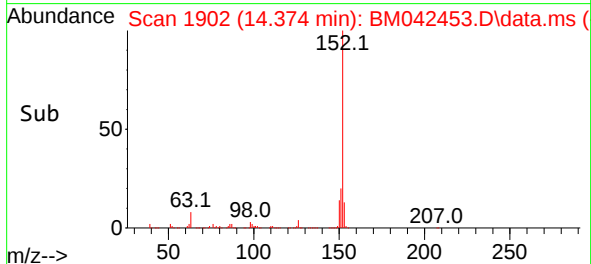
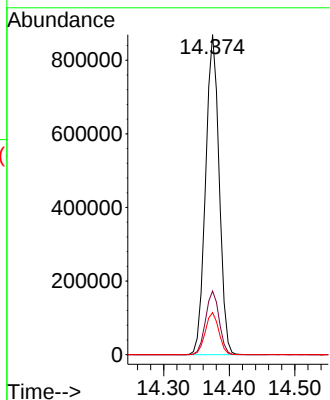
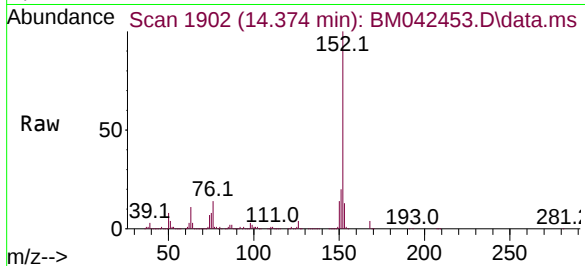




#49
Acenaphthylene
Concen: 40.832 ng
RT: 14.374 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

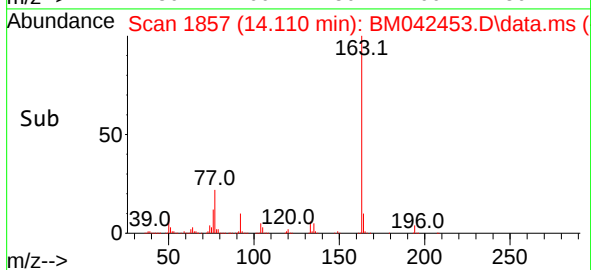
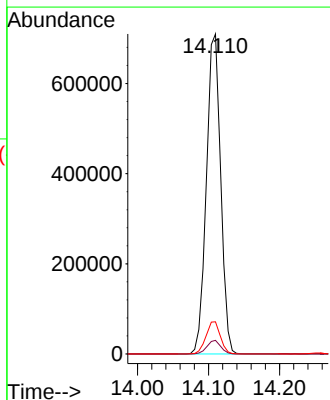
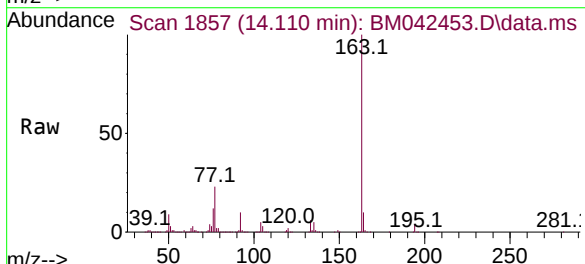
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

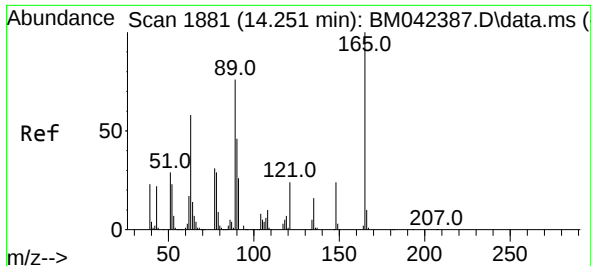
Tgt Ion:152 Resp: 1250511
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 41.514 ng
RT: 14.110 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:163 Resp: 992519
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.0 7.9 11.9

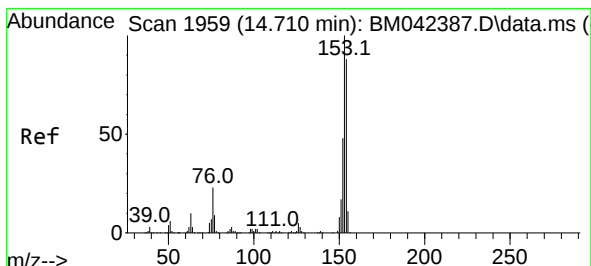
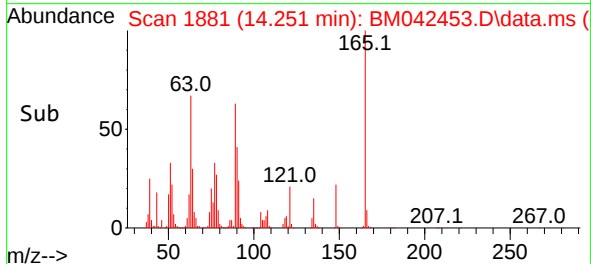
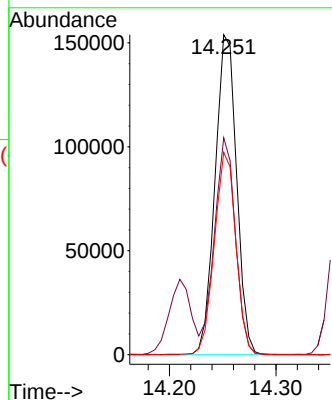
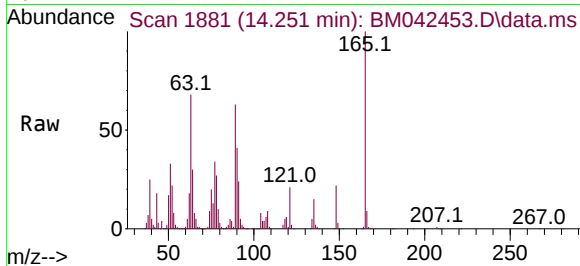




#51
2,6-Dinitrotoluene
Concen: 40.486 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

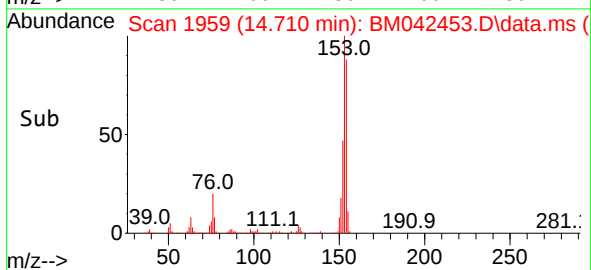
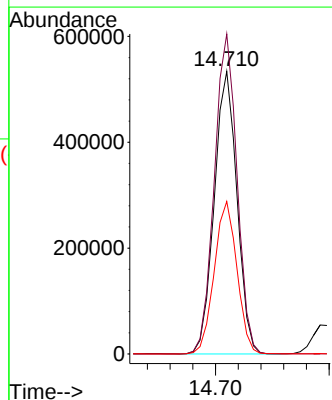
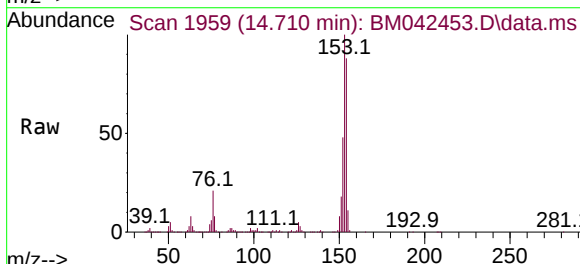
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

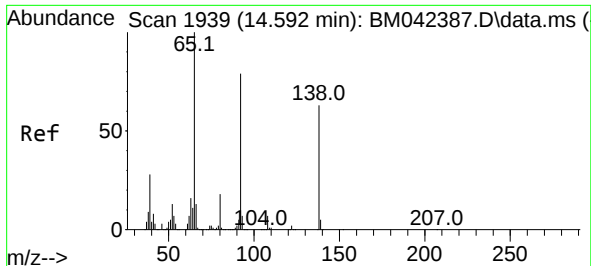
Tgt Ion:165 Resp: 215959
Ion Ratio Lower Upper
165 100
63 67.8 65.3 97.9
89 63.2 60.6 91.0



#52
Acenaphthene
Concen: 40.062 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:154 Resp: 741768
Ion Ratio Lower Upper
154 100
153 113.2 91.1 136.7
152 54.0 44.0 66.0

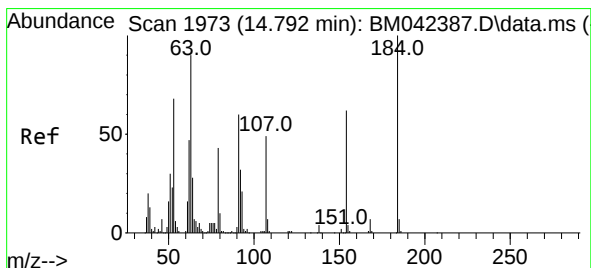
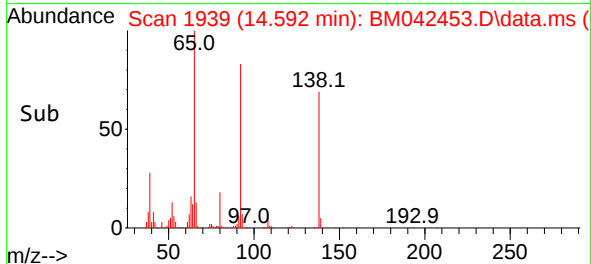
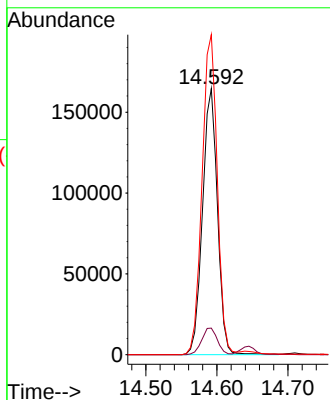
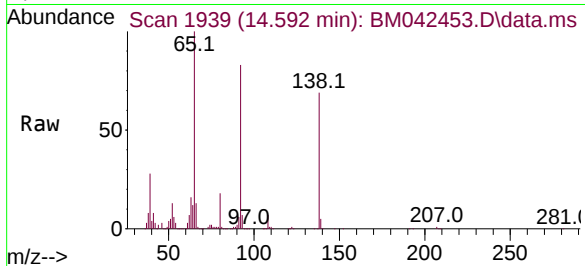




#53
3-Nitroaniline
Concen: 38.424 ng
RT: 14.592 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

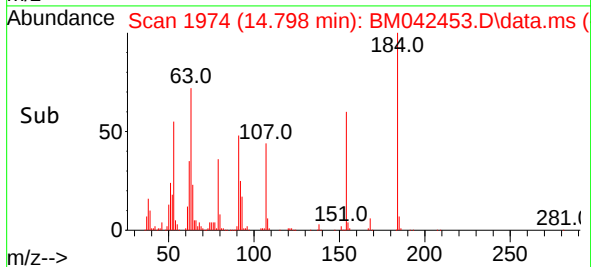
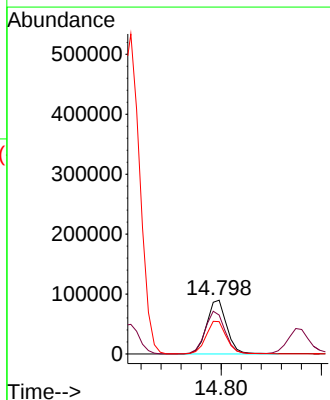
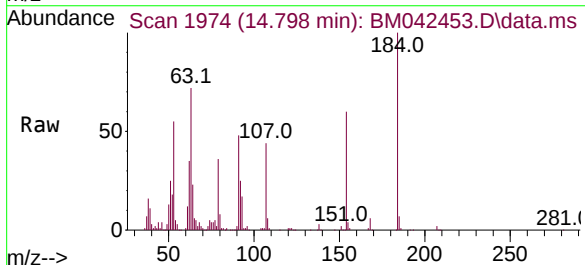
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

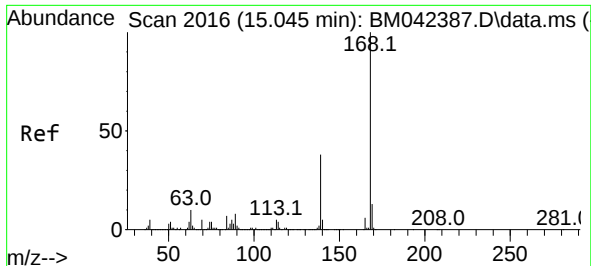
Tgt Ion:138 Resp: 241479
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 120.3 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 41.760 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:184 Resp: 125099
Ion Ratio Lower Upper
184 100
63 72.2 72.2 108.2
154 60.1 49.6 74.4

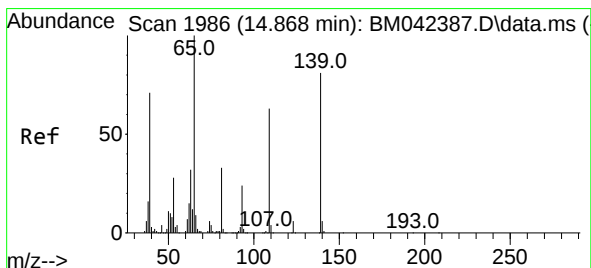
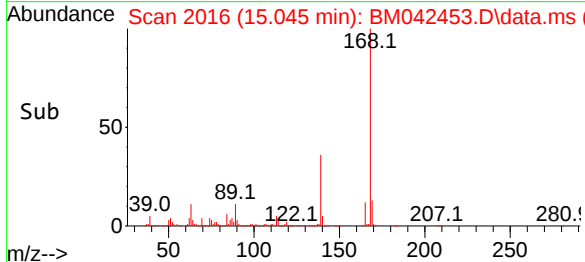
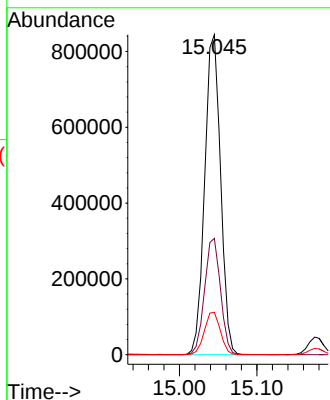
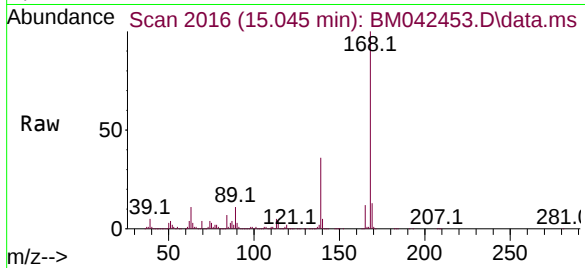




#55
Dibenzofuran
Concen: 41.016 ng
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

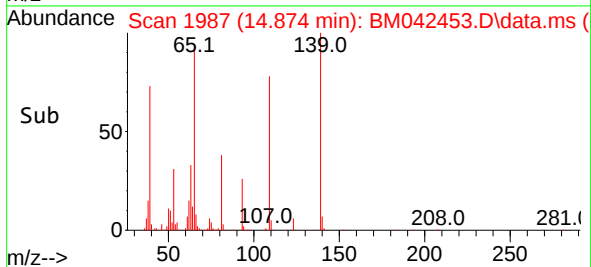
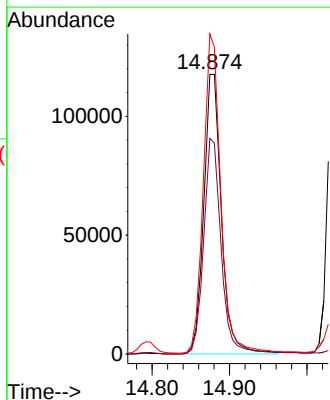
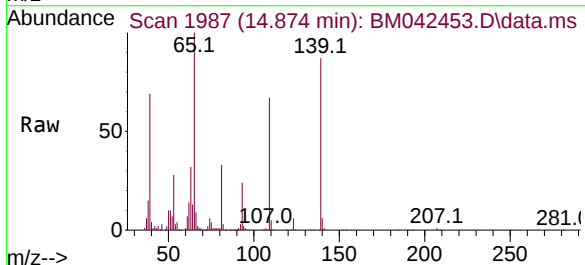
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

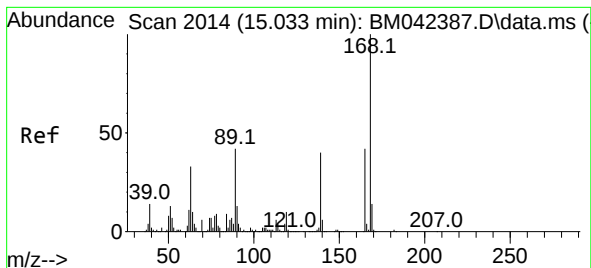
Tgt Ion:168 Resp: 1201164
Ion Ratio Lower Upper
168 100
139 36.3 30.6 46.0
169 13.3 10.4 15.6



#56
4-Nitrophenol
Concen: 38.240 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:139 Resp: 186201
Ion Ratio Lower Upper
139 100
109 77.1 58.0 98.0
65 114.4 104.2 144.2

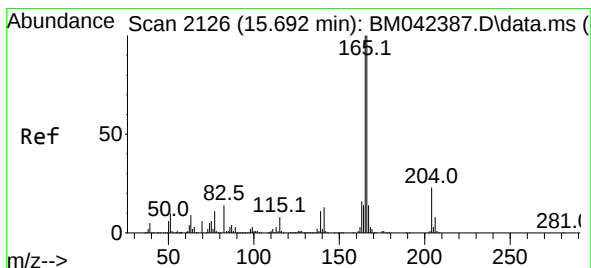
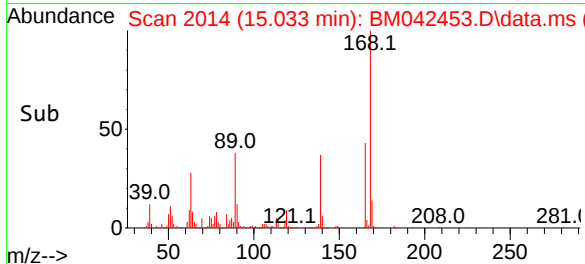
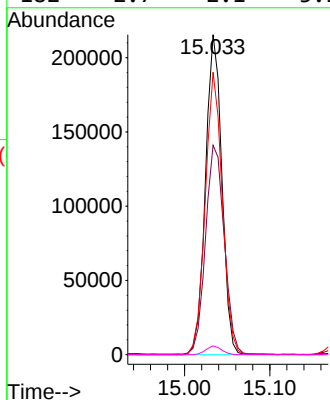
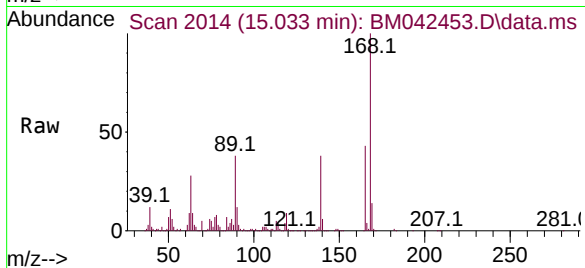




#57
2,4-Dinitrotoluene
Concen: 40.497 ng
RT: 15.033 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

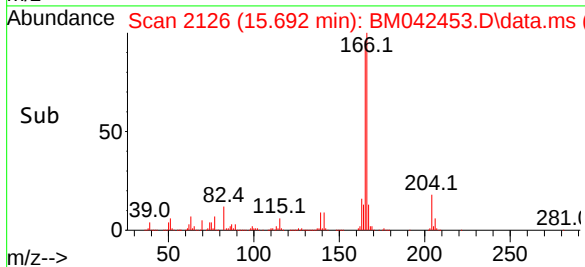
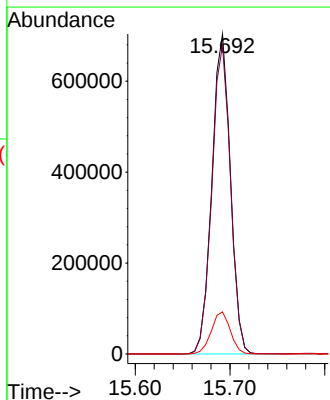
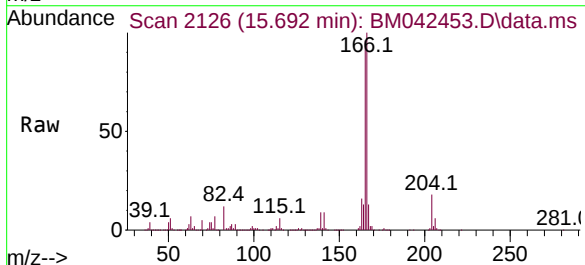
Instrument :
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ClientSampleId :
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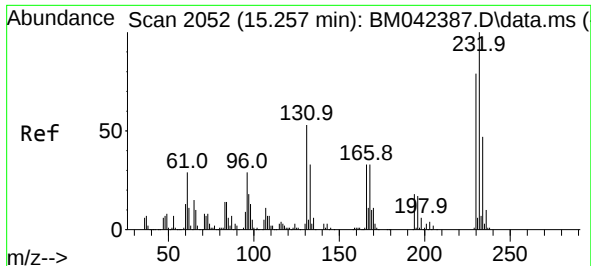
Tgt Ion:165 Resp: 287380
Ion Ratio Lower Upper
165 100
63 65.4 62.9 94.3
89 88.3 80.2 120.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 41.256 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:166 Resp: 953389
Ion Ratio Lower Upper
166 100
165 96.4 79.6 119.4
167 13.1 10.9 16.3

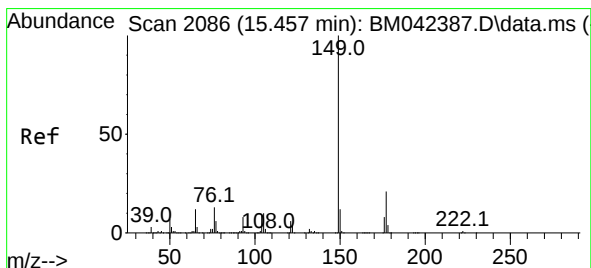
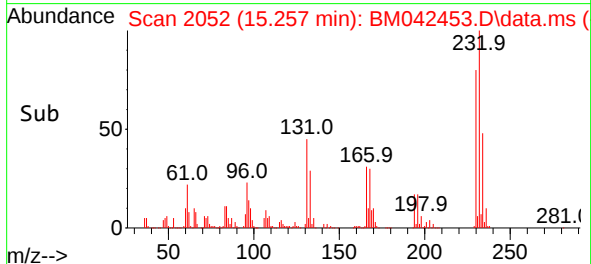
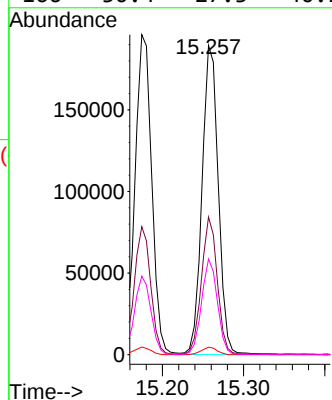
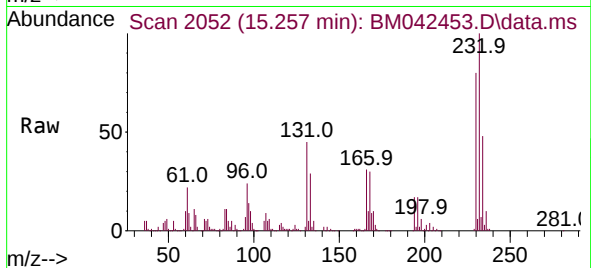




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.461 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

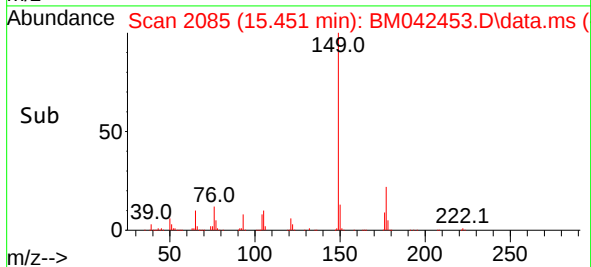
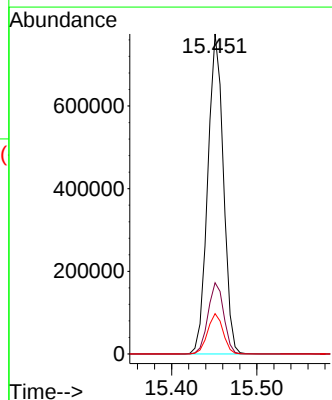
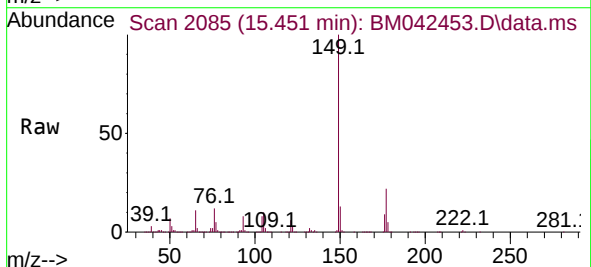
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

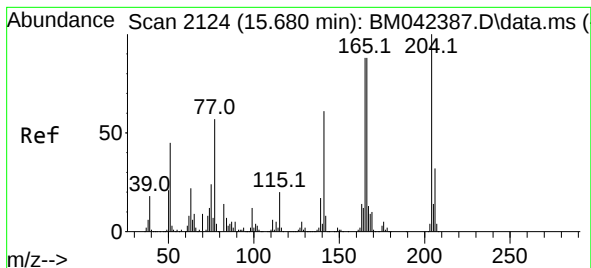
Tgt Ion:232 Resp: 262514
Ion Ratio Lower Upper
232 100
131 43.8 42.8 64.2
130 2.3 2.2 3.2
166 30.4 27.3 40.9



#60
Diethylphthalate
Concen: 41.849 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:149 Resp: 987353
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.6 9.8 14.6

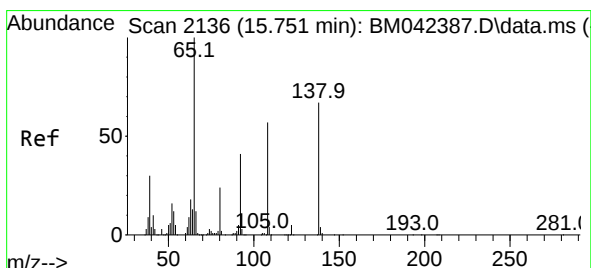
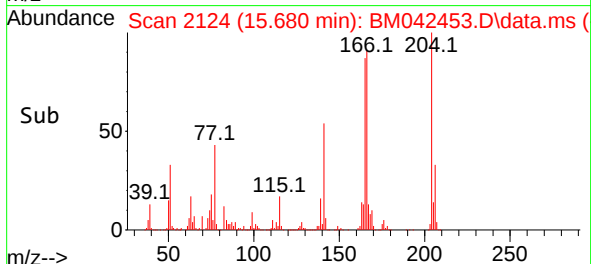
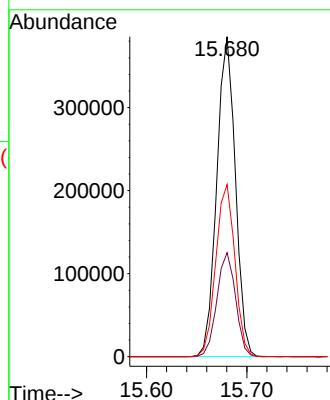
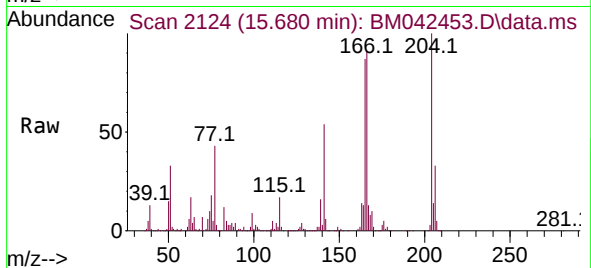




#61
4-Chlorophenyl-phenylether
Concen: 45.609 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

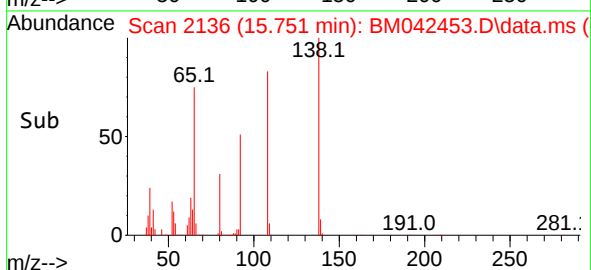
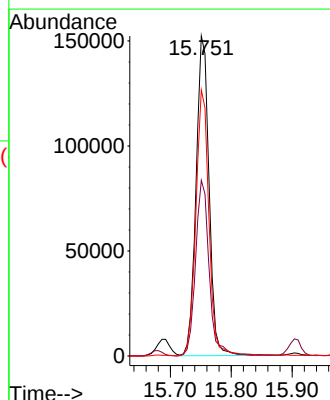
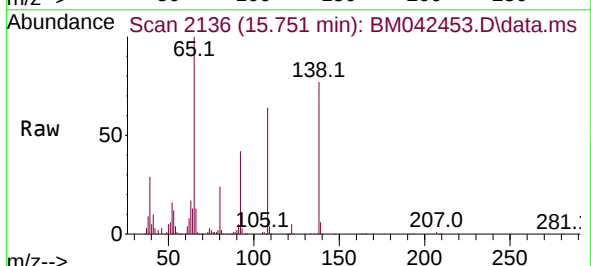
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

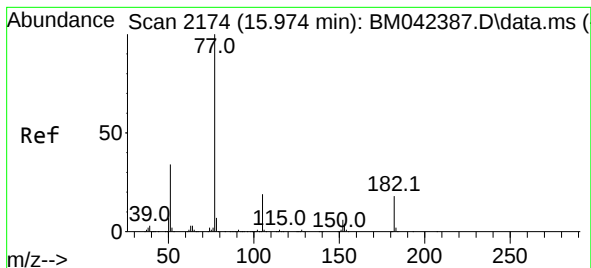
Tgt Ion:204 Resp: 496367
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 53.8 49.1 73.7



#62
4-Nitroaniline
Concen: 37.706 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:138 Resp: 226161
Ion Ratio Lower Upper
138 100
92 54.9 40.4 80.4
108 83.1 65.3 105.3





#63

Azobenzene

Concen: 37.955 ng

RT: 15.974 min Scan# 2174

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1074352

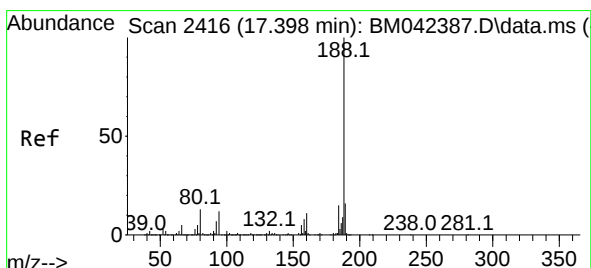
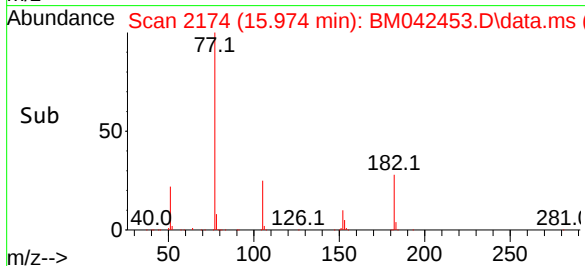
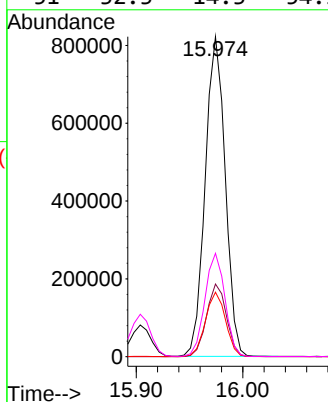
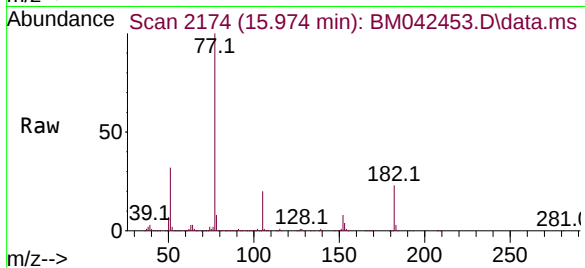
Ion Ratio Lower Upper

77 100

182 22.7 0.0 37.7

105 20.1 0.0 38.9

51 32.3 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

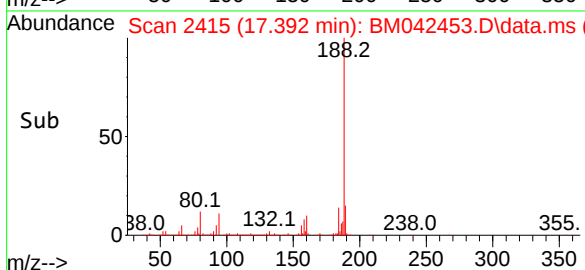
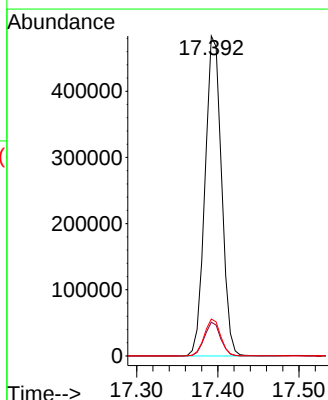
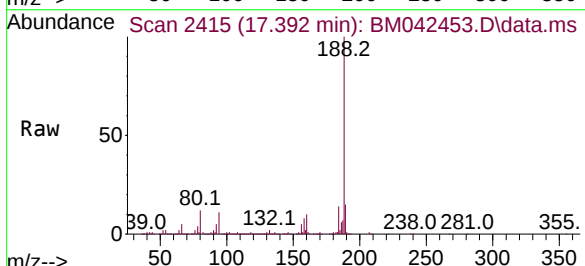
Tgt Ion:188 Resp: 680798

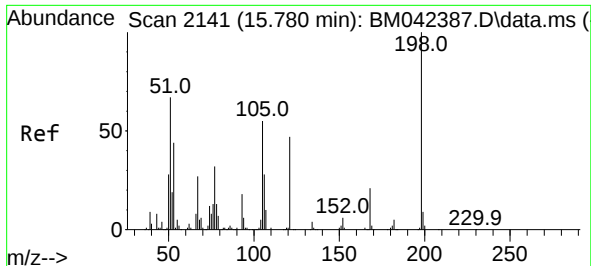
Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.0

80 11.6 10.7 16.1

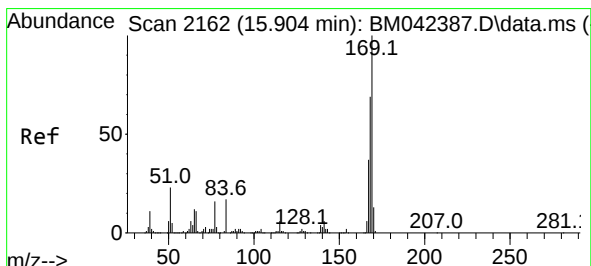
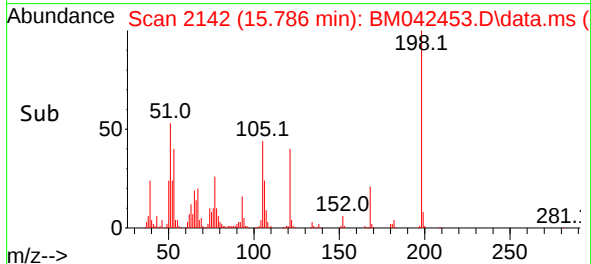
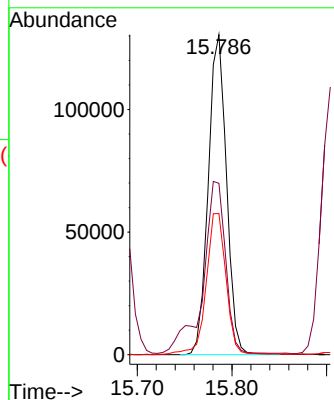
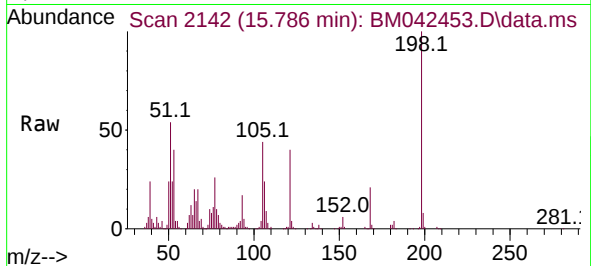




#65
4,6-Dinitro-2-methylphenol
Concen: 41.060 ng
RT: 15.786 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

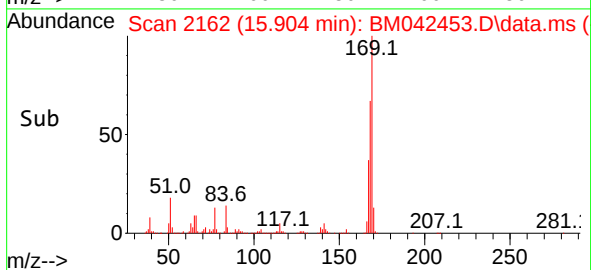
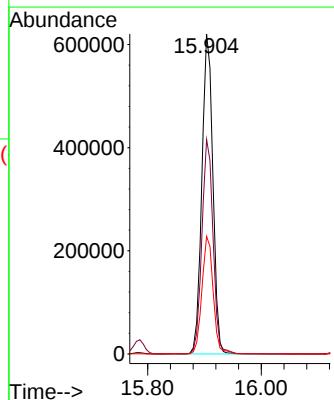
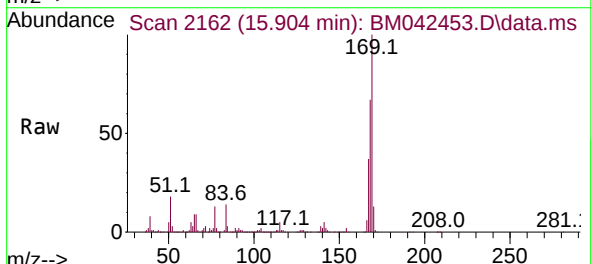
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

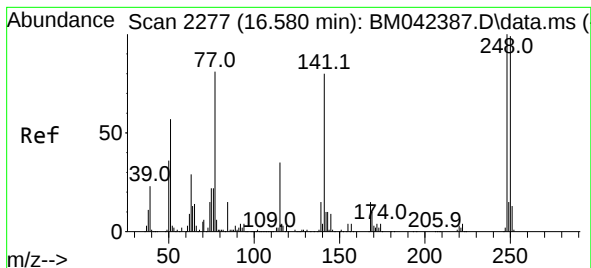
Tgt Ion:198 Resp: 174173
Ion Ratio Lower Upper
198 100
51 53.6 54.1 94.1#
105 44.1 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 40.570 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:169 Resp: 831904
Ion Ratio Lower Upper
169 100
168 67.1 55.4 83.2
167 36.7 29.9 44.9

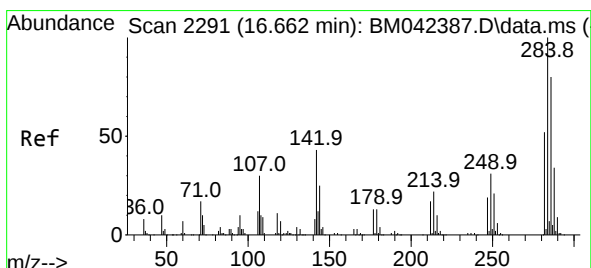
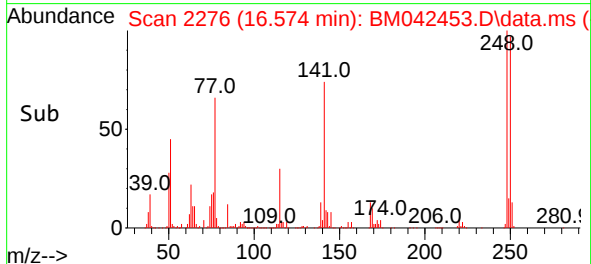
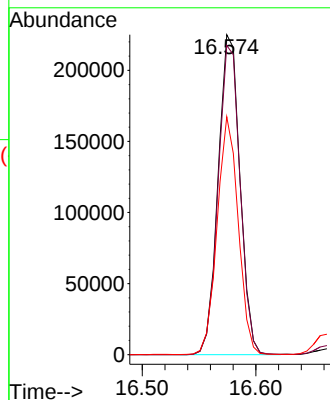
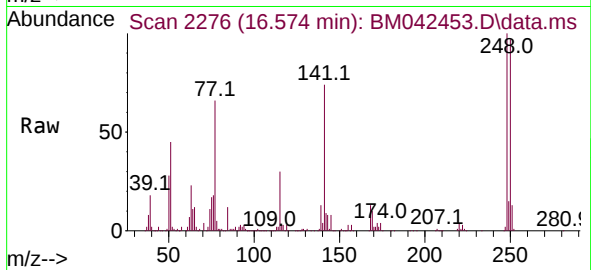




#67
4-Bromophenyl-phenylether
Concen: 47.630 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

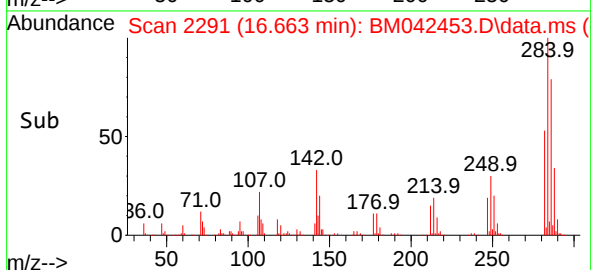
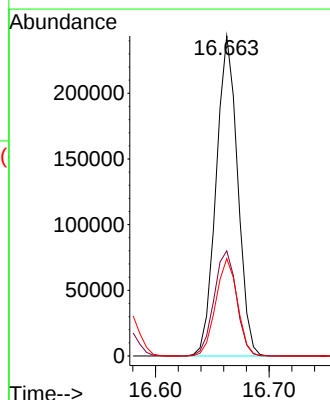
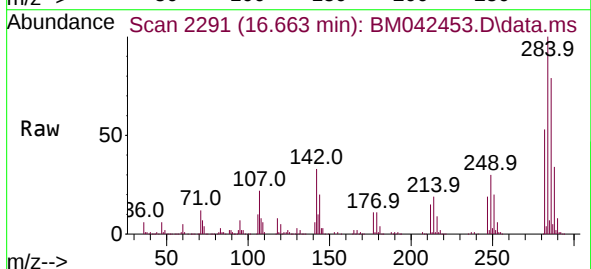
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

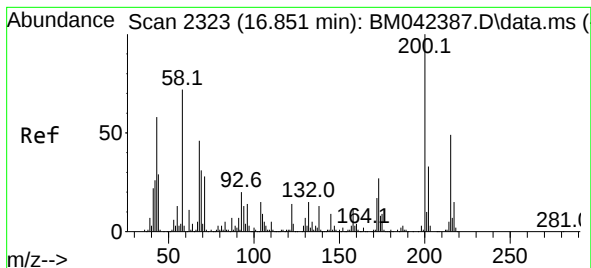
Tgt Ion:248 Resp: 300533
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.2
141 74.4 64.3 96.5



#68
Hexachlorobenzene
Concen: 47.516 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:284 Resp: 320475
Ion Ratio Lower Upper
284 100
142 32.9 34.2 51.2#
249 30.4 24.7 37.1





#69

Atrazine

Concen: 45.163 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

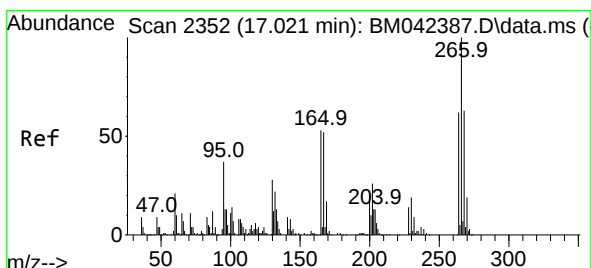
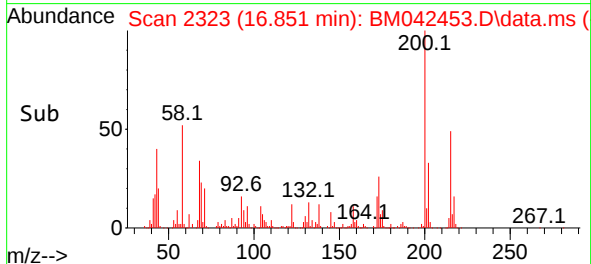
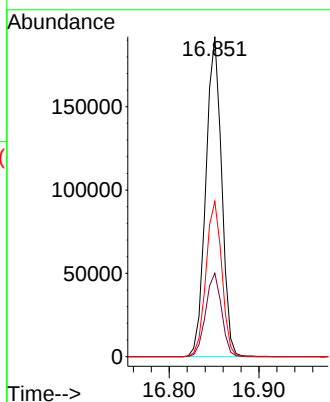
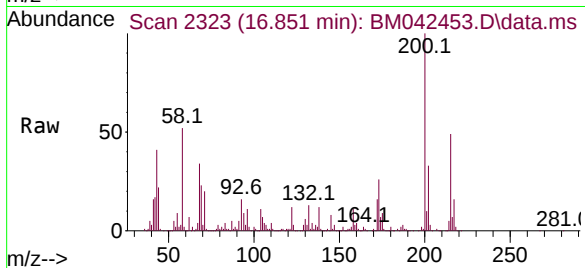
Tgt Ion:200 Resp: 234849

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

215 48.6 28.6 68.6



#70

Pentachlorophenol

Concen: 44.330 ng

RT: 17.021 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

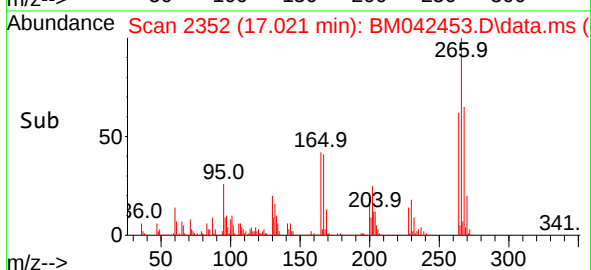
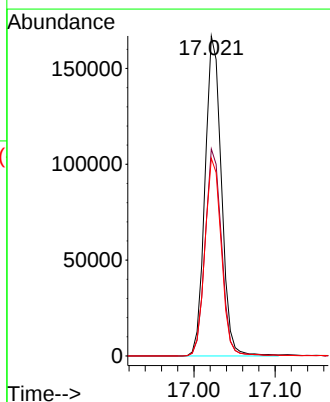
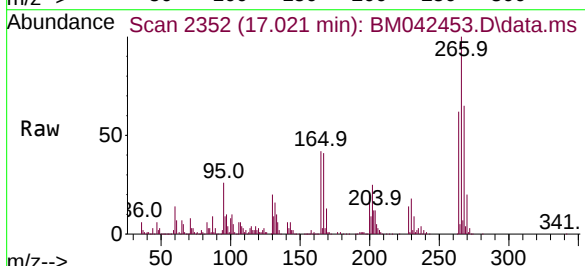
Tgt Ion:266 Resp: 233355

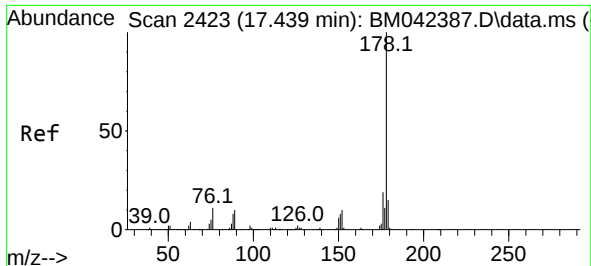
Ion Ratio Lower Upper

266 100

268 64.7 50.6 76.0

264 61.8 49.4 74.0

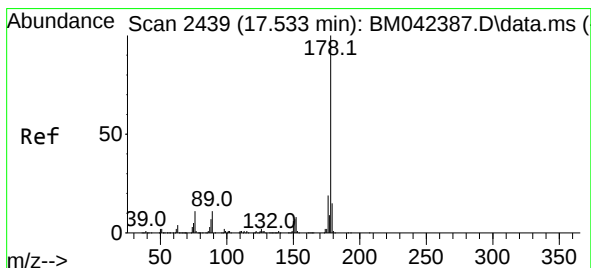
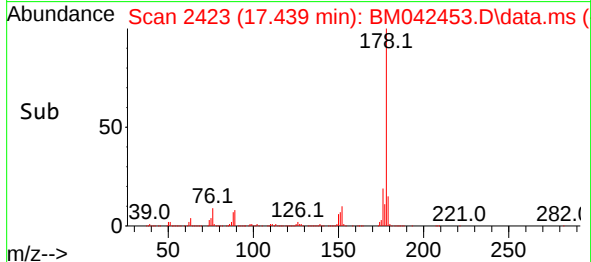
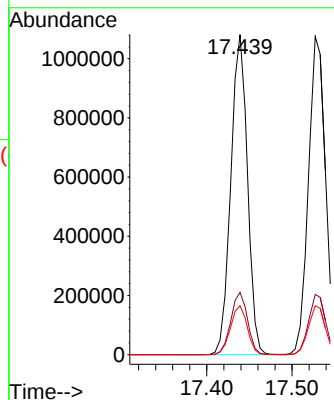
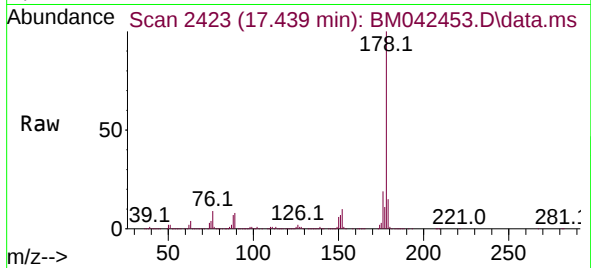




#71
Phenanthrene
Concen: 39.568 ng
RT: 17.439 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

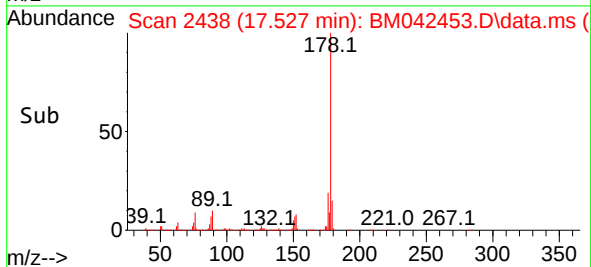
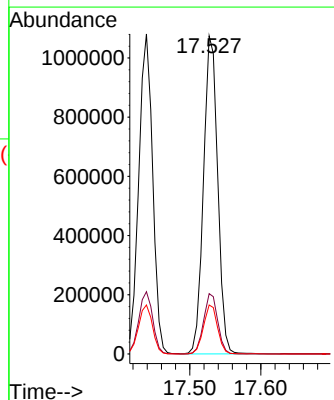
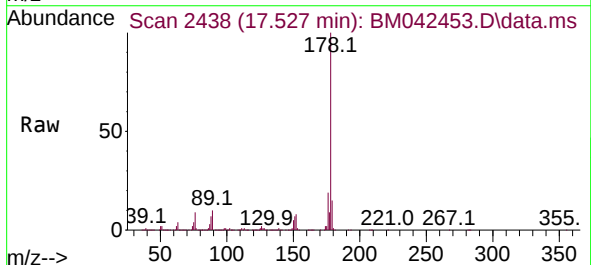
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

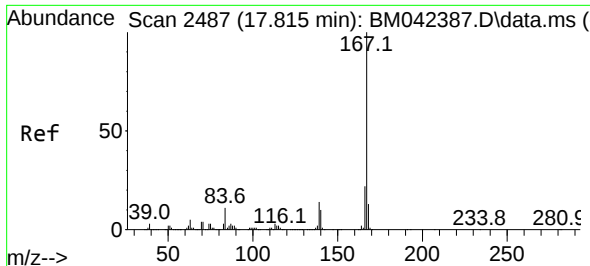
Tgt Ion:178 Resp: 1465424
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.3 18.5



#72
Anthracene
Concen: 40.753 ng
RT: 17.527 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:178 Resp: 1494807
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.1 18.1

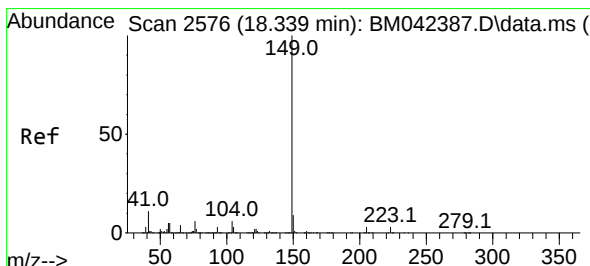
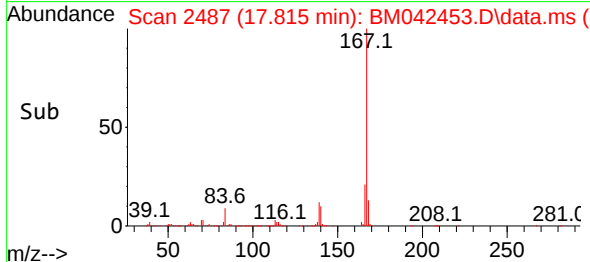
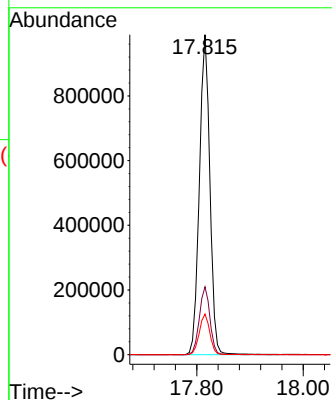
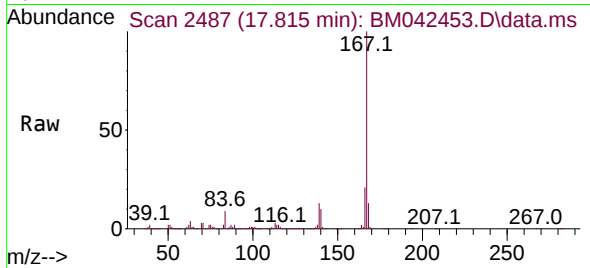




#73
 Carbazole
 Concen: 39.321 ng
 RT: 17.815 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BM042453.D
 Acq: 26 Oct 2023 15:22

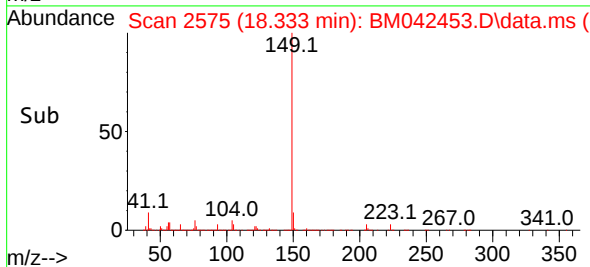
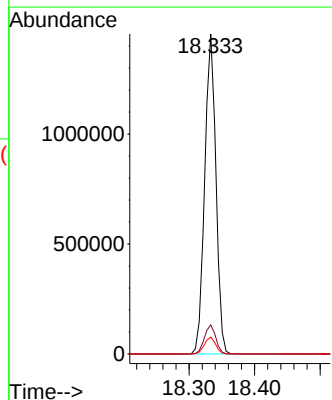
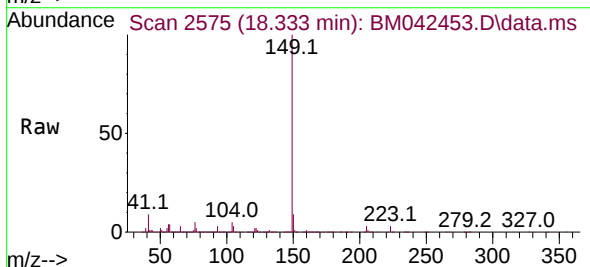
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

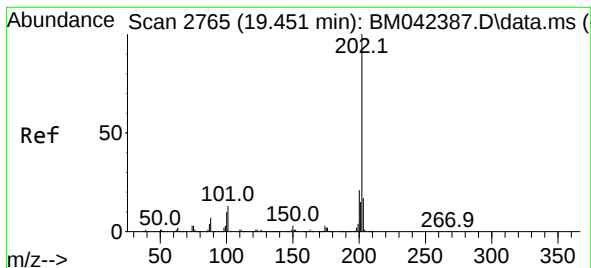
Tgt Ion:167 Resp: 1353040
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.234 ng
 RT: 18.333 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM042453.D
 Acq: 26 Oct 2023 15:22

Tgt Ion:149 Resp: 1731992
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.6 7.0





#75

Fluoranthene

Concen: 41.665 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

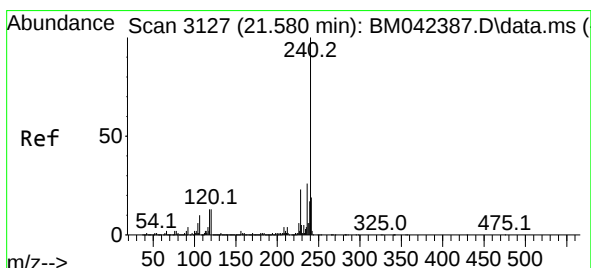
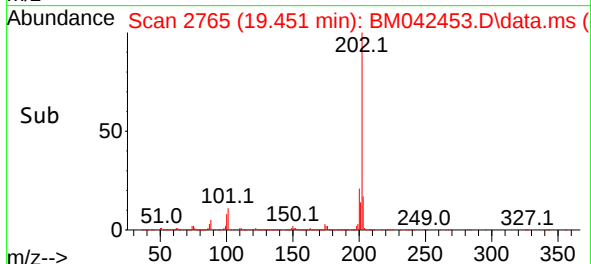
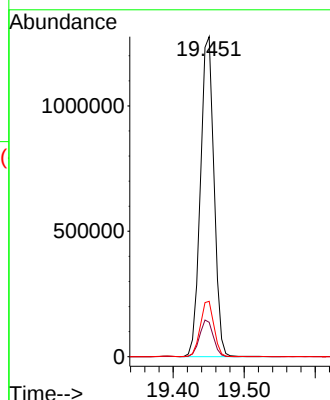
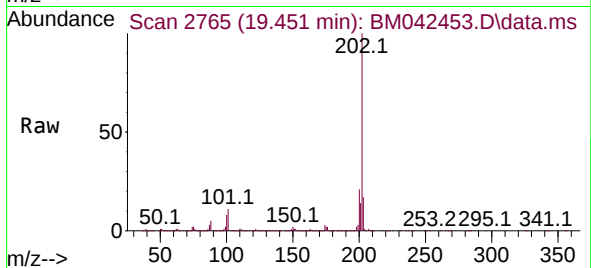
Tgt Ion:202 Resp: 1699482

Ion Ratio Lower Upper

202 100

101 10.8 0.0 33.3

203 17.3 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: BM042453.D

Acq: 26 Oct 2023 15:22

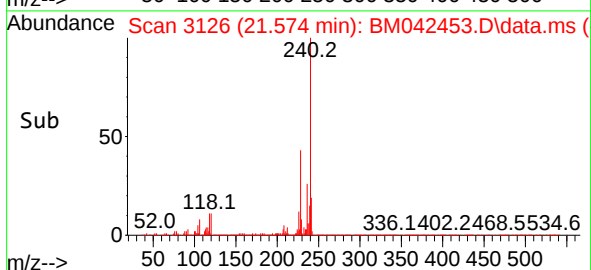
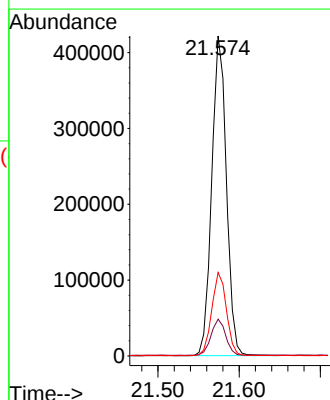
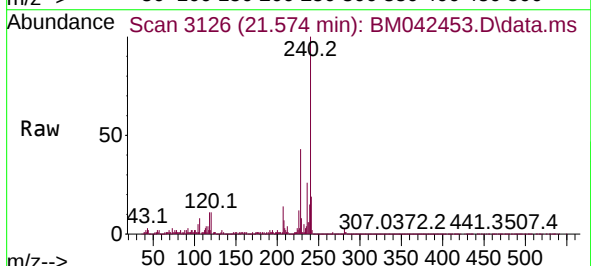
Tgt Ion:240 Resp: 526949

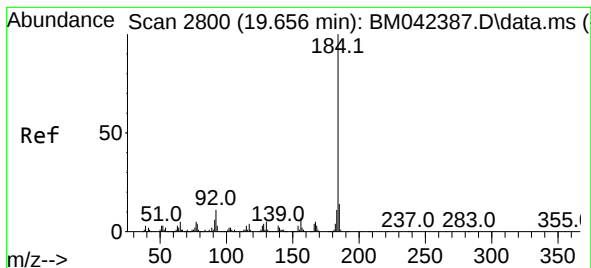
Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

236 26.1 20.7 31.1





#77

Benzidine

Concen: 57.226 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

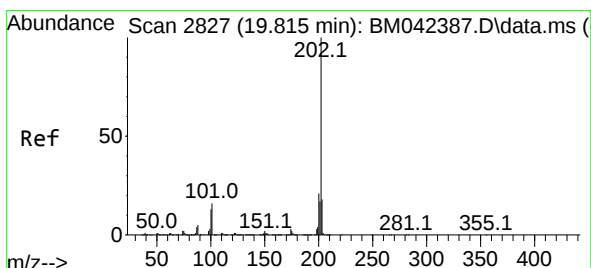
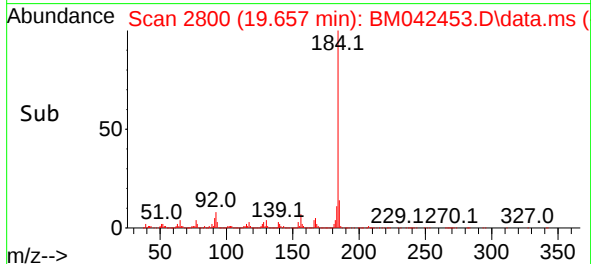
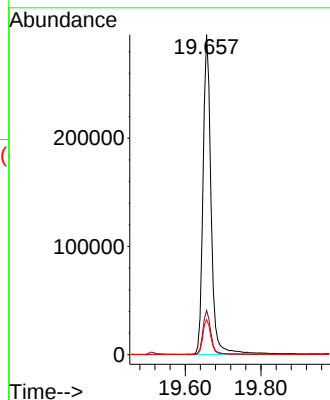
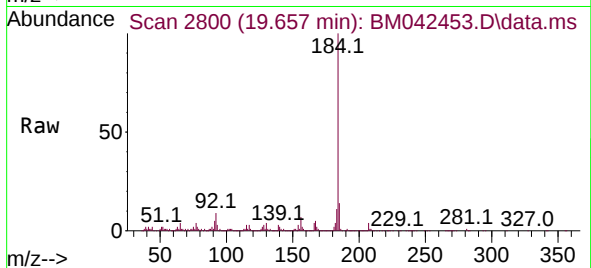
Tgt Ion:184 Resp: 436169

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

183 10.9 9.2 13.8



#78

Pyrene

Concen: 47.075 ng

RT: 19.815 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

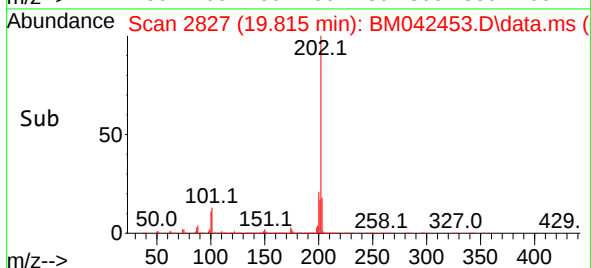
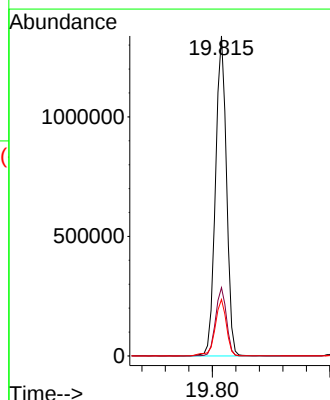
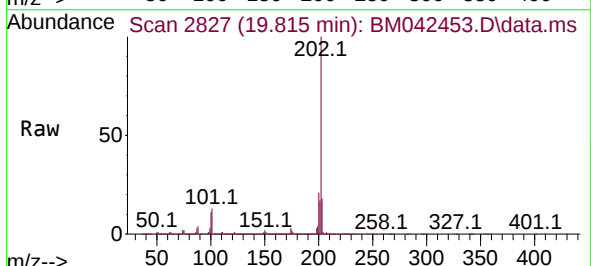
Tgt Ion:202 Resp: 1733449

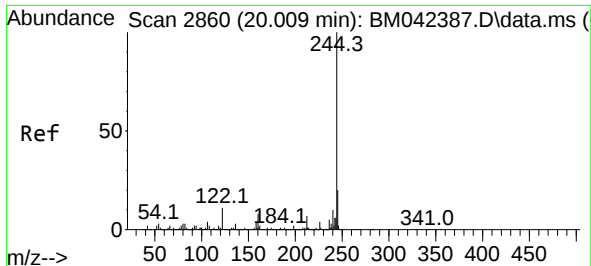
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.6 14.1 21.1

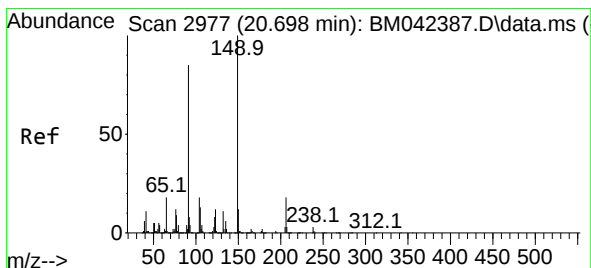
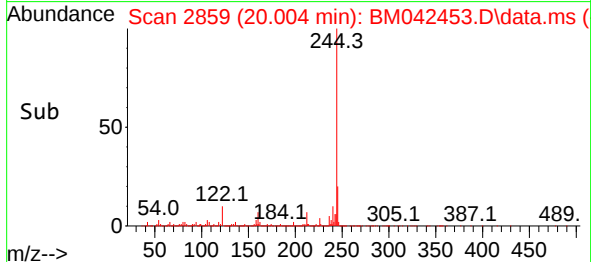
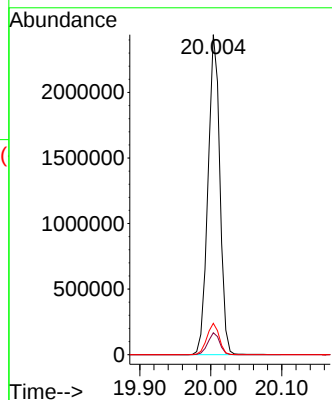
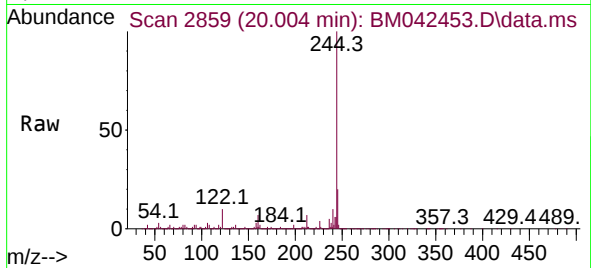




#79
 Terphenyl-d14
 Concen: 95.452 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042453.D
 Acq: 26 Oct 2023 15:22

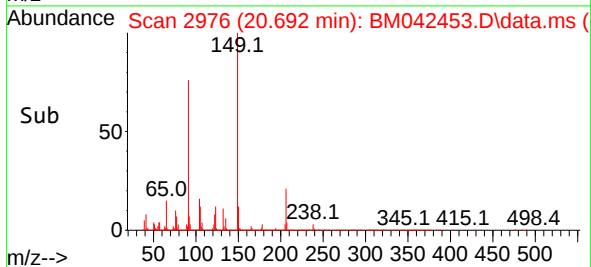
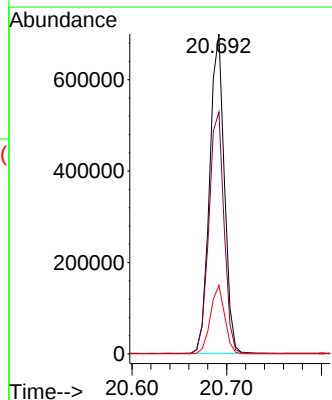
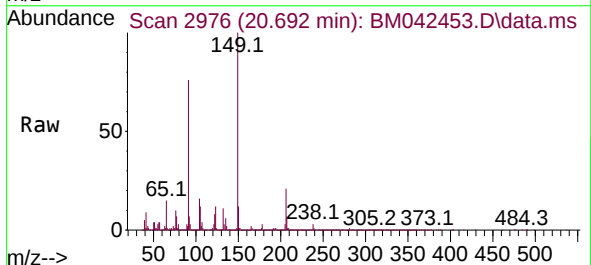
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

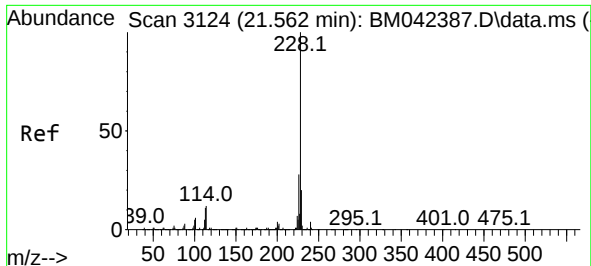
Tgt Ion:244 Resp: 2836117
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 45.297 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042453.D
 Acq: 26 Oct 2023 15:22

Tgt Ion:149 Resp: 752798
 Ion Ratio Lower Upper
 149 100
 91 75.6 68.3 102.5
 206 21.5 14.6 22.0

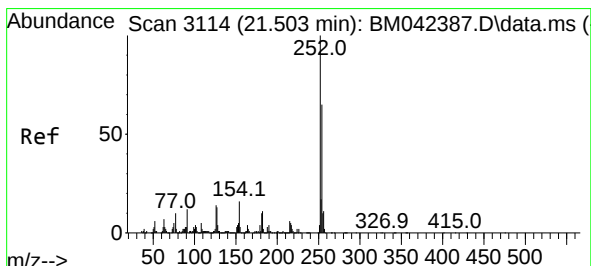
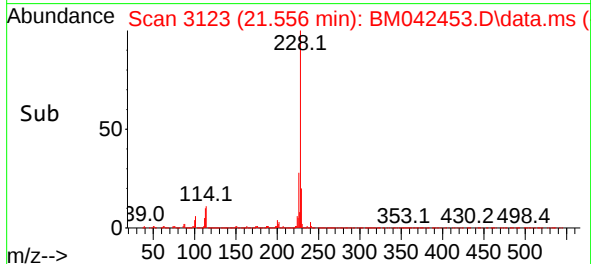
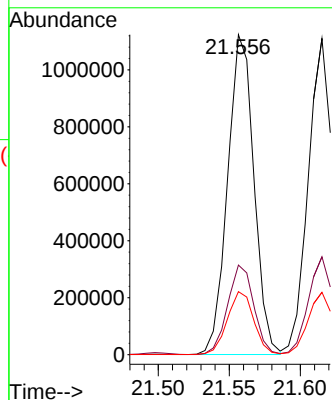
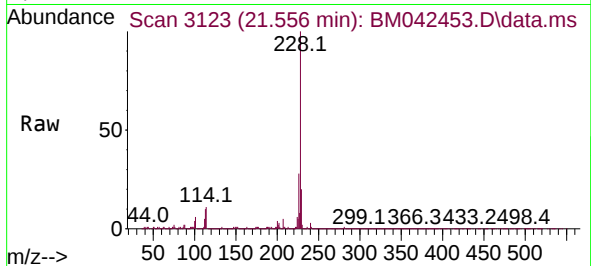




#81
Benzo(a)anthracene
Concen: 41.022 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

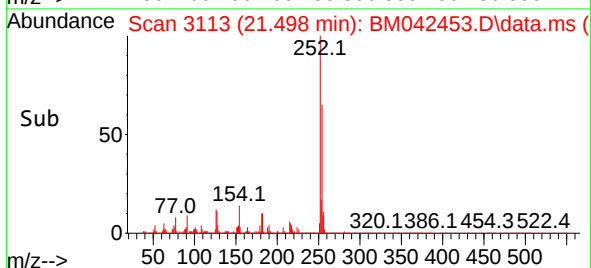
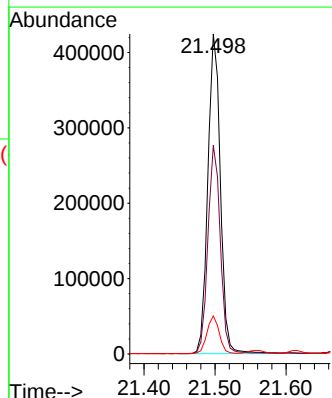
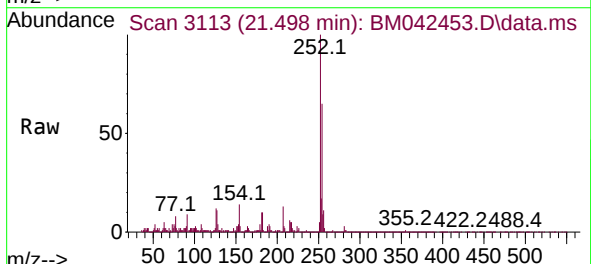
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

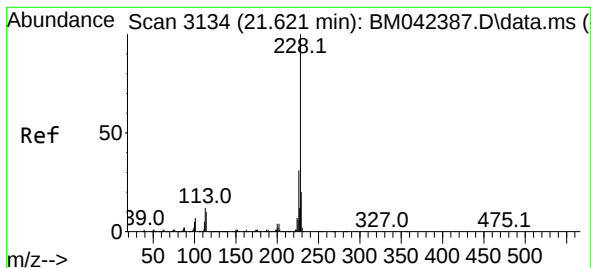
Tgt Ion:228 Resp: 1449134
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 49.474 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:252 Resp: 521719
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.2
126 11.9 11.4 17.2





#83

Chrysene

Concen: 40.045 ng

RT: 21.615 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

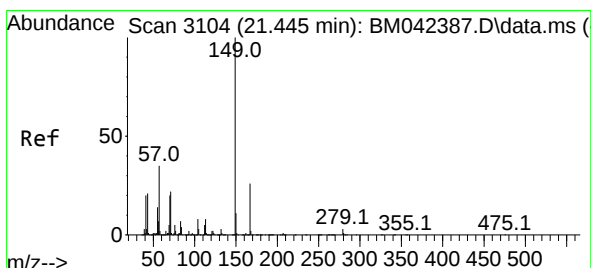
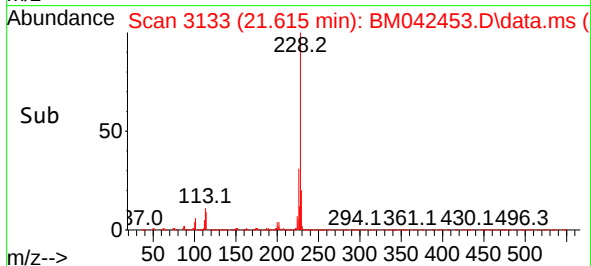
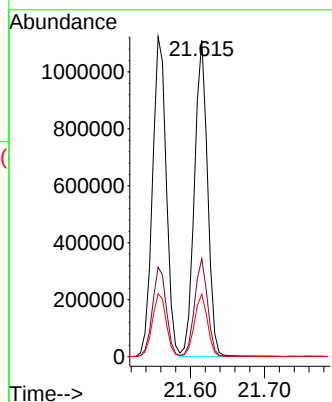
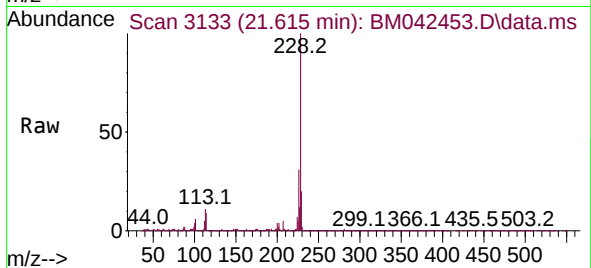
Tgt Ion:228 Resp: 1358676

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.774 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

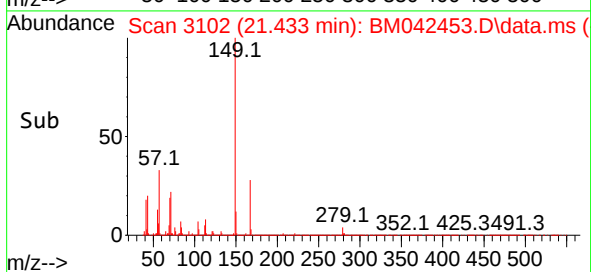
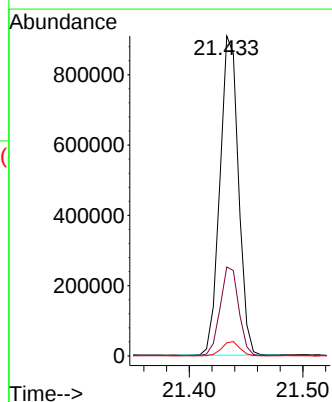
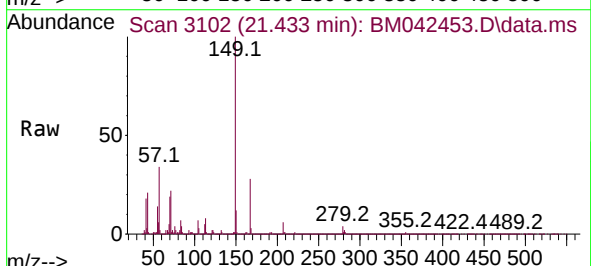
Tgt Ion:149 Resp: 1031152

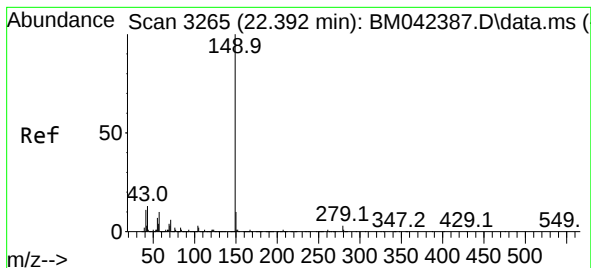
Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 4.1 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 42.885 ng

RT: 22.380 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

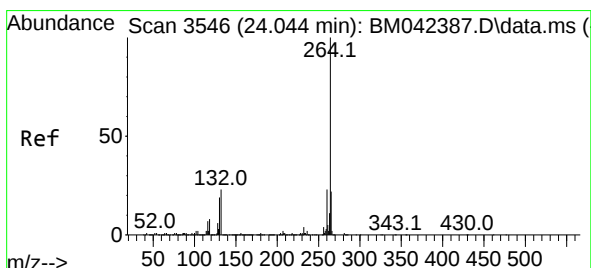
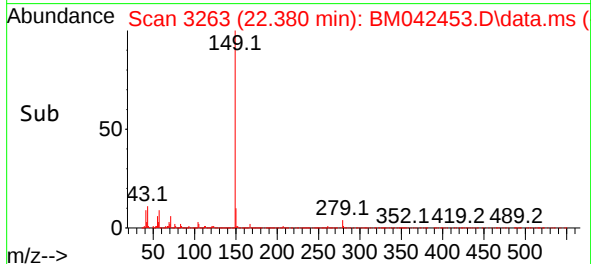
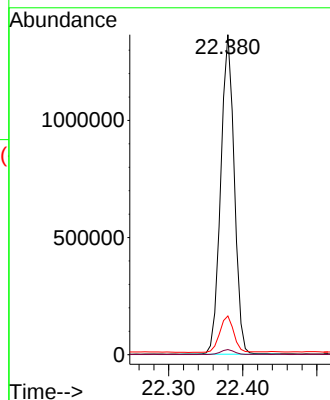
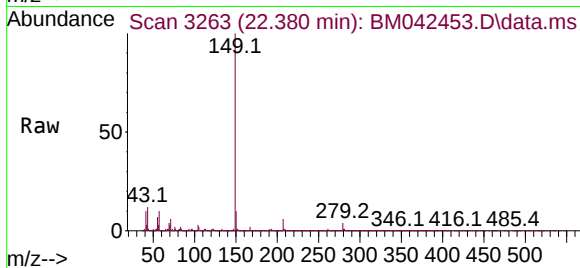
Tgt Ion:149 Resp: 1733760

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.7 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.039 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

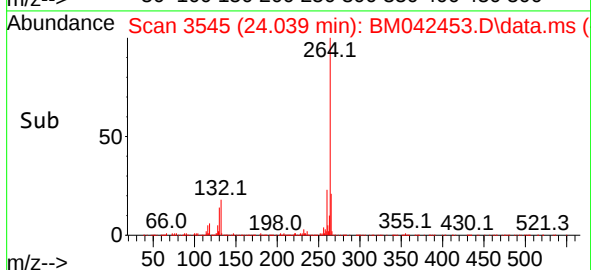
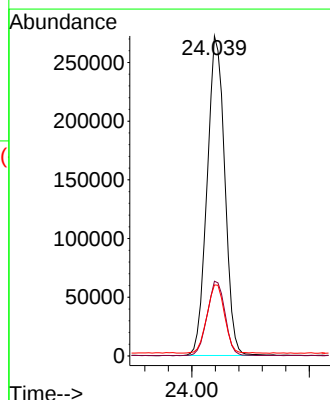
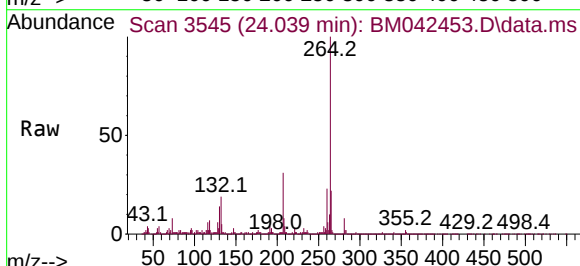
Tgt Ion:264 Resp: 566483

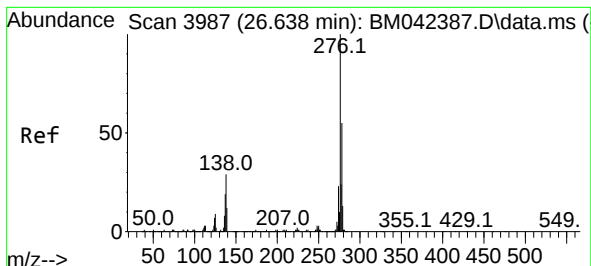
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.436 ng

RT: 26.633 min Scan# 3987

Delta R.T. -0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

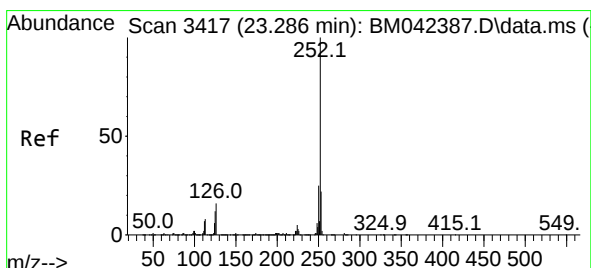
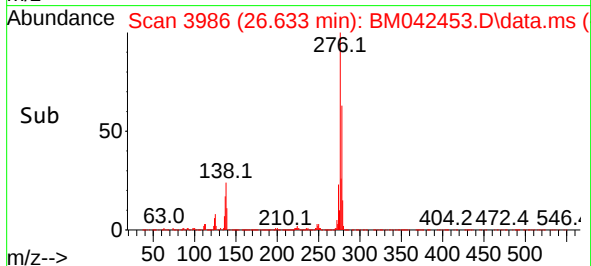
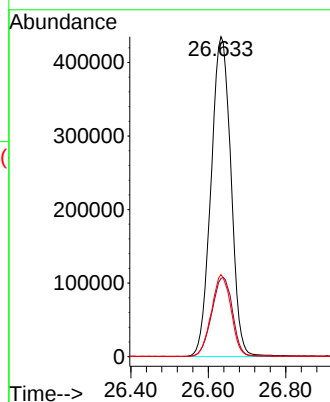
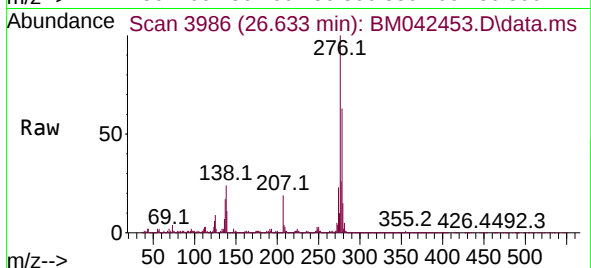
Tgt Ion:276 Resp: 1549774

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 38.923 ng

RT: 23.280 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

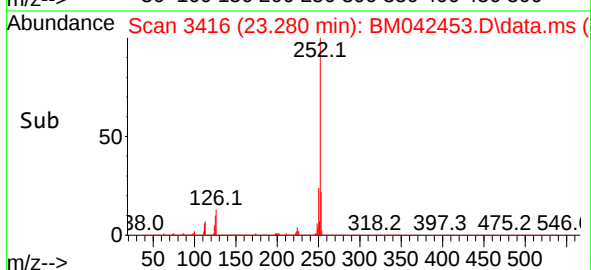
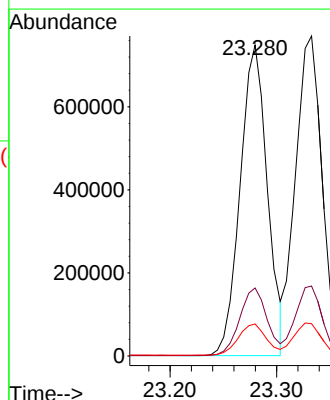
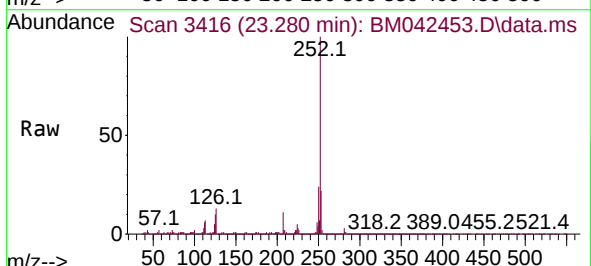
Tgt Ion:252 Resp: 1327209

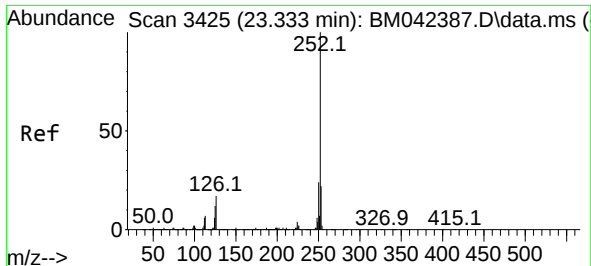
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 10.3 9.8 14.8

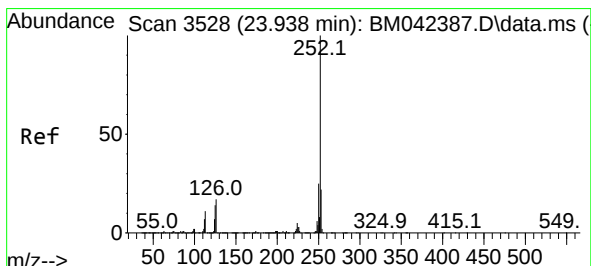
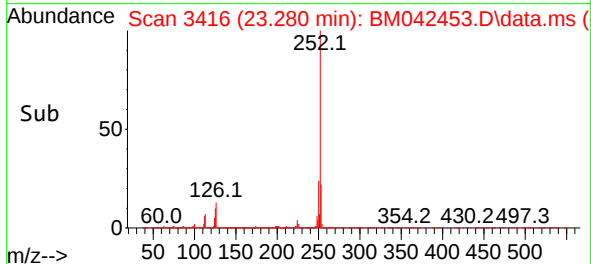
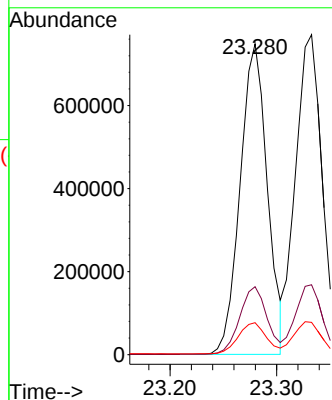
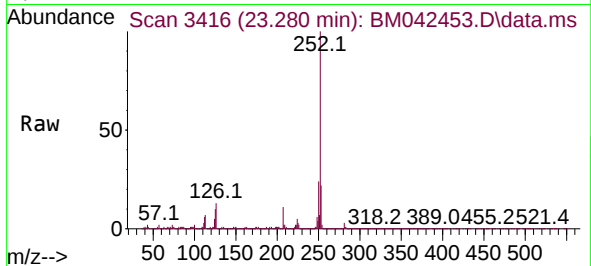




#89
Benzo(k)fluoranthene
Concen: 37.490 ng
RT: 23.280 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

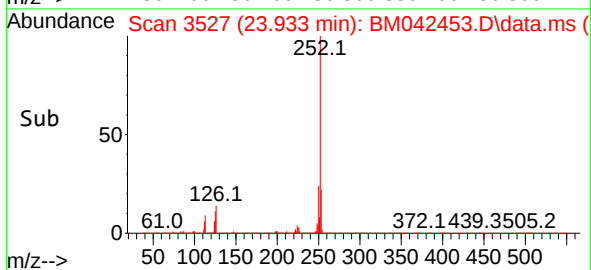
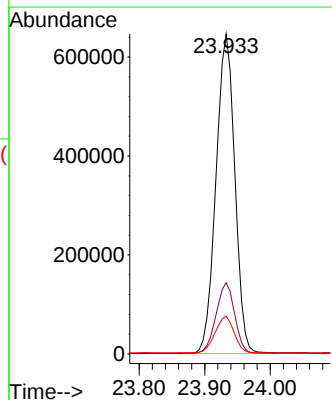
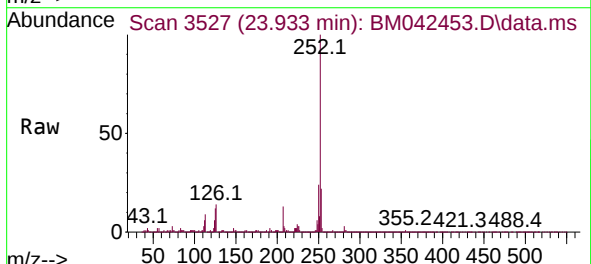
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

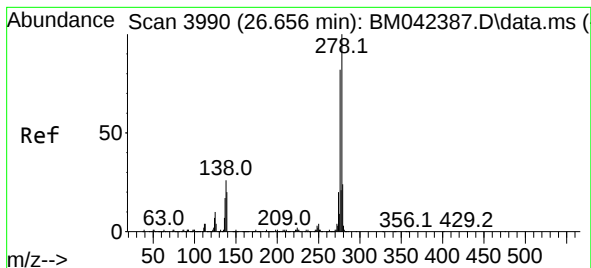
Tgt Ion:252 Resp: 1327209
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.3 10.2 15.2



#90
Benzo(a)pyrene
Concen: 39.242 ng
RT: 23.933 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BM042453.D
Acq: 26 Oct 2023 15:22

Tgt Ion:252 Resp: 1287908
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 37.562 ng

RT: 26.650 min Scan# 3990

Delta R.T. -0.006 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

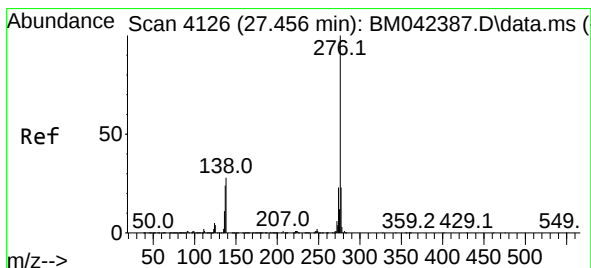
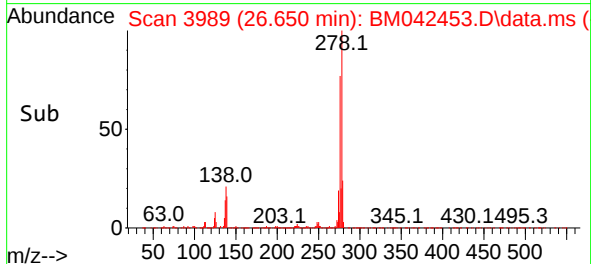
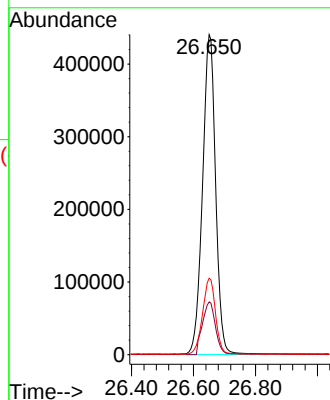
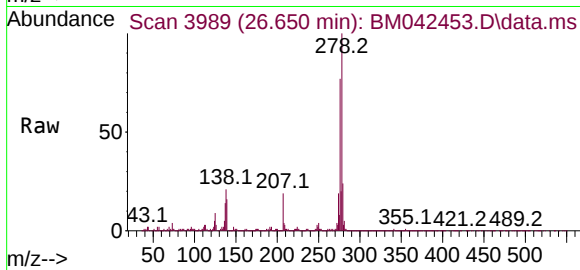
Tgt Ion:278 Resp: 1292855

Ion Ratio Lower Upper

278 100

139 16.5 15.6 23.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 37.995 ng

RT: 27.444 min Scan# 4124

Delta R.T. -0.012 min

Lab File: BM042453.D

Acq: 26 Oct 2023 15:22

Tgt Ion:276 Resp: 1270045

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 22.0 22.6 34.0#

