

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
 Data File : BM041216.D
 Acq On : 01 Aug 2023 09:32
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 01:53:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	155403	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	615415	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	378771	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	815950	20.000	ng	0.00
76) Chrysene-d12	21.427	240	711373	20.000	ng	0.00
86) Perylene-d12	23.797	264	786689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	779169	74.936	ng	0.00
7) Phenol-d6	6.981	99	1045875	77.599	ng	0.00
23) Nitrobenzene-d5	8.975	82	1022187	77.243	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	494049	92.216	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2350763	78.401	ng	0.00
79) Terphenyl-d14	19.862	244	3567038	90.661	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	149137	33.529	ng	98
3) Pyridine	3.669	79	429631	36.735	ng	97
4) n-Nitrosodimethylamine	3.581	42	182669	33.771	ng	91
6) Aniline	7.134	93	627657	39.793	ng	99
8) 2-Chlorophenol	7.363	128	405729	39.971	ng	99
9) Benzaldehyde	6.945	77	265190	37.289	ng	98
10) Phenol	7.010	94	508484	39.062	ng	100
11) bis(2-Chloroethyl)ether	7.234	93	420821	39.937	ng	96
12) 1,3-Dichlorobenzene	7.681	146	441507	39.958	ng	99
13) 1,4-Dichlorobenzene	7.834	146	445799	40.141	ng	99
14) 1,2-Dichlorobenzene	8.151	146	431712	40.542	ng	98
15) Benzyl Alcohol	8.057	79	386255	45.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.339	45	536222	38.194	ng	96
17) 2-Methylphenol	8.257	107	371970	41.825	ng	100
18) Hexachloroethane	8.869	117	173021	41.847	ng	91
19) n-Nitroso-di-n-propyla...	8.622	70	359605	43.927	ng	96
20) 3+4-Methylphenols	8.592	107	510864	42.962	ng	98
22) Acetophenone	8.639	105	645049	39.576	ng	# 98
24) Nitrobenzene	9.016	77	514664	38.457	ng	100
25) Isophorone	9.545	82	976722	43.479	ng	99
26) 2-Nitrophenol	9.728	139	240367	45.945	ng	94
27) 2,4-Dimethylphenol	9.792	122	382341	41.532	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	573866	40.782	ng	99
29) 2,4-Dichlorophenol	10.263	162	406407	43.777	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	432090	42.126	ng	99
31) Naphthalene	10.657	128	1314703	39.367	ng	100
32) Benzoic acid	9.963	122	325473	47.212	ng	97
33) 4-Chloroaniline	10.786	127	575113	43.092	ng	98
34) Hexachlorobutadiene	10.928	225	276964	44.897	ng	99
35) Caprolactam	11.610	113	131662	49.025	ng	# 85
36) 4-Chloro-3-methylphenol	11.922	107	433932	44.409	ng	97
37) 2-Methylnaphthalene	12.274	142	949971	42.193	ng	99
38) 1-Methylnaphthalene	12.498	142	885668	42.029	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	501308	40.760	ng	98
41) Hexachlorocyclopentadiene	12.610	237	274999	42.263	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	346969	44.015	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	400361	43.880	ng	98
46) 1,1'-Biphenyl	13.298	154	1194671	38.906	ng	99
47) 2-Chloronaphthalene	13.339	162	904589	39.454	ng	99
48) 2-Nitroaniline	13.563	65	306017	41.814	ng	94
49) Acenaphthylene	14.186	152	1478300	39.946	ng	100
50) Dimethylphthalate	13.933	163	1209618	42.455	ng	100
51) 2,6-Dinitrotoluene	14.063	165	261958	44.373	ng	94
52) Acenaphthene	14.533	154	878389	39.400	ng	100
53) 3-Nitroaniline	14.398	138	274830	40.648	ng	94
54) 2,4-Dinitrophenol	14.610	184	164443	44.075	ng	91
55) Dibenzofuran	14.868	168	1440479	39.602	ng	98
56) 4-Nitrophenol	14.715	139	215985	43.898	ng	95
57) 2,4-Dinitrotoluene	14.857	165	352277	42.131	ng	93
58) Fluorene	15.521	166	1163425	40.545	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	327987	44.393	ng	97
60) Diethylphthalate	15.298	149	1269625	46.079	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	625569	43.505	ng	97
62) 4-Nitroaniline	15.563	138	252373	40.766	ng	98
63) Azobenzene	15.810	77	1226085	40.624	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	219682	44.443	ng	89
66) n-Nitrosodiphenylamine	15.739	169	991800	39.083	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	386543	43.207	ng	98
68) Hexachlorobenzene	16.521	284	418386	42.058	ng	98
69) Atrazine	16.698	200	302753	45.429	ng	100
70) Pentachlorophenol	16.874	266	308144	44.733	ng	99
71) Phenanthrene	17.268	178	1766899	38.975	ng	100
72) Anthracene	17.357	178	1809845	40.365	ng	100
73) Carbazole	17.639	167	1606245	39.580	ng	100
74) Di-n-butylphthalate	18.198	149	2272991	49.566	ng	99
75) Fluoranthene	19.292	202	2104174	41.313	ng	99
77) Benzidine	19.492	184	390180	40.242	ng	100
78) Pyrene	19.656	202	2154133	43.302	ng	100
80) Butylbenzylphthalate	20.562	149	978135	53.842	ng	94
81) Benzo(a)anthracene	21.415	228	2017742	41.840	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	706231	44.879	ng	99
83) Chrysene	21.468	228	1897101	40.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1505345	51.957	ng	97
85) Di-n-octyl phthalate	22.250	149	2380659	51.851	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	2267192	39.199	ng	96
88) Benzo(b)fluoranthene	23.080	252	1884011	40.313	ng	98
89) Benzo(k)fluoranthene	23.127	252	1914355	40.045	ng	99
90) Benzo(a)pyrene	23.697	252	1824535	40.631	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	1915814	39.712	ng	98
92) Benzo(g,h,i)perylene	27.009	276	1810855	38.362	ng	97

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

BNA M

ClientSampleId :
SSTDCCC040

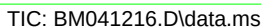
Quant Time: Aug 02 01:53:49 2023

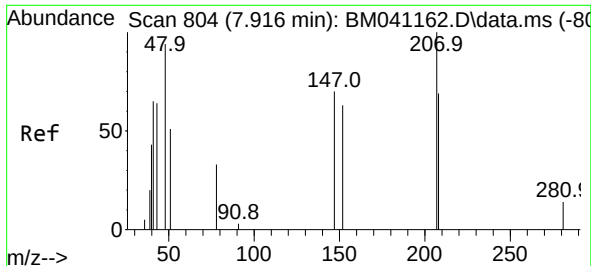
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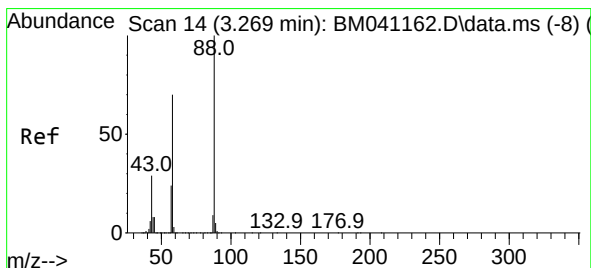
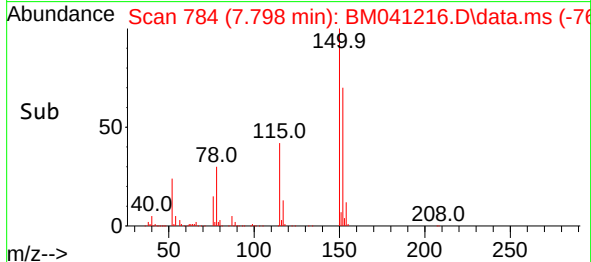
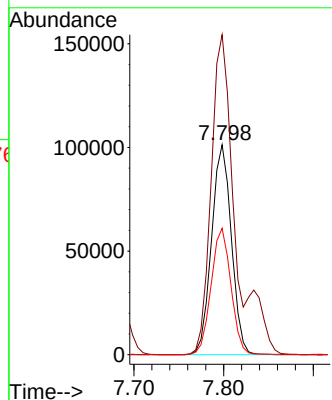
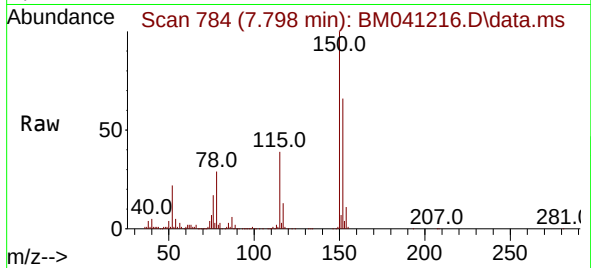




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

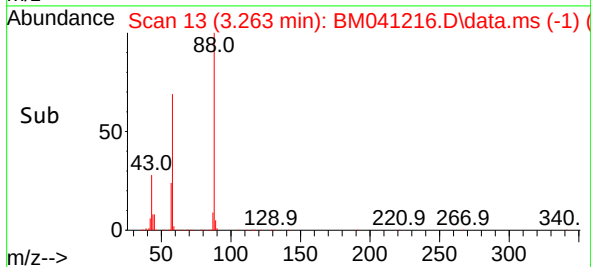
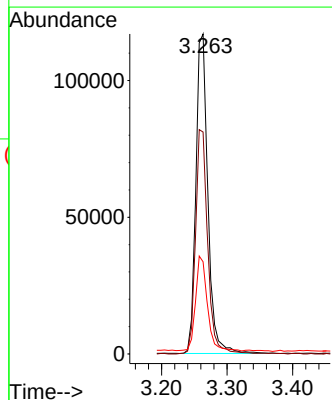
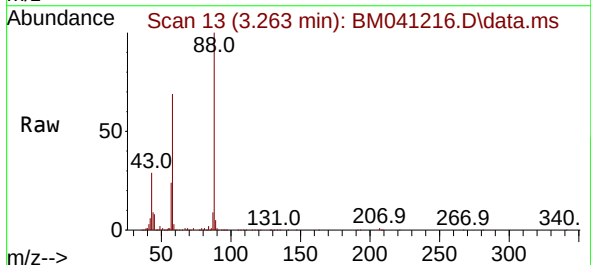
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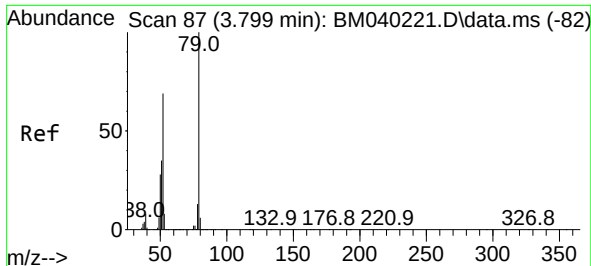
Tgt Ion:152 Resp: 155403
Ion Ratio Lower Upper
152 100
150 152.4 125.5 188.3
115 60.2 48.0 72.0



#2
1,4-Dioxane
Concen: 33.529 ng
RT: 3.263 min Scan# 13
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 88 Resp: 149137
Ion Ratio Lower Upper
88 100
58 71.3 58.2 87.4
43 29.1 24.4 36.6

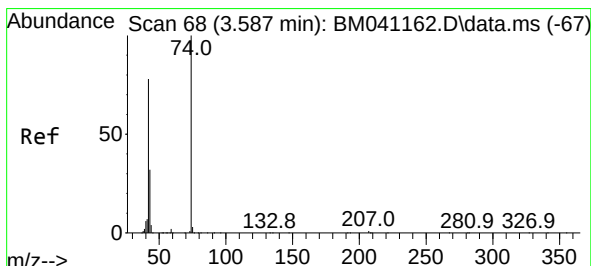
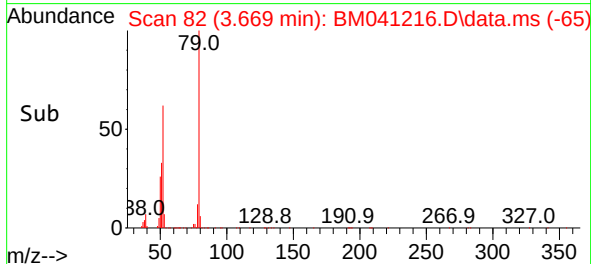
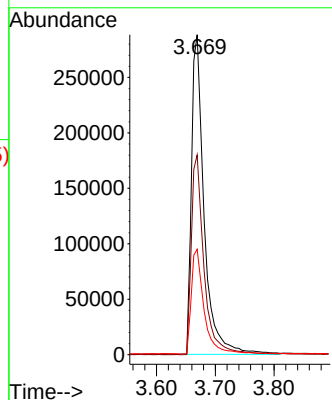
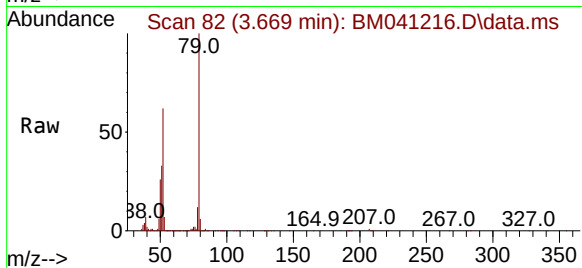




#3
 Pyridine
 Concen: 36.735 ng
 RT: 3.669 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041216.D
 Acq: 01 Aug 2023 09:32

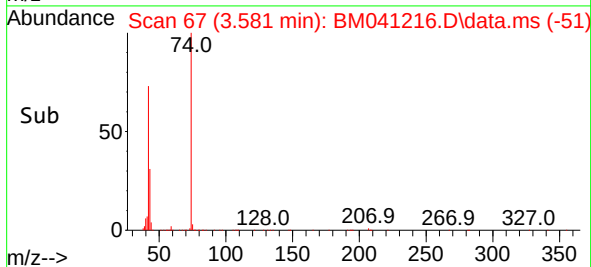
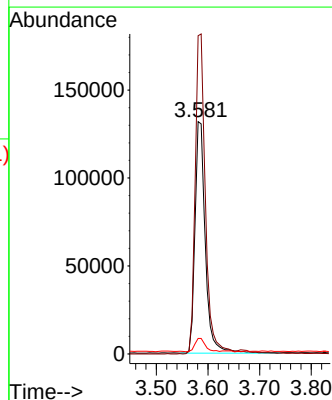
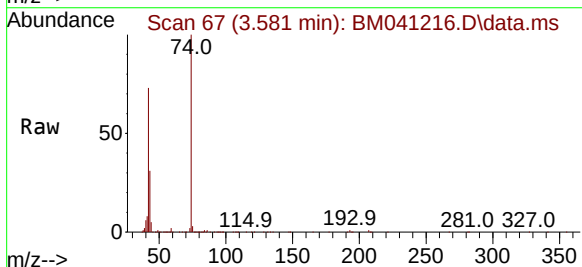
Instrument :
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 SSTDCCC040

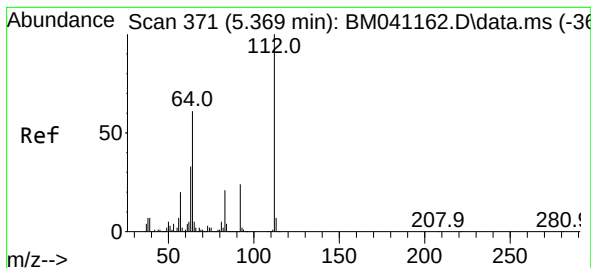
Tgt Ion: 79 Resp: 429631
 Ion Ratio Lower Upper
 79 100
 52 62.4 52.1 78.1
 51 32.9 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 33.771 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BM041216.D
 Acq: 01 Aug 2023 09:32

Tgt Ion: 42 Resp: 182669
 Ion Ratio Lower Upper
 42 100
 74 137.0 100.8 151.2
 44 6.7 5.0 7.4





#5

2-Fluorophenol

Concen: 74.936 ng

RT: 5.369 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

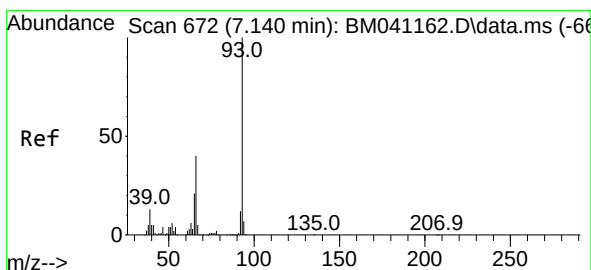
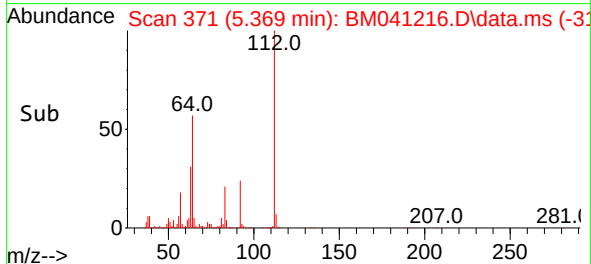
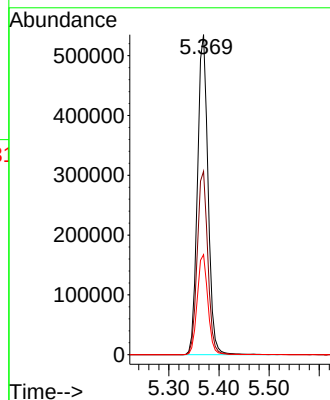
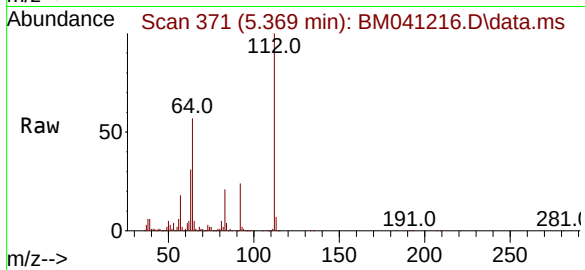
Tgt Ion:112 Resp: 779169

Ion Ratio Lower Upper

112 100

64 57.3 48.5 72.7

63 31.2 26.5 39.7



#6

Aniline

Concen: 39.793 ng

RT: 7.134 min Scan# 671

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

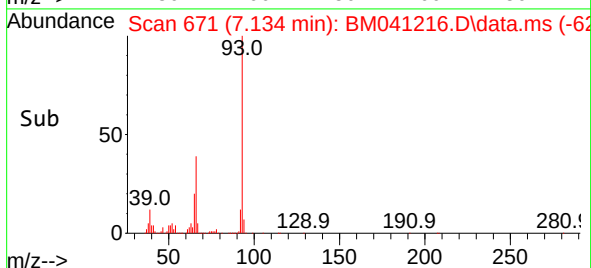
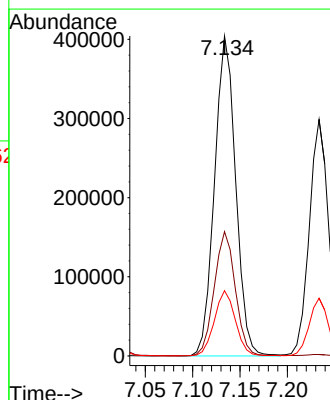
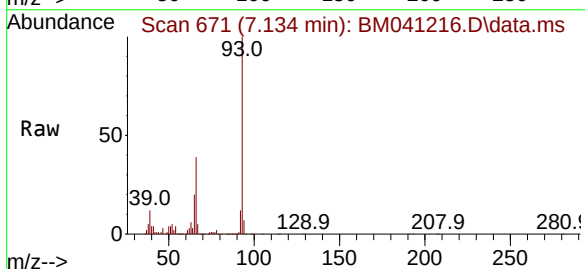
Tgt Ion: 93 Resp: 627657

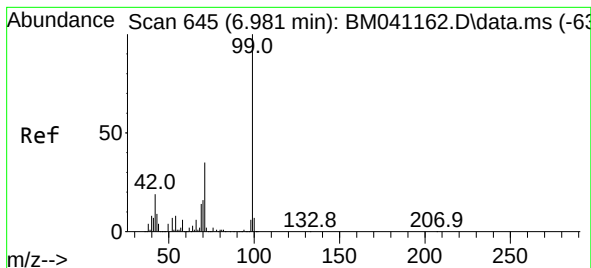
Ion Ratio Lower Upper

93 100

66 38.9 32.0 48.0

65 20.4 16.6 24.8





#7

Phenol-d6

Concen: 77.599 ng

RT: 6.981 min Scan# 645

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

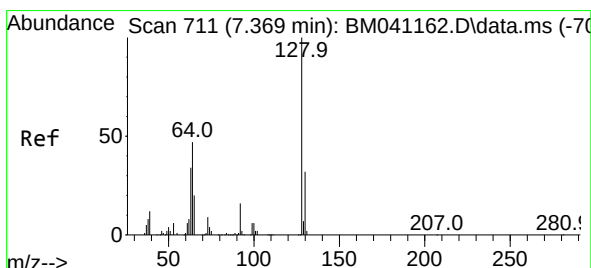
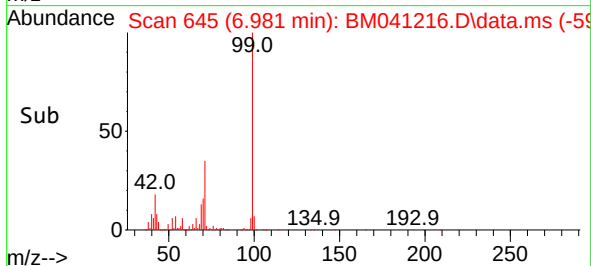
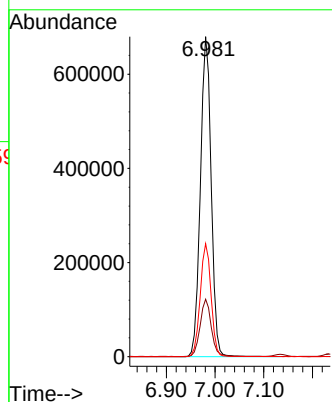
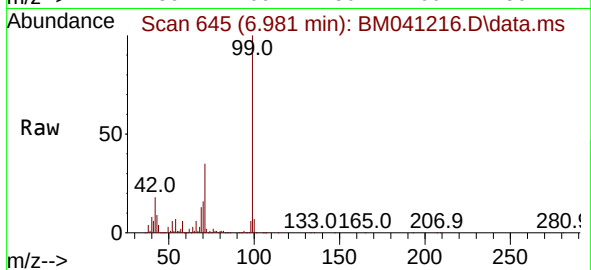
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1045875

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	35.3	28.2	42.4



#8

2-Chlorophenol

Concen: 39.971 ng

RT: 7.363 min Scan# 710

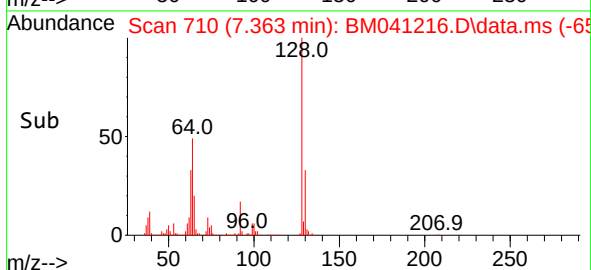
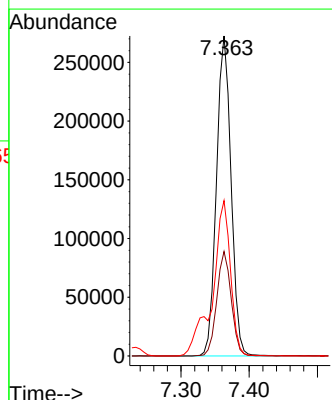
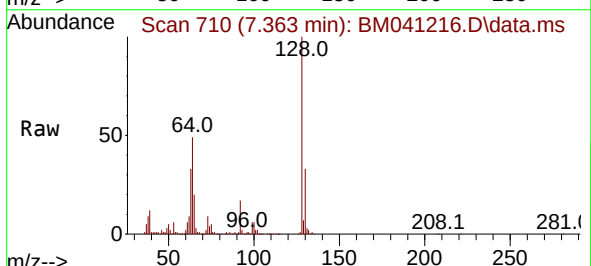
Delta R.T. -0.000 min

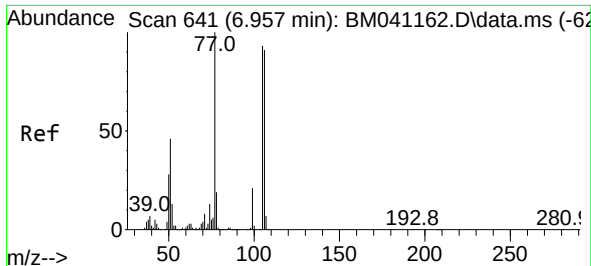
Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Tgt Ion: 128 Resp: 405729

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	48.6	29.3	69.3

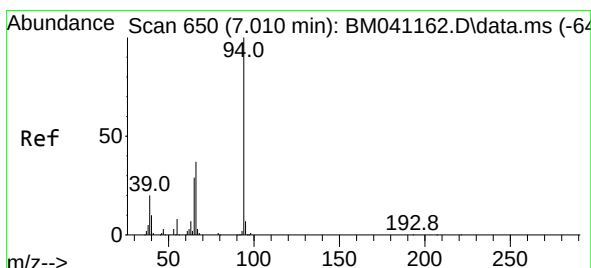
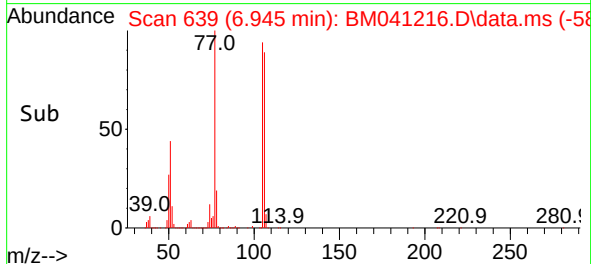
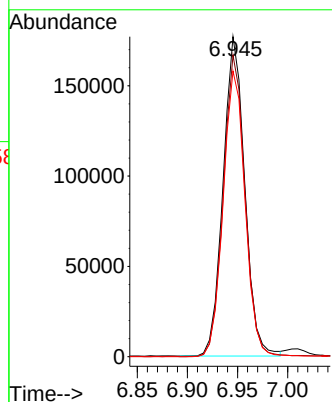
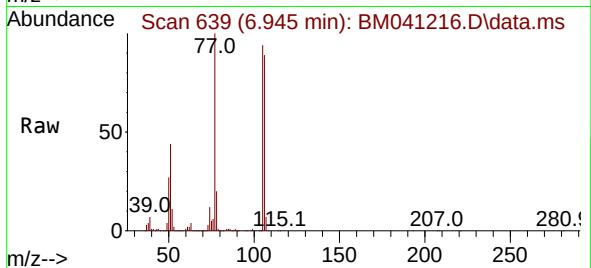




#9
Benzaldehyde
Concen: 37.289 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

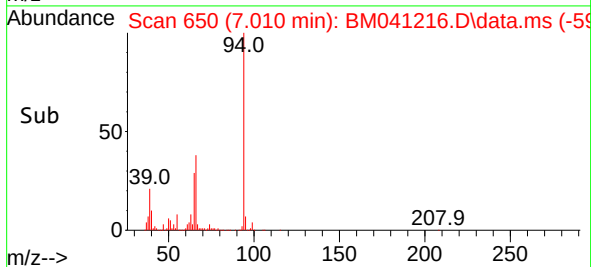
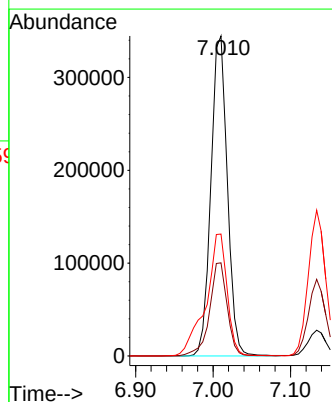
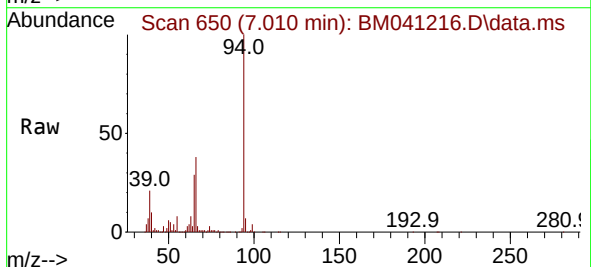
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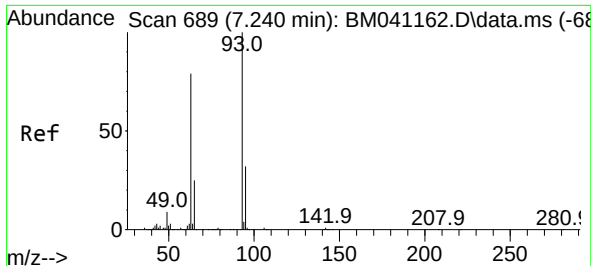
Tgt Ion: 77 Resp: 265190
Ion Ratio Lower Upper
77 100
105 94.2 72.8 112.8
106 89.3 70.8 110.8



#10
Phenol
Concen: 39.062 ng
RT: 7.010 min Scan# 650
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 94 Resp: 508484
Ion Ratio Lower Upper
94 100
65 29.1 9.5 49.5
66 38.1 18.0 58.0

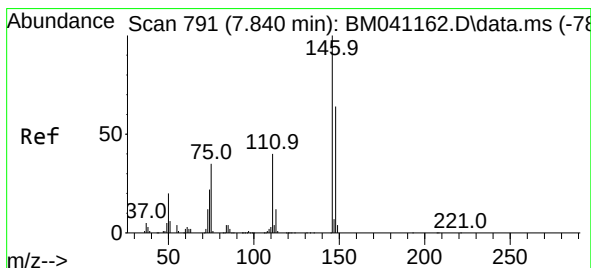
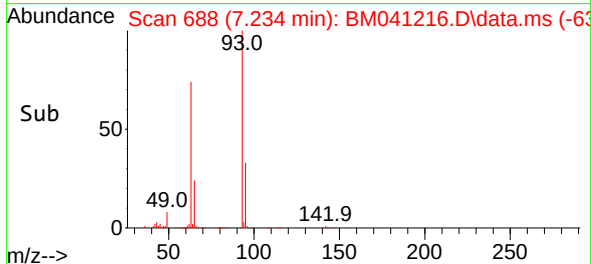
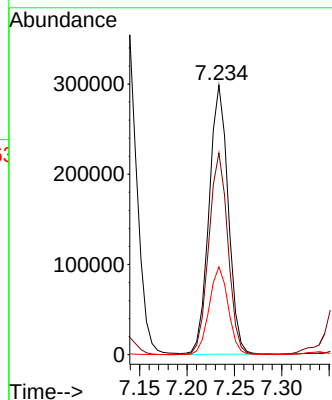
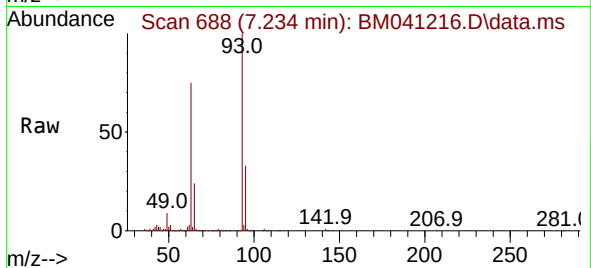




#11
bis(2-Chloroethyl)ether
Concen: 39.937 ng
RT: 7.234 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

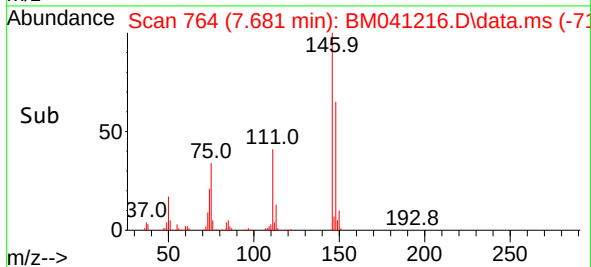
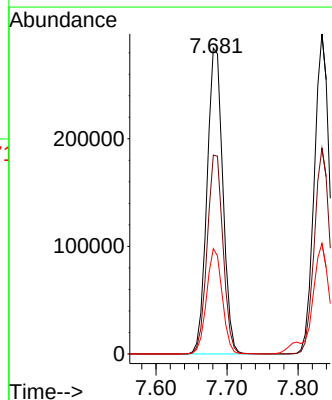
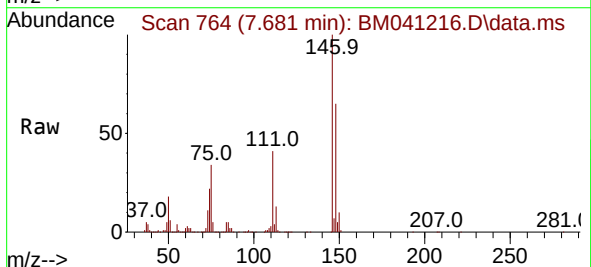
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

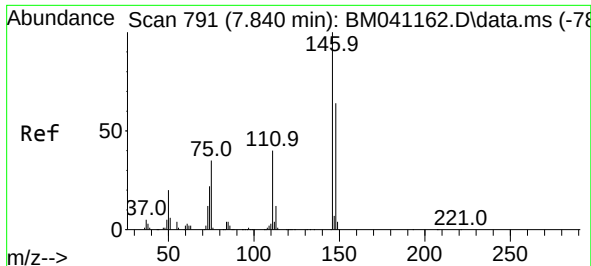
Tgt Ion: 93 Resp: 420821
Ion Ratio Lower Upper
93 100
63 74.9 58.8 98.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.958 ng
RT: 7.681 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 146 Resp: 441507
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 34.4 28.3 42.5

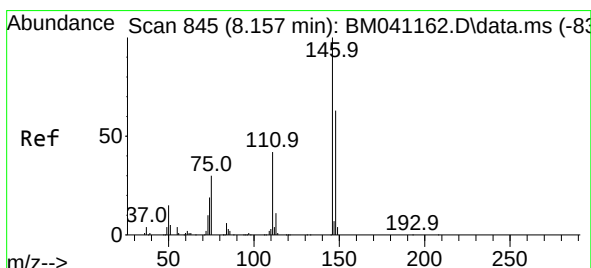
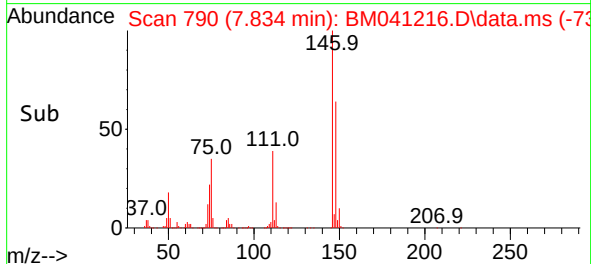
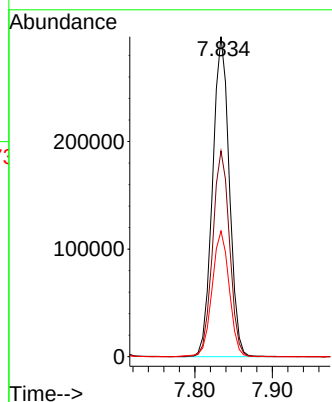
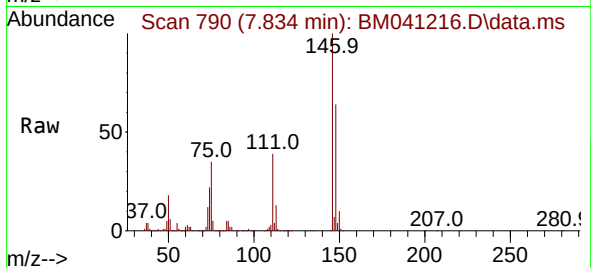




#13
1,4-Dichlorobenzene
Concen: 40.141 ng
RT: 7.834 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

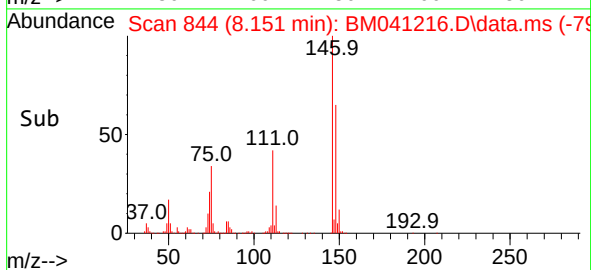
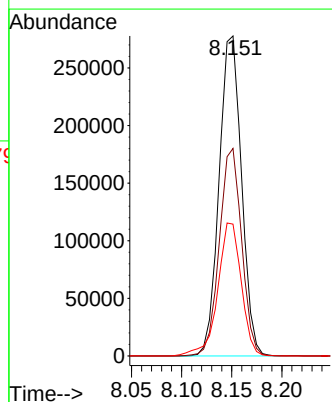
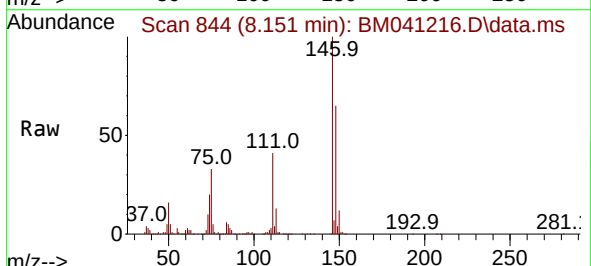
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

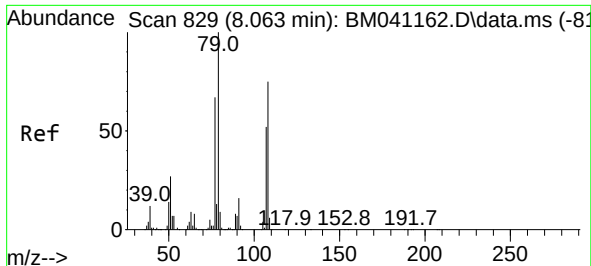
Tgt Ion:146 Resp: 445799
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 39.2 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 40.542 ng
RT: 8.151 min Scan# 844
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:146 Resp: 431712
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 41.2 33.8 50.6

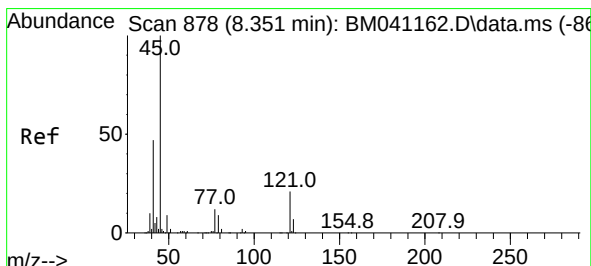
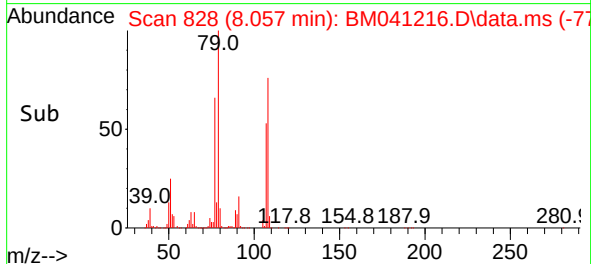
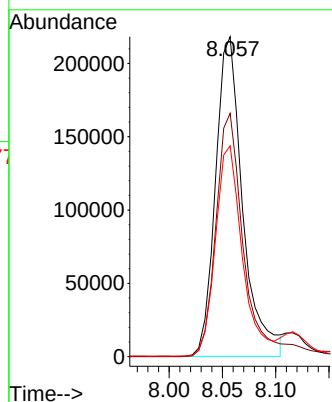
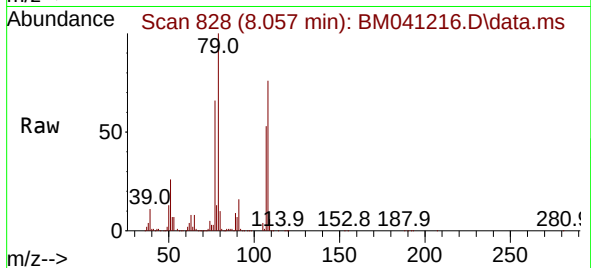




#15
Benzyl Alcohol
Concen: 45.380 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

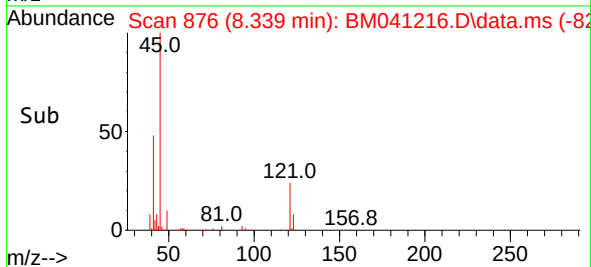
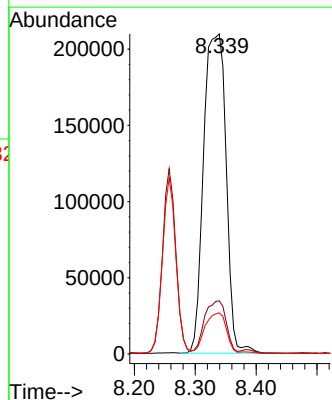
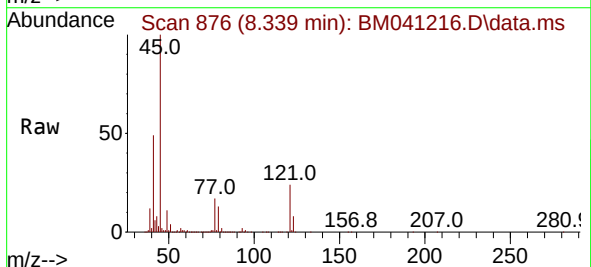
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

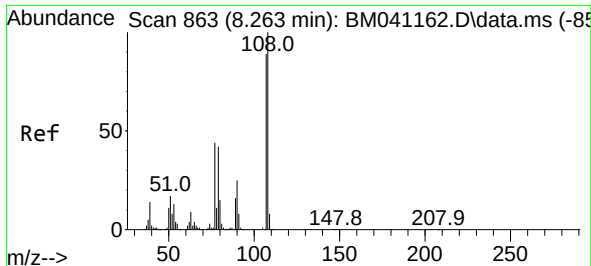
Tgt Ion: 79 Resp: 386255
Ion Ratio Lower Upper
79 100
108 76.0 59.8 89.8
77 65.9 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.194 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 45 Resp: 536222
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.5
79 12.8 0.0 32.1





#17

2-Methylphenol

Concen: 41.825 ng

RT: 8.257 min Scan# 8

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 371970

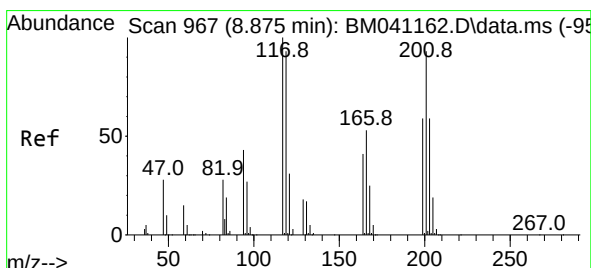
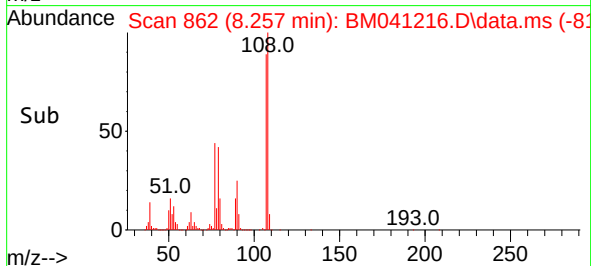
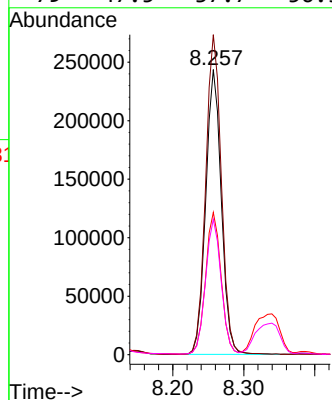
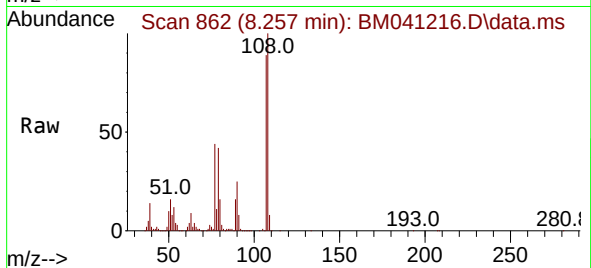
Ion Ratio Lower Upper

107 100

108 112.2 89.9 134.9

77 49.9 39.8 59.8

79 47.5 37.7 56.5



#18

Hexachloroethane

Concen: 41.847 ng

RT: 8.869 min Scan# 966

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

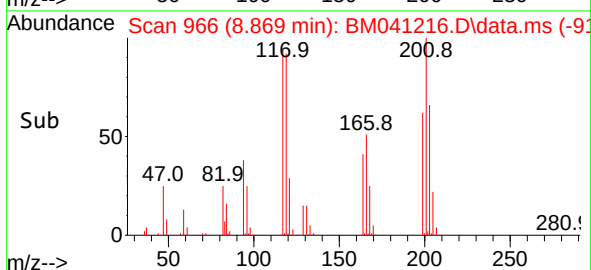
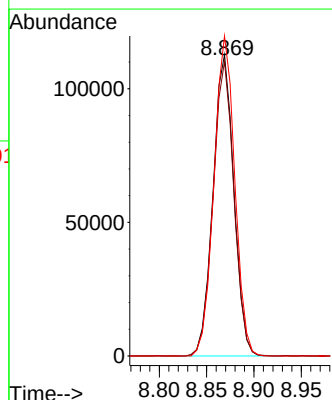
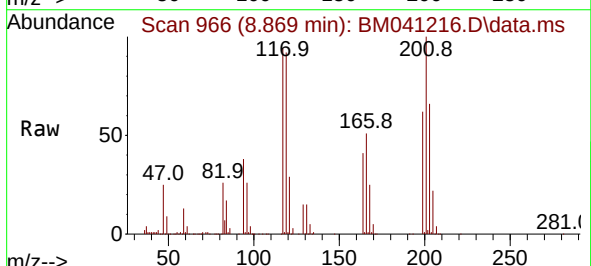
Tgt Ion:117 Resp: 173021

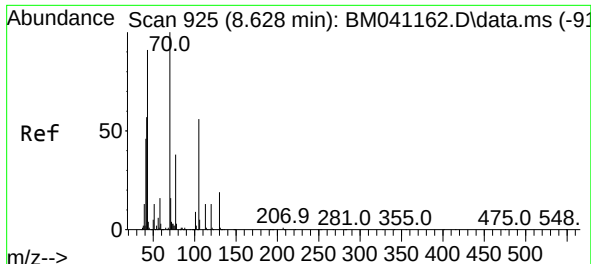
Ion Ratio Lower Upper

117 100

119 97.8 74.2 111.4

201 106.2 74.5 111.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.927 ng

RT: 8.622 min Scan# 919

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 359605

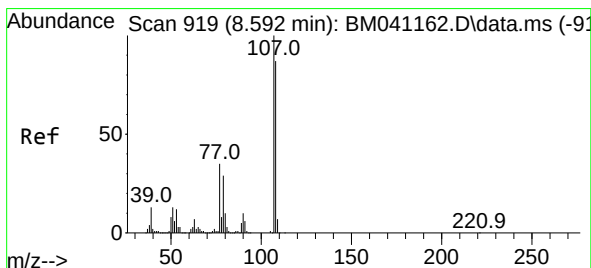
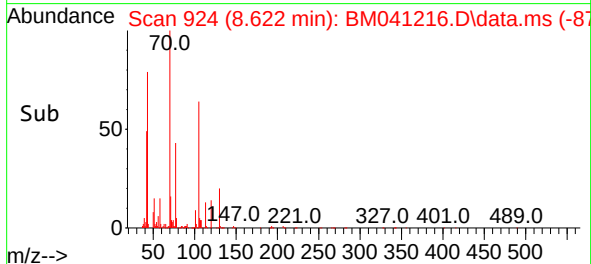
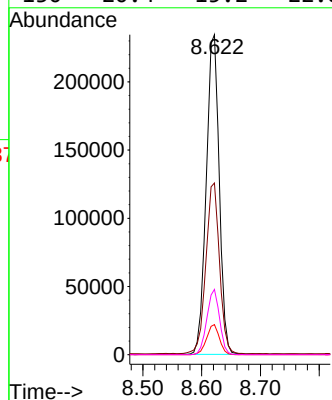
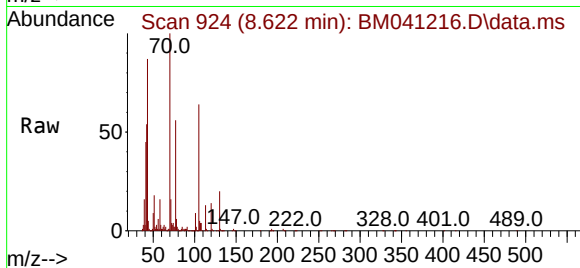
Ion Ratio Lower Upper

70 100

42 53.6 45.8 68.8

101 9.4 7.4 11.0

130 20.4 15.2 22.8



#20

3+4-Methylphenols

Concen: 42.962 ng

RT: 8.592 min Scan# 919

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Tgt Ion: 107 Resp: 510864

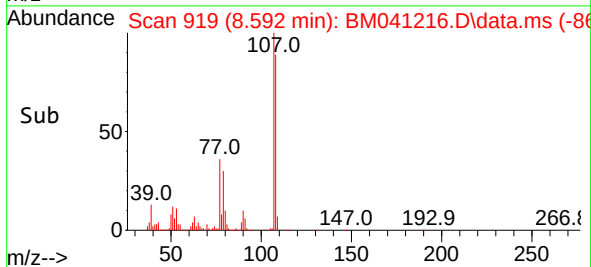
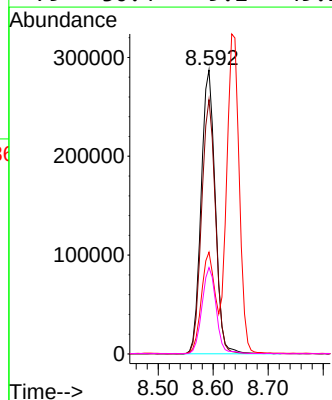
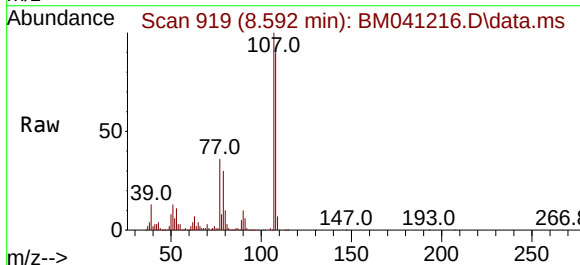
Ion Ratio Lower Upper

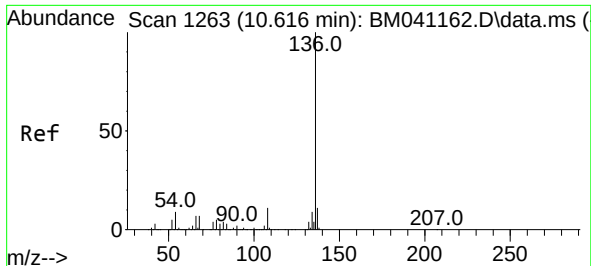
107 100

108 89.6 67.2 107.2

77 35.8 15.4 55.4

79 30.4 9.2 49.2

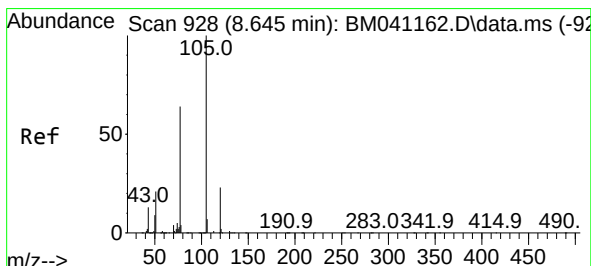
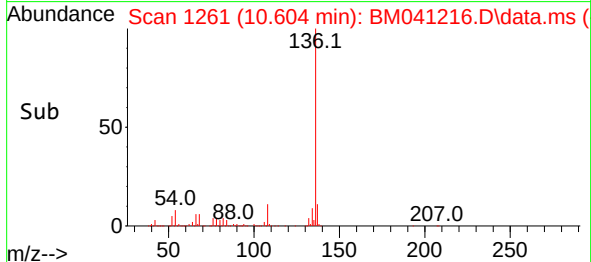
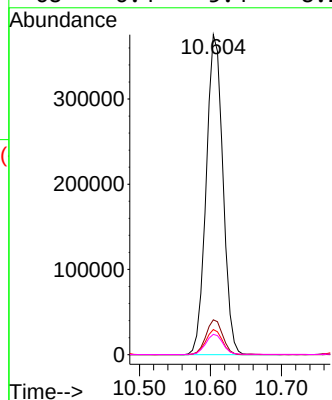
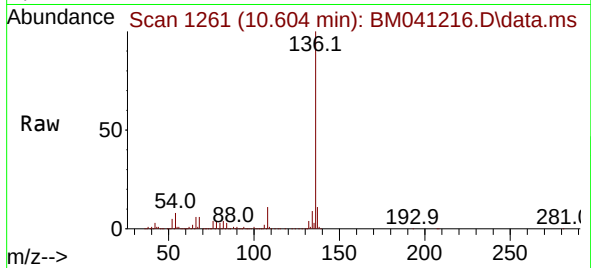




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

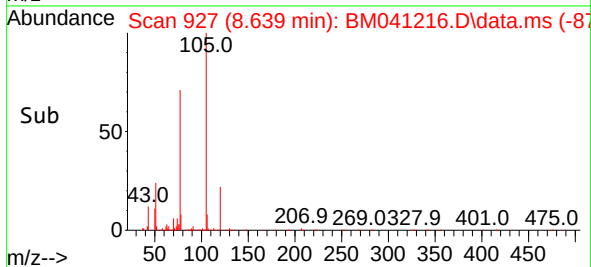
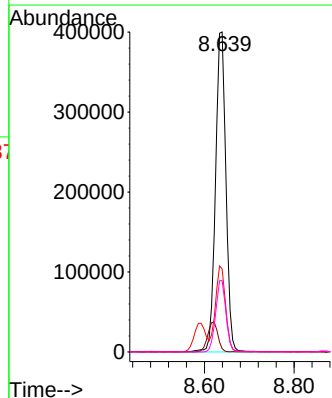
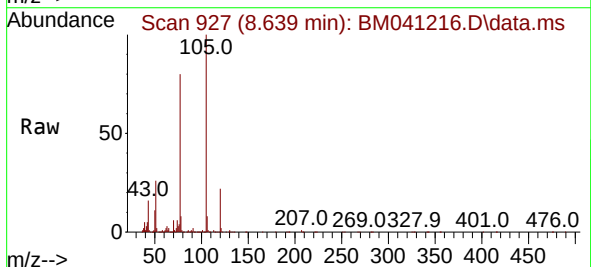
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

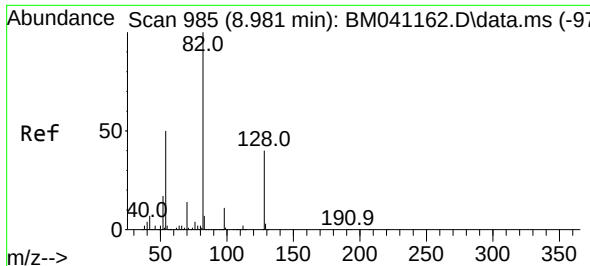
Tgt Ion:136 Resp: 615415
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.9 10.3
68 6.4 5.4 8.2



#22
Acetophenone
Concen: 39.576 ng
RT: 8.639 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:105 Resp: 645049
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 26.0 22.0 33.0
120 22.3 18.0 27.0

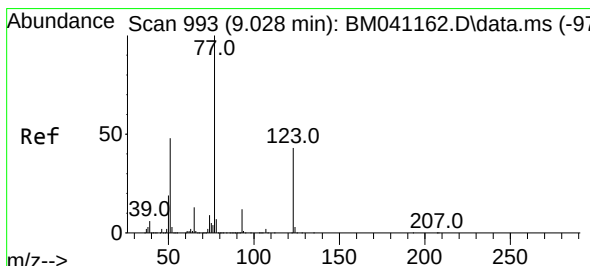
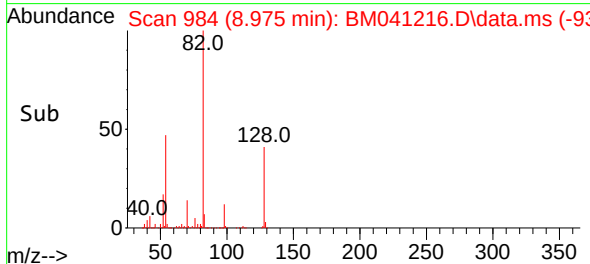
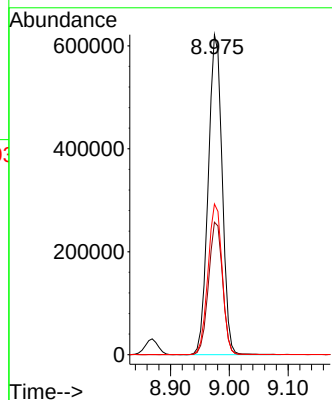
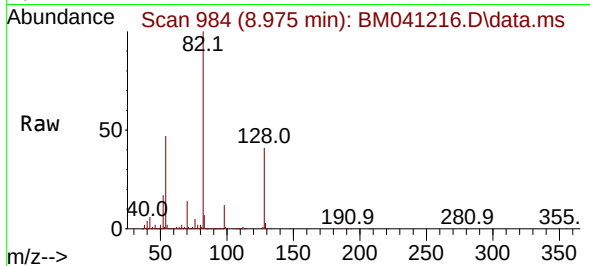




#23
Nitrobenzene-d5
Concen: 77.243 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

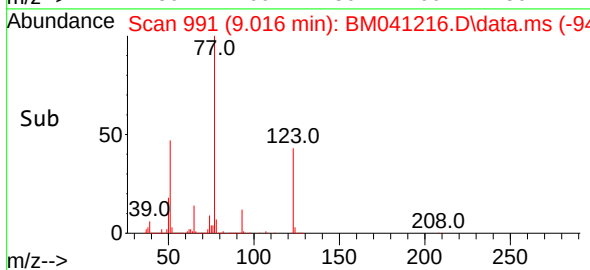
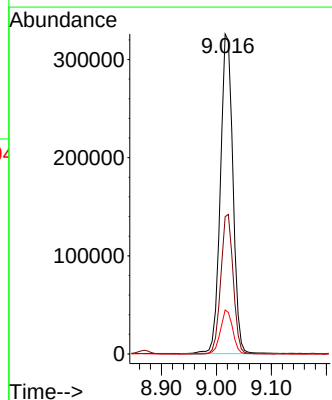
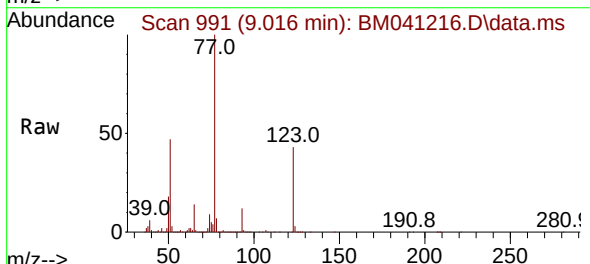
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

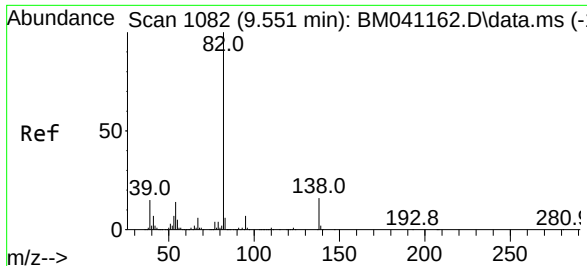
Tgt Ion: 82 Resp: 1022187
Ion Ratio Lower Upper
82 100
128 41.4 31.8 47.6
54 47.1 40.1 60.1



#24
Nitrobenzene
Concen: 38.457 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 77 Resp: 514664
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.2
65 13.8 10.7 16.1





#25

Isophorone

Concen: 43.479 ng

RT: 9.545 min Scan# 1081

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

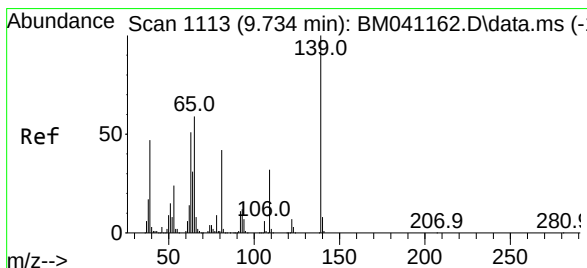
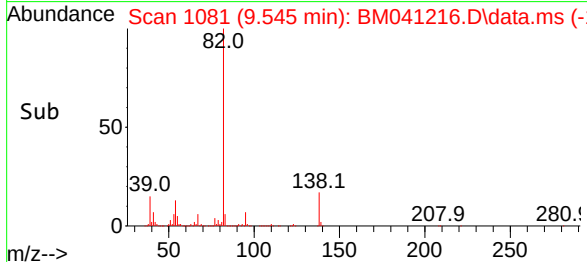
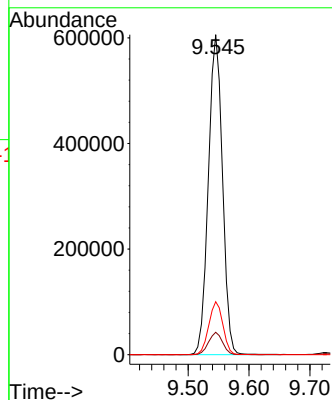
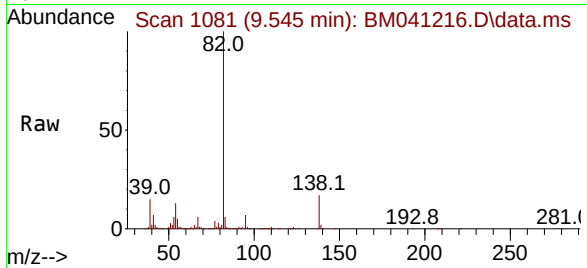
Tgt Ion: 82 Resp: 976722

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 16.5 12.8 19.2



#26

2-Nitrophenol

Concen: 45.945 ng

RT: 9.728 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

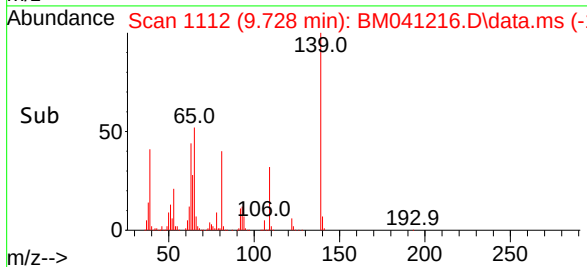
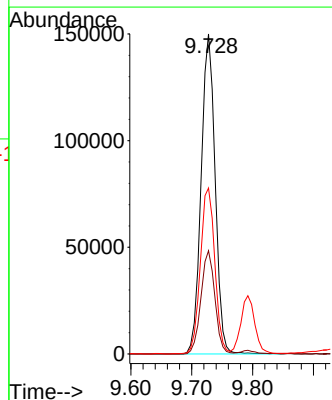
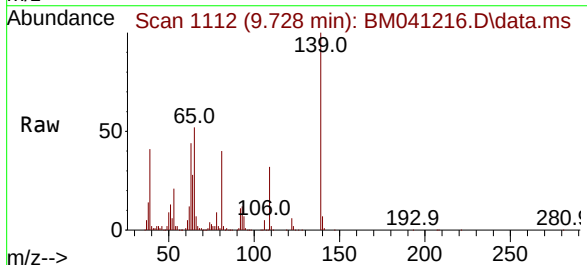
Tgt Ion:139 Resp: 240367

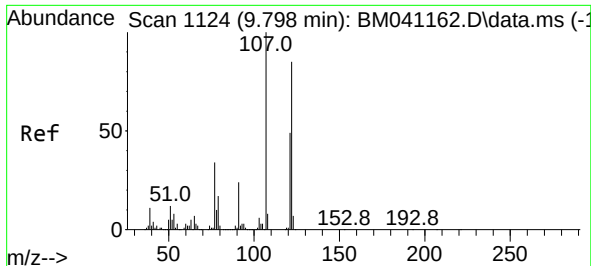
Ion Ratio Lower Upper

139 100

109 32.3 25.4 38.2

65 51.9 47.2 70.8

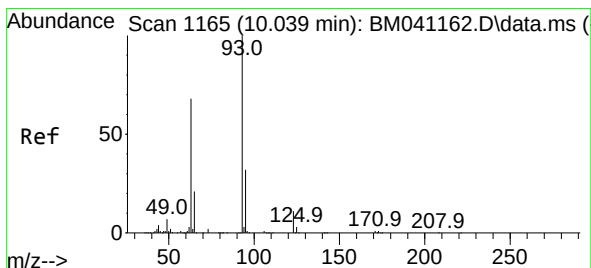
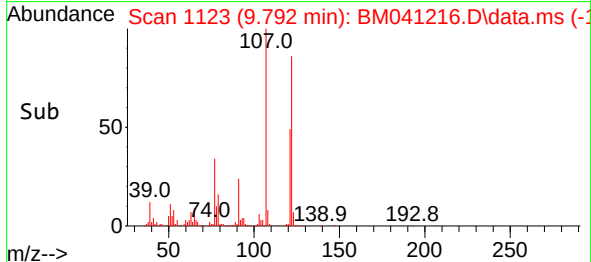
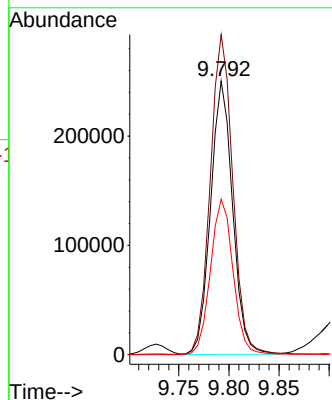
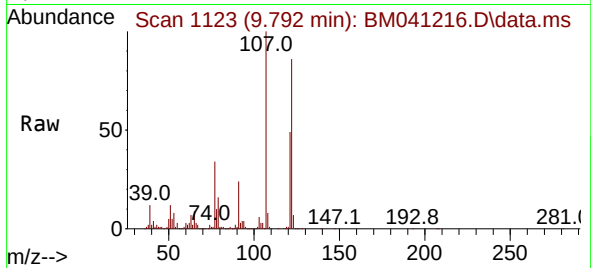




#27
2,4-Dimethylphenol
Concen: 41.532 ng
RT: 9.792 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

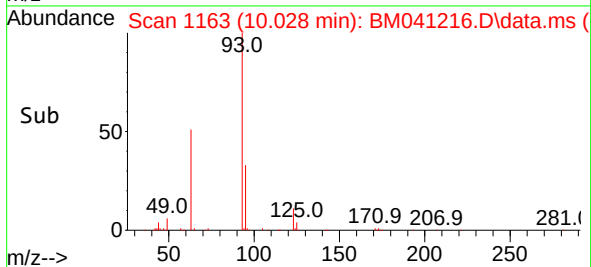
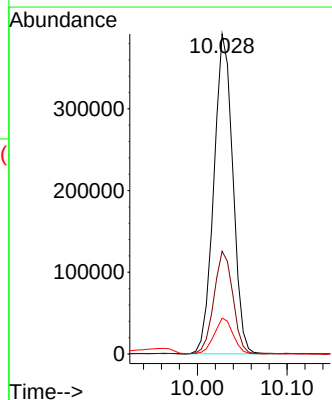
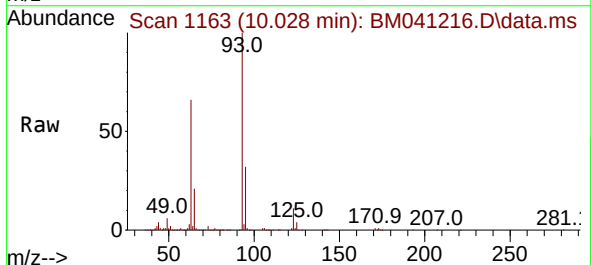
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

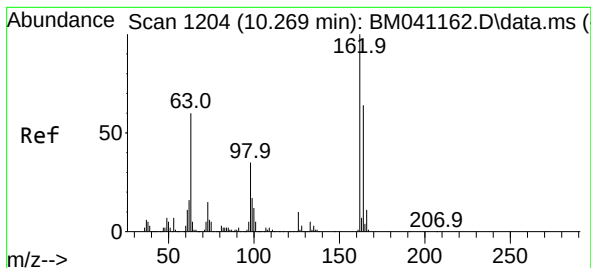
Tgt Ion:122 Resp: 382341
Ion Ratio Lower Upper
122 100
107 116.9 94.3 141.5
121 56.8 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.782 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 93 Resp: 573866
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.777 ng

RT: 10.263 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

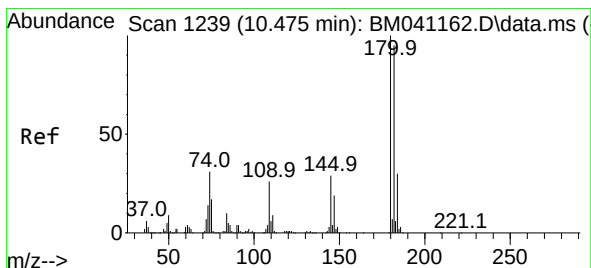
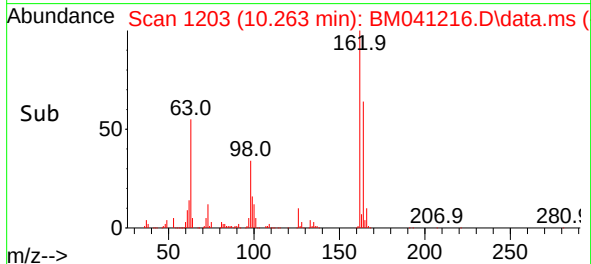
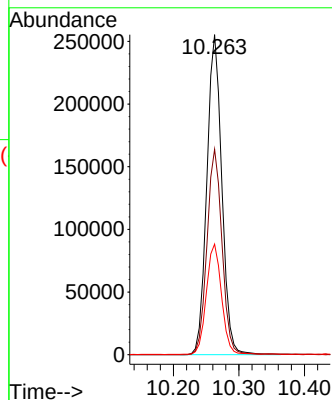
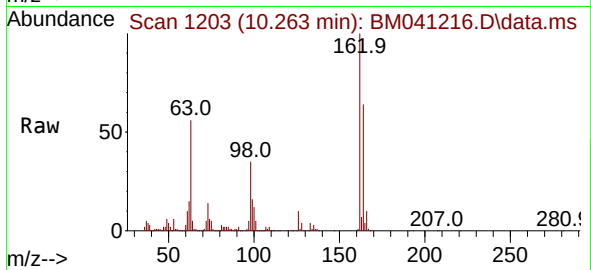
Tgt Ion:162 Resp: 406407

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 34.6 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 42.126 ng

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

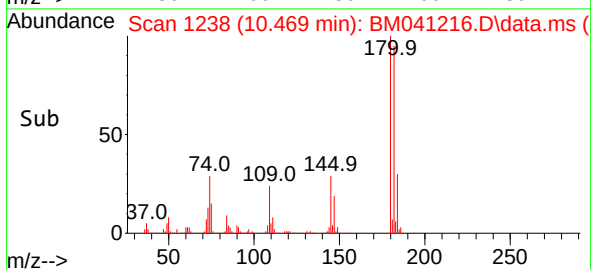
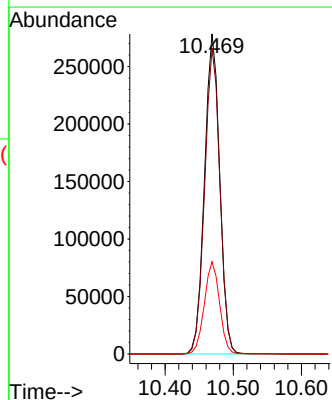
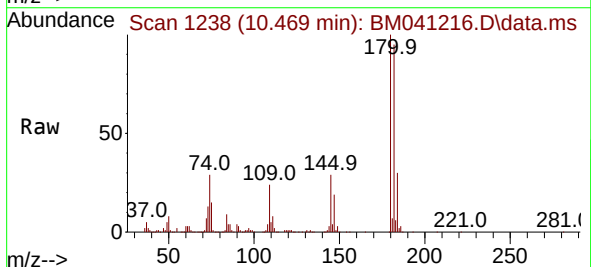
Tgt Ion:180 Resp: 432090

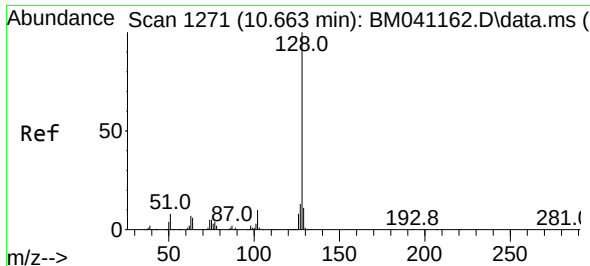
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 28.8 23.6 35.4

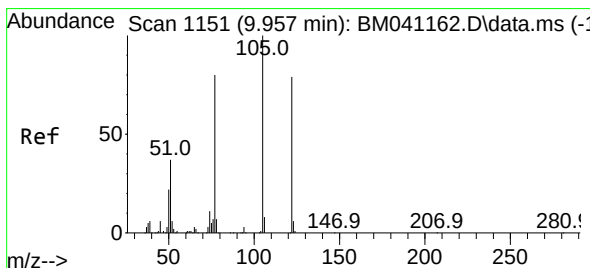
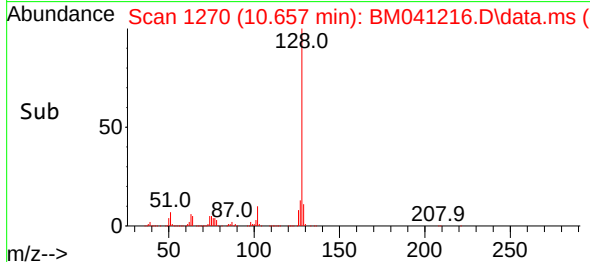
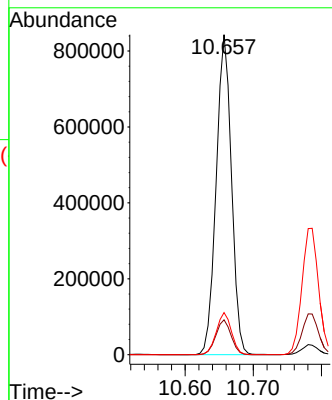
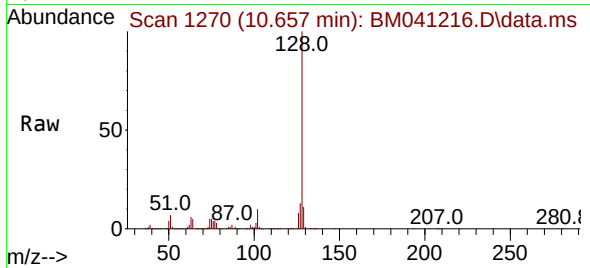




#31
Naphthalene
Concen: 39.367 ng
RT: 10.657 min Scan# 111
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

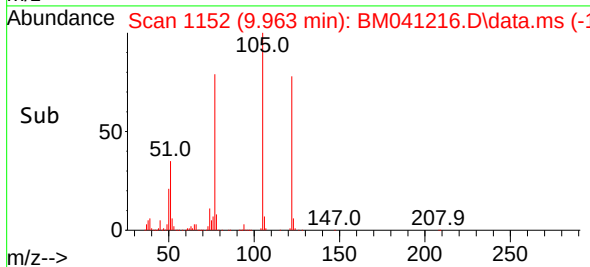
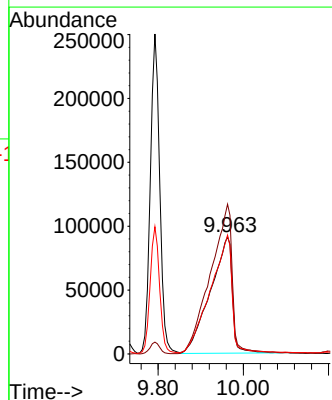
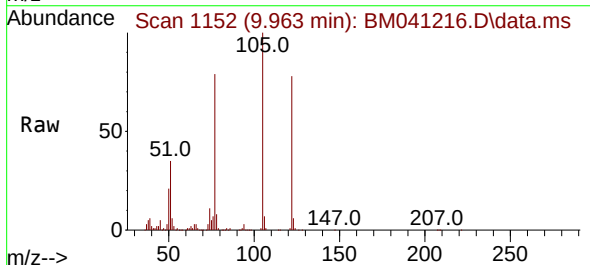
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

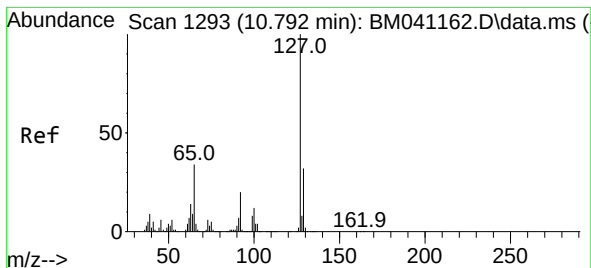
Tgt Ion:128 Resp: 1314703
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 47.212 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.018 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:122 Resp: 325473
Ion Ratio Lower Upper
122 100
105 127.9 104.0 144.0
77 101.6 79.9 119.9

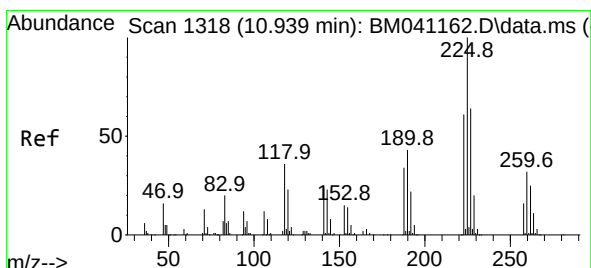
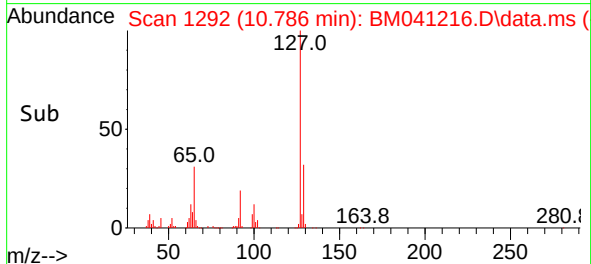
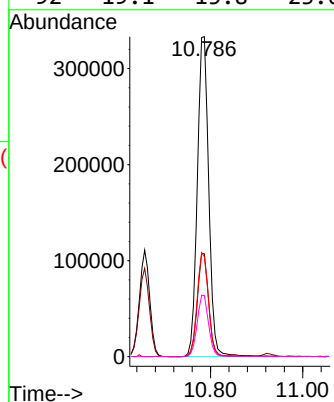
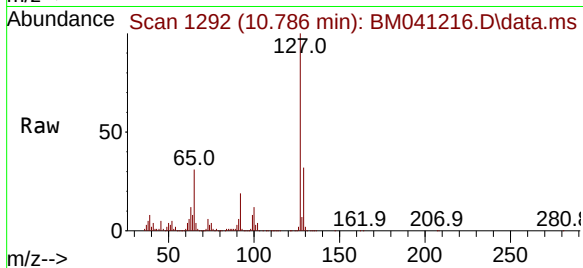




#33
4-Chloroaniline
Concen: 43.092 ng
RT: 10.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

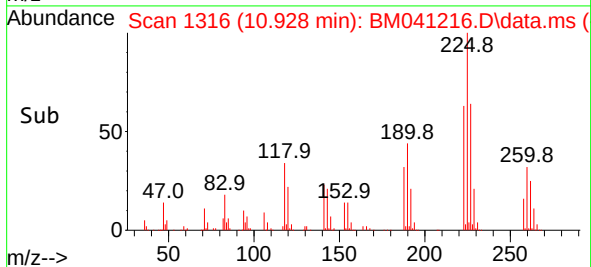
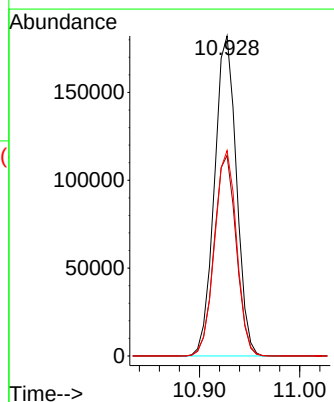
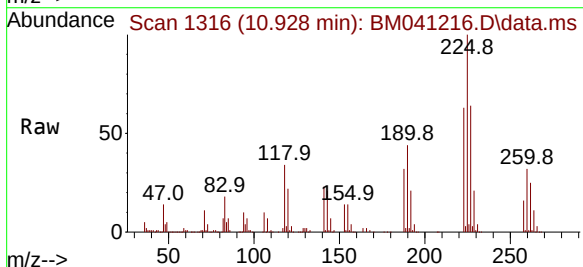
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

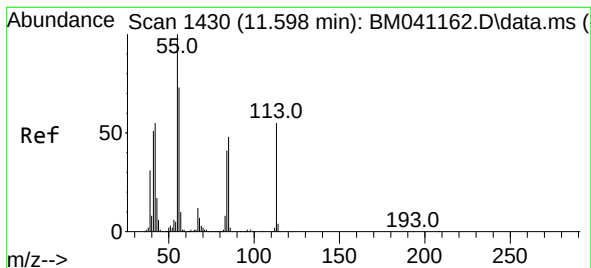
Tgt Ion:	127	Resp:	575113
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.2	26.9	40.3
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 44.897 ng
RT: 10.928 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:	225	Resp:	276964
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.4
227	64.2	50.8	76.2





#35

Caprolactam

Concen: 49.025 ng

RT: 11.610 min Scan# 1432

Delta R.T. 0.012 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

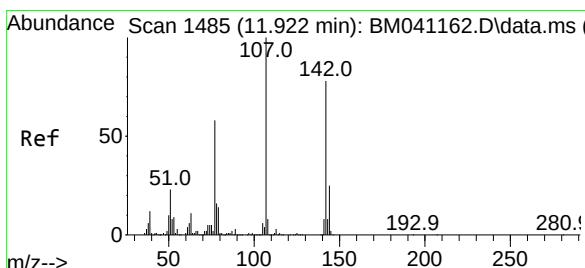
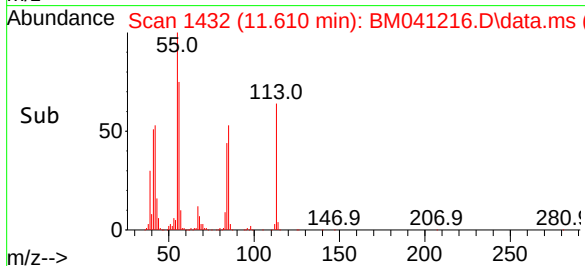
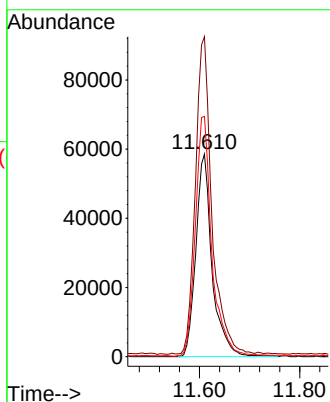
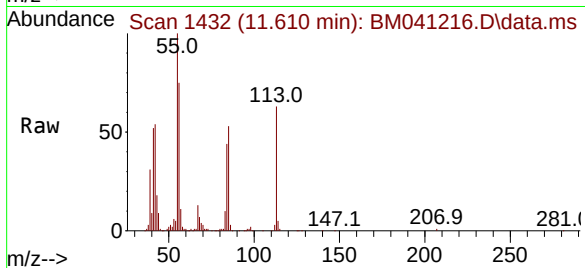
Tgt Ion:113 Resp: 131662

Ion Ratio Lower Upper

113 100

55 158.0 162.5 202.5#

56 118.6 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 44.409 ng

RT: 11.922 min Scan# 1485

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

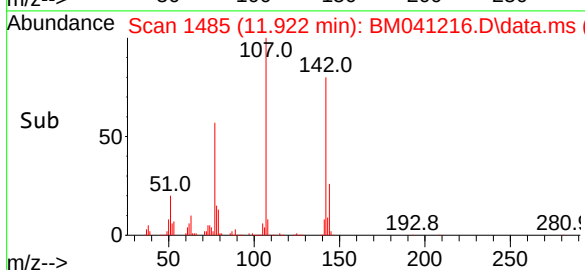
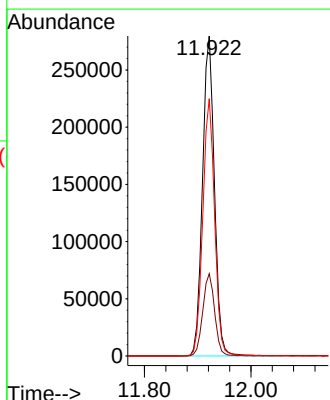
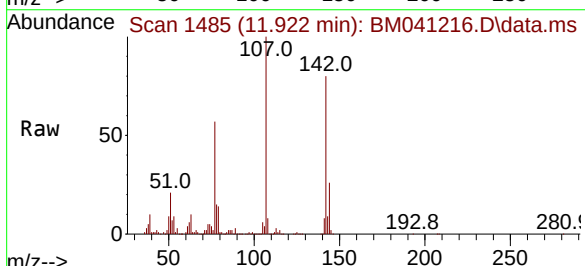
Tgt Ion:107 Resp: 433932

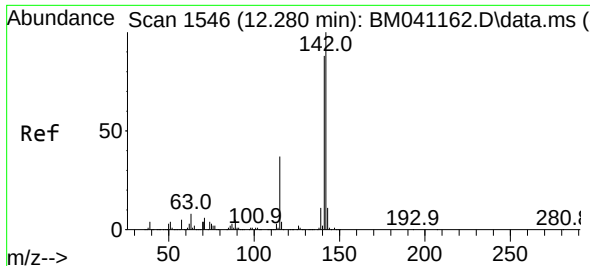
Ion Ratio Lower Upper

107 100

144 25.7 20.1 30.1

142 80.4 62.2 93.4

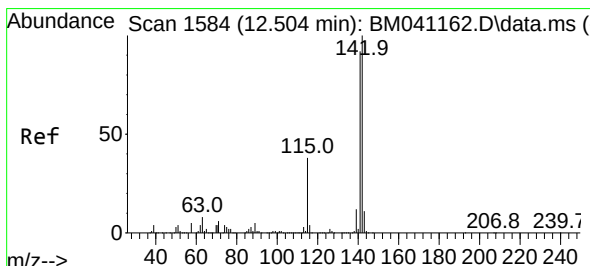
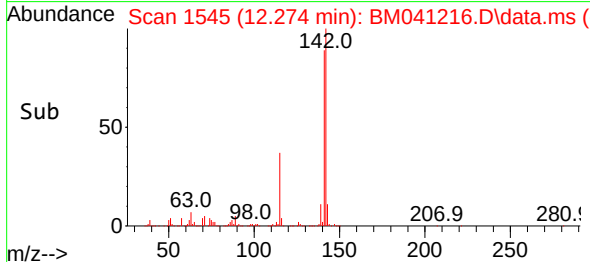
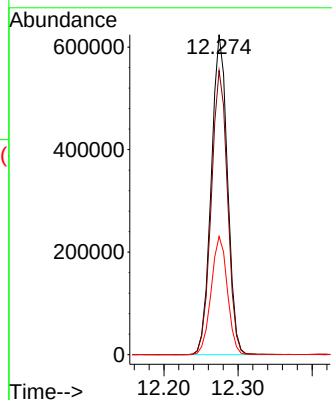
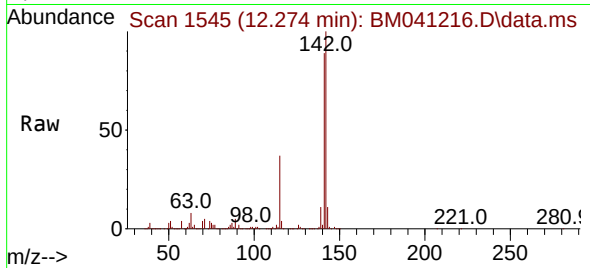




#37
2-Methylnaphthalene
Concen: 42.193 ng
RT: 12.274 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

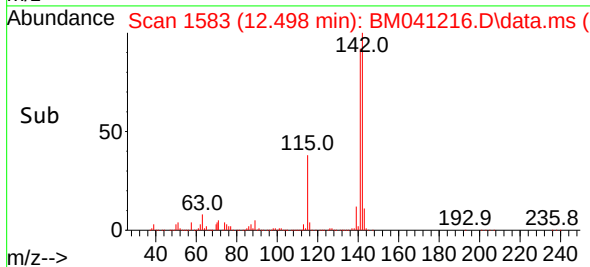
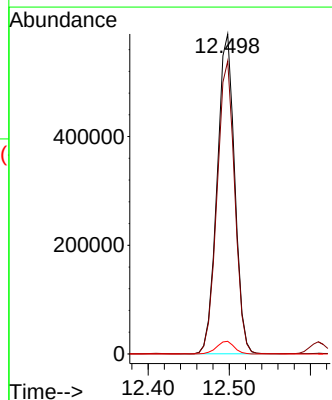
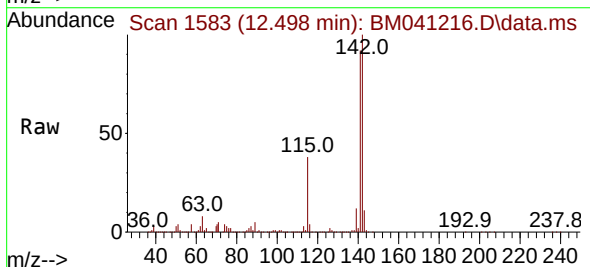
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

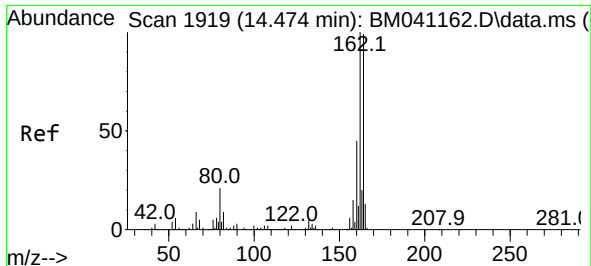
Tgt Ion:142 Resp: 949971
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 37.0 29.3 43.9



#38
1-Methylnaphthalene
Concen: 42.029 ng
RT: 12.498 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:142 Resp: 885668
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 4.0 3.2 4.8

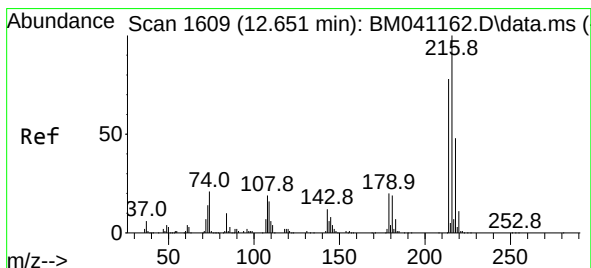
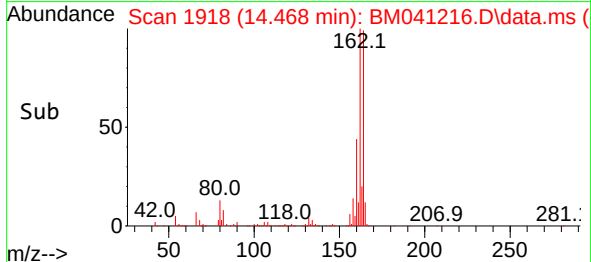
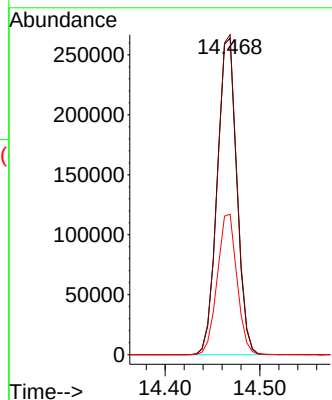
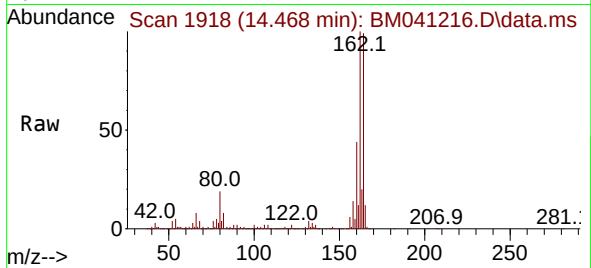




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

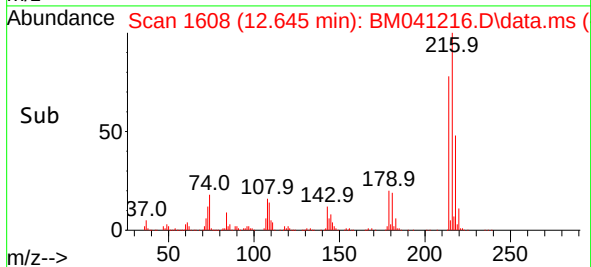
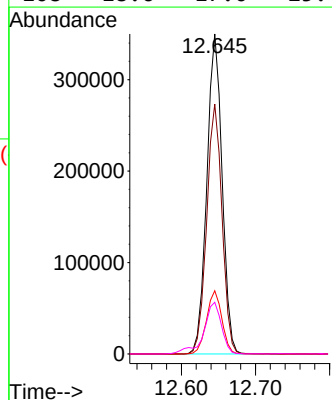
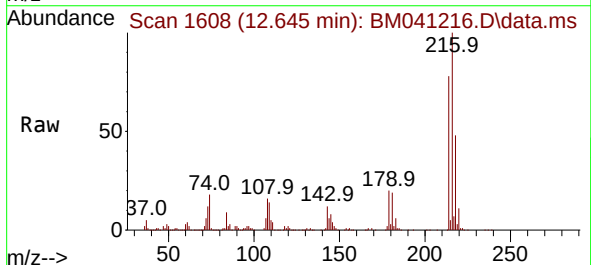
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

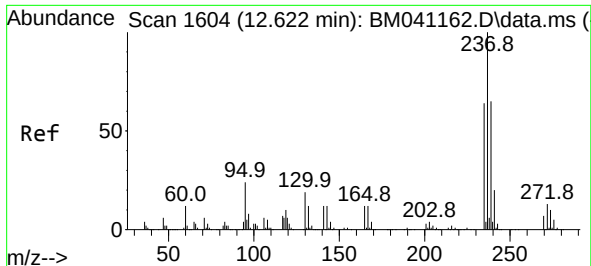
Tgt Ion:164 Resp: 378771
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 44.4 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.760 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:216 Resp: 501308
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 19.9 16.2 24.2
108 18.6 17.0 25.4

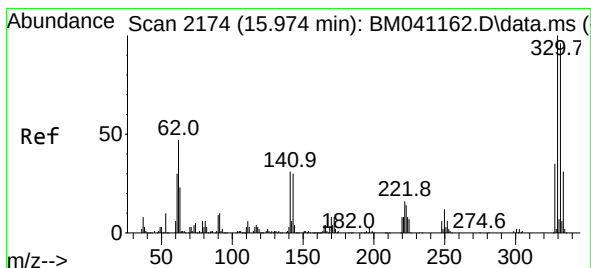
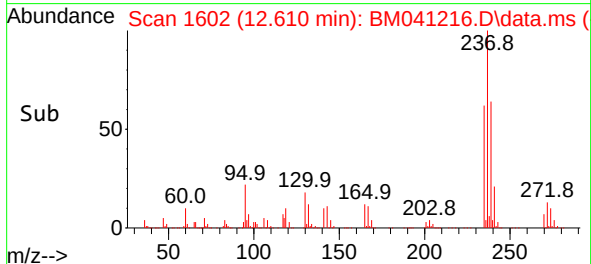
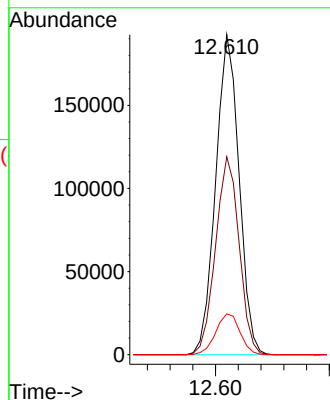
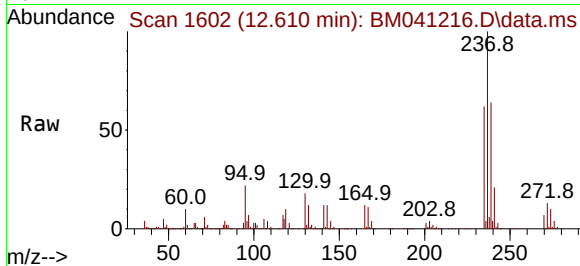




#41
Hexachlorocyclopentadiene
Concen: 42.263 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

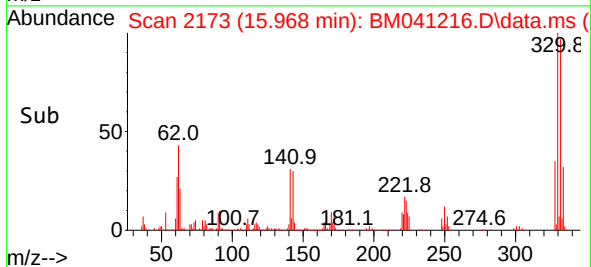
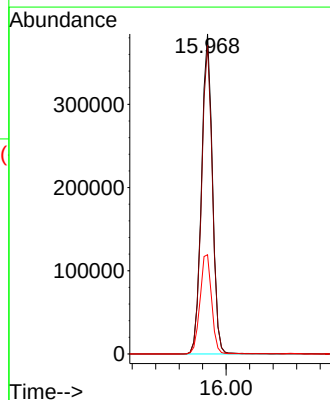
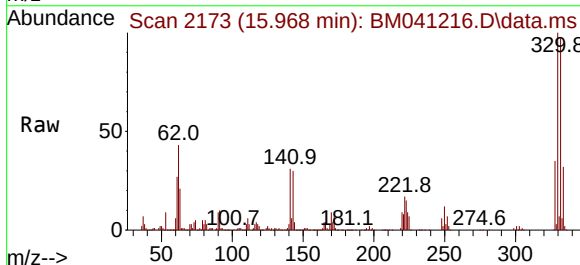
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

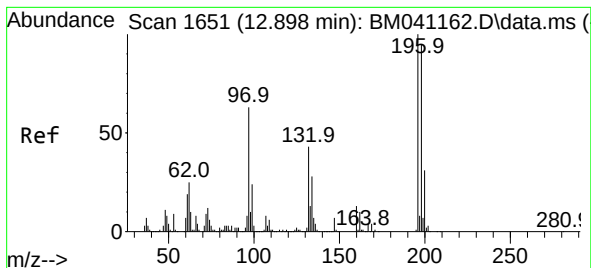
Tgt Ion:237 Resp: 274999
Ion Ratio Lower Upper
237 100
235 61.9 43.6 83.6
272 12.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 92.216 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:330 Resp: 494049
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 33.0 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 44.015 ng

RT: 12.898 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

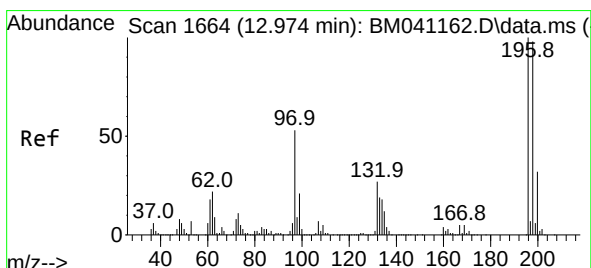
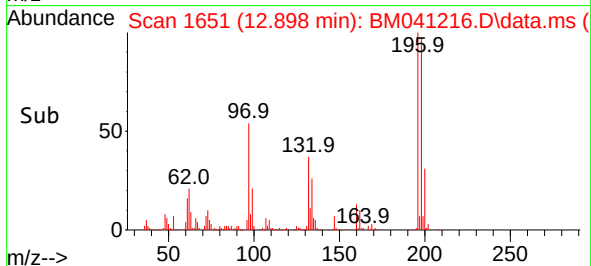
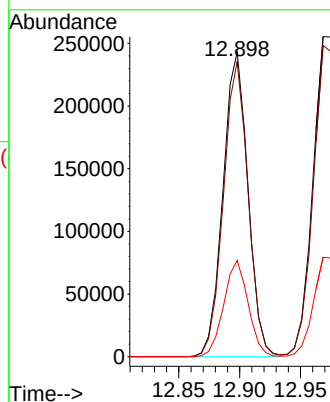
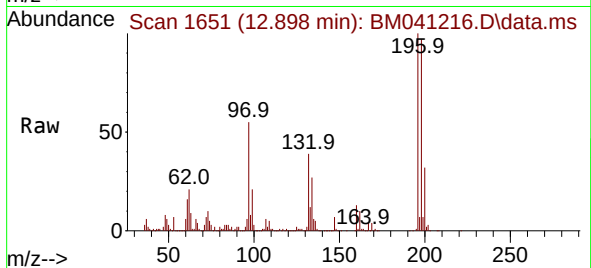
Tgt Ion:196 Resp: 346969

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.4

200 31.5 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 43.880 ng

RT: 12.969 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Tgt Ion:196 Resp: 400361

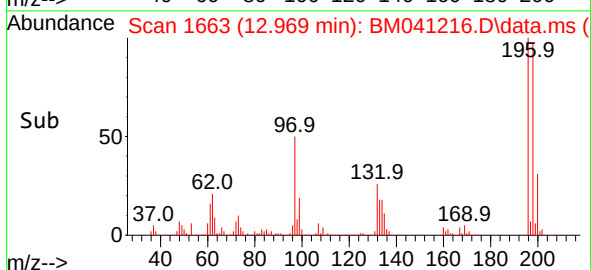
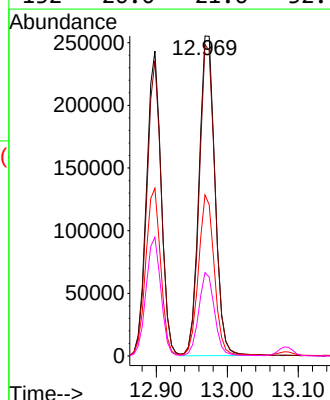
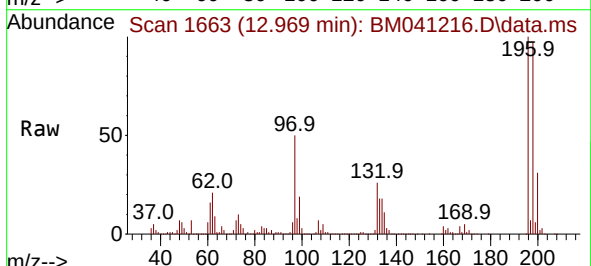
Ion Ratio Lower Upper

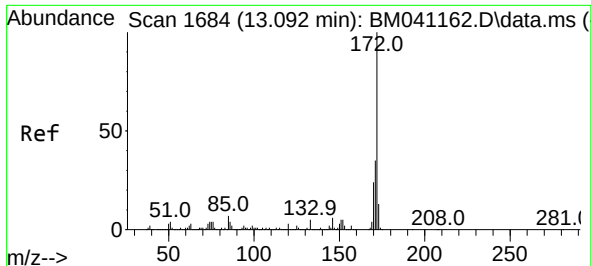
196 100

198 97.3 78.2 117.4

97 50.3 42.7 64.1

132 26.0 21.6 32.4

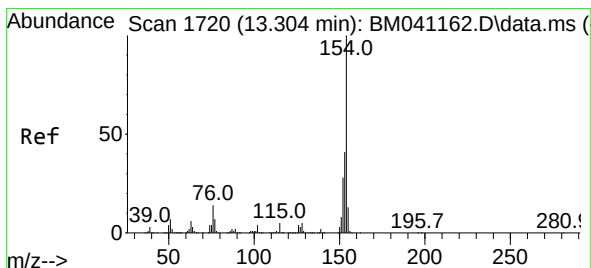
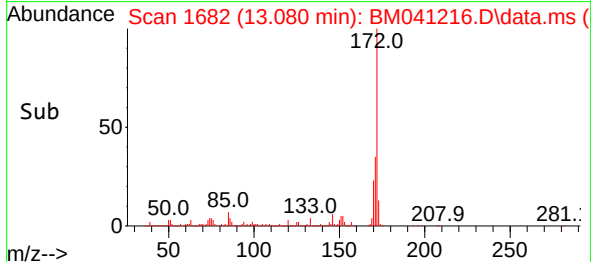
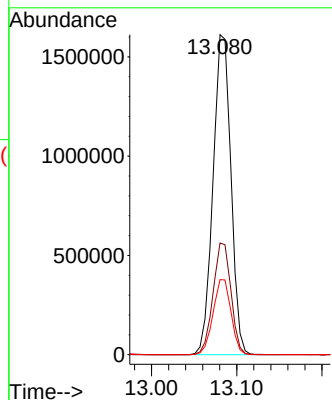
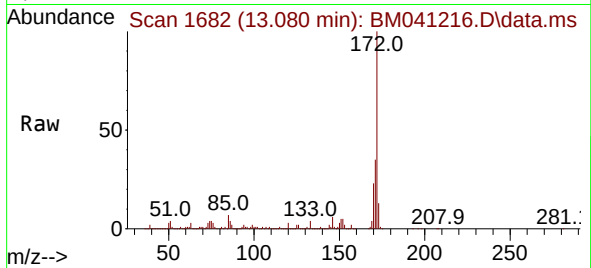




#45
2-Fluorobiphenyl
Concen: 78.401 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

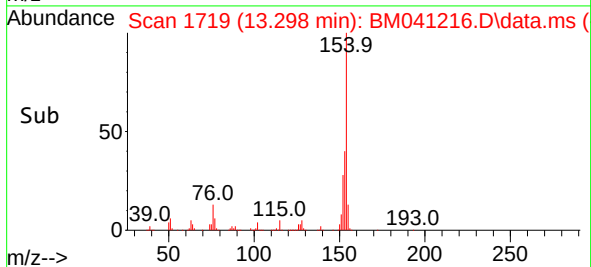
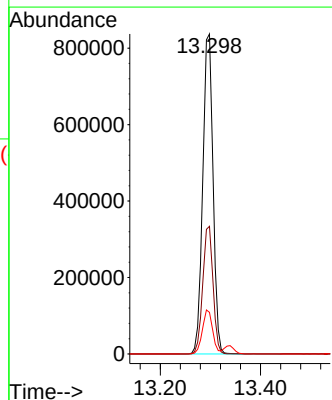
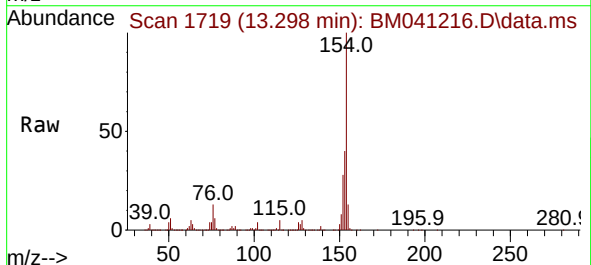
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

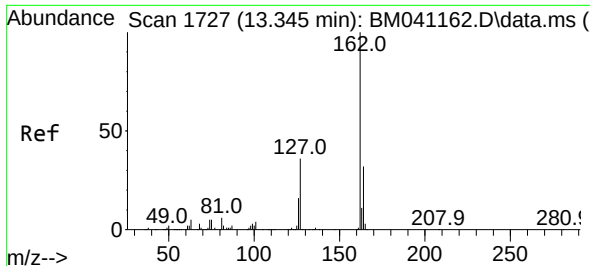
Tgt Ion:172 Resp: 2350763
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 38.906 ng
RT: 13.298 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:154 Resp: 1194671
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 13.0 0.0 34.1

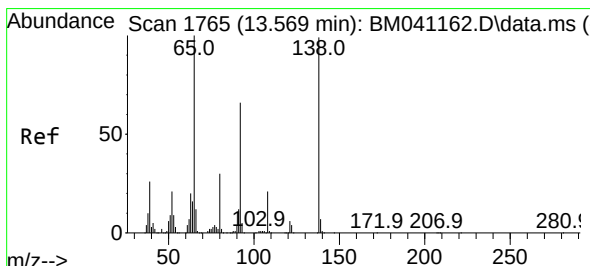
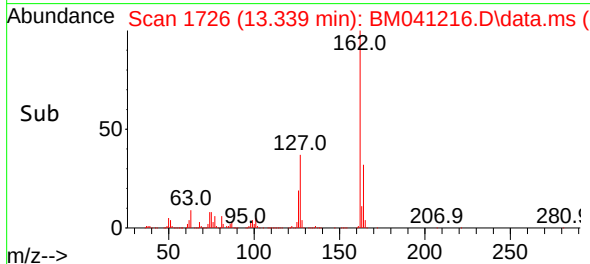
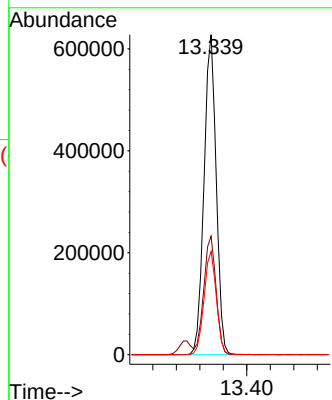
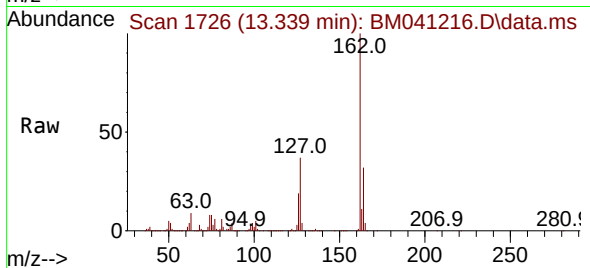




#47
2-Chloronaphthalene
Concen: 39.454 ng
RT: 13.339 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

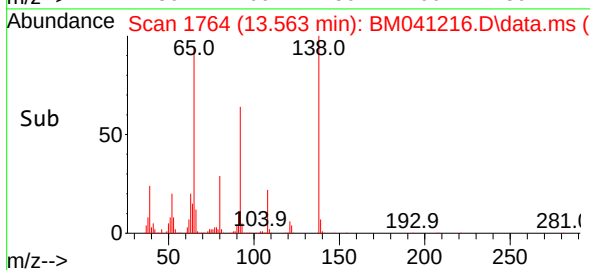
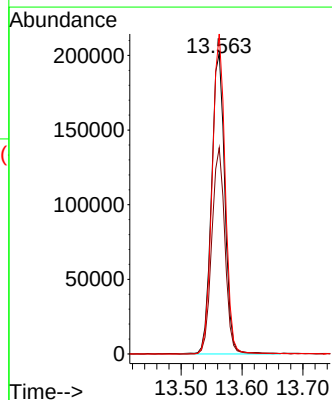
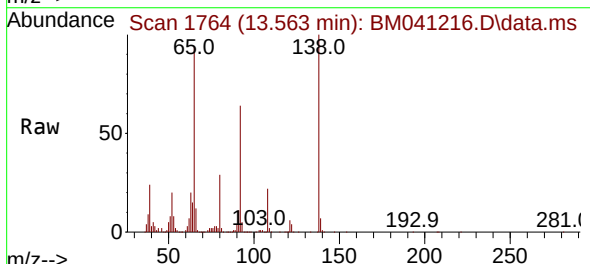
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

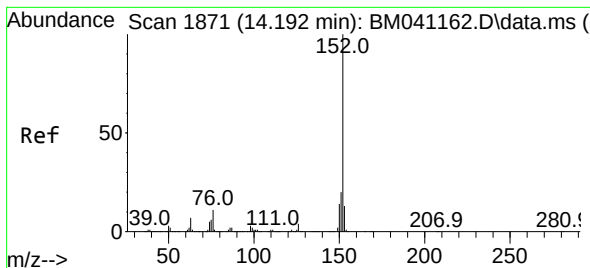
Tgt Ion:162 Resp: 904589
Ion Ratio Lower Upper
162 100
127 37.0 30.6 45.8
164 32.3 25.6 38.4



#48
2-Nitroaniline
Concen: 41.814 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion: 65 Resp: 306017
Ion Ratio Lower Upper
65 100
92 68.6 53.0 79.4
138 106.4 79.1 118.7





#49

Acenaphthylene

Concen: 39.946 ng

RT: 14.186 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

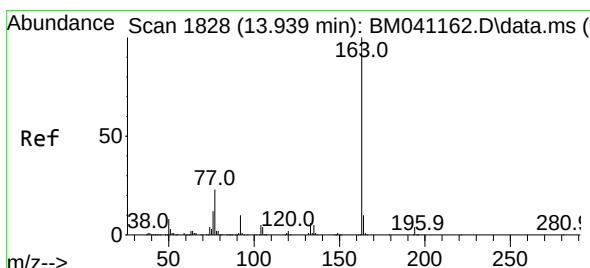
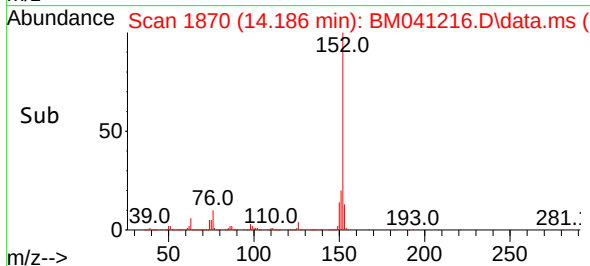
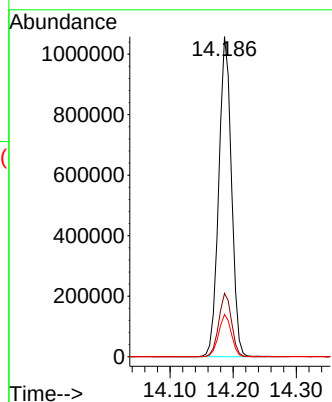
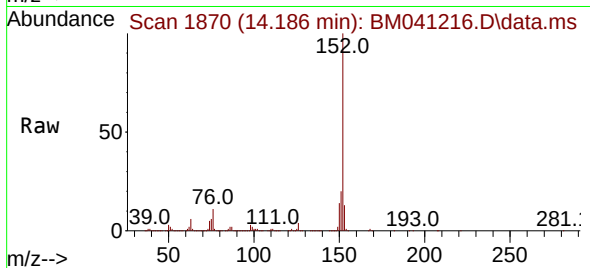
Tgt Ion:152 Resp: 1478300

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 42.455 ng

RT: 13.933 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

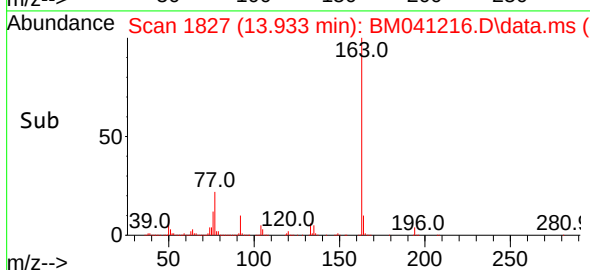
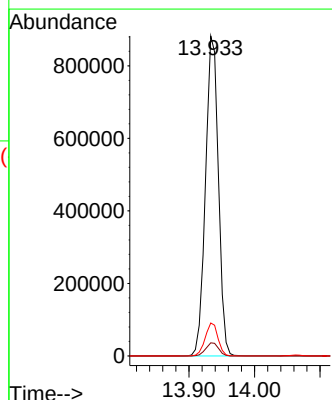
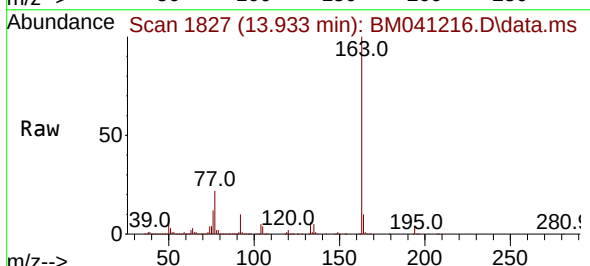
Tgt Ion:163 Resp: 1209618

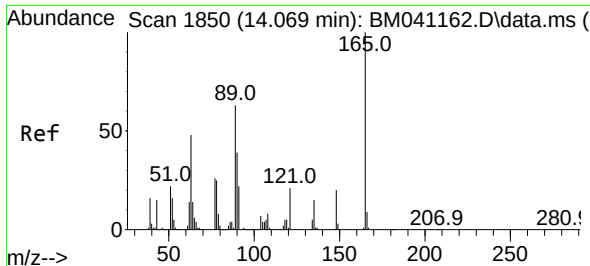
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5

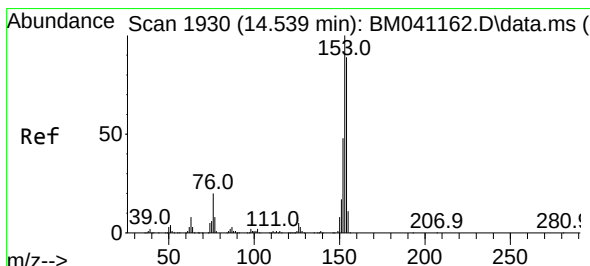
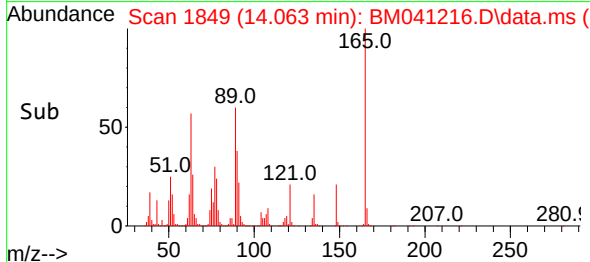
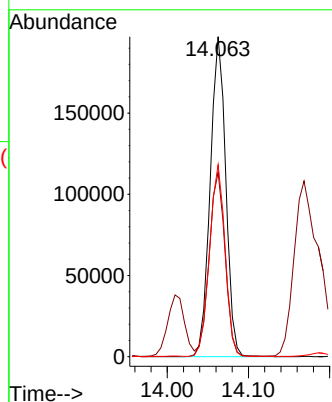
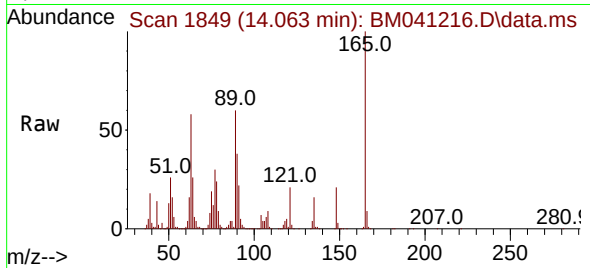




#51
2,6-Dinitrotoluene
Concen: 44.373 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

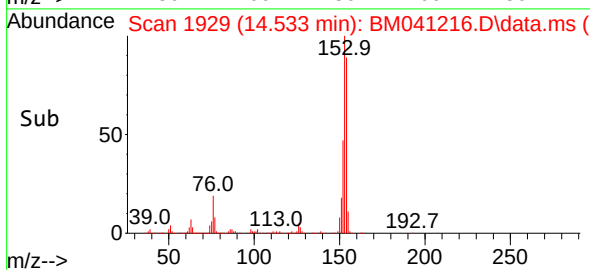
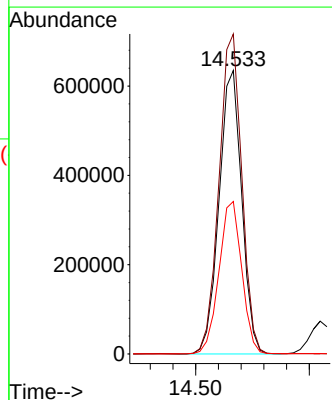
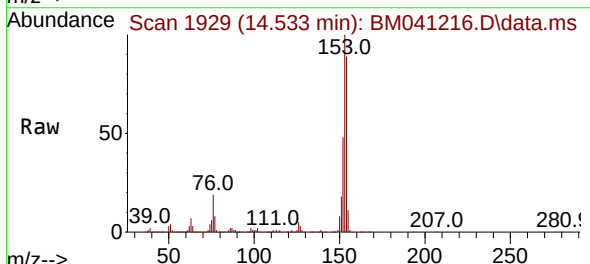
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

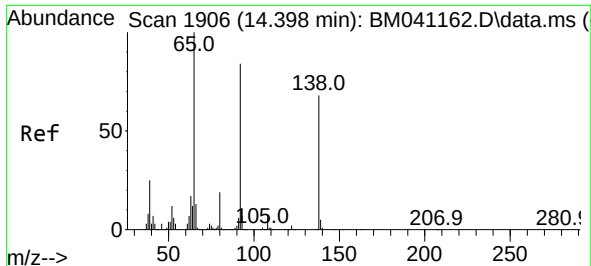
Tgt Ion:165 Resp: 261958
Ion Ratio Lower Upper
165 100
63 57.6 50.9 76.3
89 60.0 50.6 76.0



#52
Acenaphthene
Concen: 39.400 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:154 Resp: 878389
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 53.8 43.4 65.0

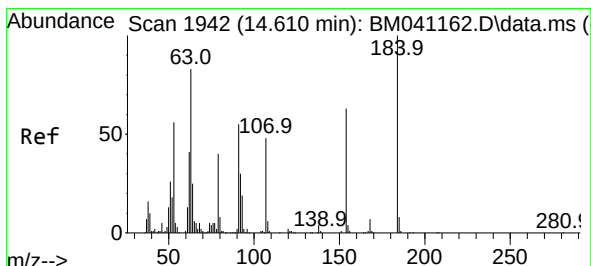
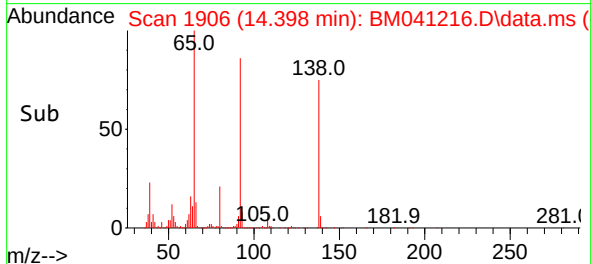
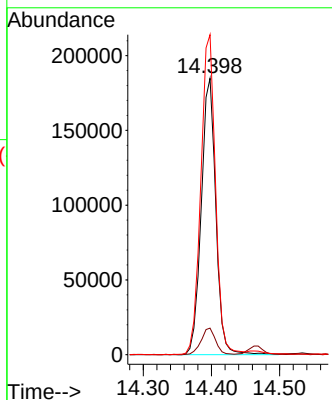
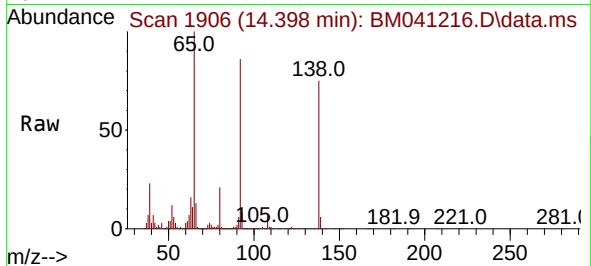




#53
3-Nitroaniline
Concen: 40.648 ng
RT: 14.398 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

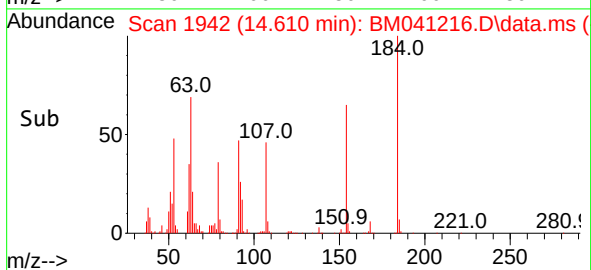
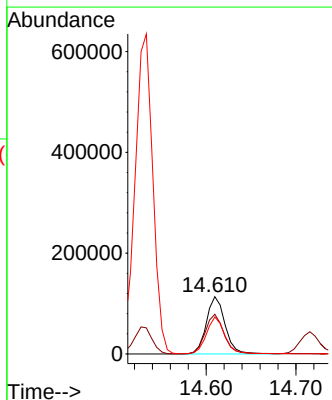
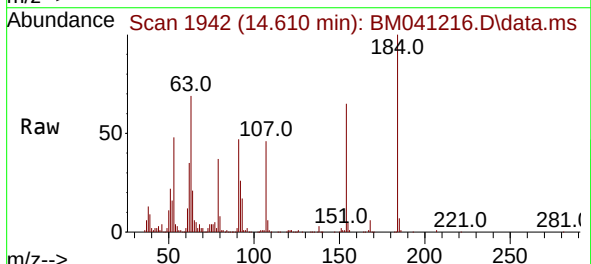
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

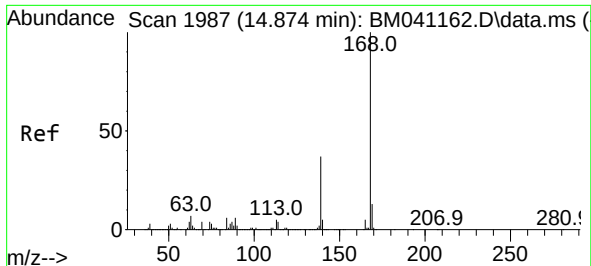
Tgt Ion:138 Resp: 274830
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 115.8 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 44.075 ng
RT: 14.610 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:184 Resp: 164443
Ion Ratio Lower Upper
184 100
63 69.2 66.5 99.7
154 64.6 52.8 79.2

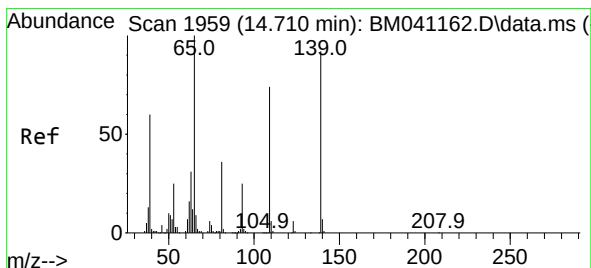
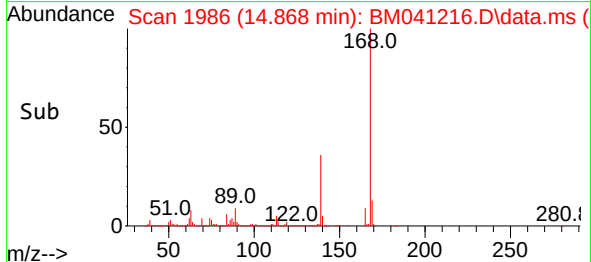
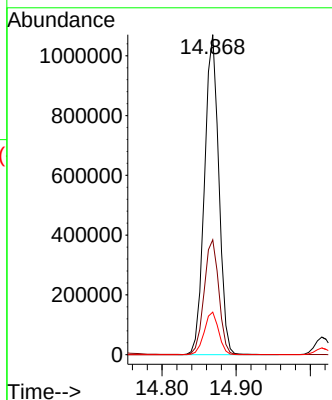
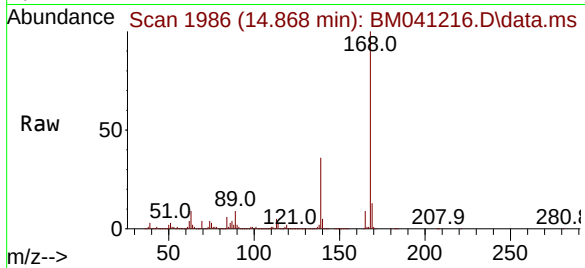




#55
Dibenzenofuran
Concen: 39.602 ng
RT: 14.868 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

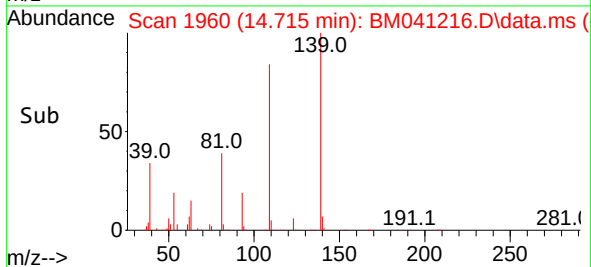
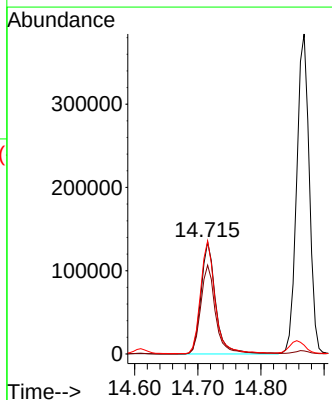
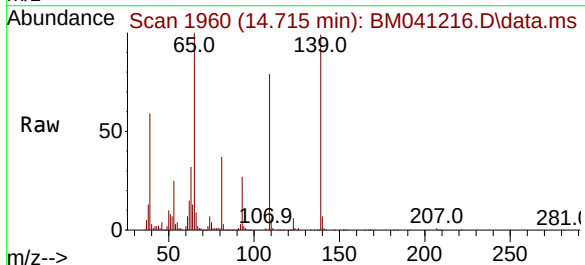
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

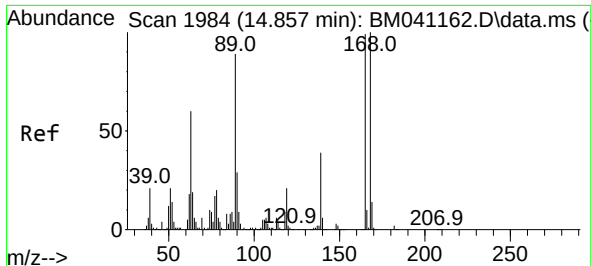
Tgt Ion:168 Resp: 1440479
Ion Ratio Lower Upper
168 100
139 35.9 29.8 44.6
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 43.898 ng
RT: 14.715 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:139 Resp: 215985
Ion Ratio Lower Upper
139 100
109 79.5 61.2 101.2
65 101.2 89.5 129.5

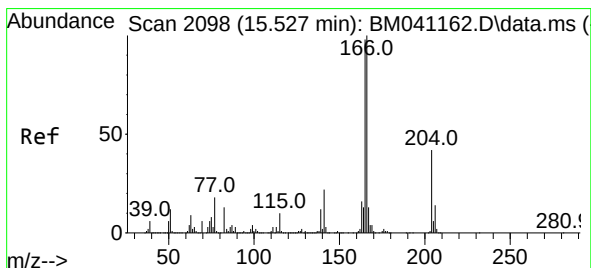
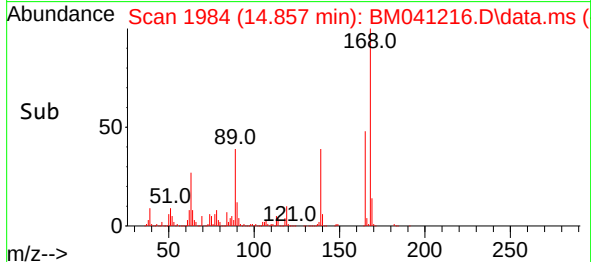
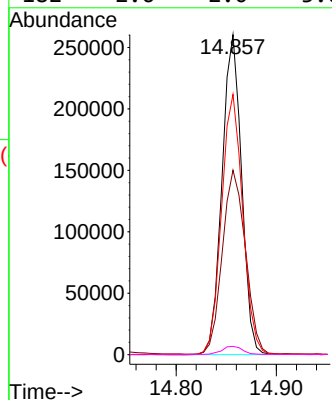
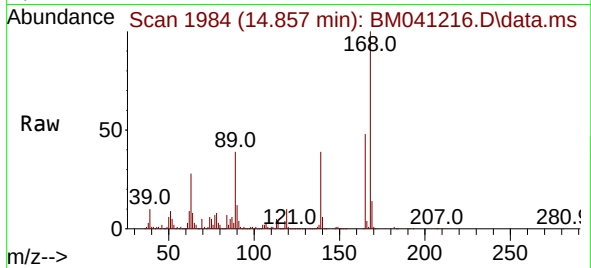




#57
2,4-Dinitrotoluene
Concen: 42.131 ng
RT: 14.857 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

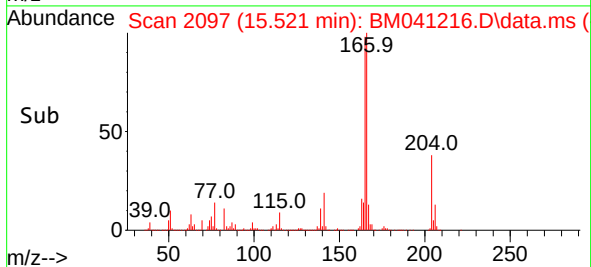
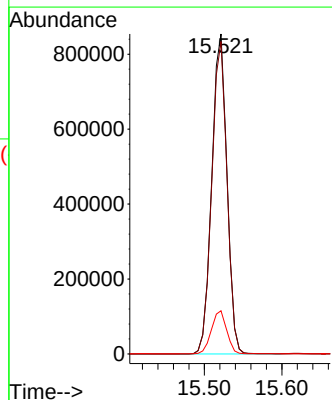
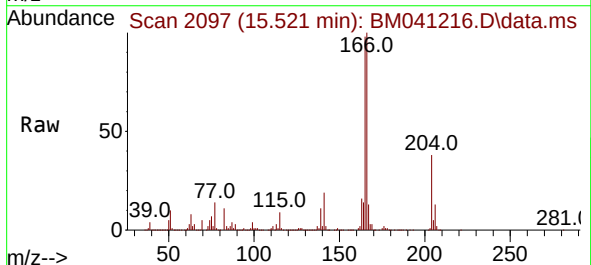
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

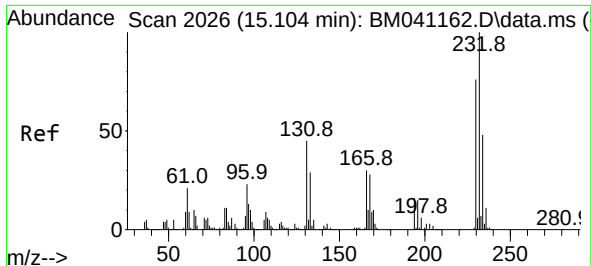
Tgt Ion:165 Resp: 352277
Ion Ratio Lower Upper
165 100
63 57.7 48.3 72.5
89 81.4 71.8 107.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 40.545 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:166 Resp: 1163425
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.4
167 13.5 10.6 16.0

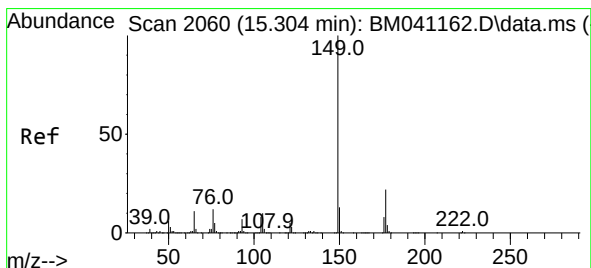
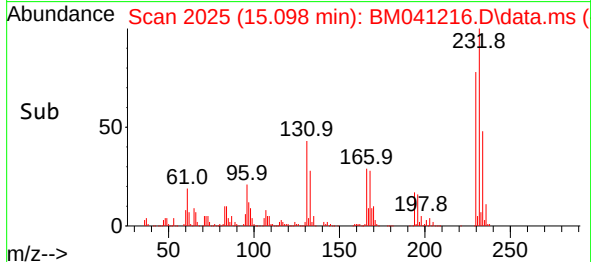
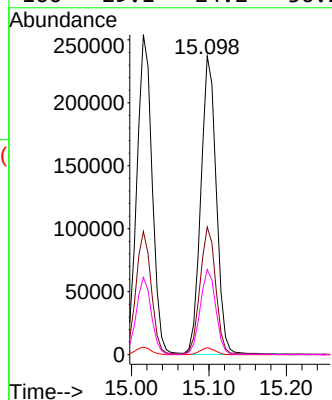
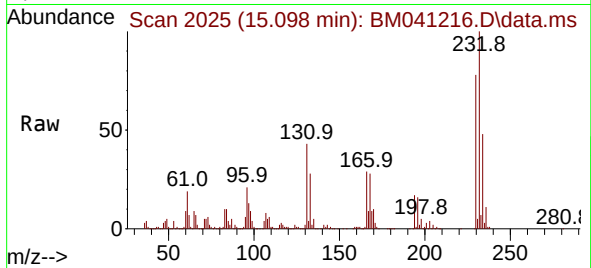




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.393 ng
RT: 15.098 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

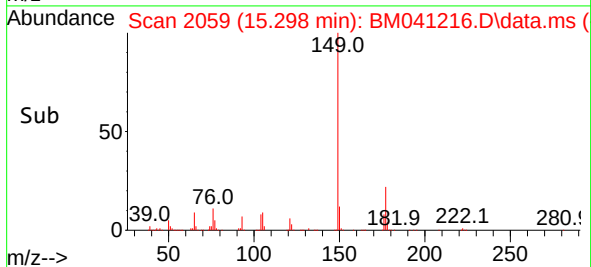
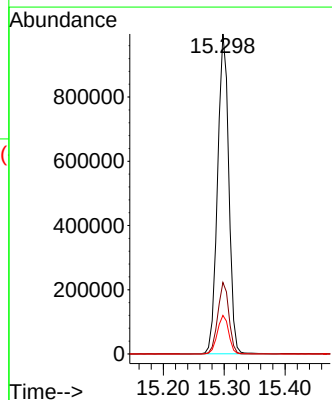
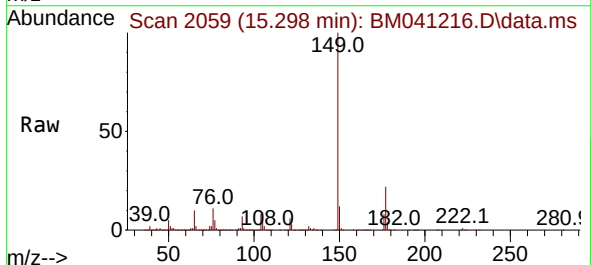
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

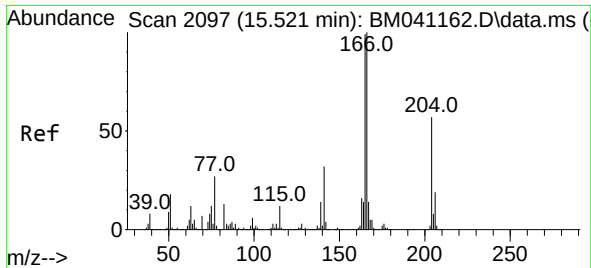
Tgt Ion:232 Resp: 327987
Ion Ratio Lower Upper
232 100
131 43.3 36.9 55.3
130 2.3 2.0 3.0
166 29.1 24.2 36.2



#60
Diethylphthalate
Concen: 46.079 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:149 Resp: 1269625
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.1 10.1 15.1

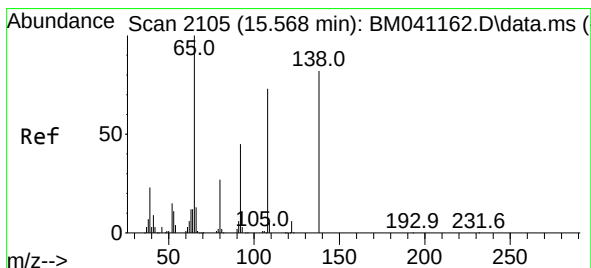
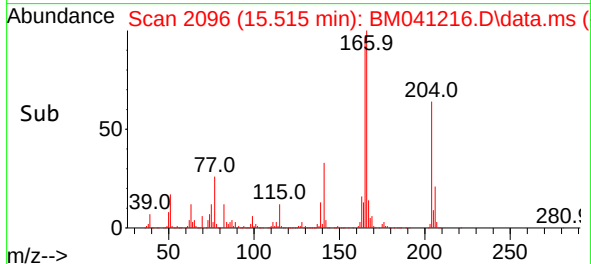
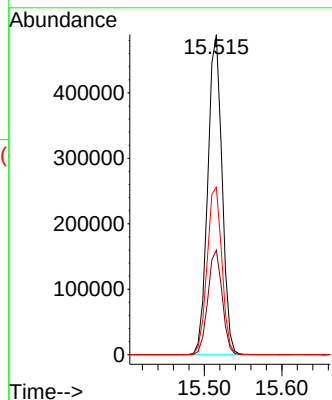
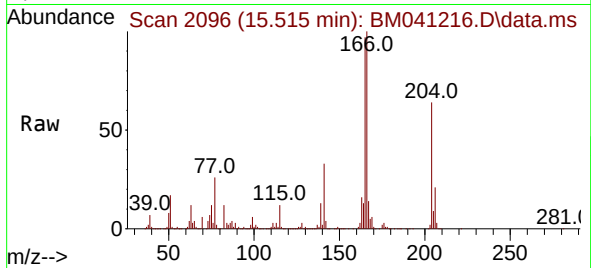




#61
4-Chlorophenyl-phenylether
Concen: 43.505 ng
RT: 15.515 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

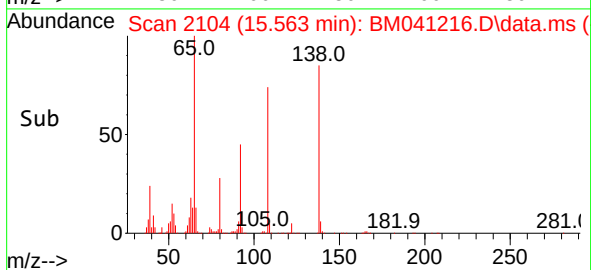
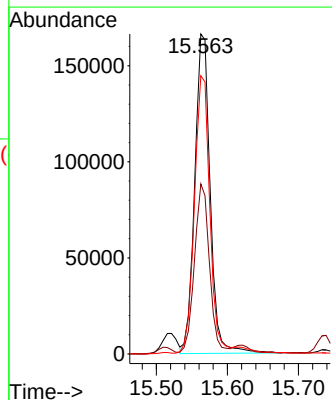
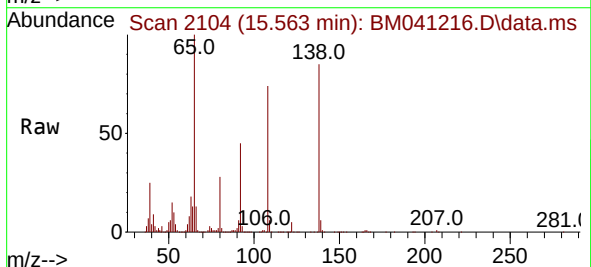
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

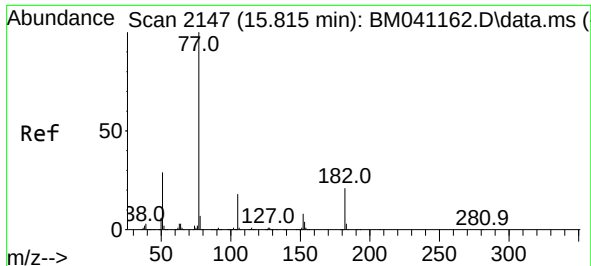
Tgt Ion:204 Resp: 625569
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 52.3 44.8 67.2



#62
4-Nitroaniline
Concen: 40.766 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:138 Resp: 252373
Ion Ratio Lower Upper
138 100
92 53.1 35.1 75.1
108 86.9 67.8 107.8

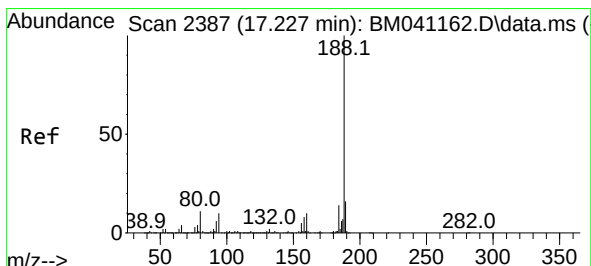
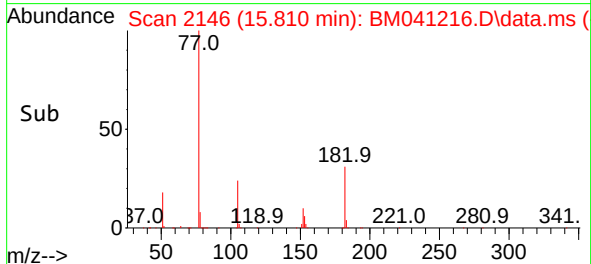
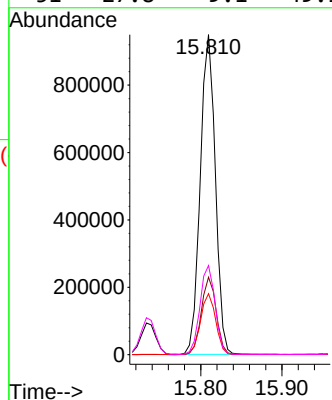
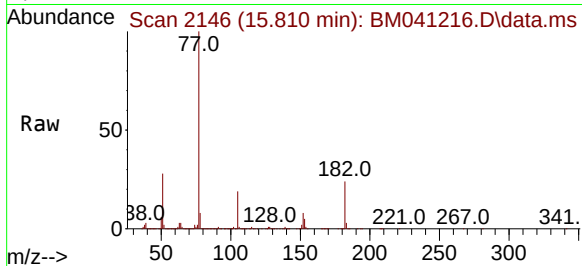




#63
Azobenzene
Concen: 40.624 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

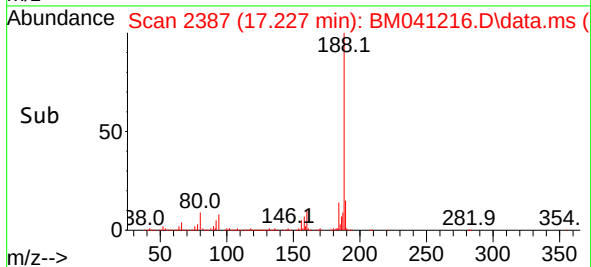
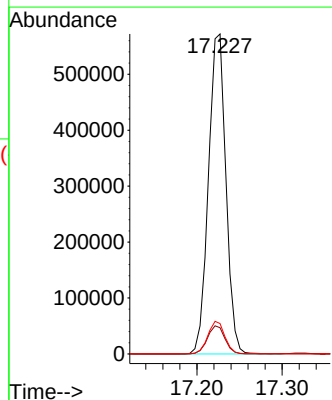
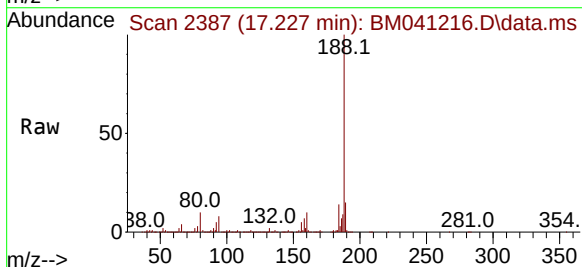
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

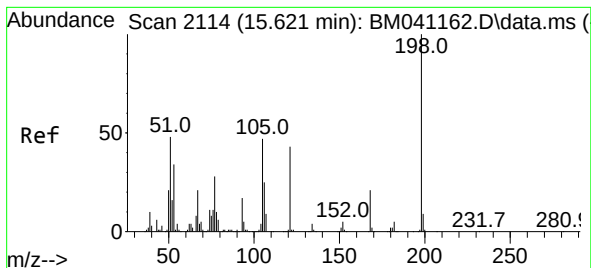
Tgt Ion: 77 Resp: 1226085
Ion Ratio Lower Upper
77 100
182 24.2 1.3 41.3
105 19.0 0.0 38.5
51 27.8 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2387
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:188 Resp: 815950
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.5 8.6 13.0

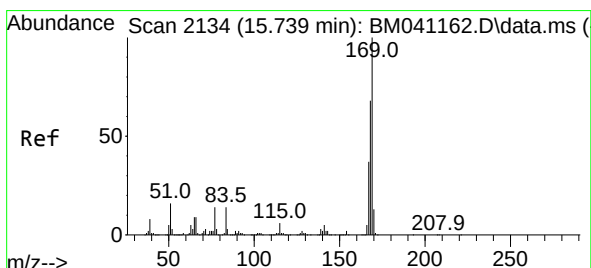
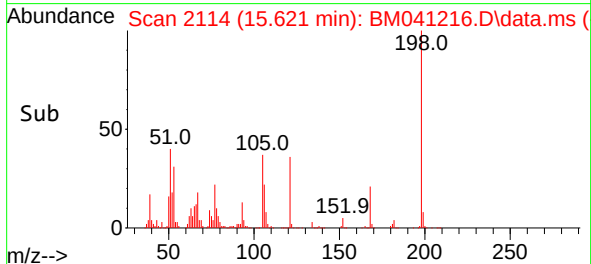
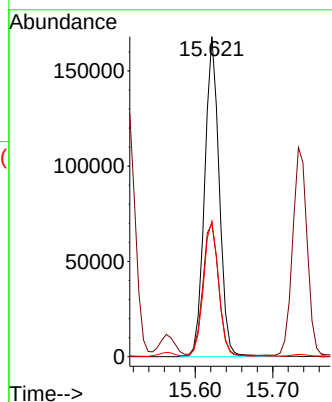
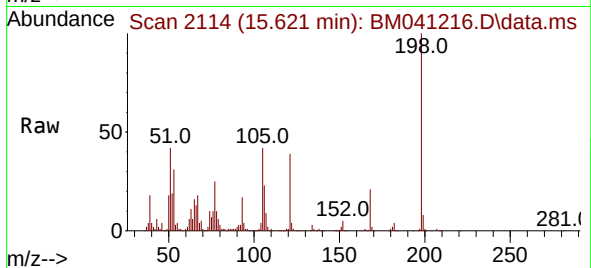




#65
4,6-Dinitro-2-methylphenol
Concen: 44.443 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

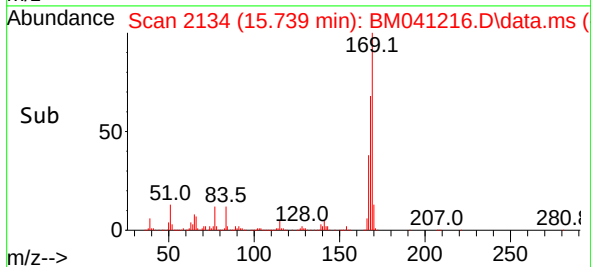
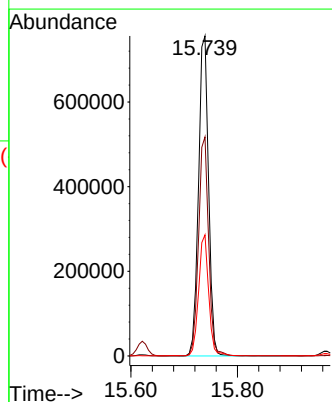
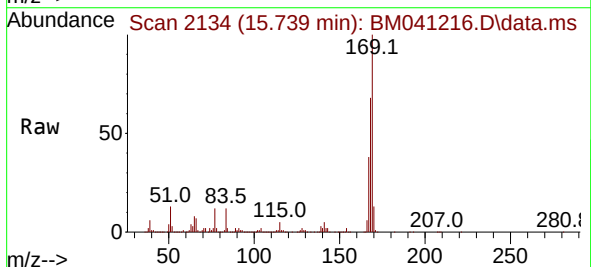
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

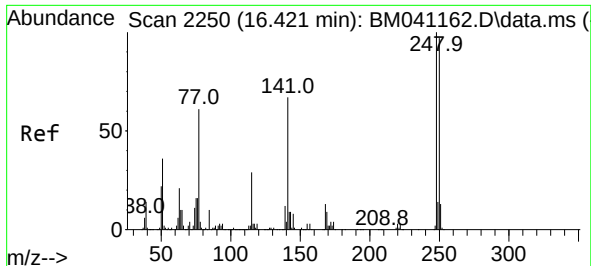
Tgt Ion:198 Resp: 219682
Ion Ratio Lower Upper
198 100
51 41.7 31.7 71.7
105 42.3 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 39.083 ng
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:169 Resp: 991800
Ion Ratio Lower Upper
169 100
168 68.4 54.6 81.8
167 37.9 29.9 44.9

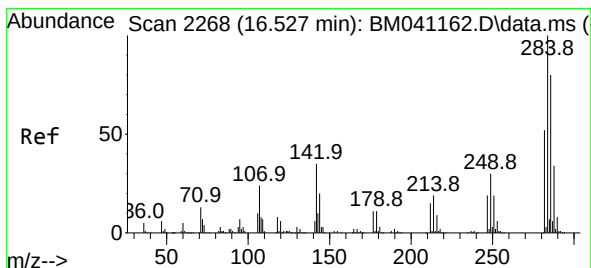
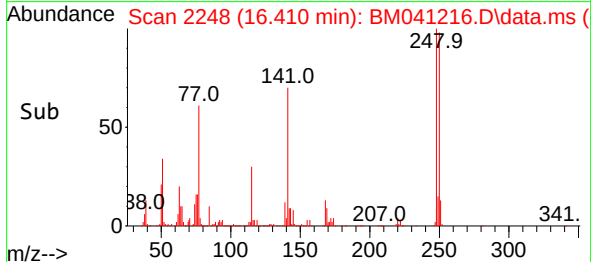
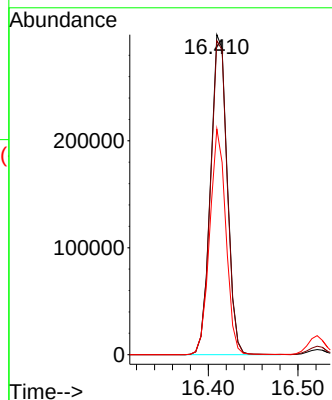
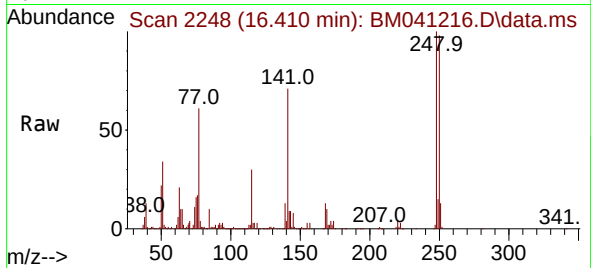




#67
4-Bromophenyl-phenylether
Concen: 43.207 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

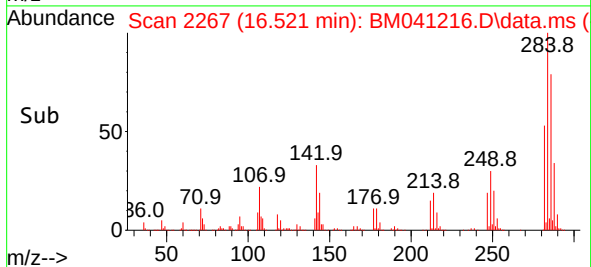
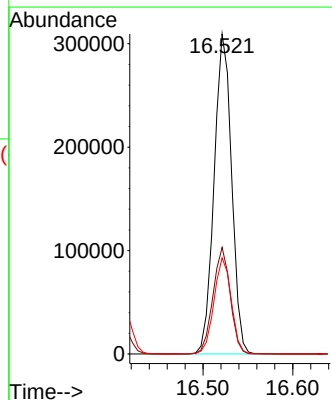
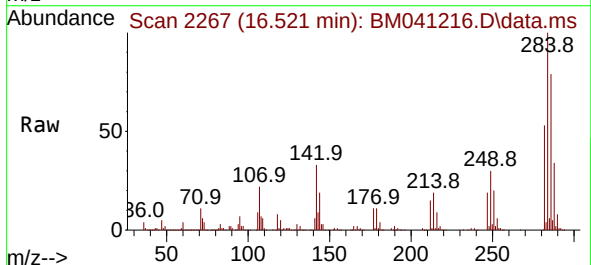
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

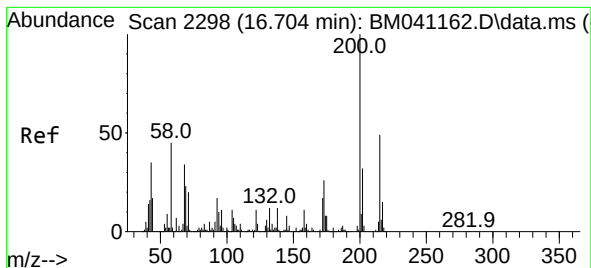
Tgt Ion:248 Resp: 386543
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 70.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 42.058 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:284 Resp: 418386
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 30.1 23.7 35.5





#69

Atrazine

Concen: 45.429 ng

RT: 16.698 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

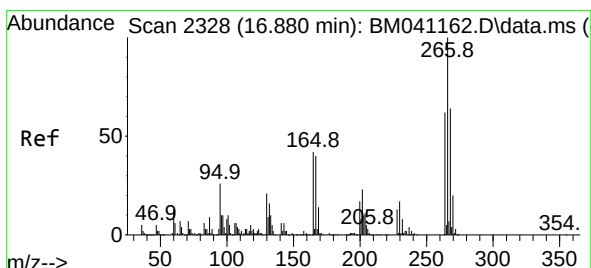
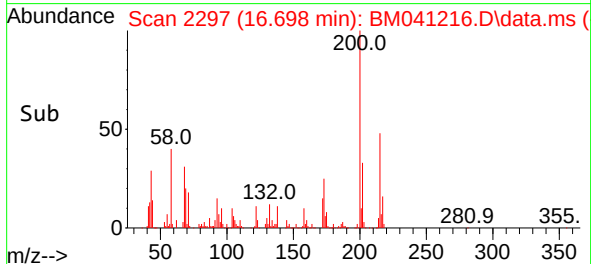
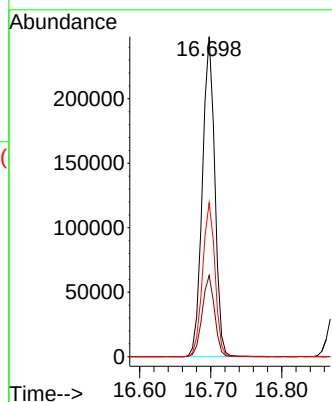
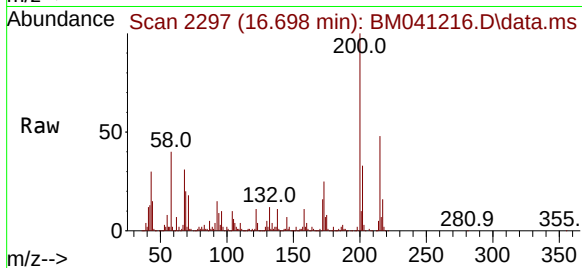
Tgt Ion:200 Resp: 302753

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

215 48.1 28.5 68.5



#70

Pentachlorophenol

Concen: 44.733 ng

RT: 16.874 min Scan# 2327

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

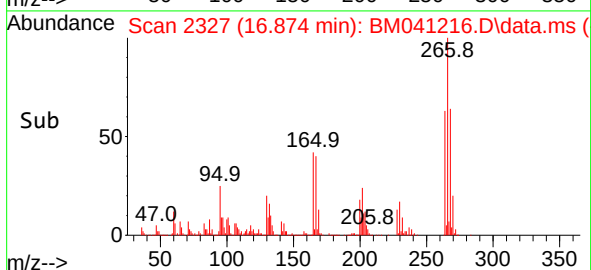
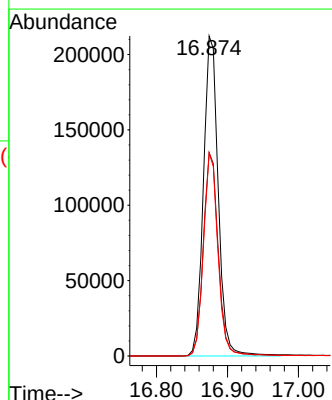
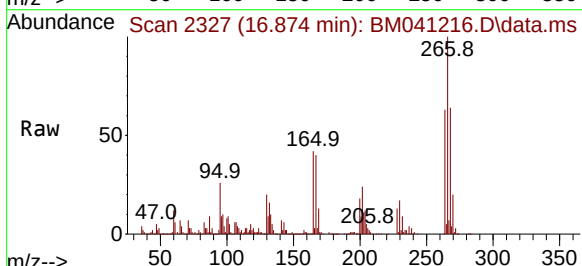
Tgt Ion:266 Resp: 308144

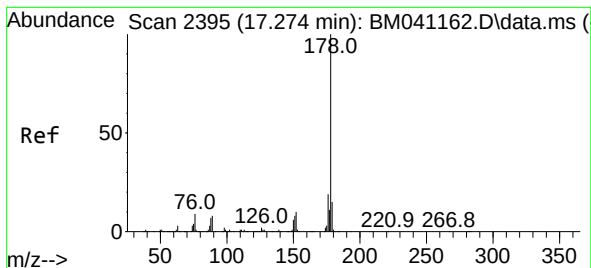
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.4 49.4 74.2





#71

Phenanthrene

Concen: 38.975 ng

RT: 17.268 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

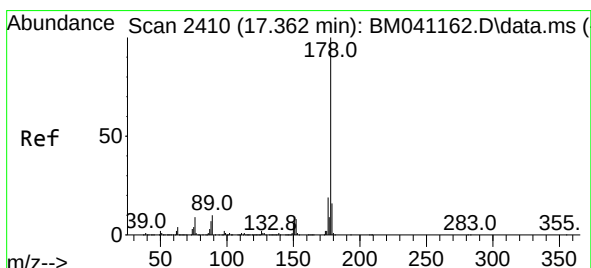
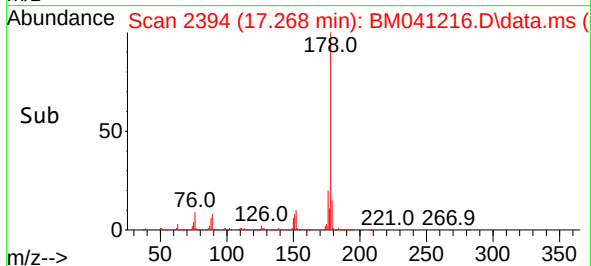
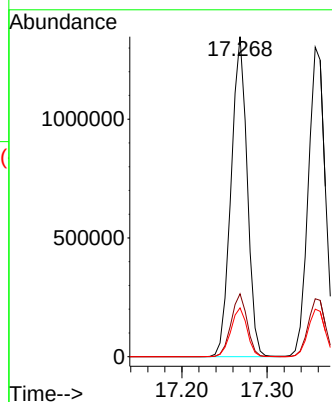
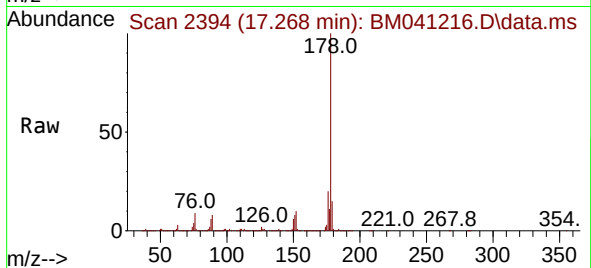
Tgt Ion:178 Resp: 1766899

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.3 12.1 18.1



#72

Anthracene

Concen: 40.365 ng

RT: 17.357 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

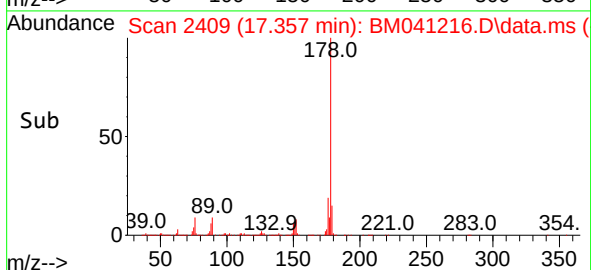
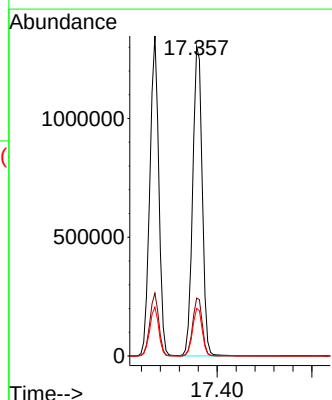
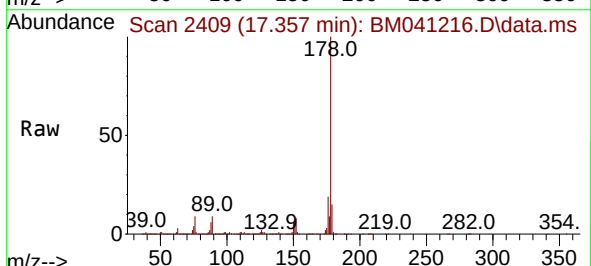
Tgt Ion:178 Resp: 1809845

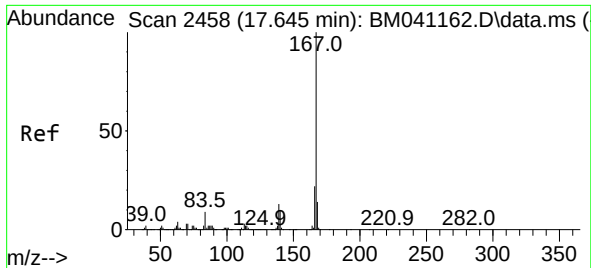
Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.4 12.4 18.6

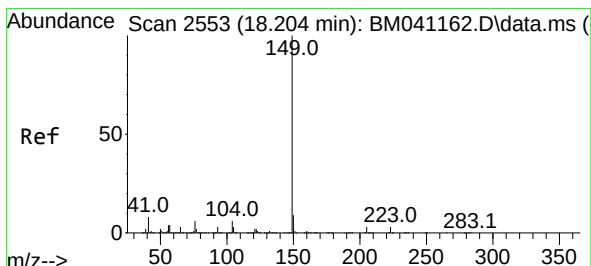
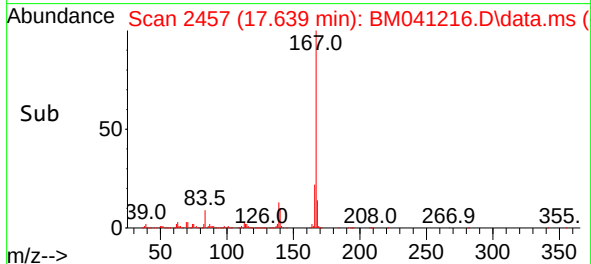
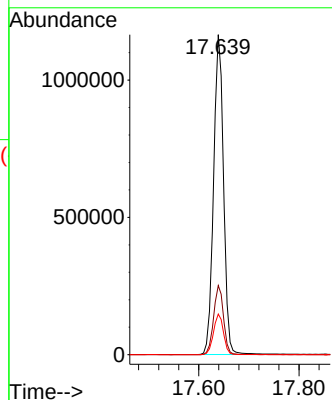
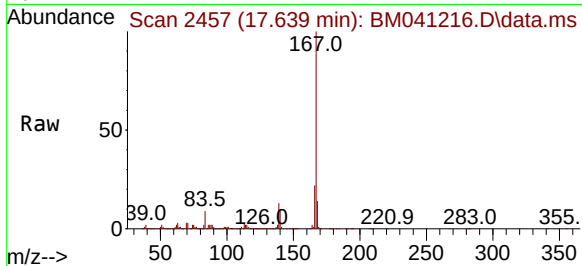




#73
 Carbazole
 Concen: 39.580 ng
 RT: 17.639 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM041216.D
 Acq: 01 Aug 2023 09:32

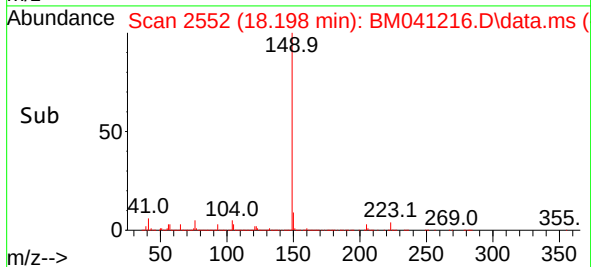
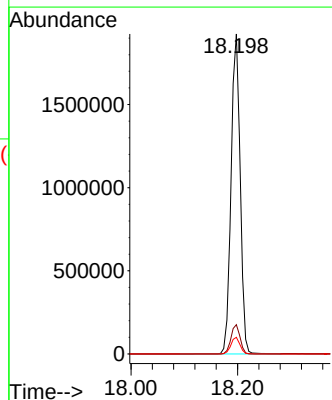
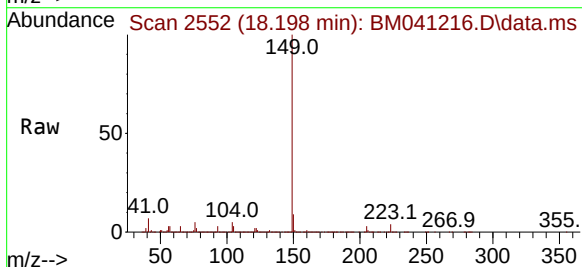
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

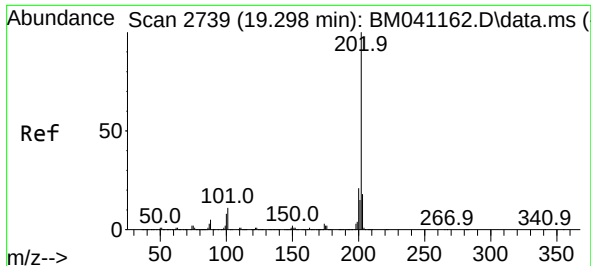
Tgt Ion:167 Resp: 1606245
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 49.566 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. -0.000 min
 Lab File: BM041216.D
 Acq: 01 Aug 2023 09:32

Tgt Ion:149 Resp: 2272991
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 4.5 6.7

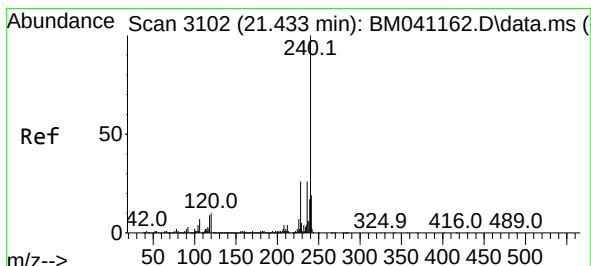
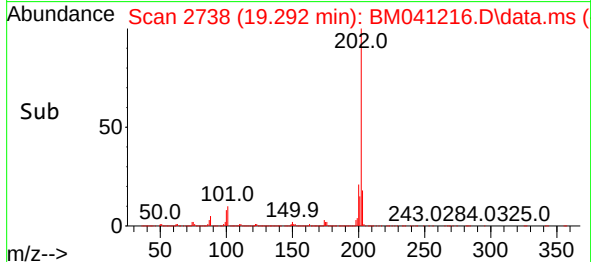
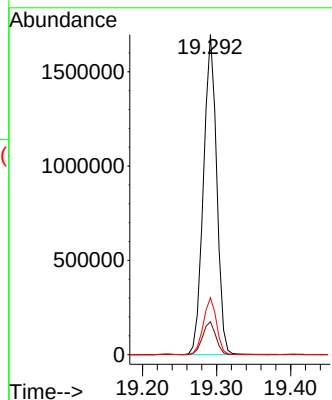
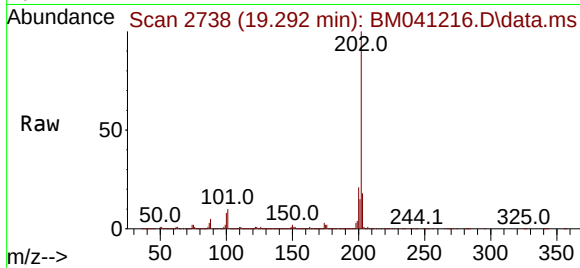




#75
Fluoranthene
Concen: 41.313 ng
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

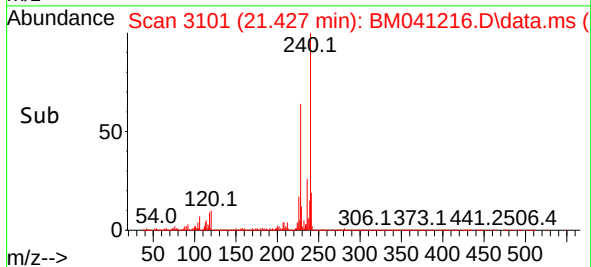
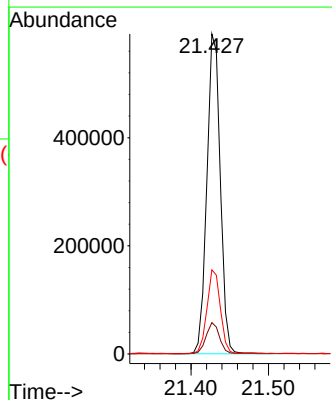
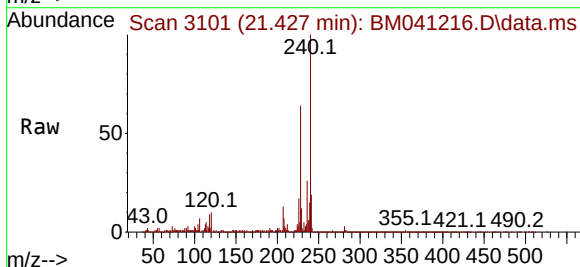
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

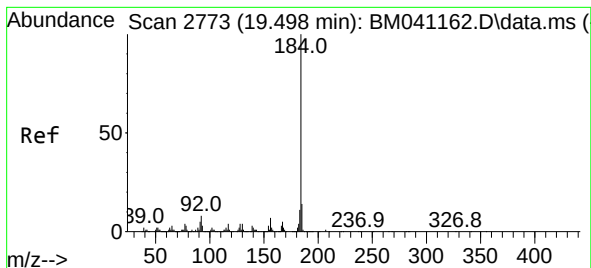
Tgt Ion:202 Resp: 2104174
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.8
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:240 Resp: 711373
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 26.3 20.6 30.8





#77

Benzidine

Concen: 40.242 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

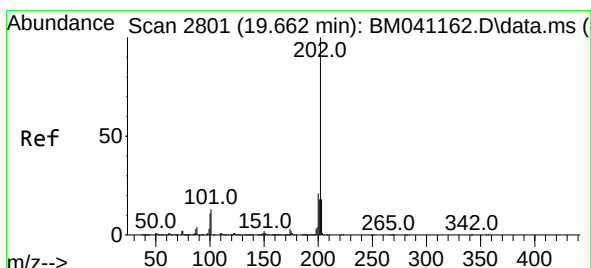
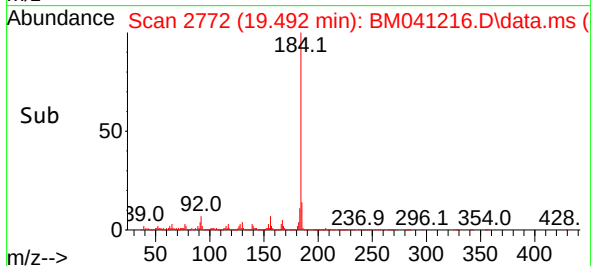
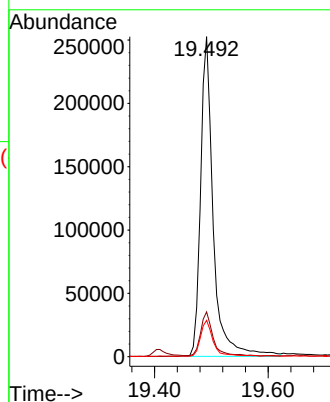
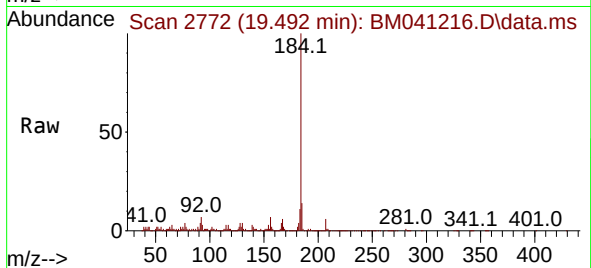
Tgt Ion:184 Resp: 390180

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.4 9.2 13.8



#78

Pyrene

Concen: 43.302 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

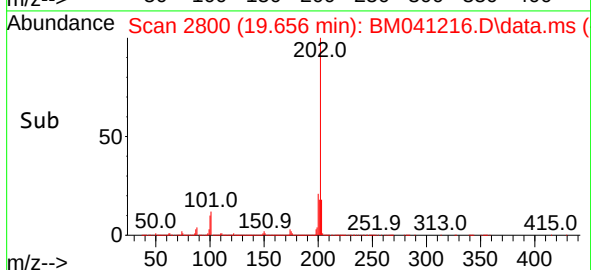
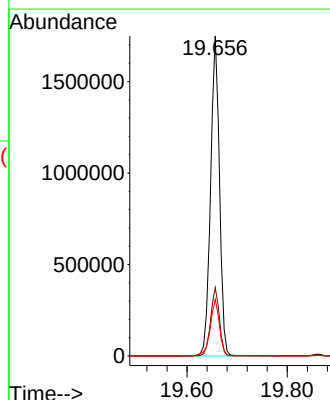
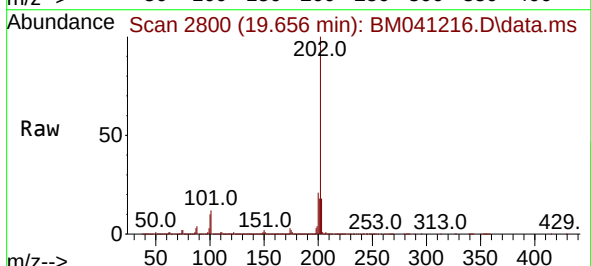
Tgt Ion:202 Resp: 2154133

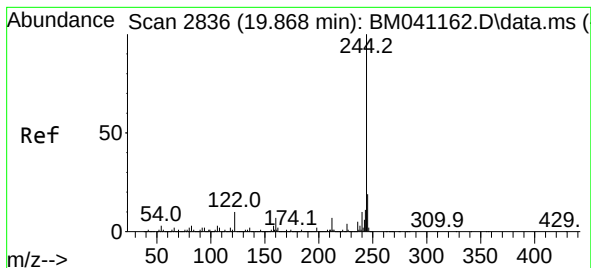
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 90.661 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

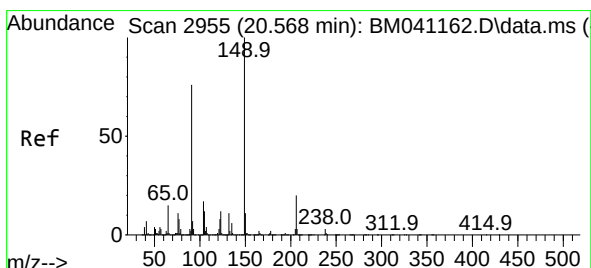
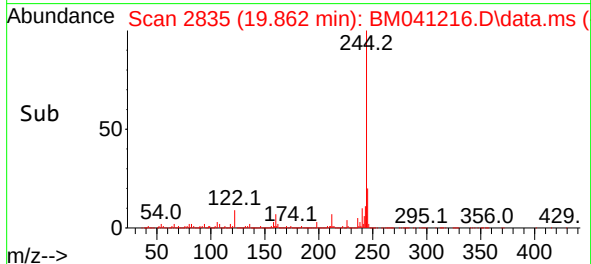
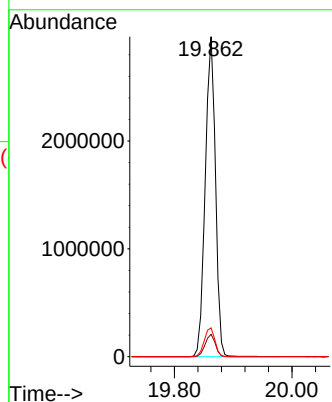
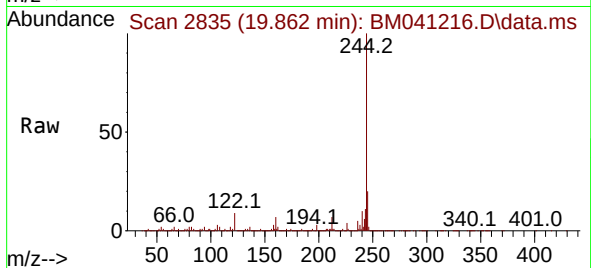
Tgt Ion:244 Resp: 3567038

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 9.0 7.8 11.6



#80

Butylbenzylphthalate

Concen: 53.842 ng

RT: 20.562 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

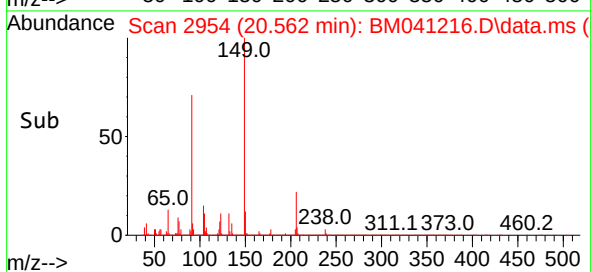
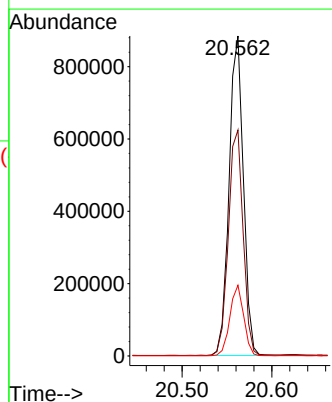
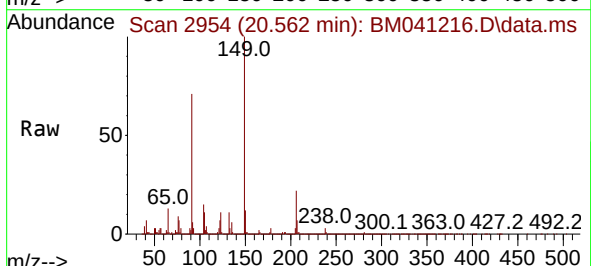
Tgt Ion:149 Resp: 978135

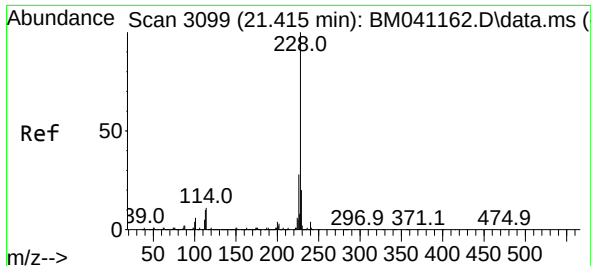
Ion Ratio Lower Upper

149 100

91 70.6 60.8 91.2

206 22.1 16.4 24.6

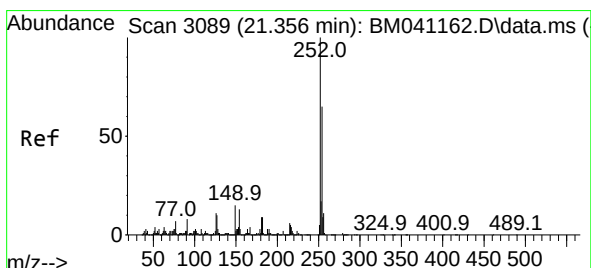
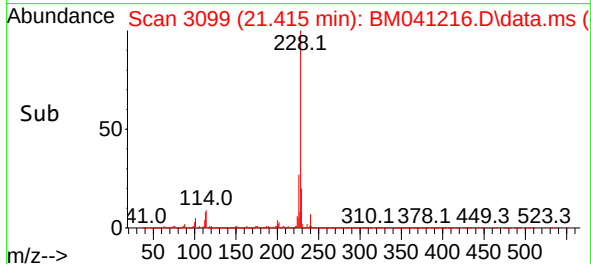
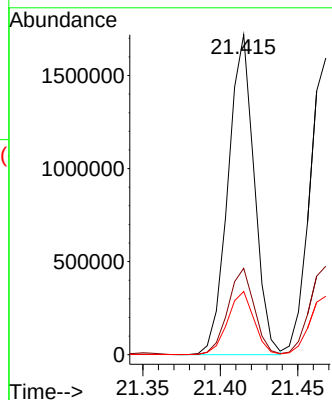
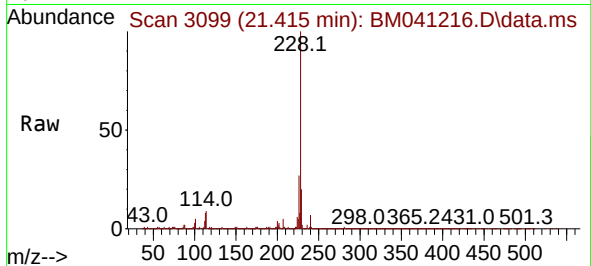




#81
Benzo(a)anthracene
Concen: 41.840 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

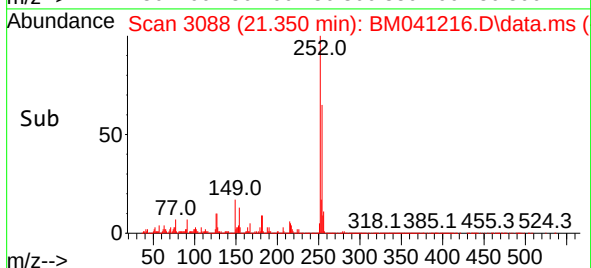
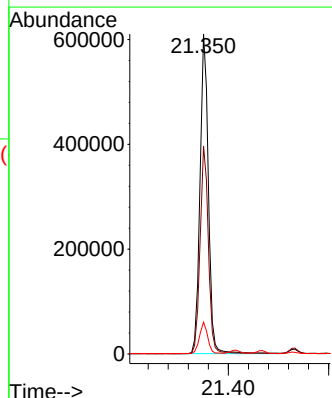
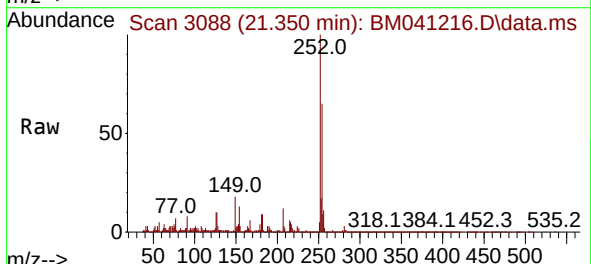
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

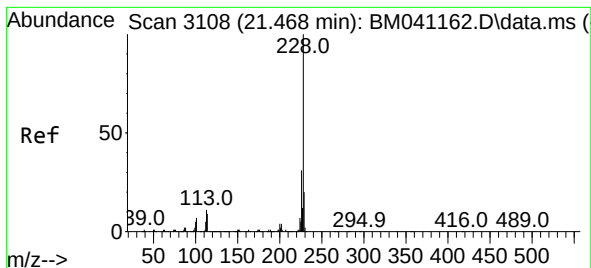
Tgt Ion:228 Resp: 2017742
Ion Ratio Lower Upper
228 100
226 27.0 22.4 33.6
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.879 ng
RT: 21.350 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:252 Resp: 706231
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 10.0 8.6 13.0





#83

Chrysene

Concen: 40.671 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

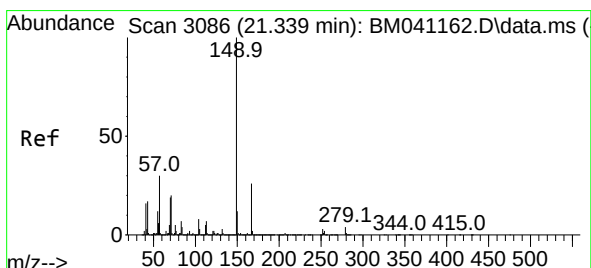
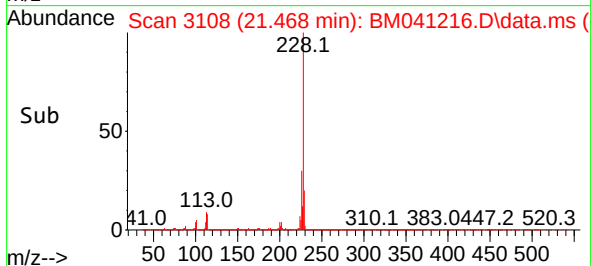
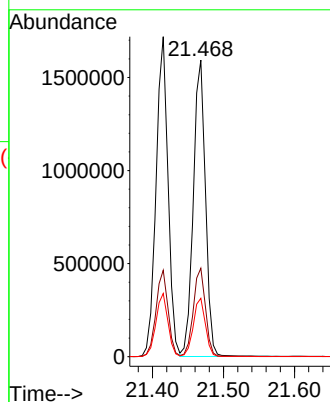
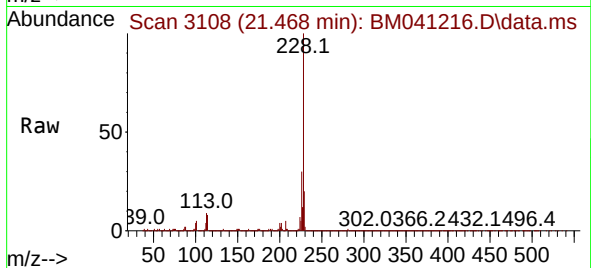
Tgt Ion:228 Resp: 1897101

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.957 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

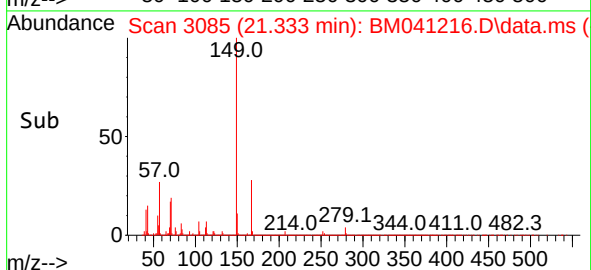
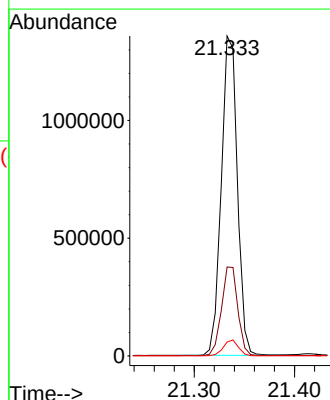
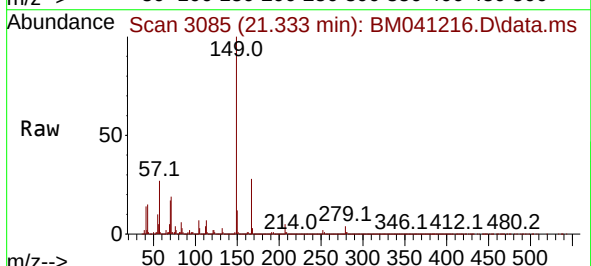
Tgt Ion:149 Resp: 1505345

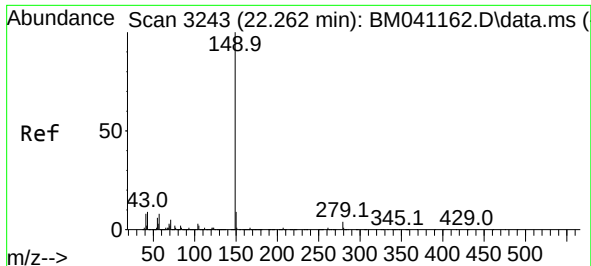
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 4.3 3.1 4.7

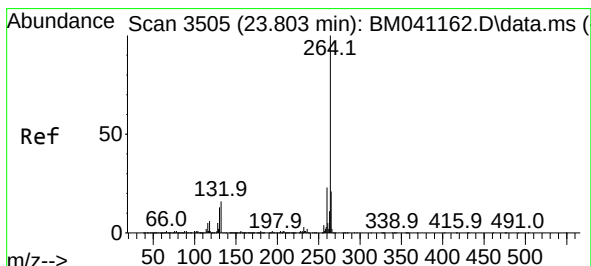
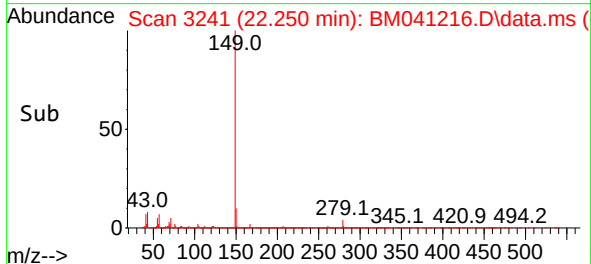
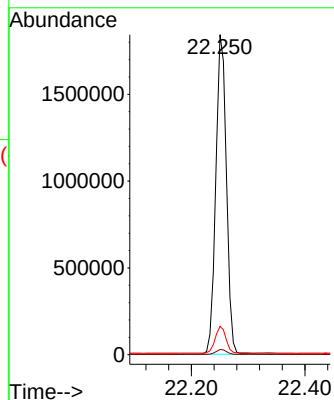
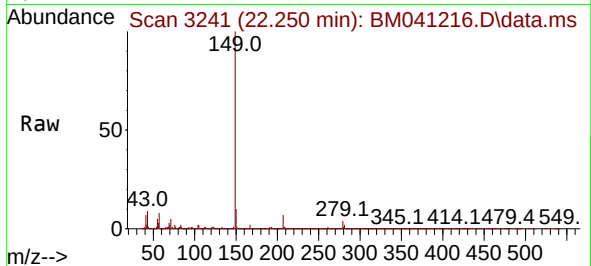




#85
Di-n-octyl phthalate
Concen: 51.851 ng
RT: 22.250 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

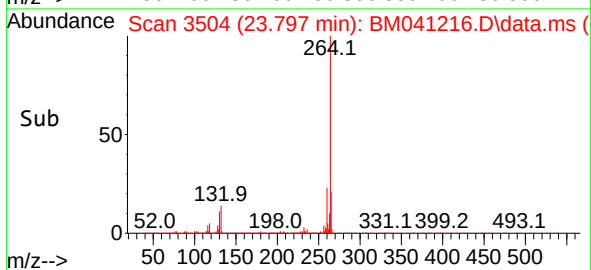
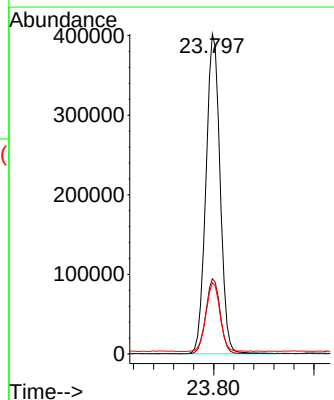
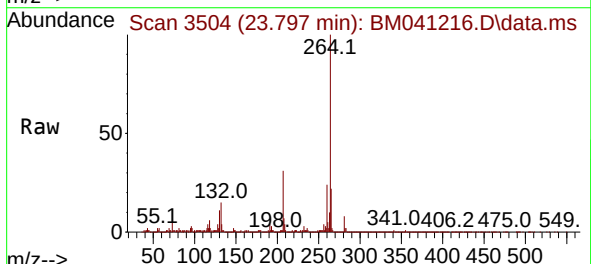
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

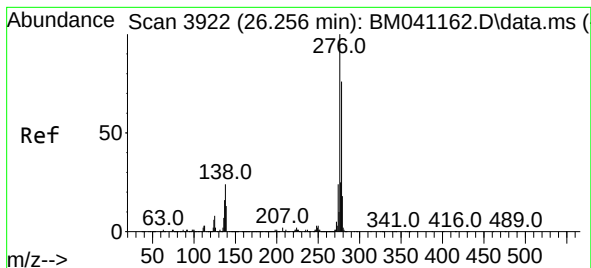
Tgt Ion:149 Resp: 2380659
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.797 min Scan# 3504
Delta R.T. -0.000 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:264 Resp: 786689
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.199 ng

RT: 26.256 min Scan# 3922

Delta R.T. 0.012 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

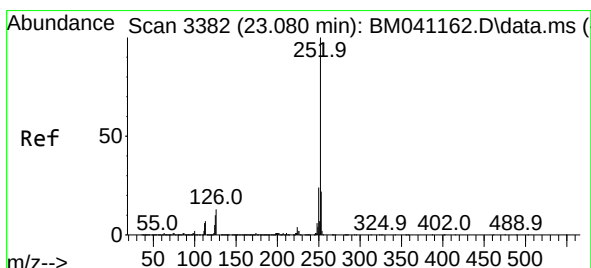
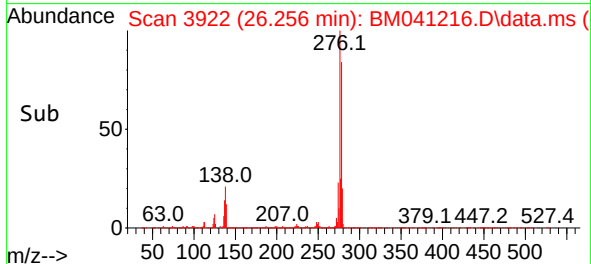
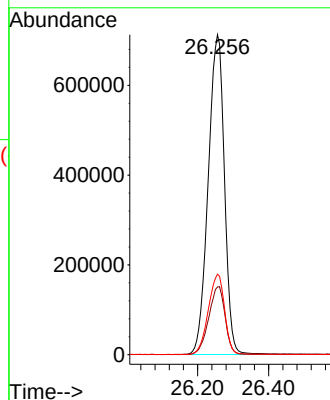
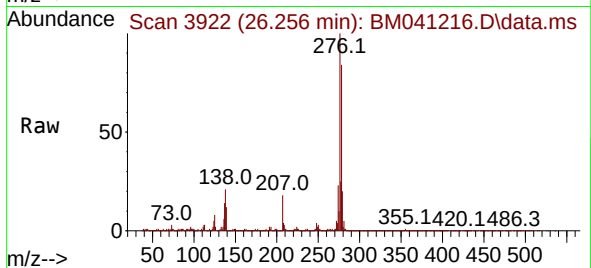
Tgt Ion:276 Resp: 2267192

Ion Ratio Lower Upper

276 100

138 21.3 20.0 30.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.313 ng

RT: 23.080 min Scan# 3382

Delta R.T. 0.006 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

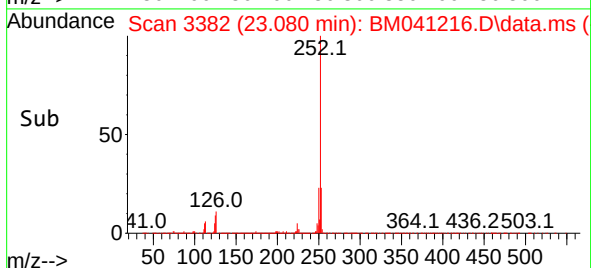
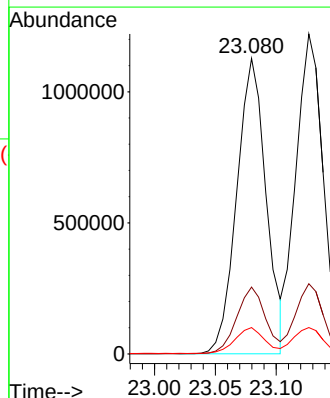
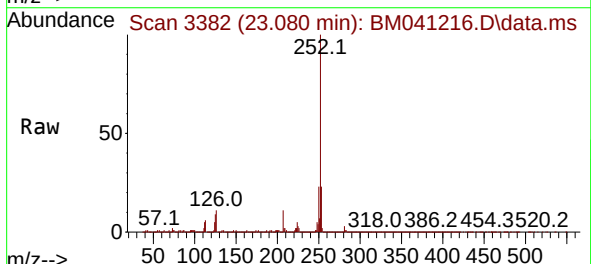
Tgt Ion:252 Resp: 1884011

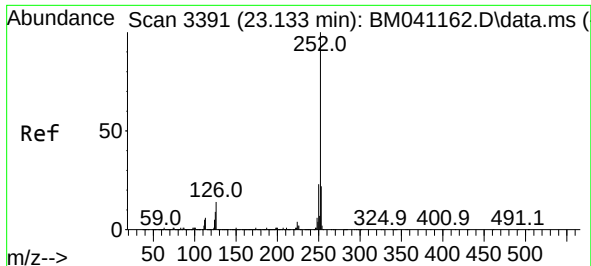
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 8.9 8.2 12.4

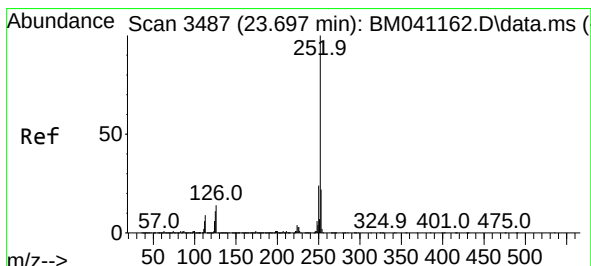
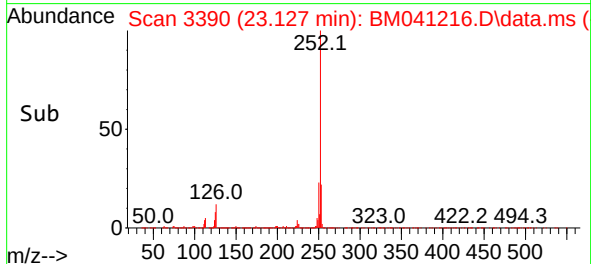
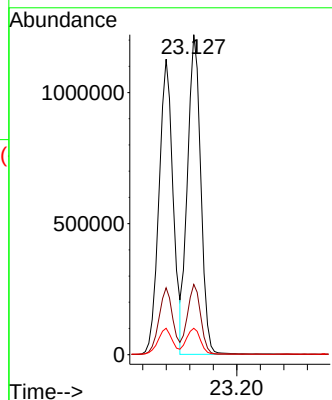
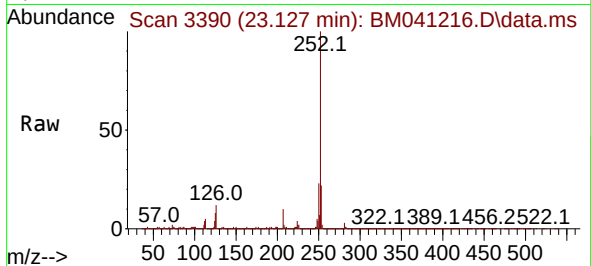




#89
Benzo(k)fluoranthene
Concen: 40.045 ng
RT: 23.127 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

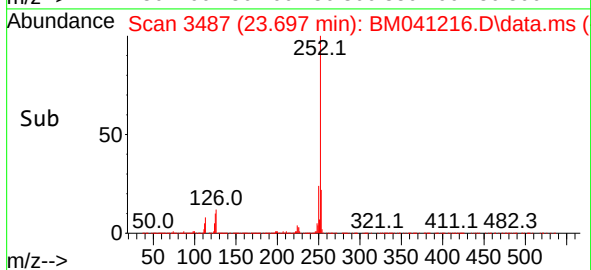
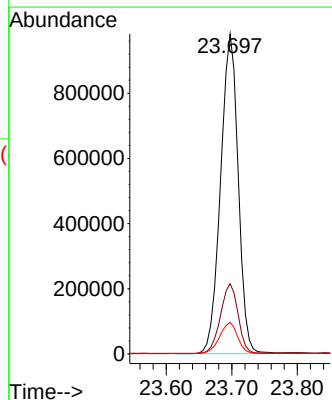
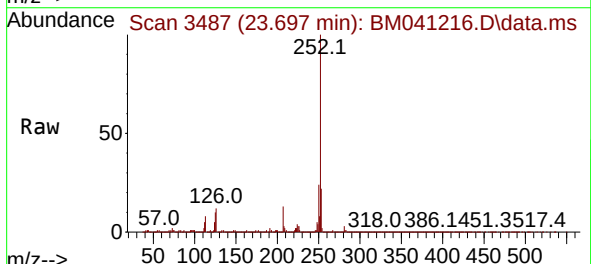
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

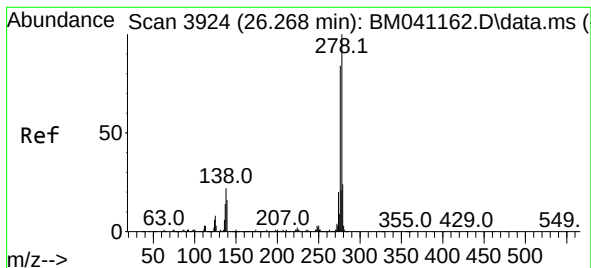
Tgt Ion:252 Resp: 1914355
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.3 7.6 11.4



#90
Benzo(a)pyrene
Concen: 40.631 ng
RT: 23.697 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM041216.D
Acq: 01 Aug 2023 09:32

Tgt Ion:252 Resp: 1824535
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.9 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 39.712 ng

RT: 26.268 min Scan# 3924

Delta R.T. 0.012 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

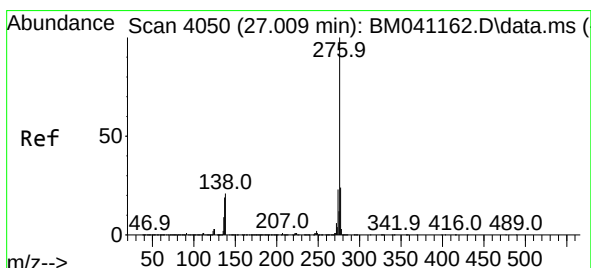
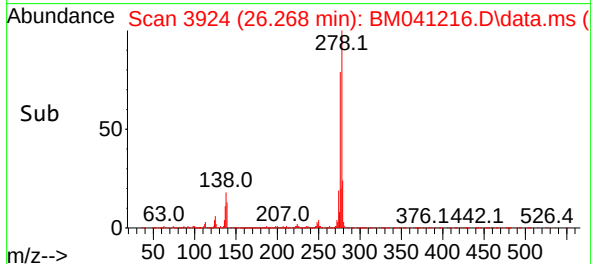
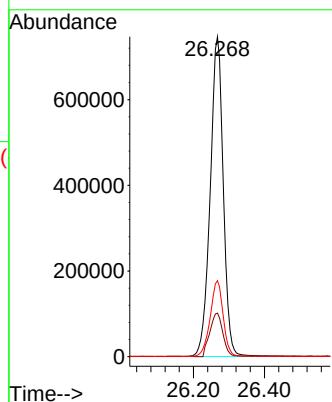
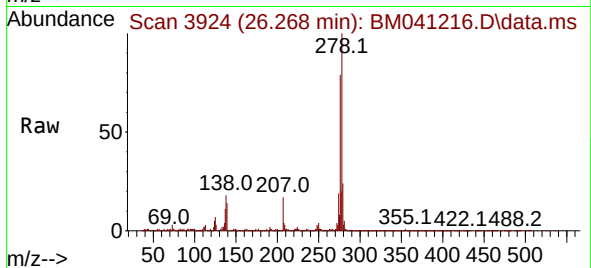
Tgt Ion:278 Resp: 1915814

Ion Ratio Lower Upper

278 100

139 13.6 12.7 19.1

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 38.362 ng

RT: 27.009 min Scan# 4050

Delta R.T. 0.012 min

Lab File: BM041216.D

Acq: 01 Aug 2023 09:32

Tgt Ion:276 Resp: 1810855

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 18.3 17.1 25.7

