

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
 Data File : BM044958.D
 Acq On : 05 Apr 2024 20:57
 Operator : MA/JU
 Sample : SST04009
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST040030

Quant Time: Apr 06 00:16:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	69580	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	285785	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.286	164	180267	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	403857	20.000	ng/u1	0.00
79) Chrysene-d12	21.256	240	457820	20.000	ng/u1	0.00
88) Perylene-d12	23.480	264	572555	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	28330	13.809	ng/uL	0.00
4) Pyridine-d5	3.604	84	202411	33.522	ng/u1	0.00
7) Phenol-d5	6.816	99	231212	32.321	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	138504	31.345	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	189629	36.072	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	181804	32.360	ng/u1	0.00
21) Nitrobenzene-d5	8.798	128	90177	37.472	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	100077	38.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	179092	40.562	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	272131	37.111	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	524197	37.070	ng/u1	0.00
49) Acenaphthylene-d8	13.974	160	614224	37.980	ng/u1	0.00
54) 4-Nitrophenol-d4	14.515	143	111124	37.894	ng/u1	0.00
60) Fluorene-d10	15.286	176	455692	38.347	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	96899	36.963	ng/u1	0.00
73) Anthracene-d10	17.145	188	747541	38.724	ng/u1	0.00
81) Pyrene-d10	19.450	212	926370	32.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.344	264	1157475	38.462	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	30308	14.270	ng/uL	94
5) Pyridine	3.622	79	210614	33.630	ng/u1	98
6) Benzaldehyde	6.798	77	115694	37.131	ng/u1	96
8) Phenol	6.840	94	239240	32.769	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.081	93	188216	31.396	ng/u1	96
12) 2-Chlorophenol	7.204	128	195283	36.015	ng/u1	99
13) 2-Methylphenol	8.081	108	175172	31.618	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.157	45	219804	27.764	ng/u1	98
16) Acetophenone	8.463	105	288253	33.082	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.451	70	142389	31.630	ng/u1#	96
18) 4-Methylphenol	8.410	108	188200	31.206	ng/u1	97
19) Hexachloroethane	8.686	117	85246	38.380	ng/u1	97
22) Nitrobenzene	8.839	77	222239	38.942	ng/u1	97
23) Isophorone	9.363	82	404483	34.739	ng/u1	99
25) 2-Nitrophenol	9.539	139	110588	39.101	ng/u1	93
26) 2,4-Dimethylphenol	9.604	107	200592	38.978	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.845	93	238619	32.587	ng/u1	99
29) 2,4-Dichlorophenol	10.069	162	177067	40.170	ng/u1	98
30) Naphthalene	10.463	128	603944	37.312	ng/u1	99
32) 4-Chloroaniline	10.586	127	258581	36.578	ng/u1	100
33) Hexachlorobutadiene	10.727	225	107265	43.417	ng/u1	91
34) Caprolactam	11.386	113	34497	20.096	ng/u1	94
35) 4-Chloro-3-methylphenol	11.716	107	179029	35.023	ng/u1	99
36) 2-Methylnaphthalene	12.080	142	396532	36.840	ng/u1	99

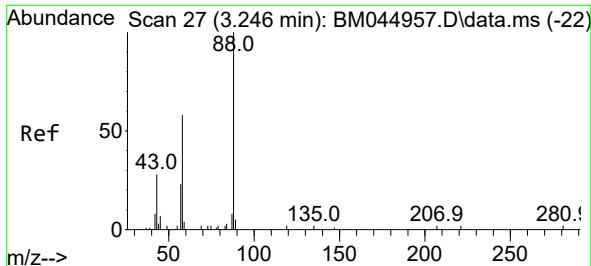
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
 Data File : BM044958.D
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	398955	37.573	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	197649	38.539	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	120400	35.366	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	137837	38.338	ng/ul	97
42) 2,4,5-Trichlorophenol	12.780	196	150692	39.111	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	512011	35.768	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	417772	37.190	ng/ul	98
45) 2-Nitroaniline	13.380	65	124778	35.382	ng/ul	99
47) Dimethylphthalate	13.757	163	536560	37.289	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	112729	39.221	ng/ul	95
50) Acenaphthylene	14.004	152	713101	37.832	ng/ul	99
51) 3-Nitroaniline	14.215	138	118276	38.098	ng/ul	95
52) Acenaphthene	14.351	153	467110	37.697	ng/ul	99
53) 2,4-Dinitrophenol	14.433	184	64026	34.825	ng/ul	99
55) 4-Nitrophenol	14.527	109	97280	47.346	ng/ul	92
56) Dibenzofuran	14.692	168	640822	38.878	ng/ul	98
57) 2,4-Dinitrotoluene	14.680	165	171070	41.233	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.921	232	131462	41.230	ng/ul	93
59) Diethylphthalate	15.133	149	560620	37.541	ng/ul	98
61) Fluorene	15.345	166	546115	40.511	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	253942	40.587	ng/ul	97
63) 4-Nitroaniline	15.392	138	111170	37.467	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	105862	37.789	ng/ul	90
67) N-Nitrosodiphenylamine	15.562	169	441246	36.276	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	157465	38.982	ng/ul	97
69) Hexachlorobenzene	16.339	284	204360	44.416	ng/ul	97
70) Atrazine	16.533	200	160189	40.301	ng/ul	99
71) Pentachlorophenol	16.692	266	125681	41.368	ng/ul	99
72) Phenanthrene	17.086	178	869251	37.942	ng/ul	99
74) Anthracene	17.180	178	902252	38.941	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	201298	37.318	ng/uL	97
76) Pentachlorobenzene	14.604	250	214800	41.188	ng/uL	99
77) Carbazole	17.462	167	855659	39.300	ng/ul	99
78) Di-n-butylphthalate	18.033	149	1050407	35.868	ng/ul	100
80) Fluoranthene	19.115	202	1089667	32.586	ng/ul	100
82) Pyrene	19.480	202	1160004	33.320	ng/ul	99
83) Butylbenzylphthalate	20.403	149	524336	30.630	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	436385	44.065	ng/ul	98
85) Benzo(a)anthracene	21.239	228	1269524	36.926	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	859170	34.423	ng/ul	100
87) Chrysene	21.291	228	1182753	37.158	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	1452222	28.342	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	1421319	37.099	ng/ul	99
91) Benzo(k)fluoranthene	22.862	252	1361860	36.294	ng/ul	99
93) Benzo(a)pyrene	23.385	252	1348018	37.614	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.727	276	1729055	43.015	ng/ul	98
95) Dibenzo(a,h)anthracene	25.738	278	1458739	43.523	ng/ul	98
96) Benzo(g,h,i)perylene	26.409	276	1345714	41.952	ng/ul	99

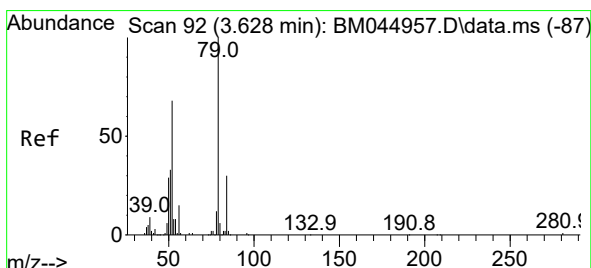
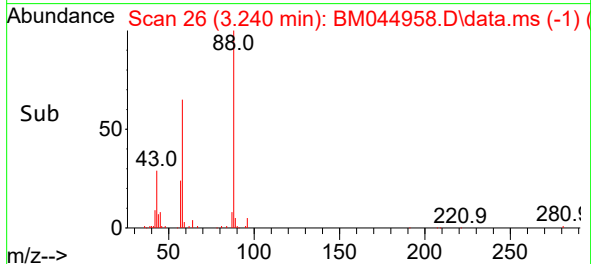
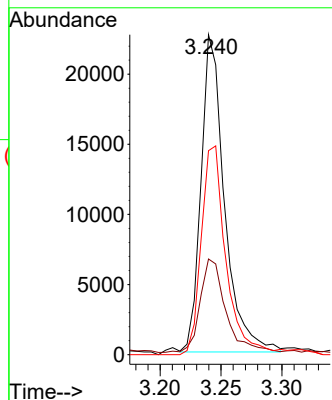
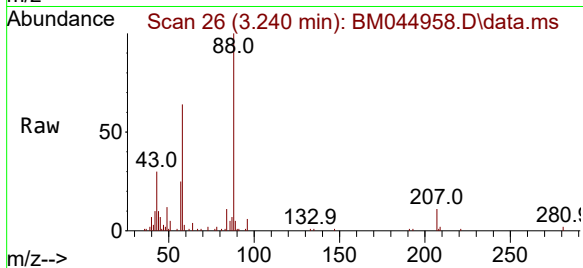
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#2
1,4-Dioxane
Concen: 14.270 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

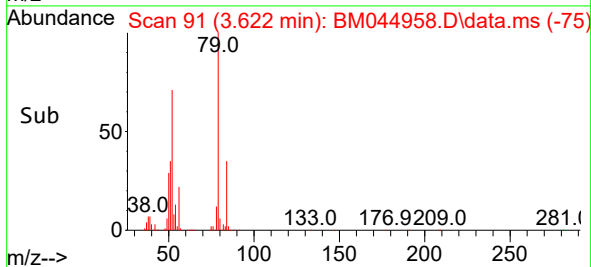
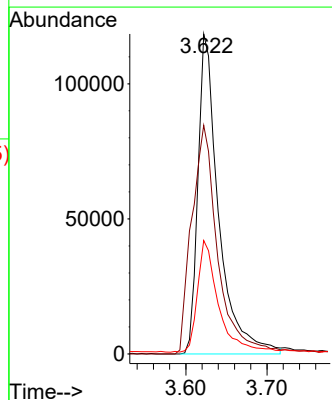
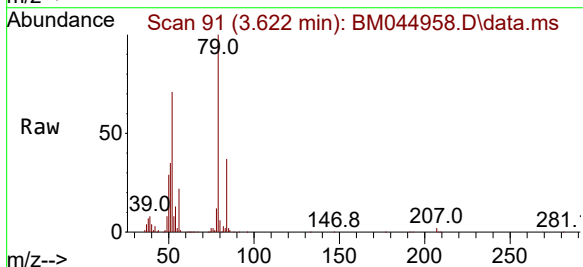
Instrument :
BNA_M
ClientSampleId :
SSTD040030

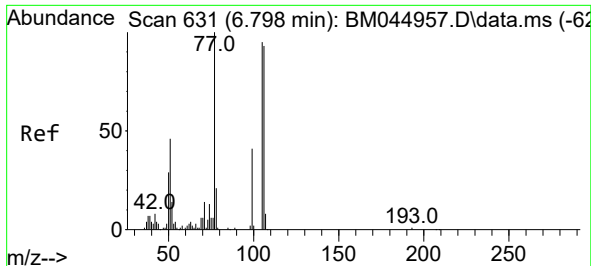
Tgt Ion: 88 Resp: 30308
Ion Ratio Lower Upper
88 100
43 29.9 24.0 36.0
58 63.7 45.4 68.2



#5
Pyridine
Concen: 33.630 ng/uL
RT: 3.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion: 79 Resp: 210614
Ion Ratio Lower Upper
79 100
52 71.5 56.0 84.0
51 35.4 27.6 41.4

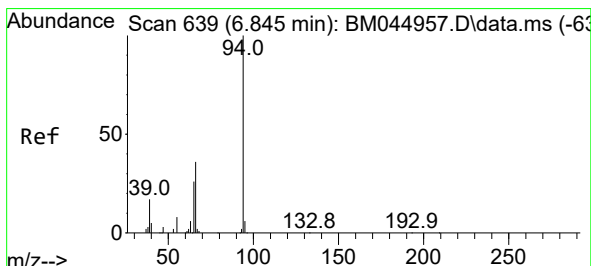
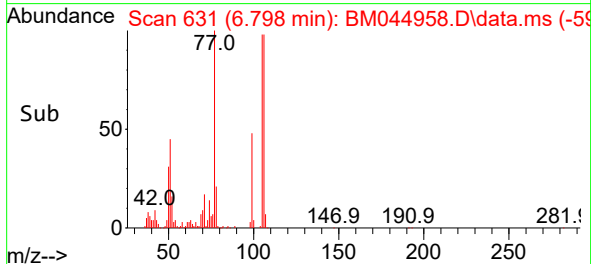
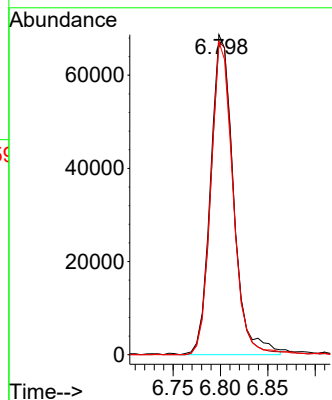
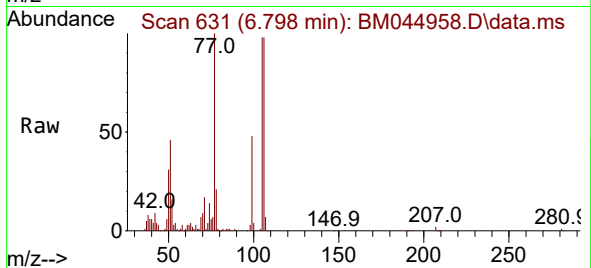




#6
Benzaldehyde
Concen: 37.131 ng/ul
RT: 6.798 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

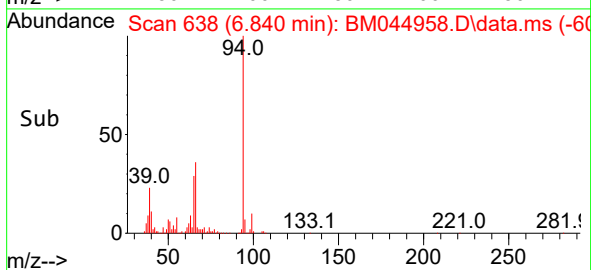
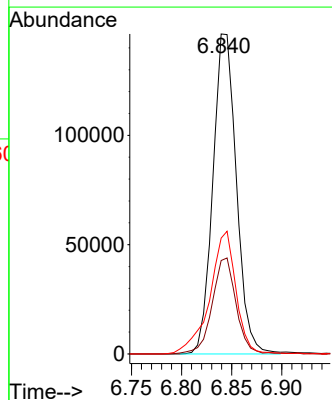
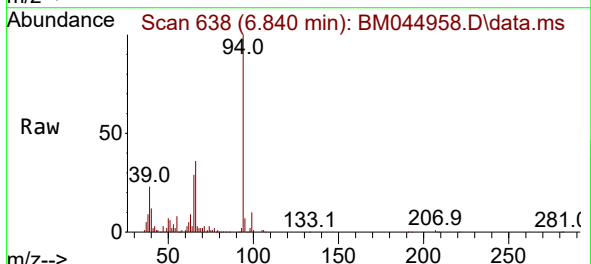
Instrument :
BNA_M
ClientSampleId :
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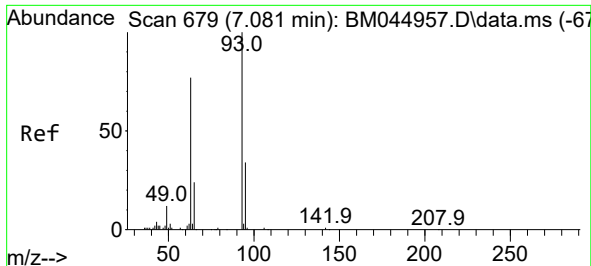
Tgt Ion: 77 Resp: 115694
Ion Ratio Lower Upper
77 100
105 97.8 75.8 113.6
106 97.8 74.6 112.0



#8
Phenol
Concen: 32.769 ng/ul
RT: 6.840 min Scan# 638
Delta R.T. -0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion: 94 Resp: 239240
Ion Ratio Lower Upper
94 100
65 29.2 21.7 32.5
66 36.2 31.9 47.9





#10

Bis(2-Chloroethyl)ether

Concen: 31.396 ng/ul

RT: 7.081 min Scan# 679

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

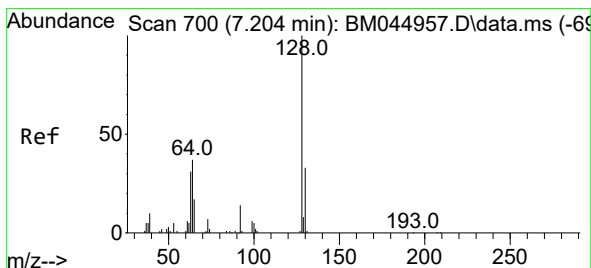
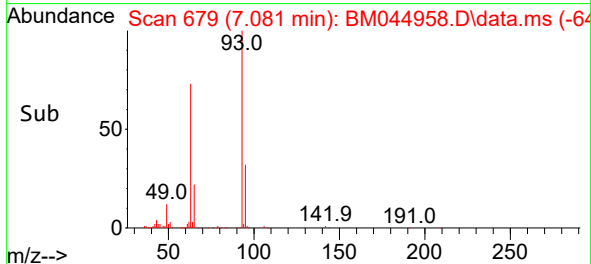
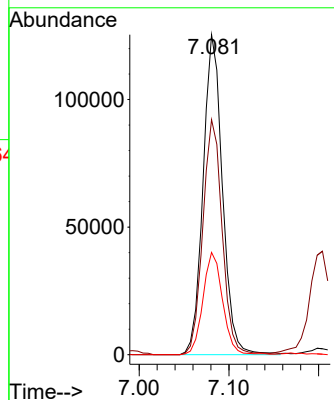
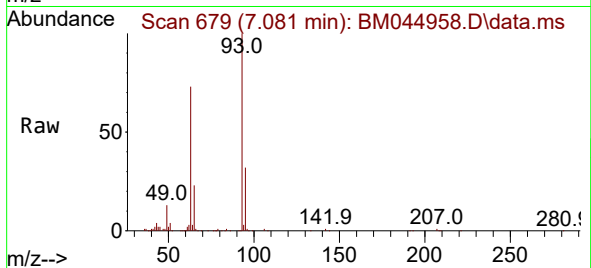
Tgt Ion: 93 Resp: 188216

Ion Ratio Lower Upper

93 100

63 73.5 61.3 91.9

95 31.9 27.6 41.4



#12

2-Chlorophenol

Concen: 36.015 ng/ul

RT: 7.204 min Scan# 700

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

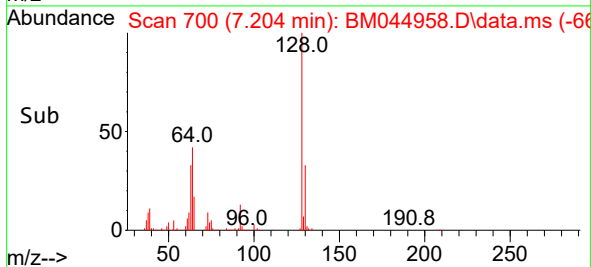
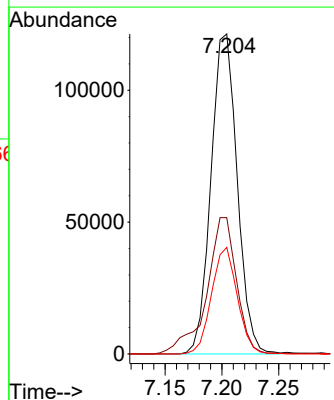
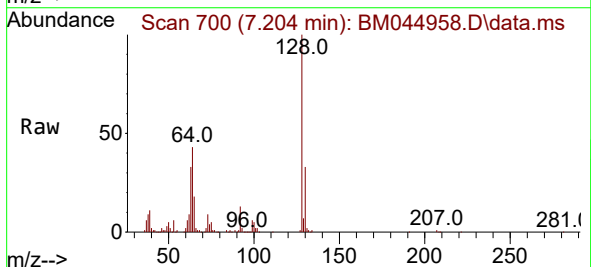
Tgt Ion:128 Resp: 195283

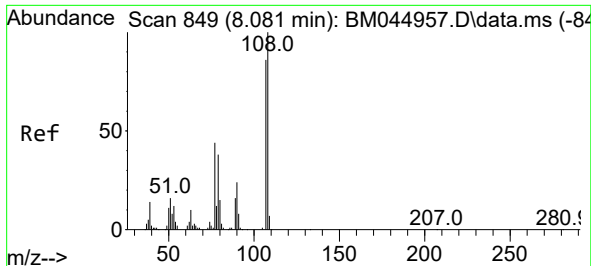
Ion Ratio Lower Upper

128 100

64 42.6 33.3 49.9

130 33.3 26.2 39.4





#13

2-Methylphenol

Concen: 31.618 ng/ul

RT: 8.081 min Scan# 849

Delta R.T. 0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

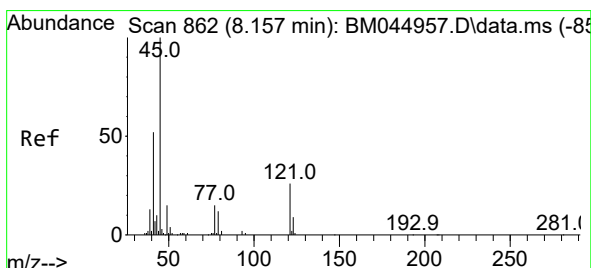
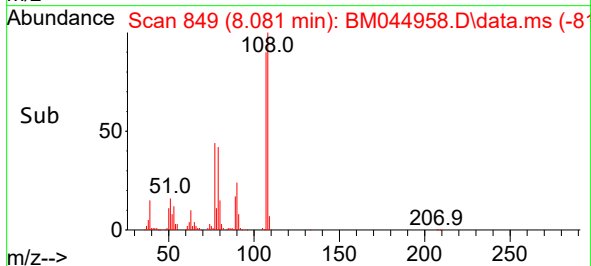
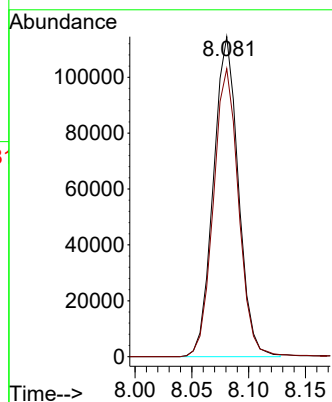
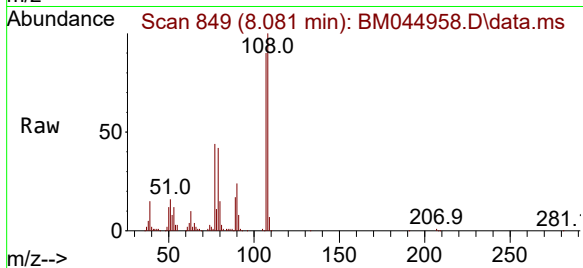
SSTD040030

Tgt Ion:108 Resp: 175172

Ion Ratio Lower Upper

108 100

107 90.0 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.764 ng/ul

RT: 8.157 min Scan# 862

Delta R.T. 0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

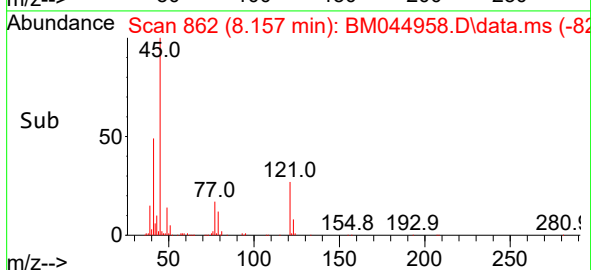
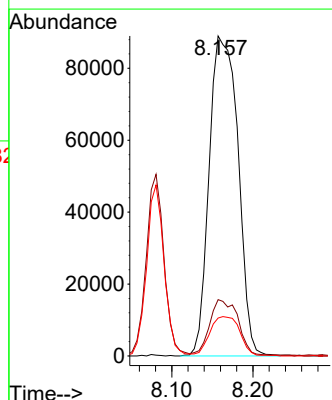
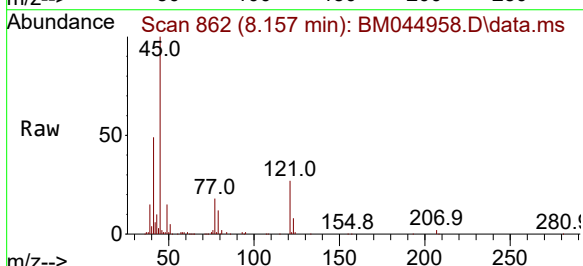
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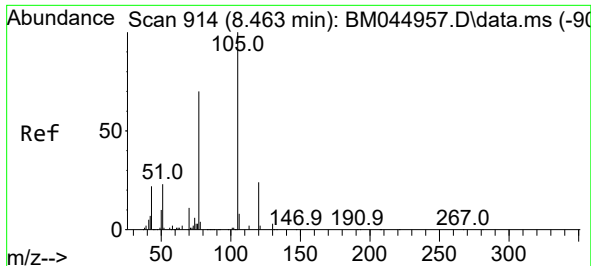
Ion Ratio Lower Upper

45 100

77 17.6 13.4 20.0

79 11.8 10.1 15.1

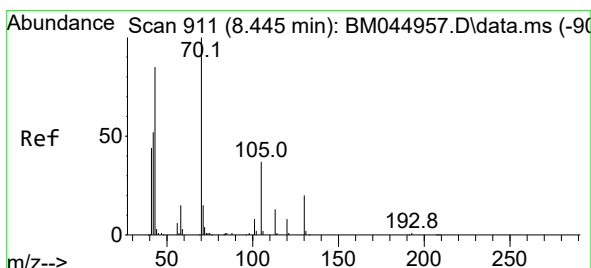
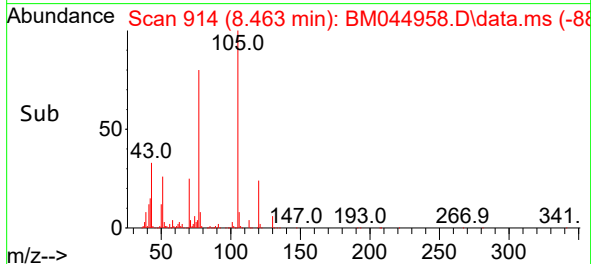
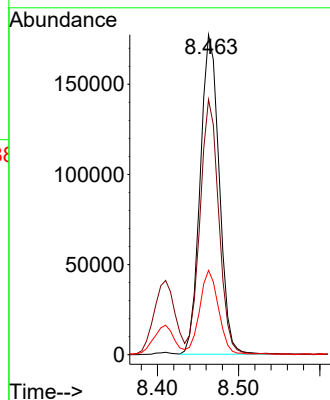
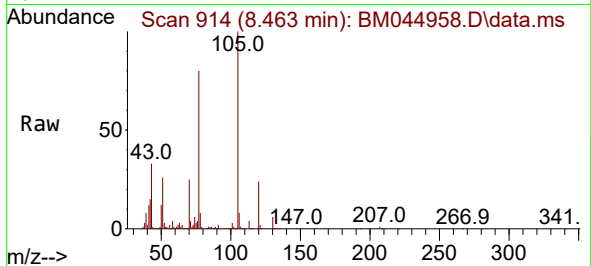




#16
Acetophenone
Concen: 33.082 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

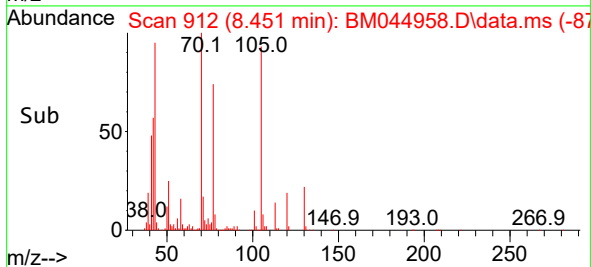
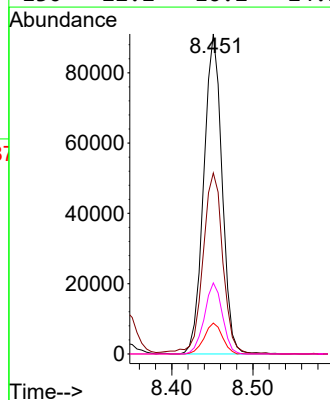
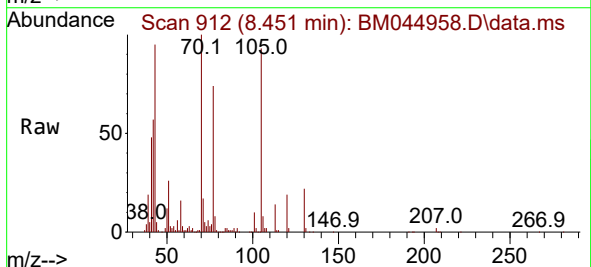
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ClientSampleId :
SSTD040030

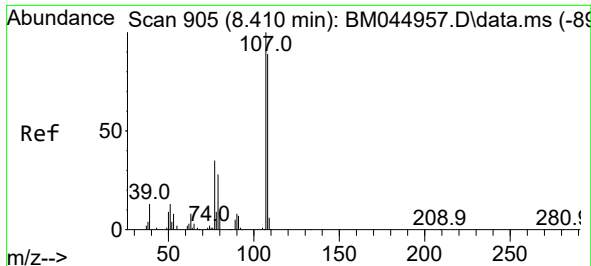
Tgt Ion:105 Resp: 288253
Ion Ratio Lower Upper
105 100
77 79.8 65.8 98.6
51 26.4 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 31.630 ng/ul
RT: 8.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion: 70 Resp: 142389
Ion Ratio Lower Upper
70 100
42 56.5 43.2 64.8
101 9.6 6.4 9.6#
130 22.2 16.2 24.2





#18

4-Methylphenol

Concen: 31.206 ng/ul

RT: 8.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

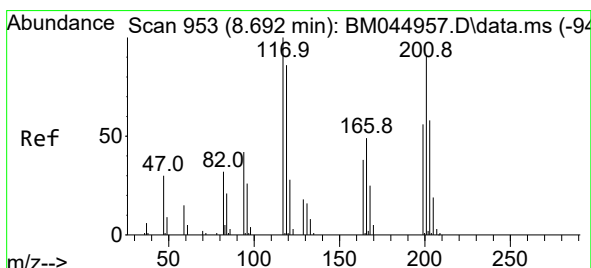
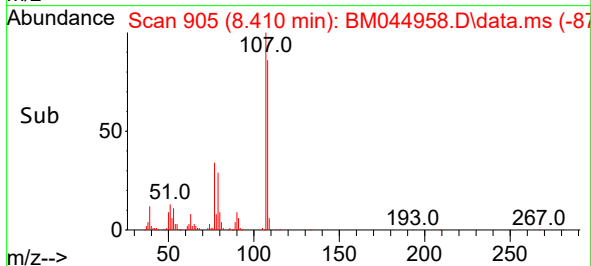
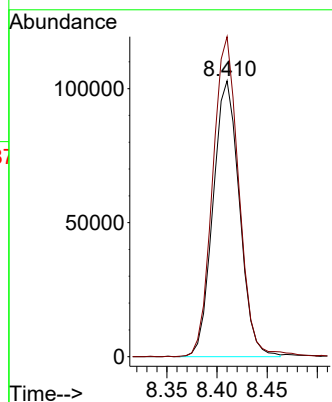
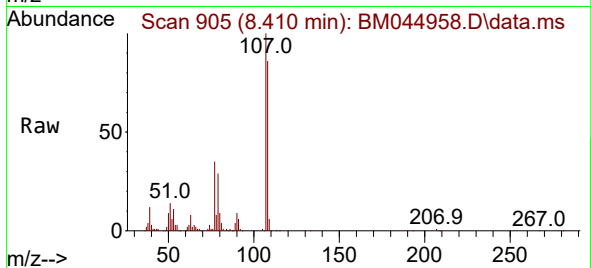
SSTD040030

Tgt Ion:108 Resp: 188200

Ion Ratio Lower Upper

108 100

107 116.0 90.0 135.0



#19

Hexachloroethane

Concen: 38.380 ng/ul

RT: 8.686 min Scan# 952

Delta R.T. -0.006 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

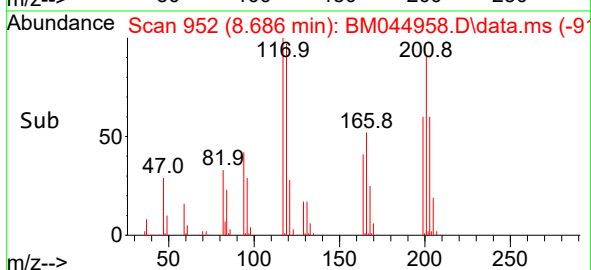
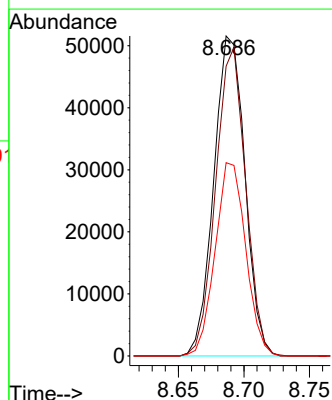
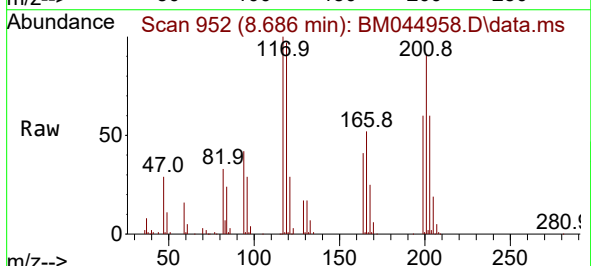
Tgt Ion:117 Resp: 85246

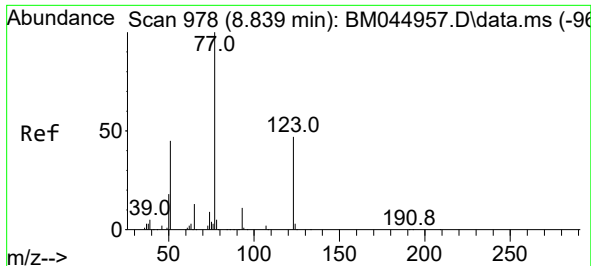
Ion Ratio Lower Upper

117 100

201 90.6 73.0 109.4

199 60.4 44.4 66.6





#22

Nitrobenzene

Concen: 38.942 ng/ul

RT: 8.839 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

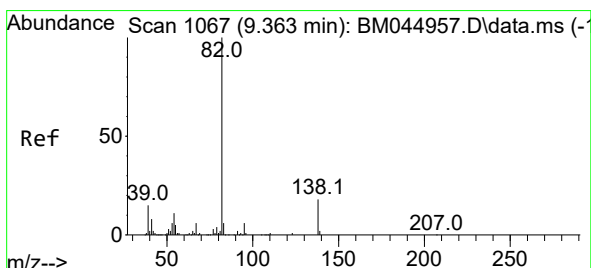
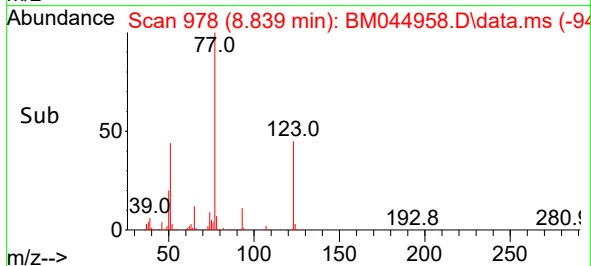
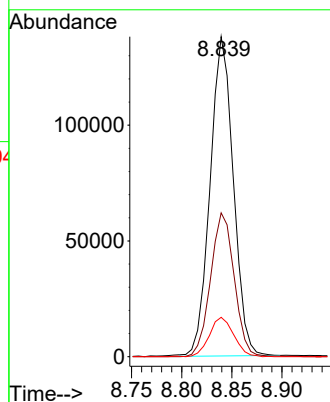
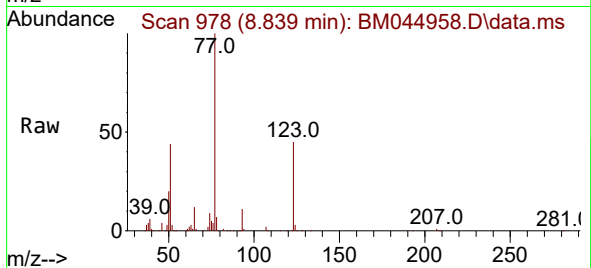
Tgt Ion: 77 Resp: 222239

Ion Ratio Lower Upper

77 100

123 44.9 37.4 56.2

65 12.3 10.7 16.1



#23

Isophorone

Concen: 34.739 ng/ul

RT: 9.363 min Scan# 1067

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

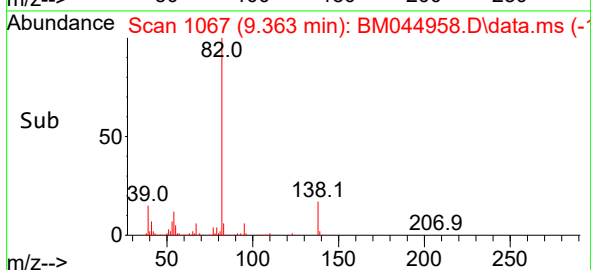
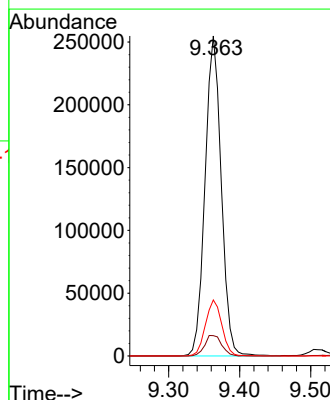
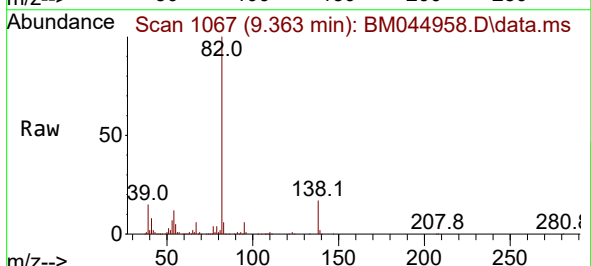
Tgt Ion: 82 Resp: 404483

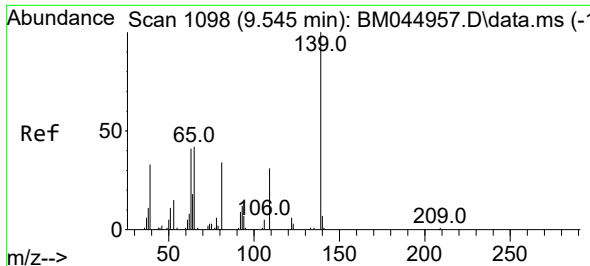
Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 17.5 14.2 21.4

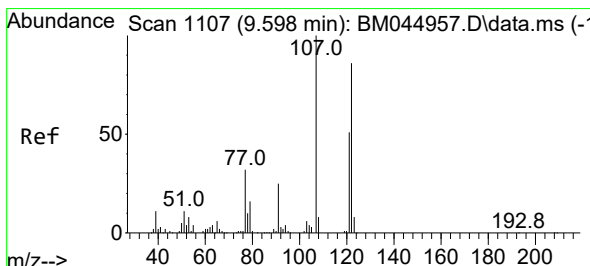
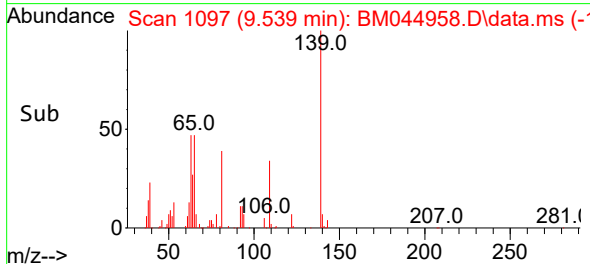
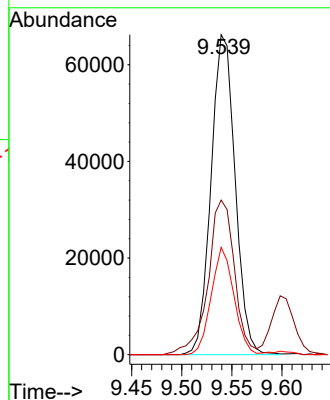
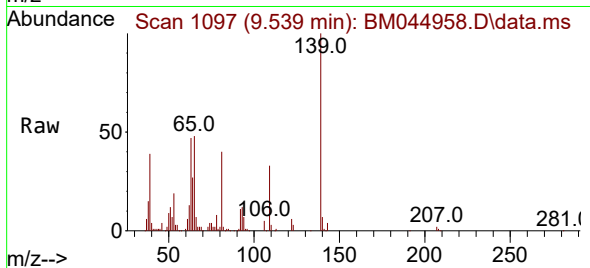




#25
2-Nitrophenol
Concen: 39.101 ng/ul
RT: 9.539 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

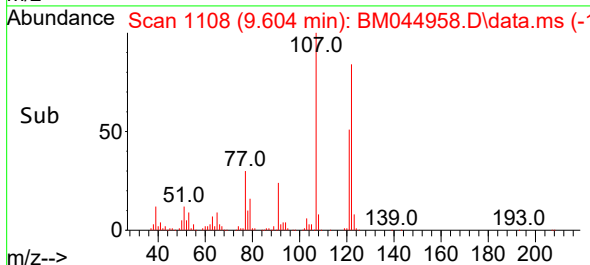
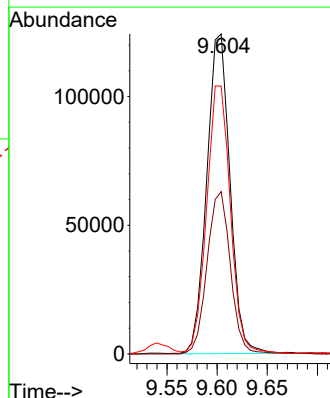
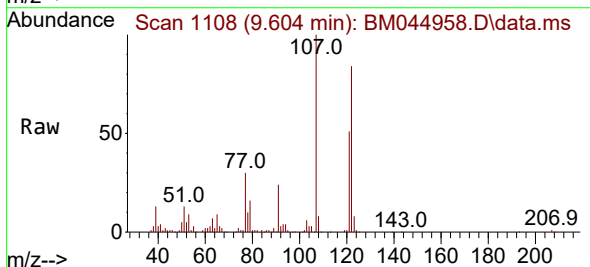
Instrument :
BNA_M
ClientSampleId :
SSTD040030

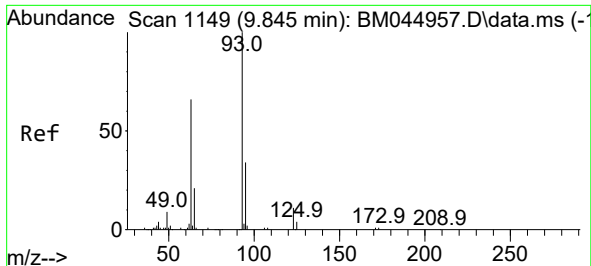
Tgt Ion:139 Resp: 110588
Ion Ratio Lower Upper
139 100
65 48.3 34.9 52.3
109 33.5 24.4 36.6



#26
2,4-Dimethylphenol
Concen: 38.978 ng/ul
RT: 9.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:107 Resp: 200592
Ion Ratio Lower Upper
107 100
121 50.7 41.1 61.7
122 83.7 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 32.587 ng/ul

RT: 9.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

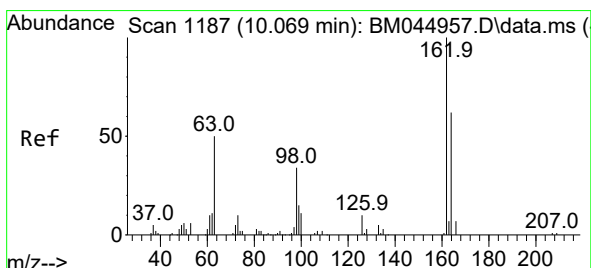
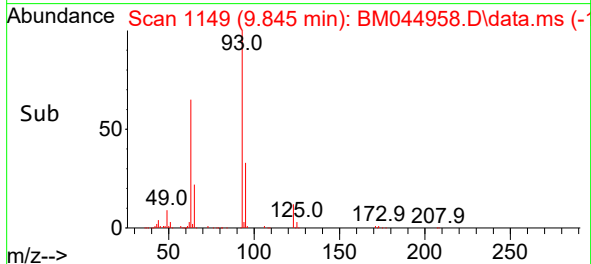
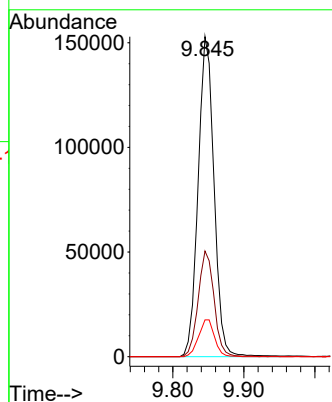
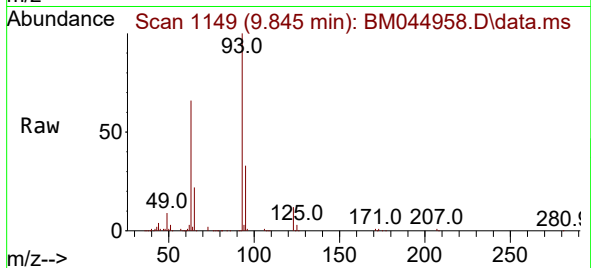
Tgt Ion: 93 Resp: 238619

Ion Ratio Lower Upper

93 100

95 33.0 26.9 40.3

123 11.5 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 40.170 ng/ul

RT: 10.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

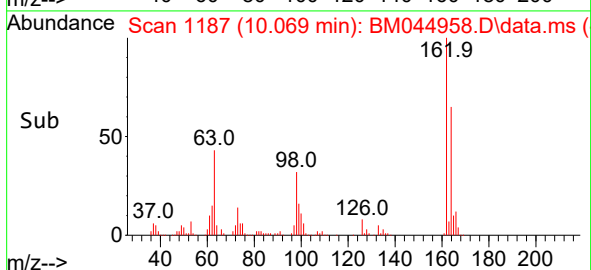
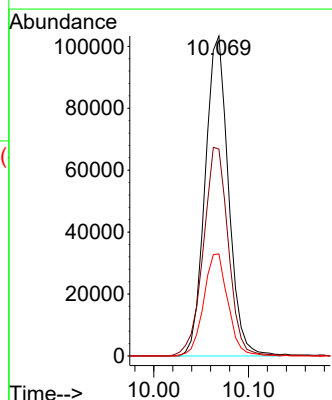
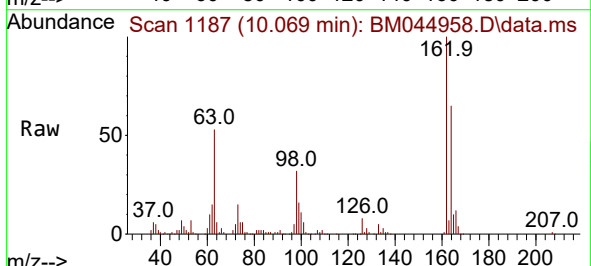
Tgt Ion:162 Resp: 177067

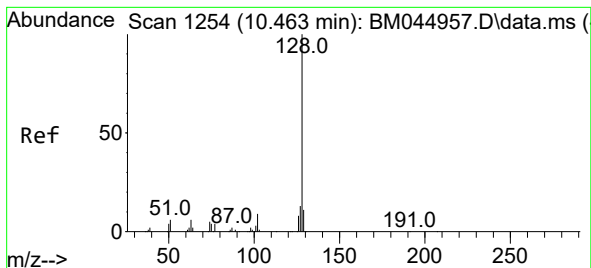
Ion Ratio Lower Upper

162 100

164 64.6 50.4 75.6

98 31.9 27.0 40.4





#30

Naphthalene

Concen: 37.312 ng/ul

RT: 10.463 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

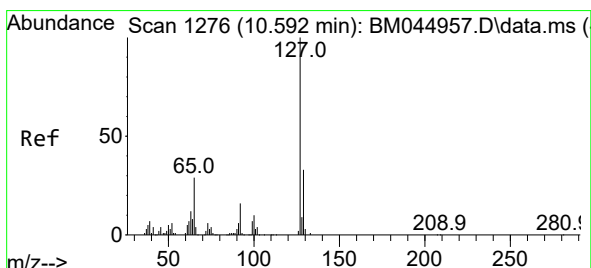
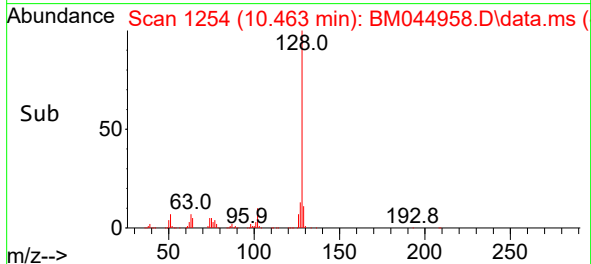
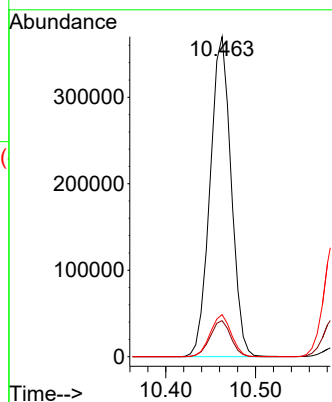
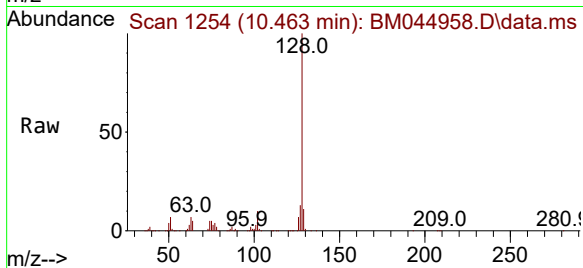
Tgt Ion:128 Resp: 603944

Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

127 13.2 10.2 15.4



#32

4-Chloroaniline

Concen: 36.578 ng/ul

RT: 10.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BM044958.D

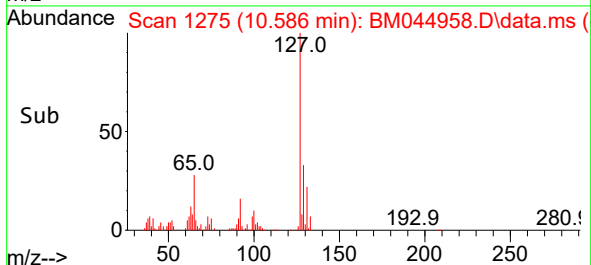
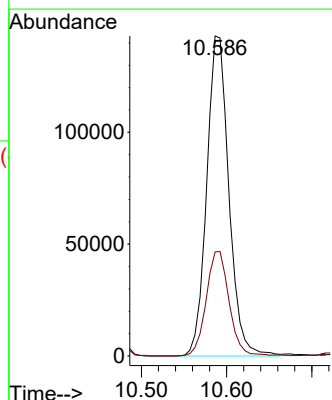
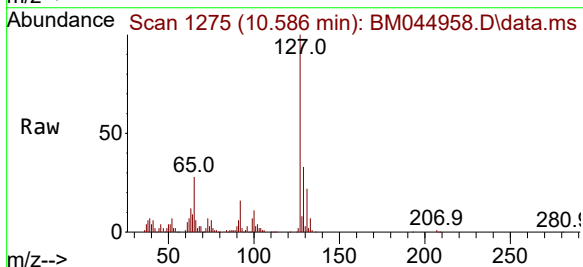
Acq: 05 Apr 2024 20:57

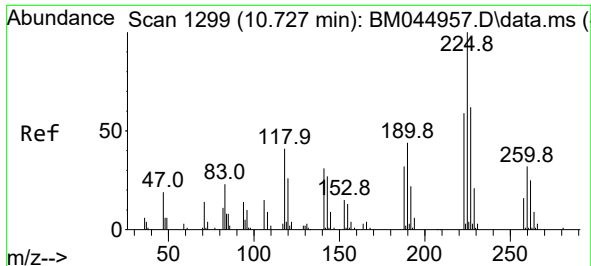
Tgt Ion:127 Resp: 258581

Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.2

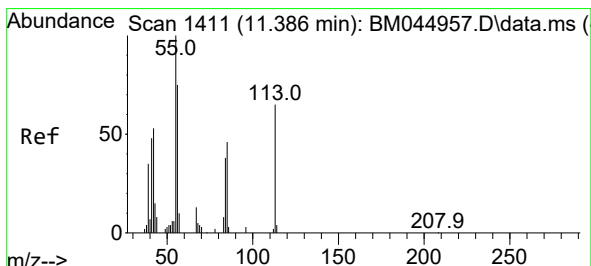
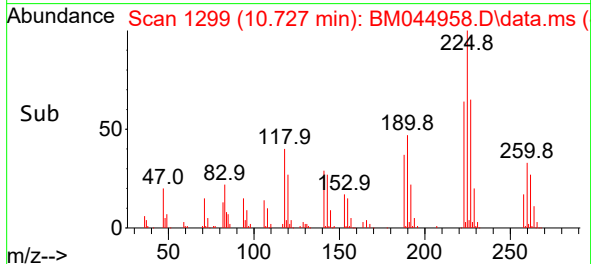
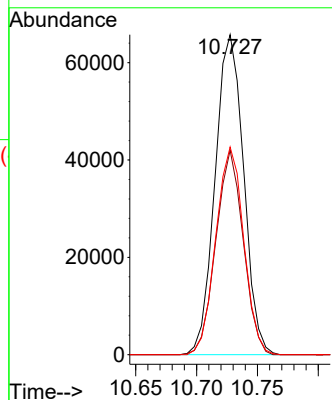
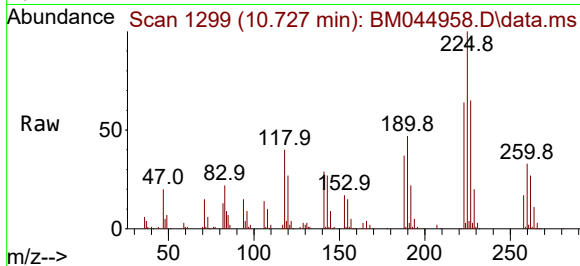




#33
Hexachlorobutadiene
Concen: 43.417 ng/ul
RT: 10.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

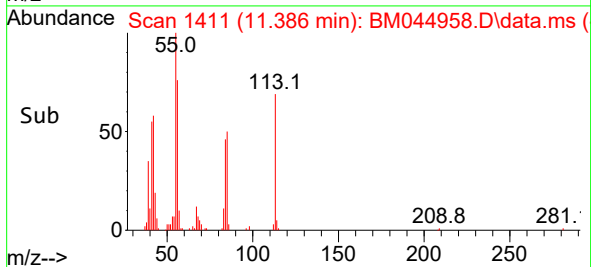
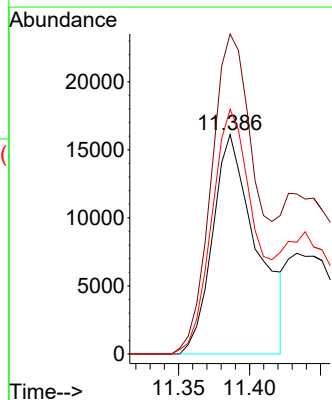
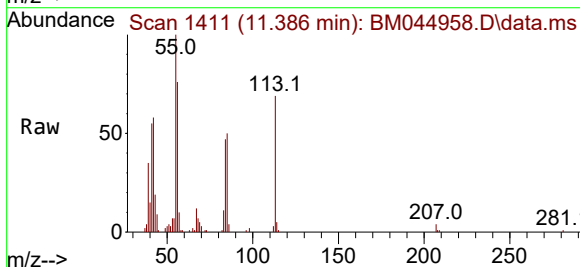
Instrument :
BNA_M
ClientSampleId :
SSTD040030

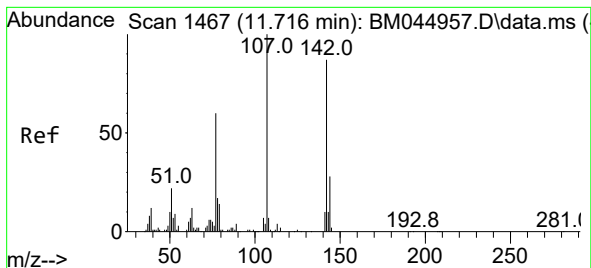
Tgt Ion:225 Resp: 107265
Ion Ratio Lower Upper
225 100
223 63.9 45.3 67.9
227 64.9 47.6 71.4



#34
Caprolactam
Concen: 20.096 ng/ul
RT: 11.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:113 Resp: 34497
Ion Ratio Lower Upper
113 100
55 145.8 125.4 188.0
56 111.5 91.8 137.8

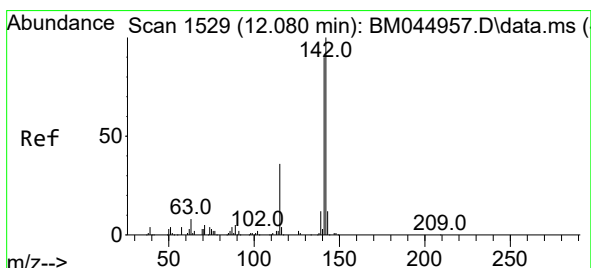
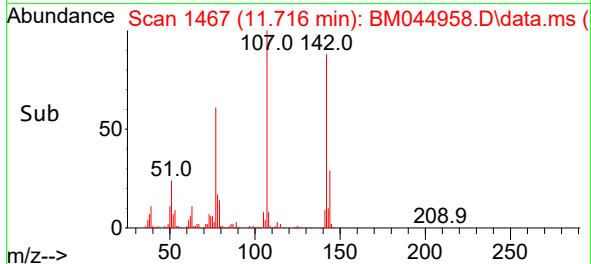
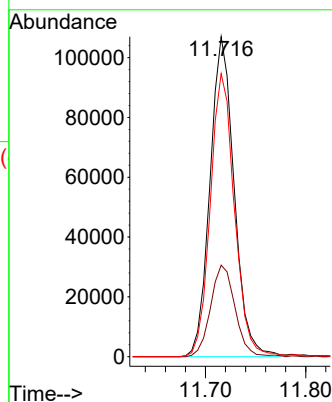
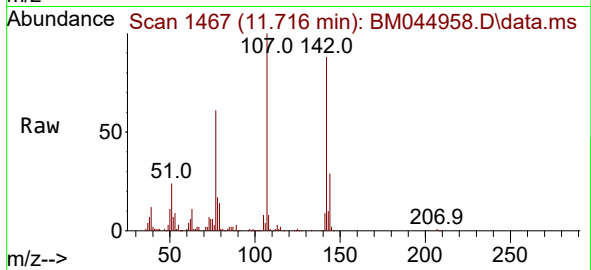




#35
4-Chloro-3-methylphenol
Concen: 35.023 ng/ul
RT: 11.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

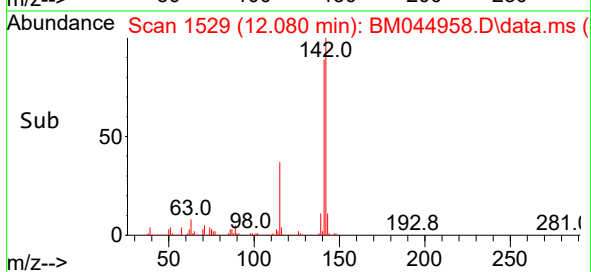
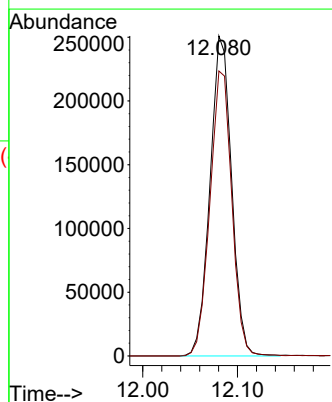
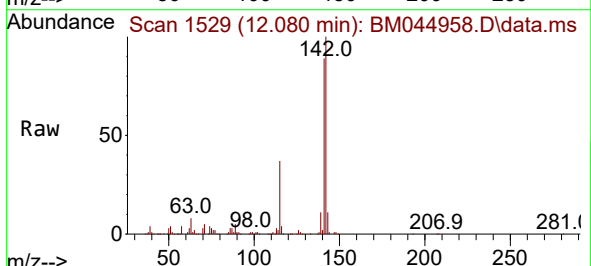
Instrument :
BNA_M
ClientSampleId :
SSTD040030

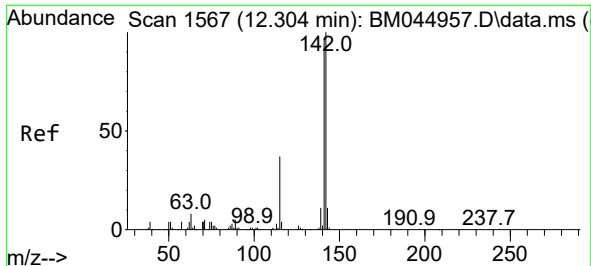
Tgt Ion:107 Resp: 179029
Ion Ratio Lower Upper
107 100
144 28.6 22.8 34.2
142 88.5 69.8 104.6



#36
2-Methylnaphthalene
Concen: 36.840 ng/ul
RT: 12.080 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:142 Resp: 396532
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5





#37

1-Methylnaphthalene

Concen: 37.573 ng/ul

RT: 12.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

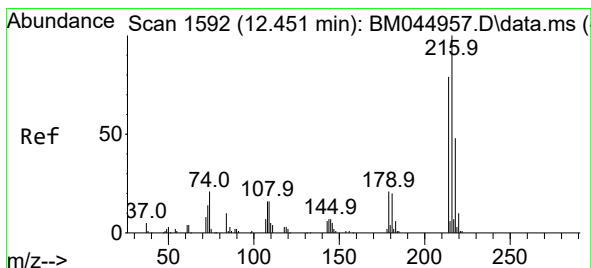
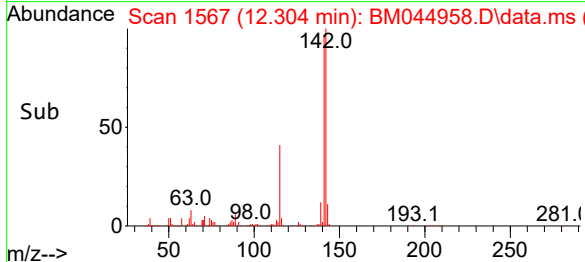
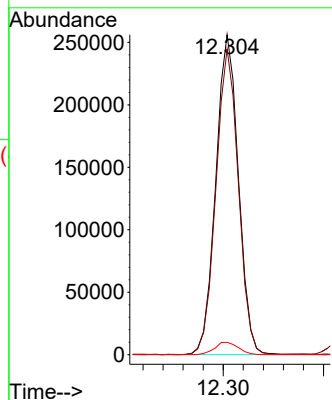
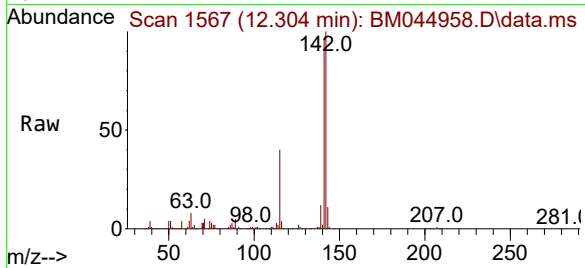
Tgt Ion:142 Resp: 398955

Ion Ratio Lower Upper

142 100

141 95.6 77.2 115.8

116 3.8 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.539 ng/ul

RT: 12.451 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Tgt Ion:216 Resp: 197649

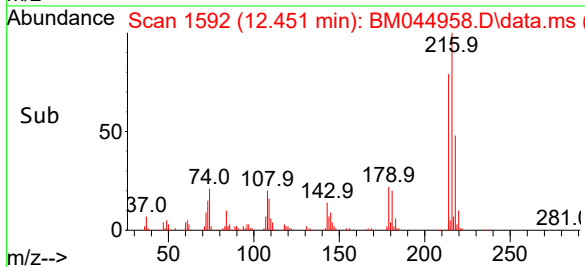
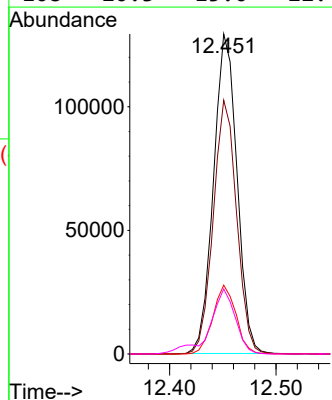
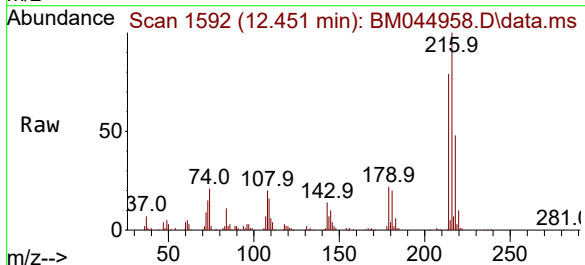
Ion Ratio Lower Upper

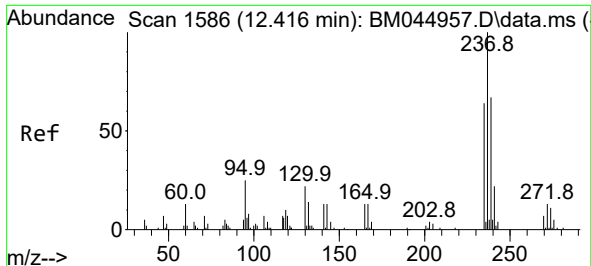
216 100

214 79.3 63.5 95.3

179 21.5 16.6 25.0

108 20.3 15.0 22.4

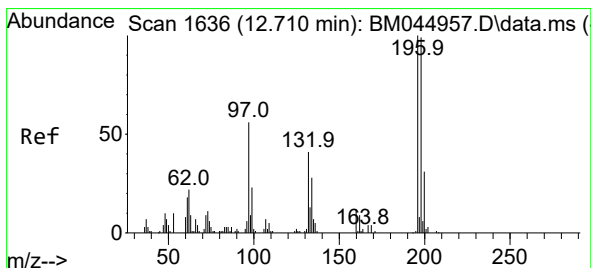
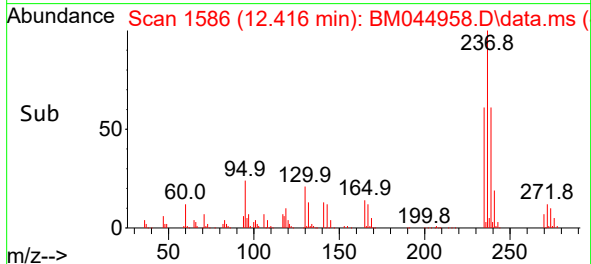
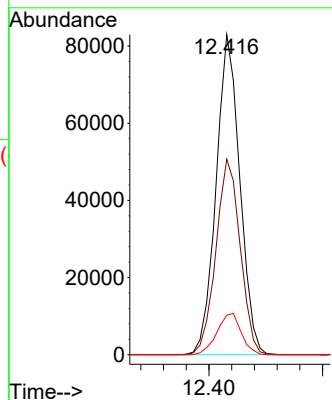
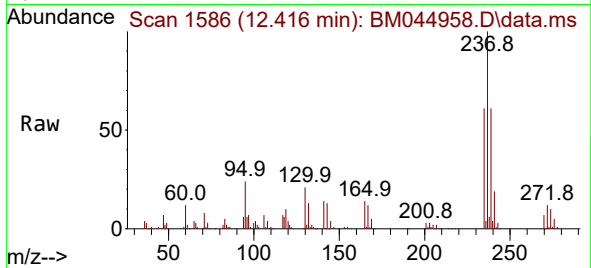




#40
Hexachlorocyclopentadiene
Concen: 35.366 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

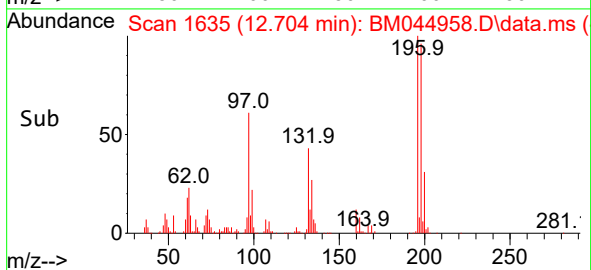
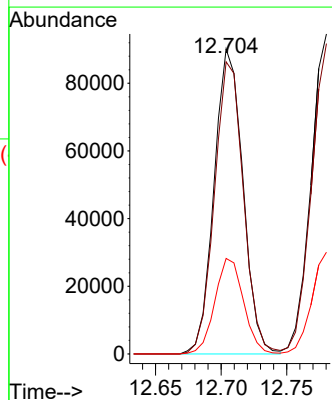
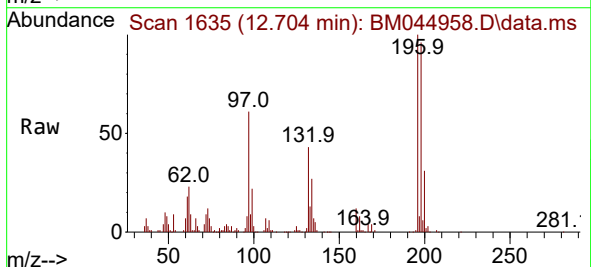
Instrument :
BNA_M
ClientSampleId :
SSTD040030

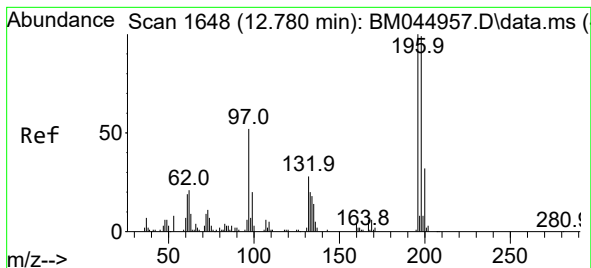
Tgt Ion:237 Resp: 120400
Ion Ratio Lower Upper
237 100
235 61.1 51.3 76.9
272 13.3 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 38.338 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:196 Resp: 137837
Ion Ratio Lower Upper
196 100
198 95.8 79.4 119.2
200 31.3 25.0 37.4

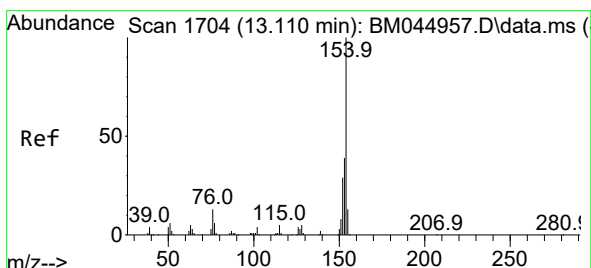
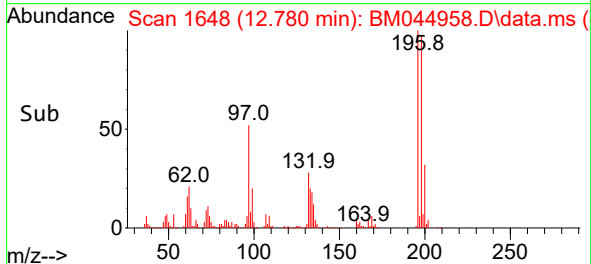
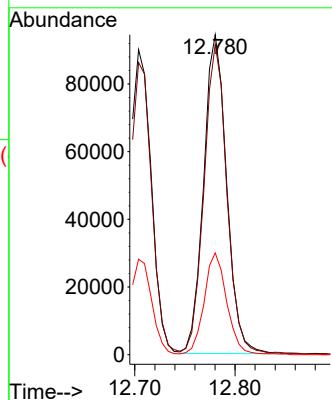
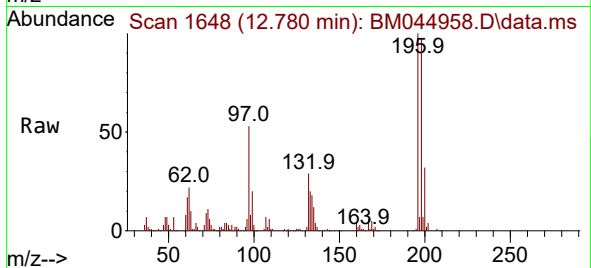




#42
2,4,5-Trichlorophenol
Concen: 39.111 ng/ul
RT: 12.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

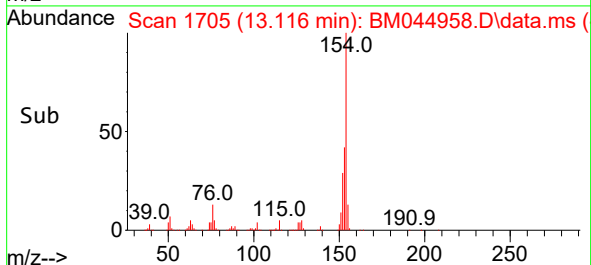
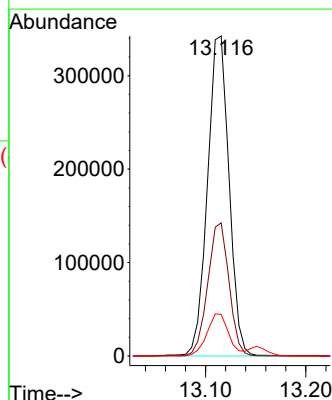
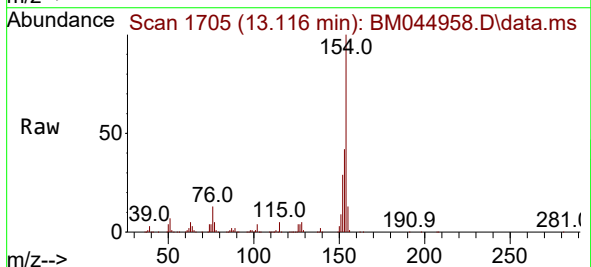
Instrument :
BNA_M
ClientSampleId :
SSTD040030

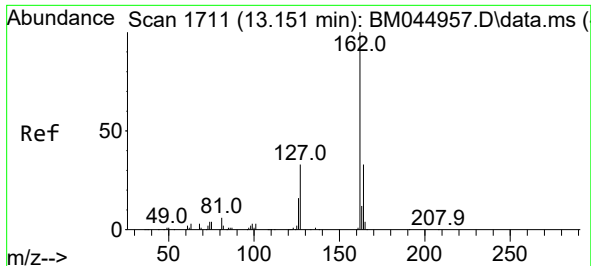
Tgt Ion:196 Resp: 150692
Ion Ratio Lower Upper
196 100
198 97.0 79.9 119.9
200 31.8 25.6 38.4



#43
1,1'-Biphenyl
Concen: 35.768 ng/ul
RT: 13.116 min Scan# 1705
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:154 Resp: 512011
Ion Ratio Lower Upper
154 100
153 41.6 31.6 47.4
76 13.0 10.4 15.6

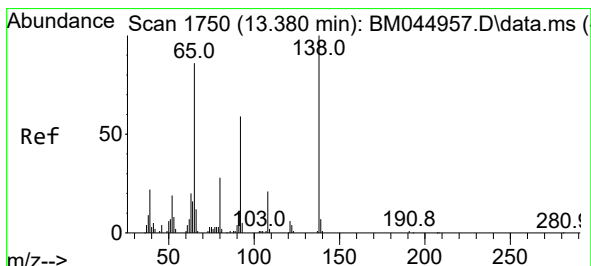
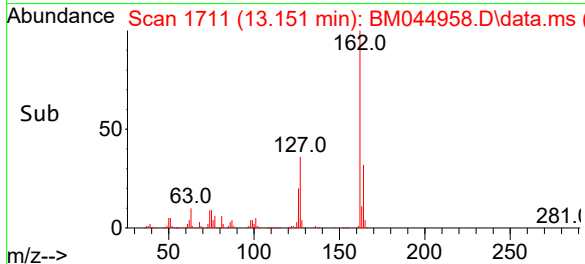
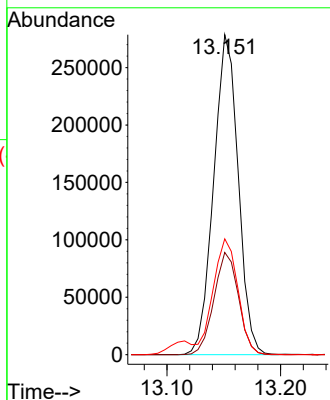
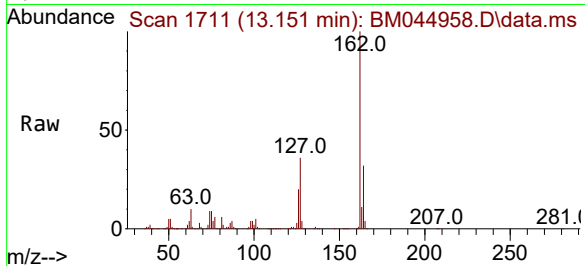




#44
2-Chloronaphthalene
Concen: 37.190 ng/ul
RT: 13.151 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

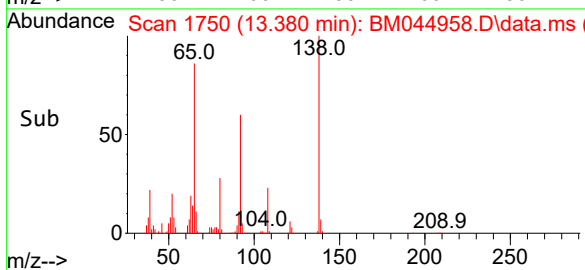
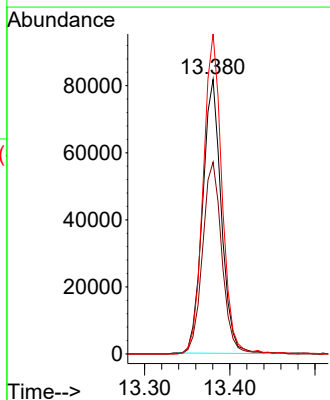
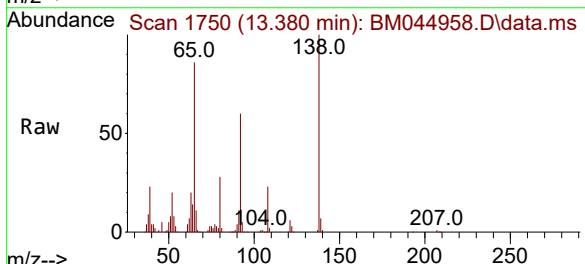
Instrument :
BNA_M
ClientSampleId :
SSTD040030

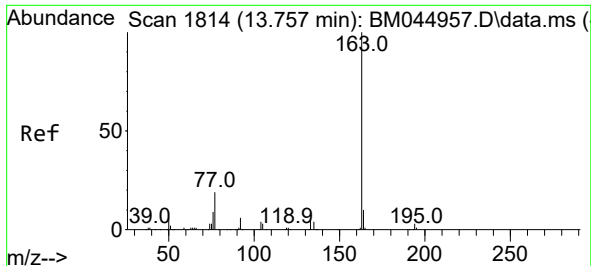
Tgt Ion:162 Resp: 417772
Ion Ratio Lower Upper
162 100
164 32.0 26.1 39.1
127 36.2 30.1 45.1



#45
2-Nitroaniline
Concen: 35.382 ng/ul
RT: 13.380 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion: 65 Resp: 124778
Ion Ratio Lower Upper
65 100
92 69.9 55.2 82.8
138 116.5 93.0 139.4

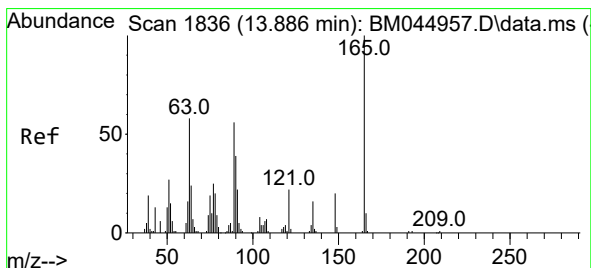
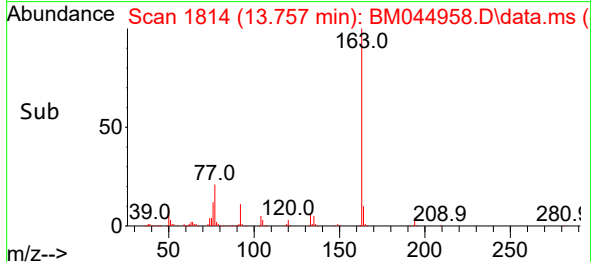
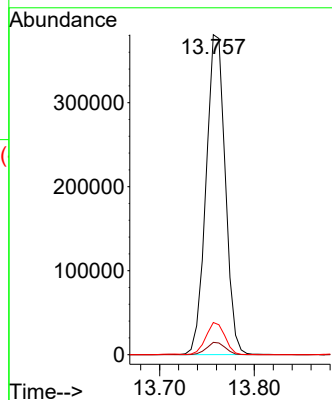
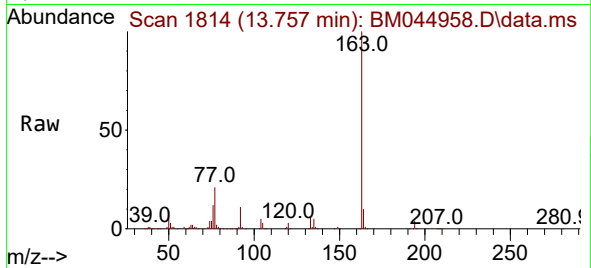




#47
Dimethylphthalate
Concen: 37.289 ng/ul
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

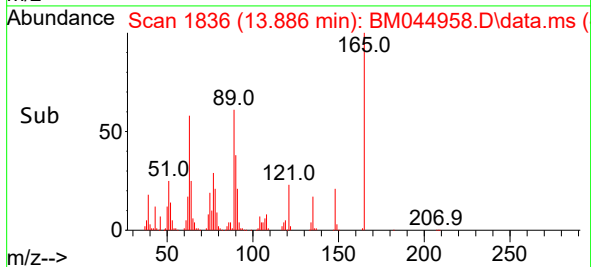
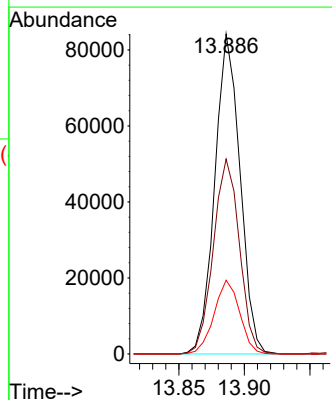
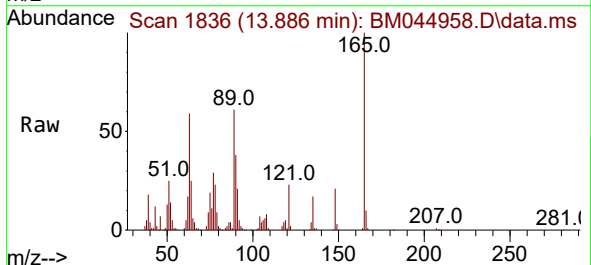
Instrument :
BNA_M
ClientSampleId :
SSTD040030

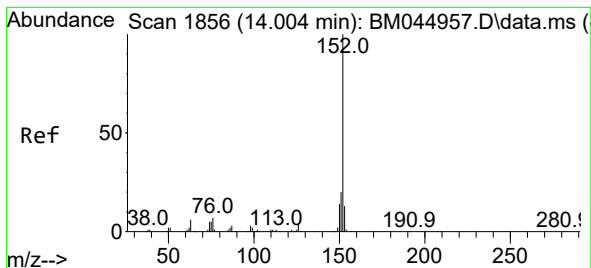
Tgt Ion:163 Resp: 536560
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 39.221 ng/ul
RT: 13.886 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:165 Resp: 112729
Ion Ratio Lower Upper
165 100
89 60.9 45.0 67.4
121 23.1 18.0 27.0





#50

Acenaphthylene

Concen: 37.832 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

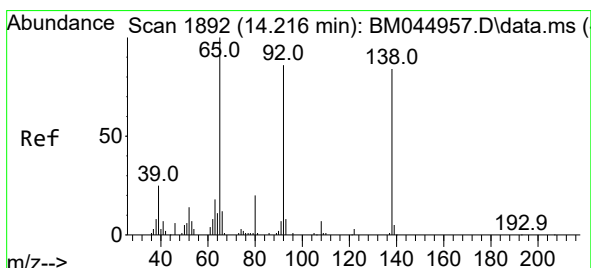
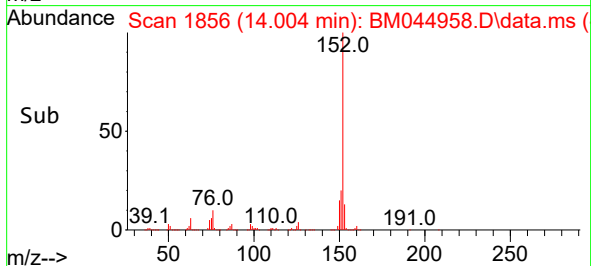
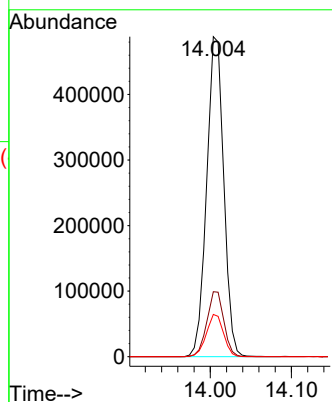
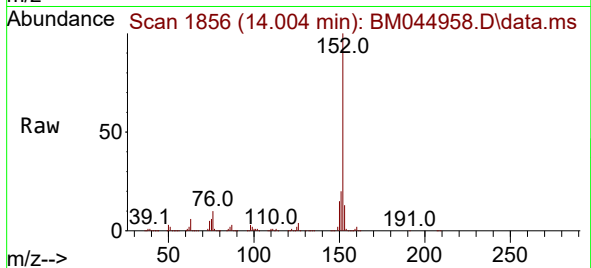
Tgt Ion:152 Resp: 713101

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.2 10.2 15.2



#51

3-Nitroaniline

Concen: 38.098 ng/ul

RT: 14.215 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

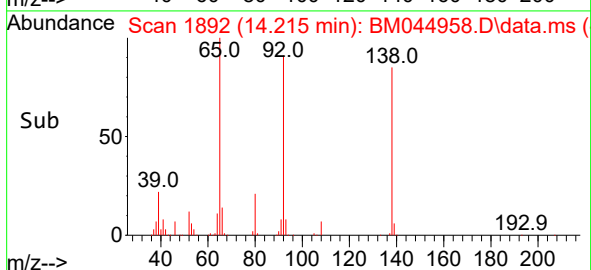
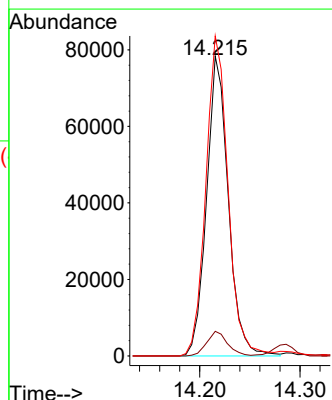
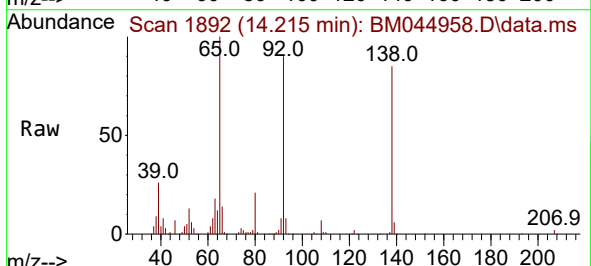
Tgt Ion:138 Resp: 118276

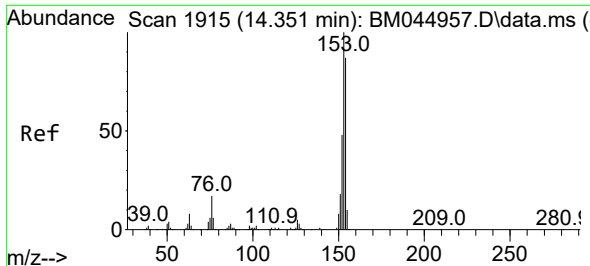
Ion Ratio Lower Upper

138 100

108 8.2 6.5 9.7

92 106.7 81.4 122.0

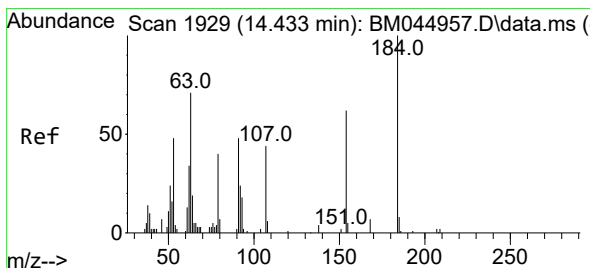
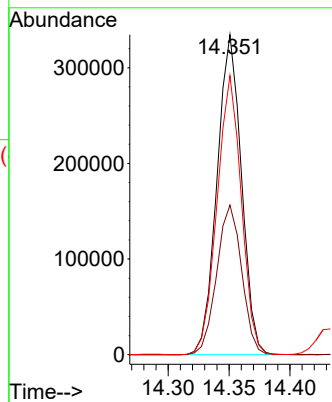
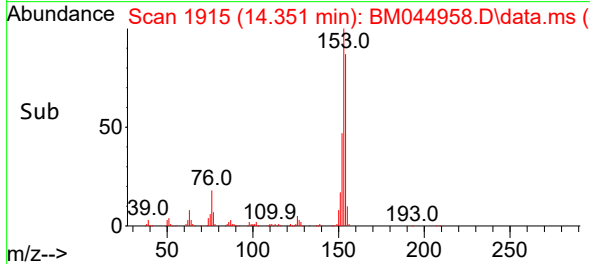
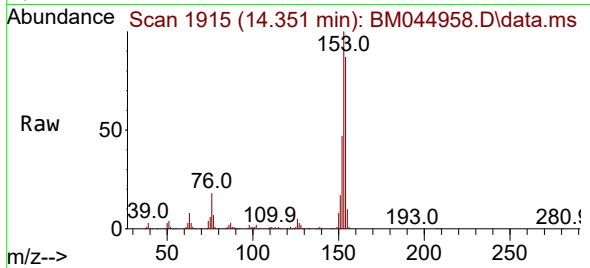




#52
Acenaphthene
Concen: 37.697 ng/ul
RT: 14.351 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

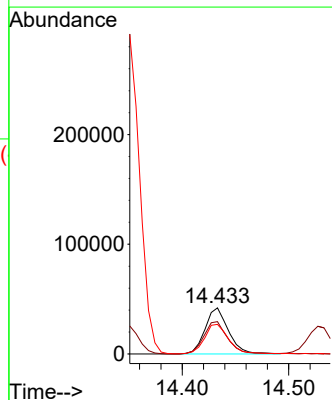
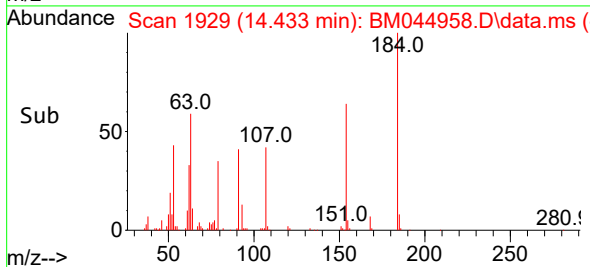
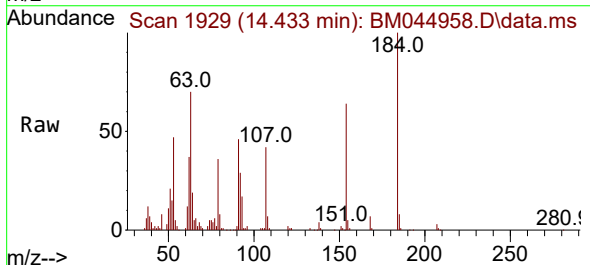
Instrument :
BNA_M
ClientSampleId :
SSTD040030

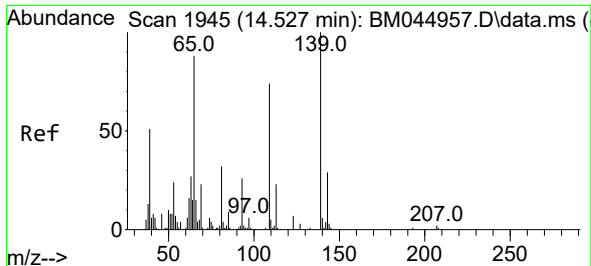
Tgt Ion:153 Resp: 467110
Ion Ratio Lower Upper
153 100
152 46.8 38.6 58.0
154 87.2 69.4 104.2



#53
2,4-Dinitrophenol
Concen: 34.825 ng/ul
RT: 14.433 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:184 Resp: 64026
Ion Ratio Lower Upper
184 100
63 70.0 56.9 85.3
154 64.0 50.3 75.5

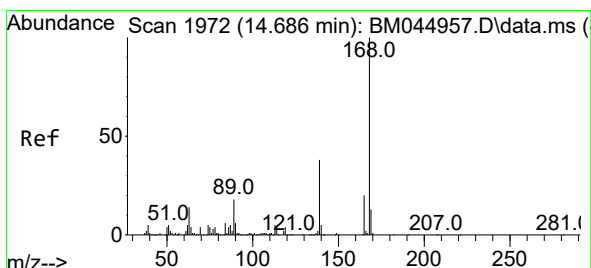
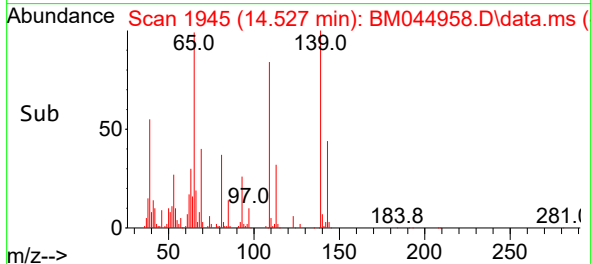
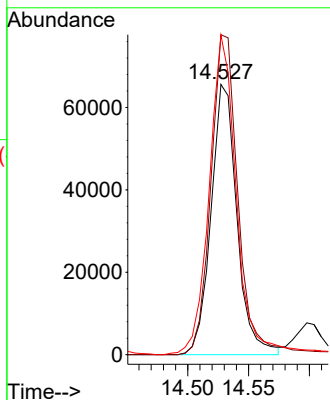
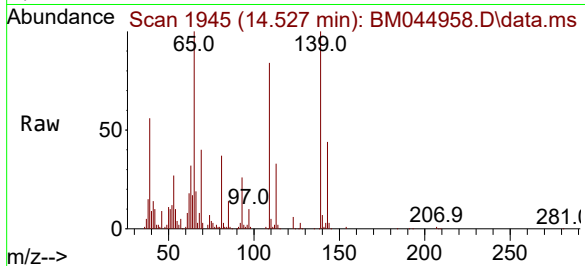




#55
4-Nitrophenol
Concen: 47.346 ng/ul
RT: 14.527 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

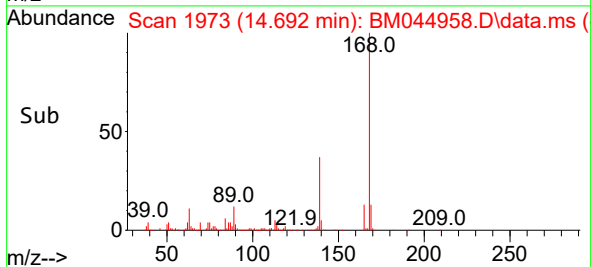
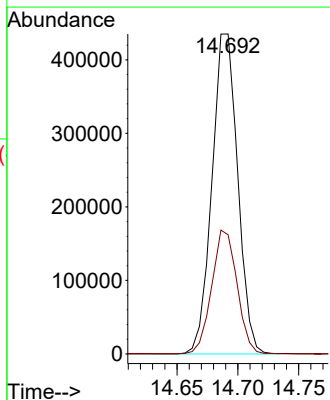
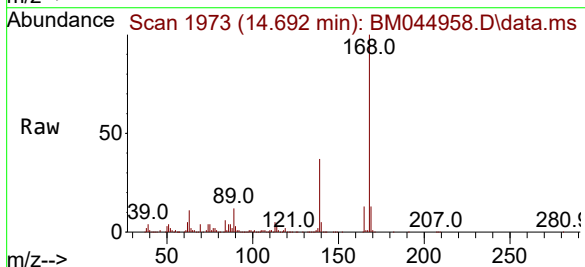
Instrument :
BNA_M
ClientSampleId :
SSTD040030

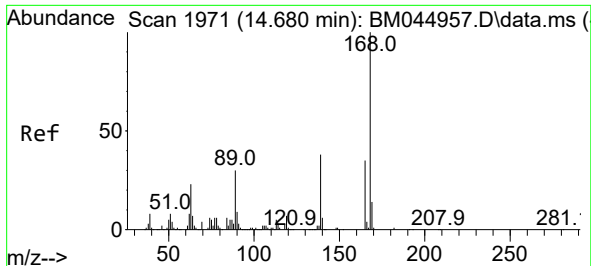
Tgt Ion:109 Resp: 97280
Ion Ratio Lower Upper
109 100
139 118.4 107.7 161.5
65 118.2 96.3 144.5



#56
Dibenzofuran
Concen: 38.878 ng/ul
RT: 14.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:168 Resp: 640822
Ion Ratio Lower Upper
168 100
139 37.2 30.6 46.0





#57

2,4-Dinitrotoluene

Concen: 41.233 ng/ul

RT: 14.680 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

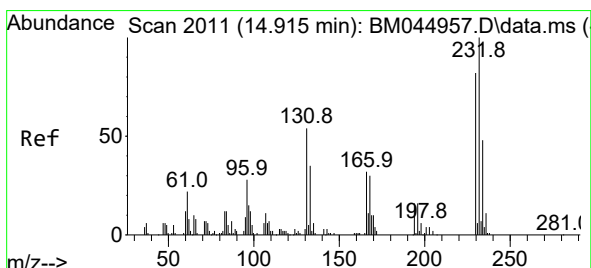
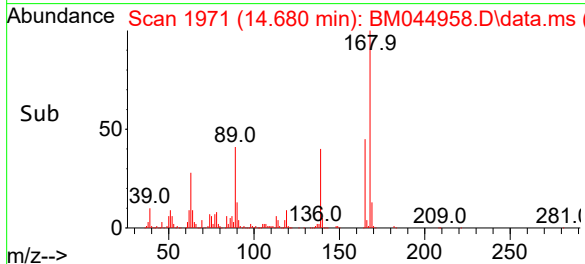
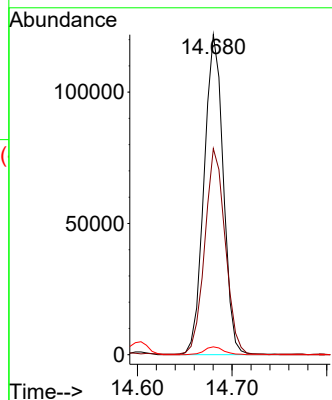
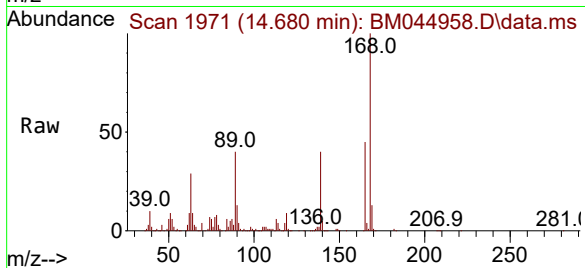
Tgt Ion:165 Resp: 171070

Ion Ratio Lower Upper

165 100

63 64.4 52.0 78.0

182 2.5 2.3 3.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.230 ng/ul

RT: 14.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Tgt Ion:232 Resp: 131462

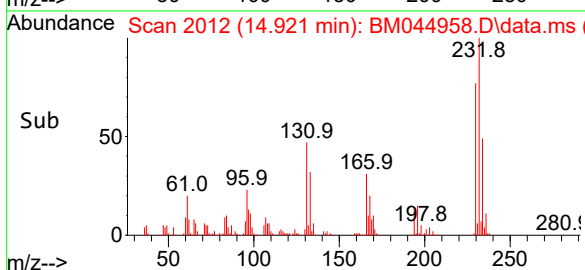
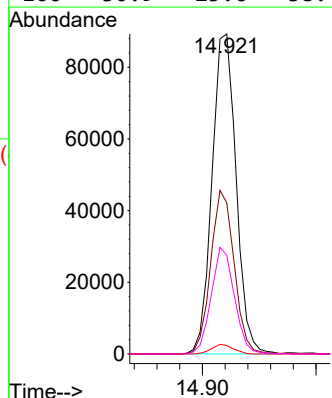
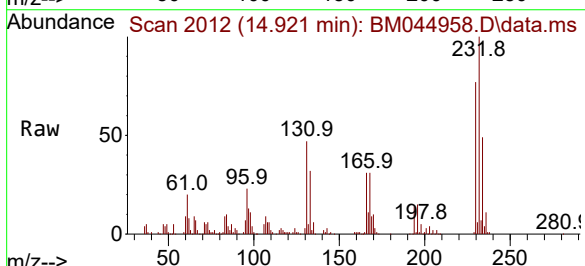
Ion Ratio Lower Upper

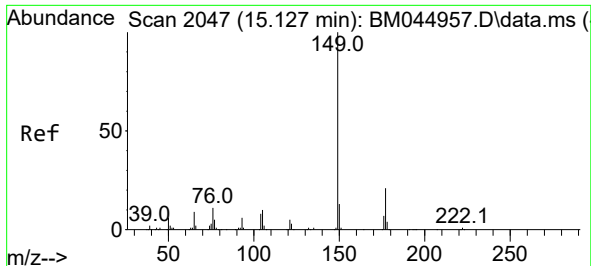
232 100

131 47.2 43.4 65.0

130 2.7 2.6 4.0

166 30.9 25.6 38.4

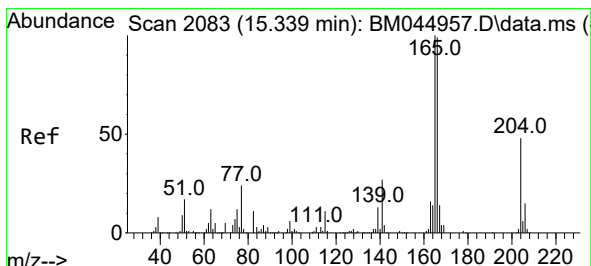
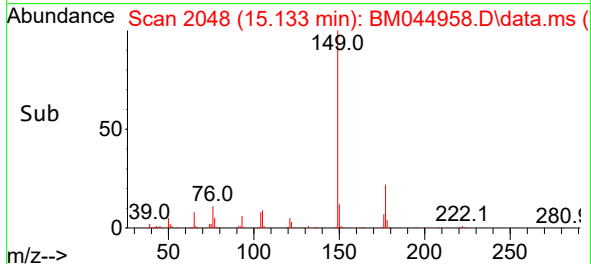
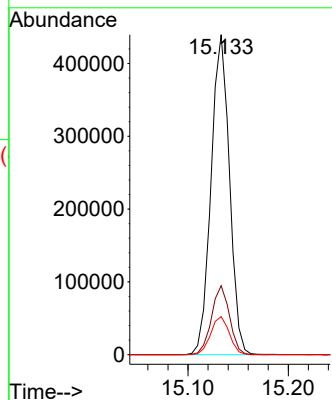
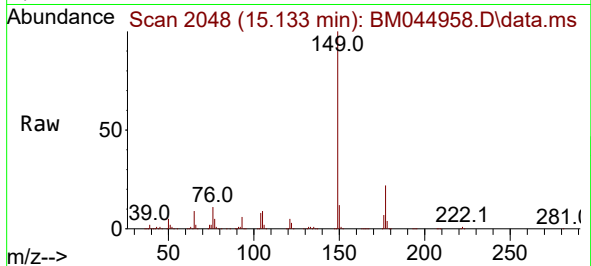




#59
Diethylphthalate
Concen: 37.541 ng/ul
RT: 15.133 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

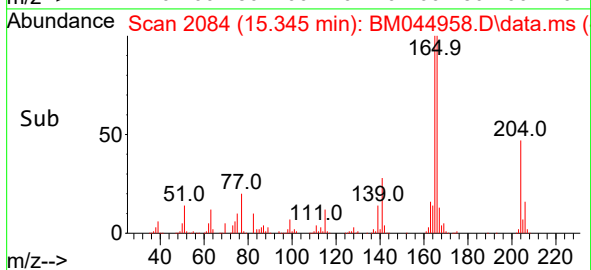
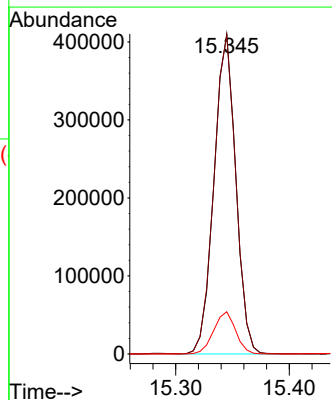
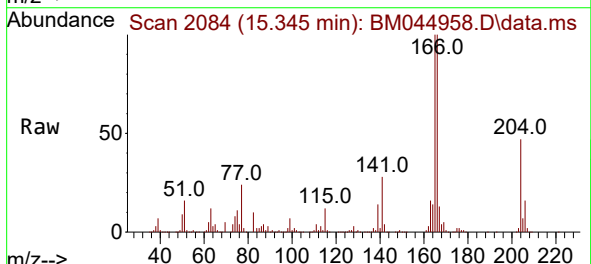
Instrument :
BNA_M
ClientSampleId :
SSTD040030

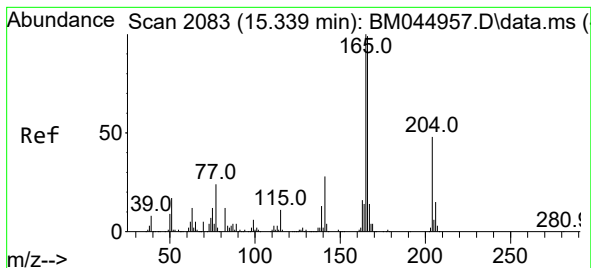
Tgt Ion:149 Resp: 560620
Ion Ratio Lower Upper
149 100
177 21.6 16.4 24.6
150 11.9 10.3 15.5



#61
Fluorene
Concen: 40.511 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:166 Resp: 546115
Ion Ratio Lower Upper
166 100
165 99.5 80.5 120.7
167 13.2 11.0 16.6

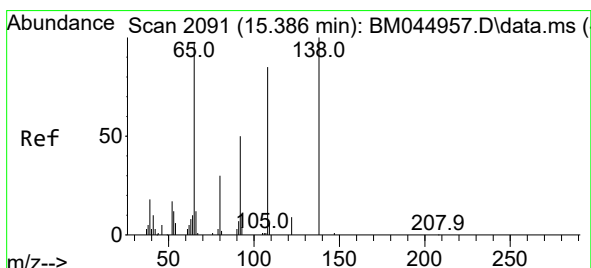
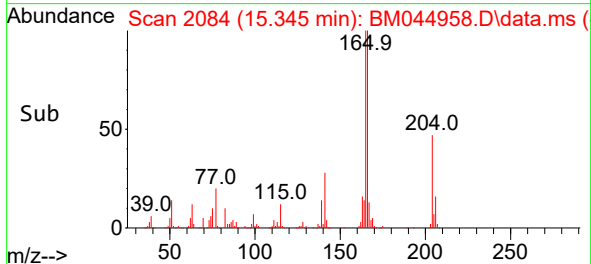
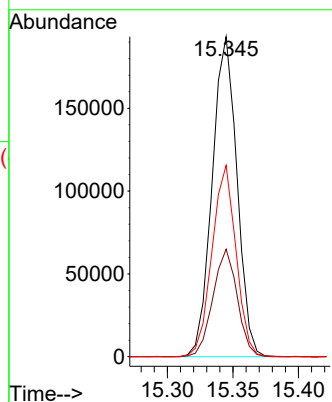
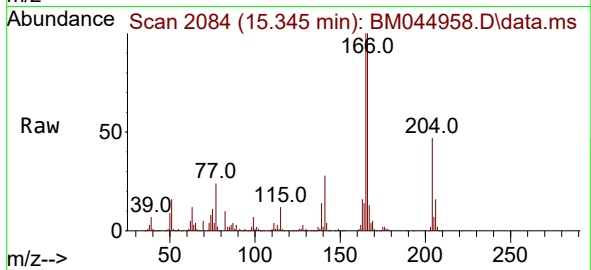




#62
4-Chlorophenyl-phenylether
Concen: 40.587 ng/ul
RT: 15.345 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

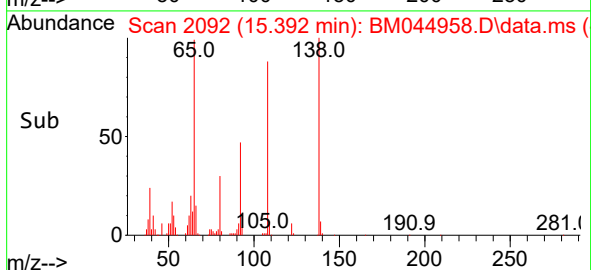
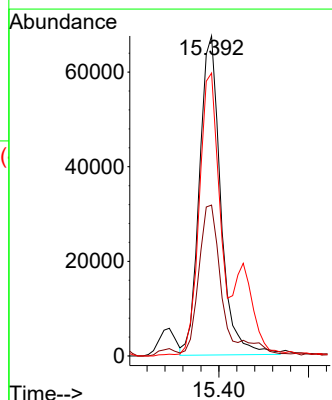
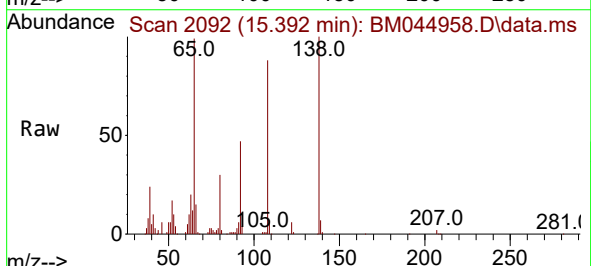
Instrument :
BNA_M
ClientSampleId :
SSTD040030

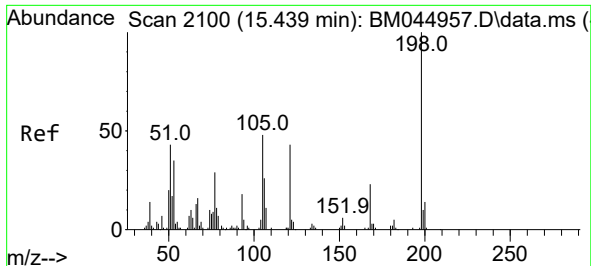
Tgt Ion:204 Resp: 253942
Ion Ratio Lower Upper
204 100
206 33.6 24.9 37.3
141 59.8 46.2 69.2



#63
4-Nitroaniline
Concen: 37.467 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:138 Resp: 111170
Ion Ratio Lower Upper
138 100
92 47.1 39.8 59.6
108 88.4 66.4 99.6

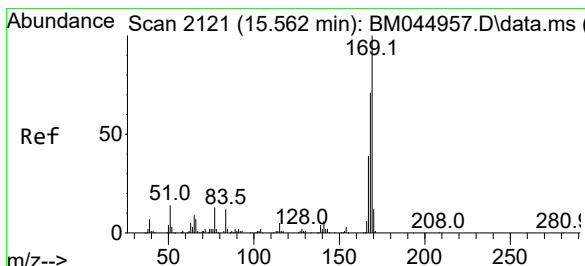
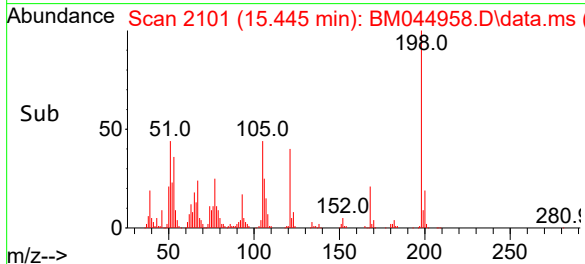
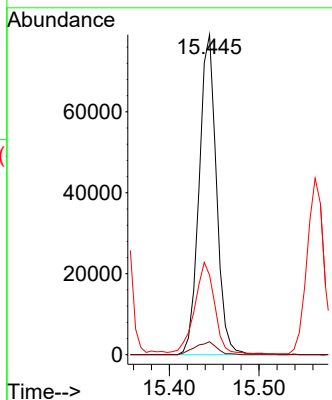
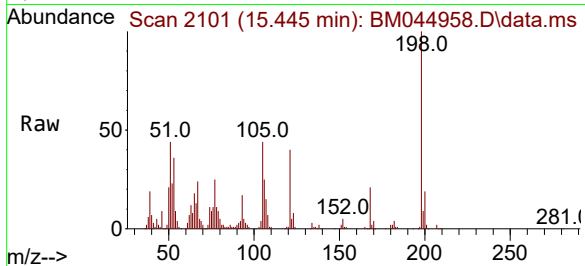




#66
4,6-Dinitro-2-methylphenol
Concen: 37.789 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

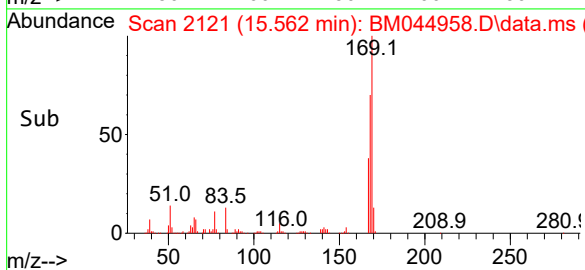
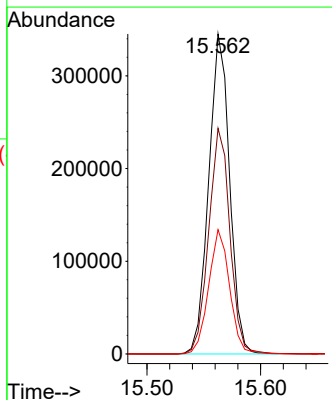
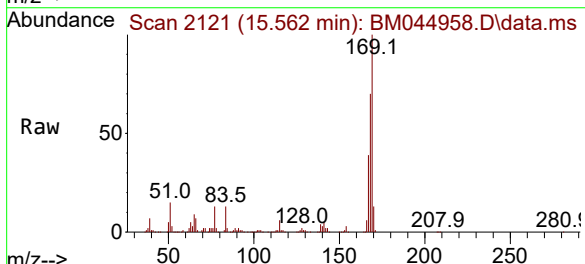
Instrument :
BNA_M
ClientSampleId :
SSTD040030

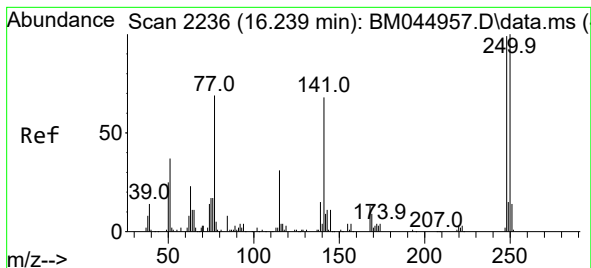
Tgt Ion:198 Resp: 105862
Ion Ratio Lower Upper
198 100
182 4.1 3.8 5.6
77 24.8 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 36.276 ng/ul
RT: 15.562 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:169 Resp: 441246
Ion Ratio Lower Upper
169 100
168 70.5 56.7 85.1
167 38.8 31.2 46.8

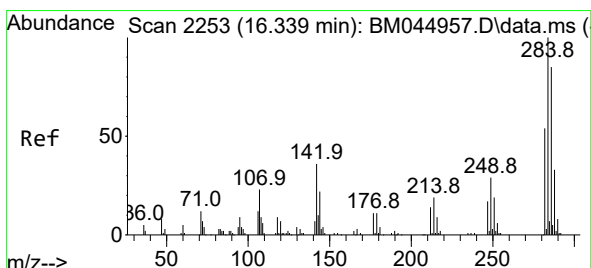
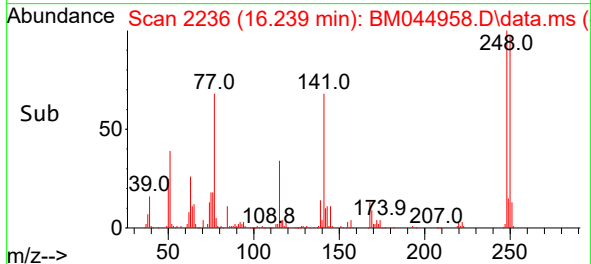
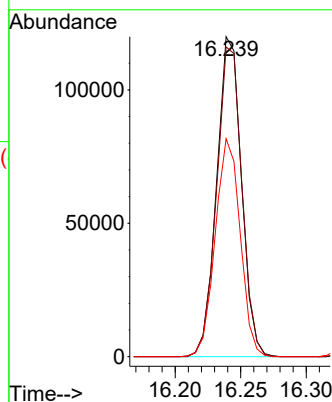
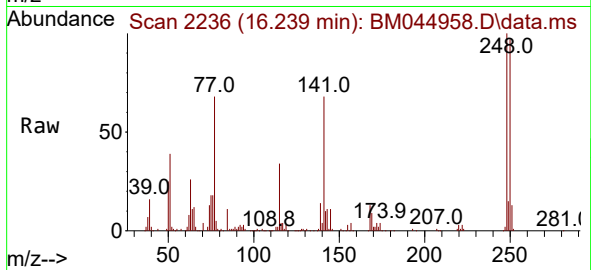




#68
4-Bromophenyl-phenylether
Concen: 38.982 ng/ul
RT: 16.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

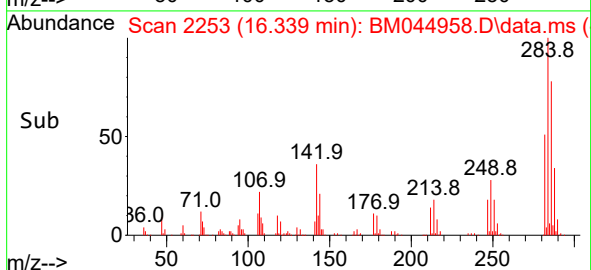
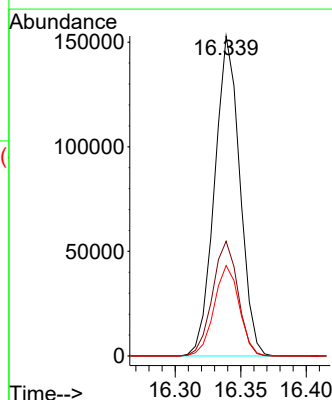
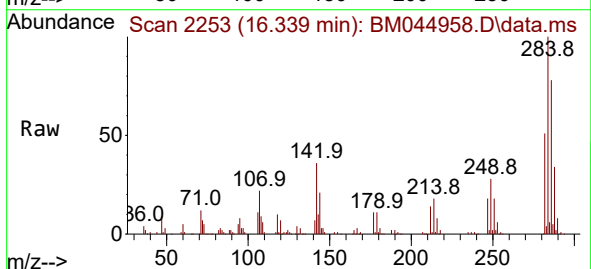
Instrument :
BNA_M
ClientSampleId :
SSTD040030

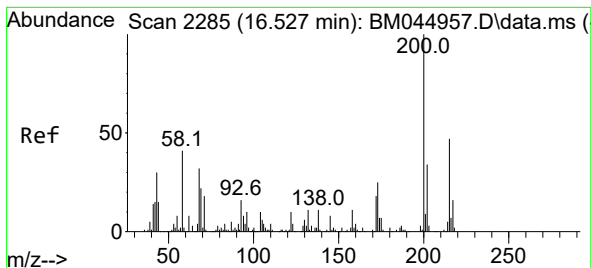
Tgt Ion:248 Resp: 157465
Ion Ratio Lower Upper
248 100
250 96.8 81.0 121.6
141 68.1 55.1 82.7



#69
Hexachlorobenzene
Concen: 44.416 ng/ul
RT: 16.339 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:284 Resp: 204360
Ion Ratio Lower Upper
284 100
142 35.8 27.3 40.9
249 28.2 23.6 35.4





#70

Atrazine

Concen: 40.301 ng/ul

RT: 16.533 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

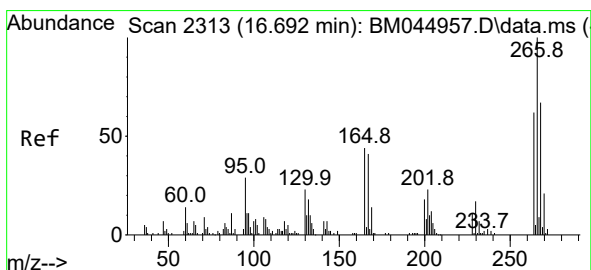
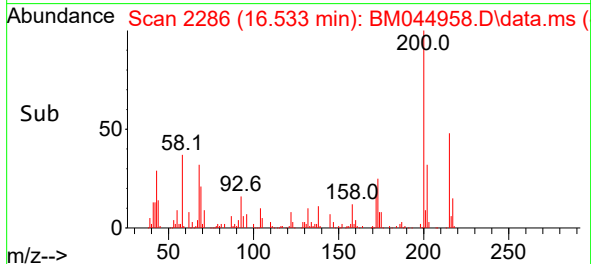
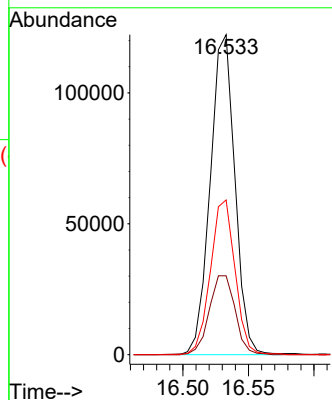
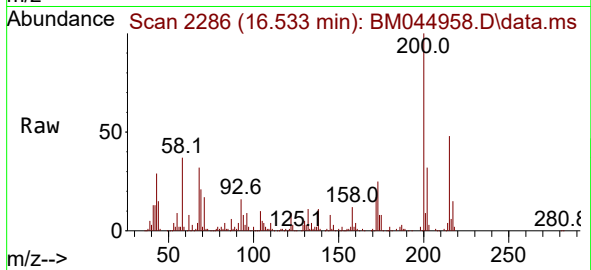
Tgt Ion:200 Resp: 160189

Ion Ratio Lower Upper

200 100

173 24.7 20.3 30.5

215 48.4 37.9 56.9



#71

Pentachlorophenol

Concen: 41.368 ng/ul

RT: 16.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

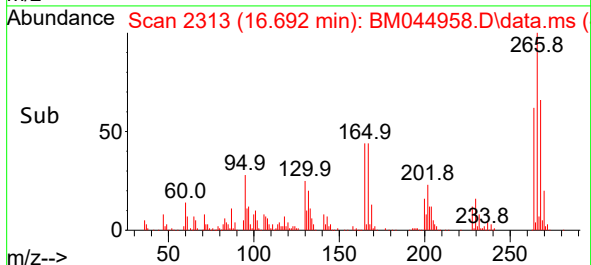
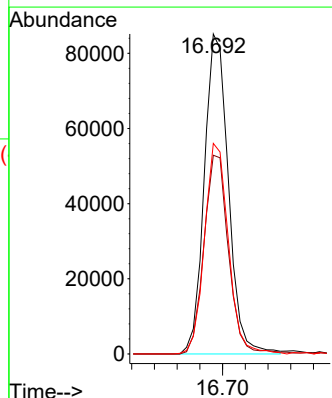
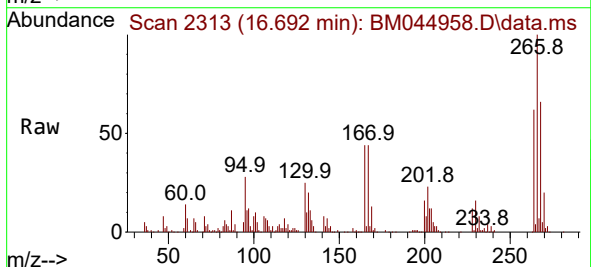
Tgt Ion:266 Resp: 125681

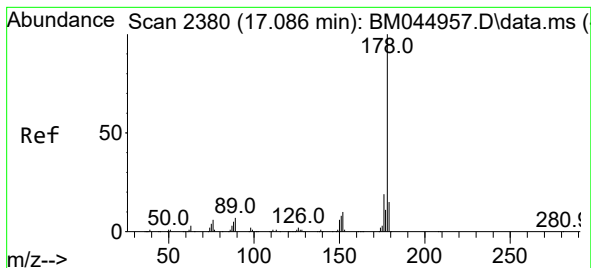
Ion Ratio Lower Upper

266 100

264 62.1 49.3 73.9

268 65.8 53.3 79.9





#72

Phenanthrene

Concen: 37.942 ng/ul

RT: 17.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044958.D

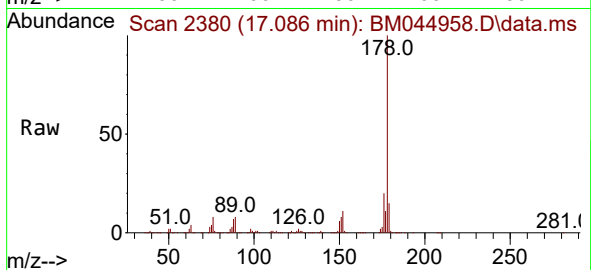
Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030



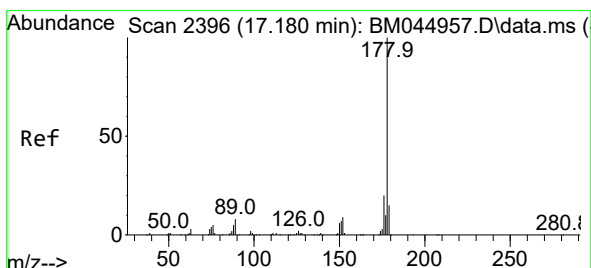
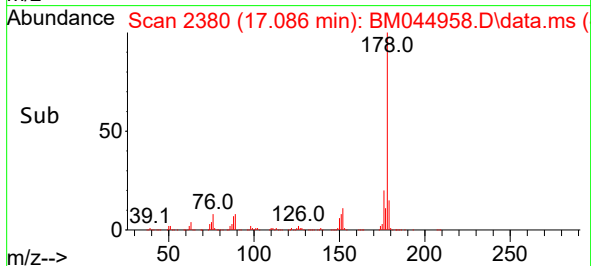
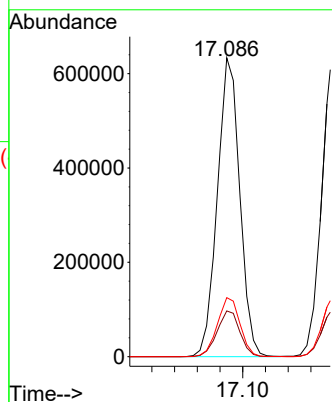
Tgt Ion:178 Resp: 869251

Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

176 19.7 15.4 23.2



#74

Anthracene

Concen: 38.941 ng/ul

RT: 17.180 min Scan# 2396

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

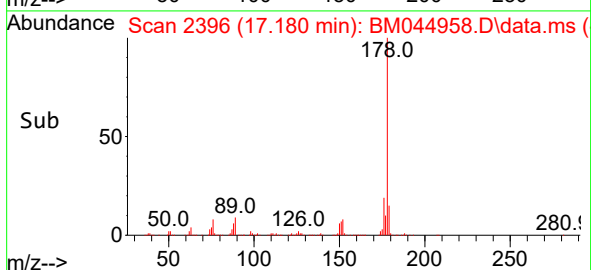
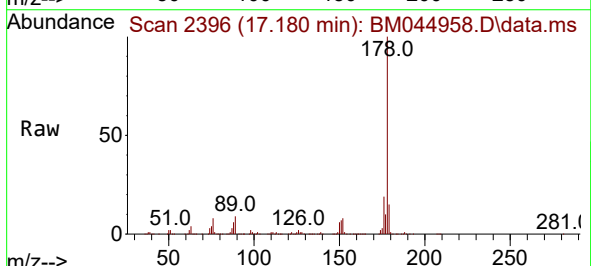
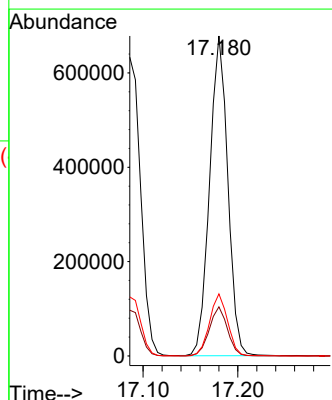
Tgt Ion:178 Resp: 902252

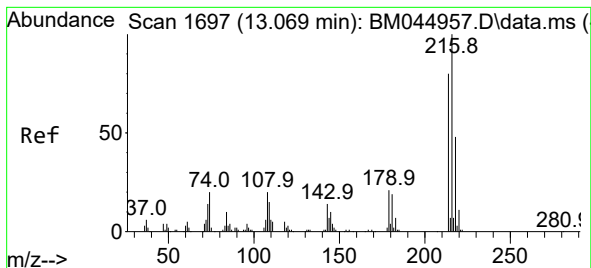
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.4 15.8 23.6

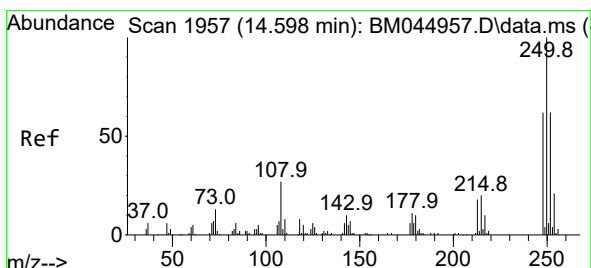
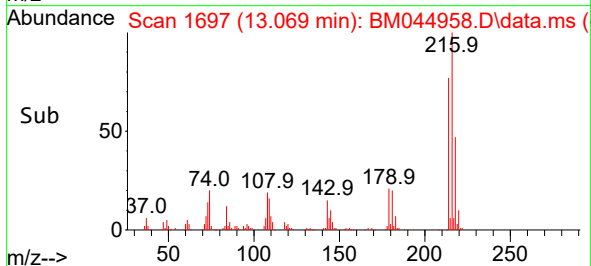
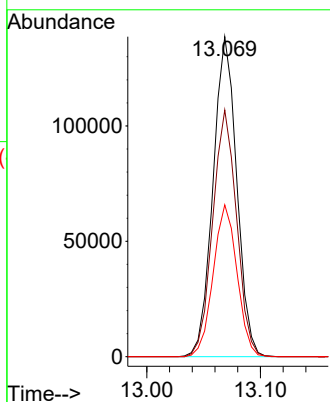
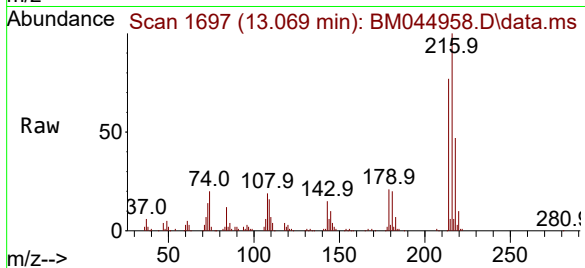




#75
1,2,3,4-Tetrachlorobenzene
Concen: 37.318 ng/uL
RT: 13.069 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

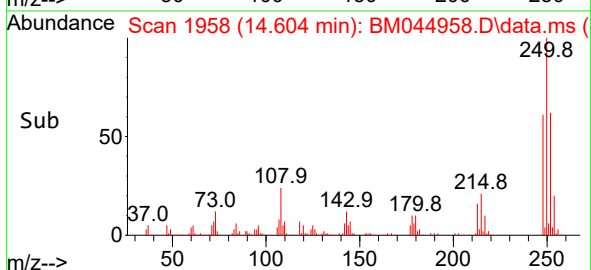
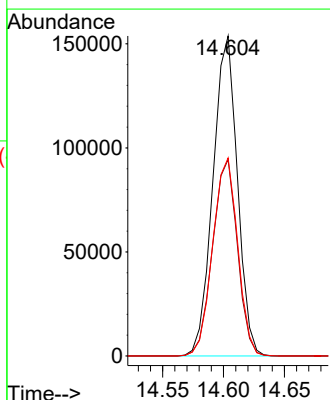
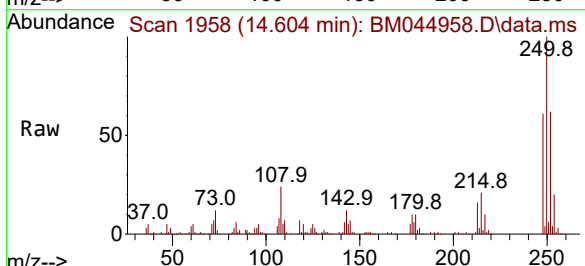
Instrument :
BNA_M
ClientSampleId :
SSTD040030

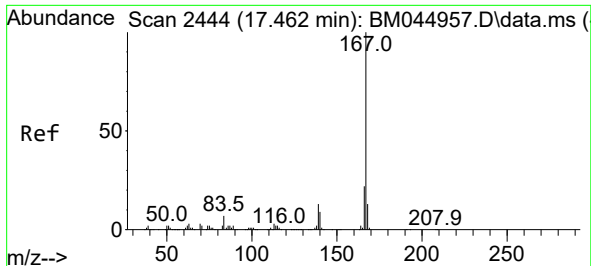
Tgt Ion:216 Resp: 201298
Ion Ratio Lower Upper
216 100
214 77.1 64.1 96.1
218 47.5 38.6 58.0



#76
Pentachlorobenzene
Concen: 41.188 ng/uL
RT: 14.604 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:250 Resp: 214800
Ion Ratio Lower Upper
250 100
248 61.4 49.8 74.6
252 61.9 49.4 74.2

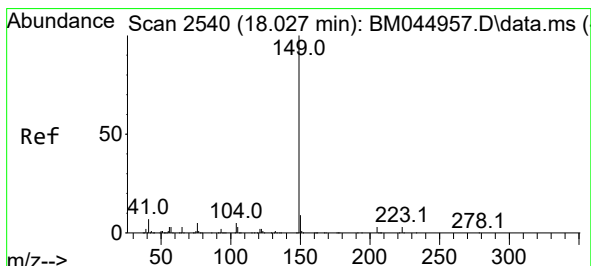
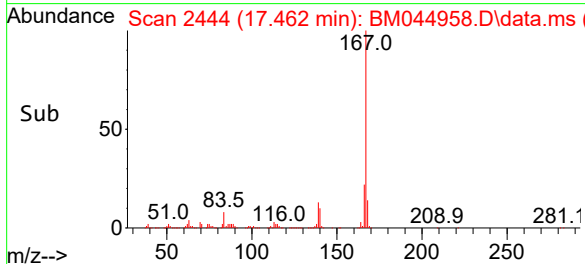
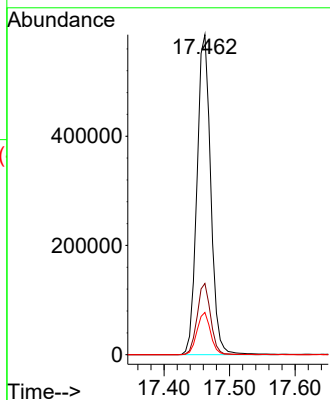
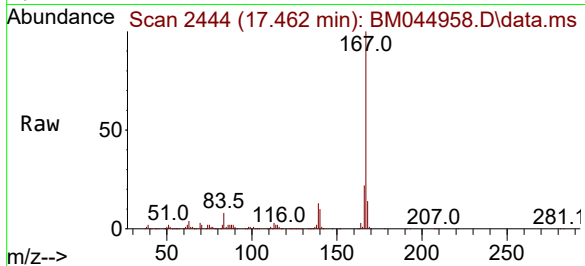




#77
 Carbazole
 Concen: 39.300 ng/ul
 RT: 17.462 min Scan# 2444
 Delta R.T. -0.000 min
 Lab File: BM044958.D
 Acq: 05 Apr 2024 20:57

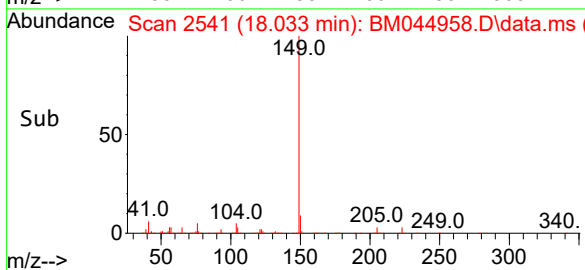
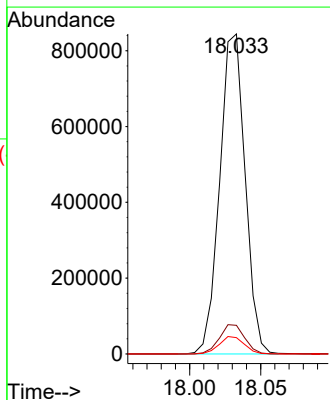
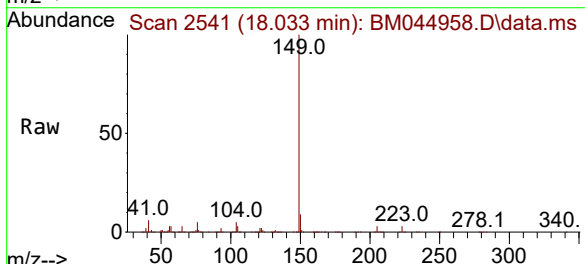
Instrument :
 BNA_M
 ClientSampleId :
 SSTD040030

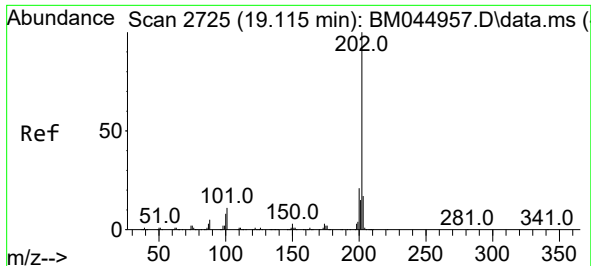
Tgt Ion:167 Resp: 855659
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 13.2 10.7 16.1



#78
 Di-n-butylphthalate
 Concen: 35.868 ng/ul
 RT: 18.033 min Scan# 2541
 Delta R.T. 0.006 min
 Lab File: BM044958.D
 Acq: 05 Apr 2024 20:57

Tgt Ion:149 Resp: 1050407
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.1 4.3 6.5

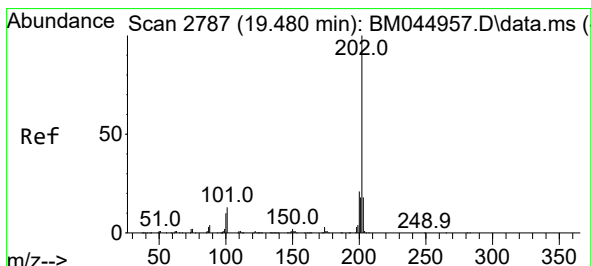
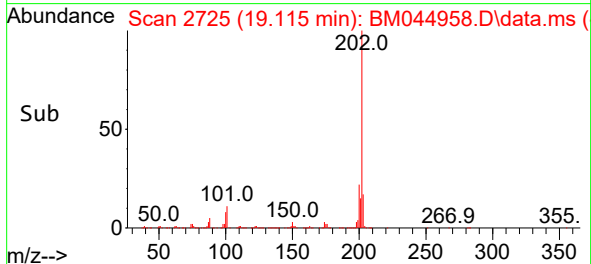
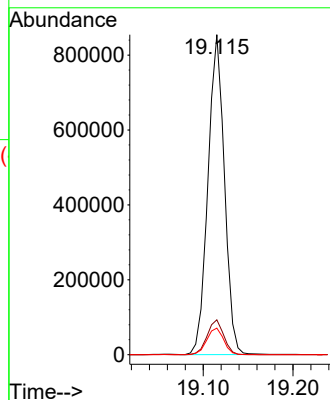
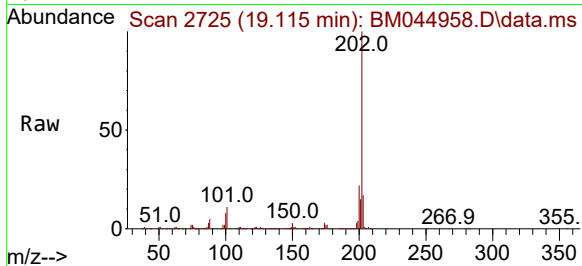




#80
Fluoranthene
Concen: 32.586 ng/ul
RT: 19.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

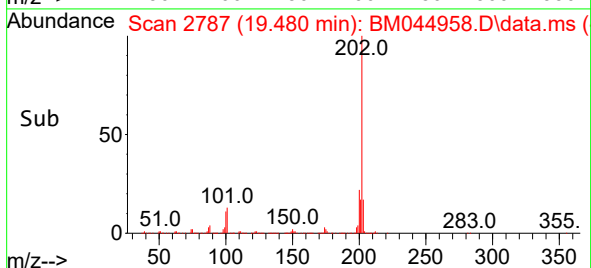
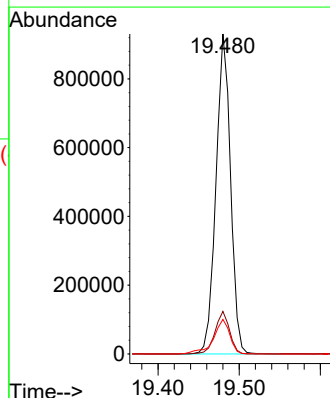
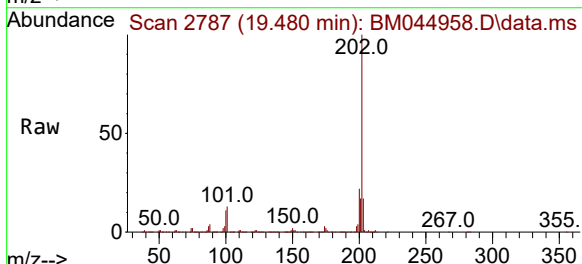
Instrument :
BNA_M
ClientSampleId :
SSTD040030

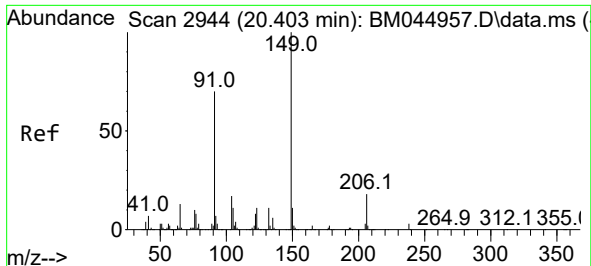
Tgt Ion:202 Resp: 1089667
Ion Ratio Lower Upper
202 100
101 10.9 8.7 13.1
100 8.3 6.3 9.5



#82
Pyrene
Concen: 33.320 ng/ul
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:202 Resp: 1160004
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.4
100 10.8 8.5 12.7

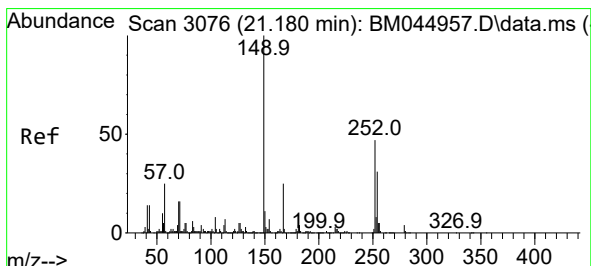
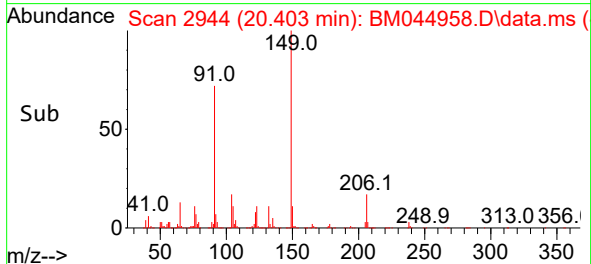
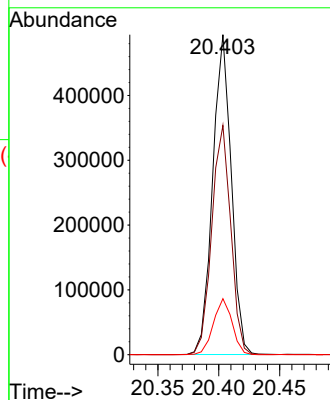
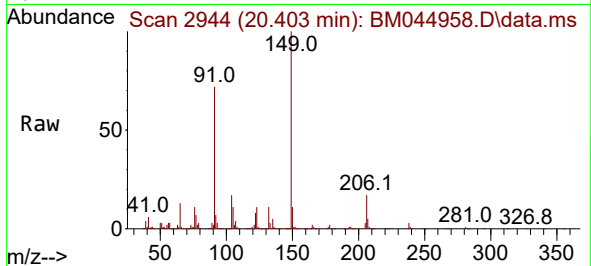




#83
Butylbenzylphthalate
Concen: 30.630 ng/ul
RT: 20.403 min Scan# 2944
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

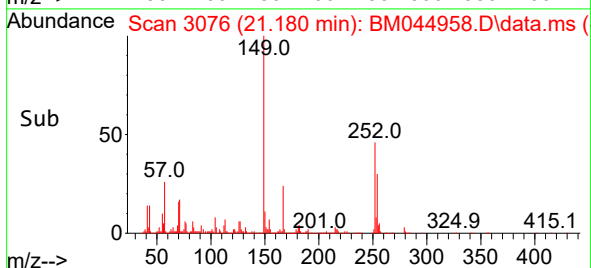
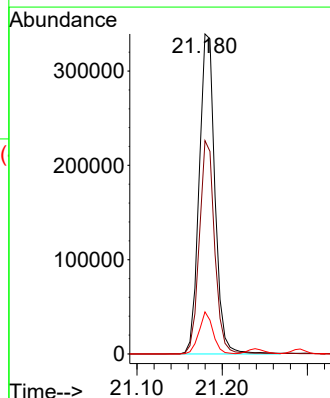
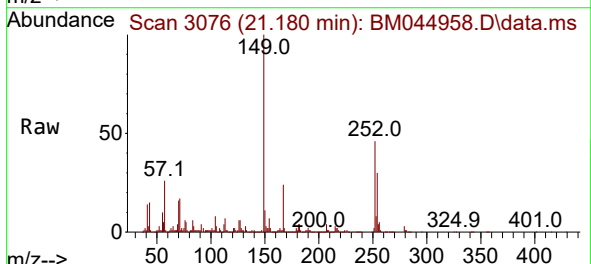
Instrument :
BNA_M
ClientSampleId :
SSTD040030

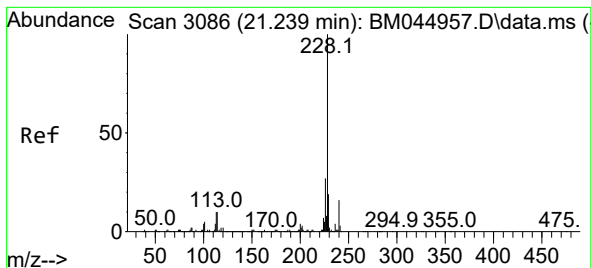
Tgt Ion:149 Resp: 524336
Ion Ratio Lower Upper
149 100
91 71.7 56.2 84.4
206 17.5 14.3 21.5



#84
3,3'-Dichlorobenzidine
Concen: 44.065 ng/ul
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:252 Resp: 436385
Ion Ratio Lower Upper
252 100
254 66.6 53.9 80.9
126 13.2 9.0 13.4





#85

Benzo(a)anthracene

Concen: 36.926 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

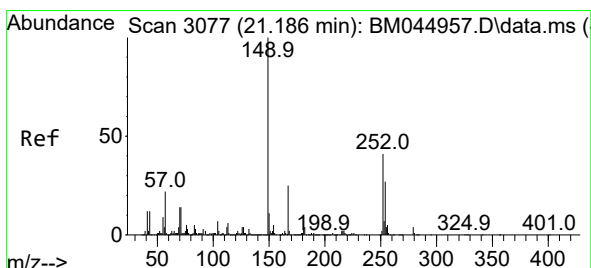
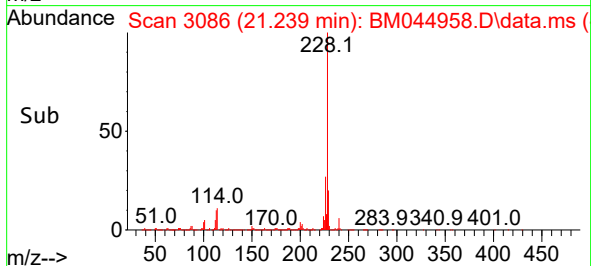
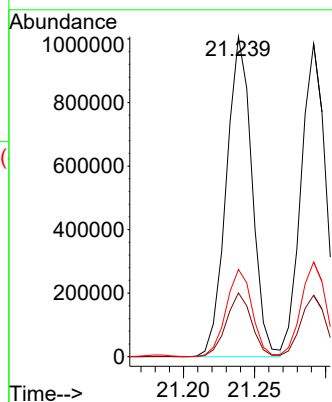
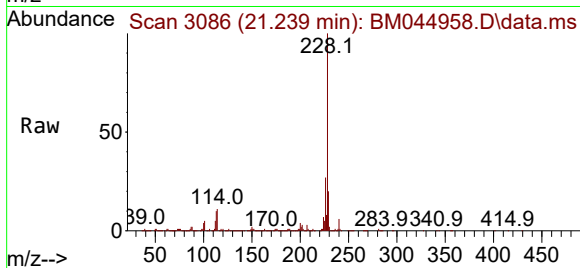
Tgt Ion:228 Resp: 1269524

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 27.2 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.423 ng/ul

RT: 21.186 min Scan# 3077

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

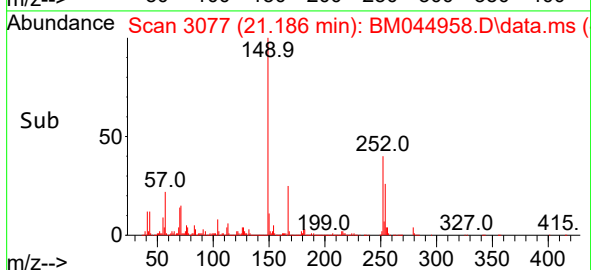
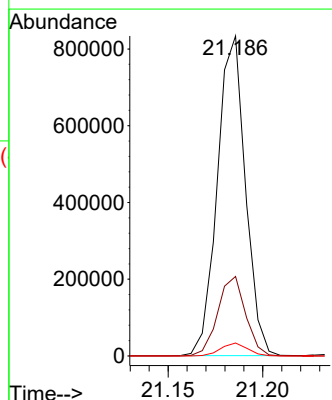
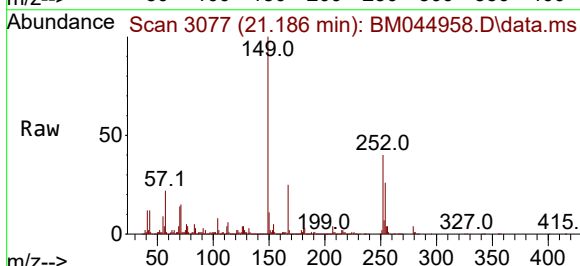
Tgt Ion:149 Resp: 859170

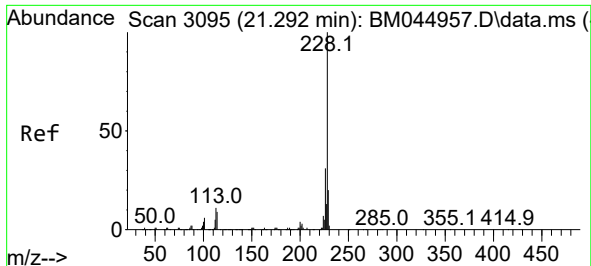
Ion Ratio Lower Upper

149 100

167 24.9 19.7 29.5

279 4.1 3.3 4.9

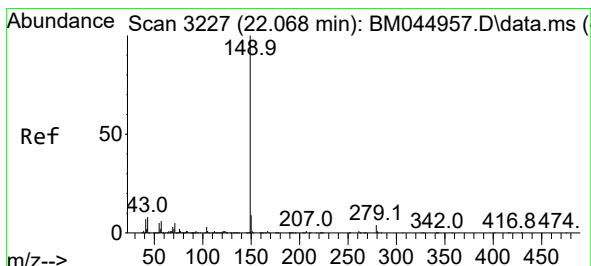
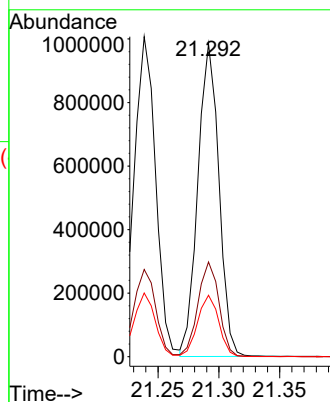
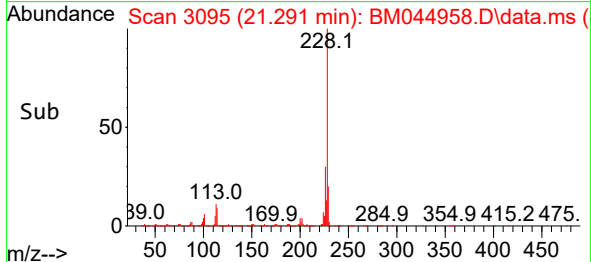
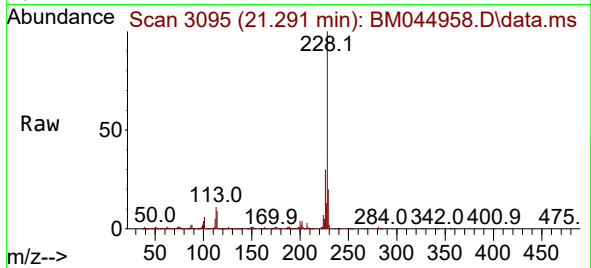




#87
Chrysene
Concen: 37.158 ng/ul
RT: 21.291 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

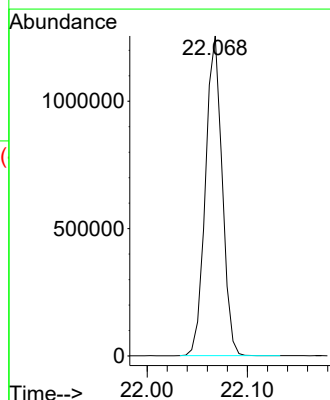
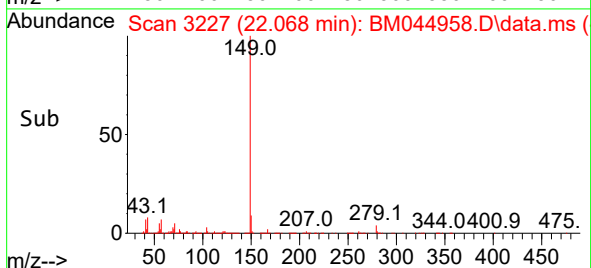
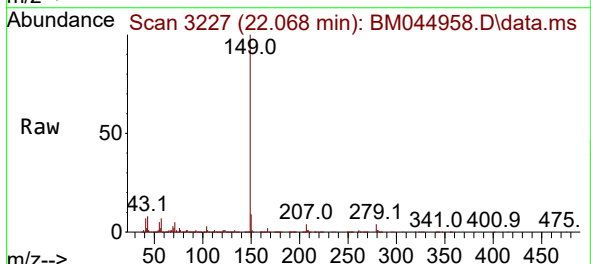
Instrument :
BNA_M
ClientSampleId :
SSTD040030

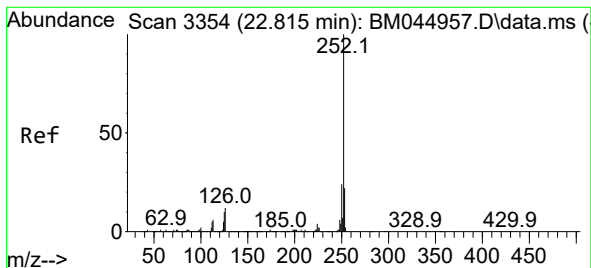
Tgt Ion:228 Resp: 1182753
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.6 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 28.342 ng/ul
RT: 22.068 min Scan# 3227
Delta R.T. -0.000 min
Lab File: BM044958.D
Acq: 05 Apr 2024 20:57

Tgt Ion:149 Resp: 1452222





#90

Benzo(b)fluoranthene

Concen: 37.099 ng/ul

RT: 22.815 min Scan# 3354

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

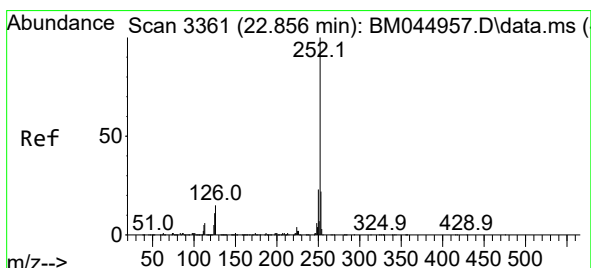
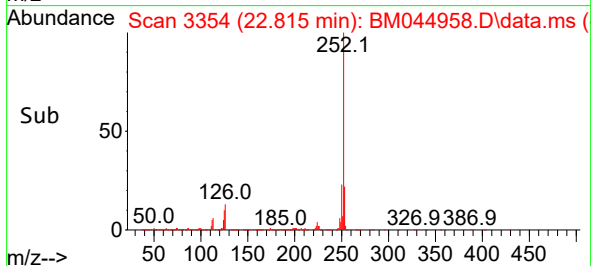
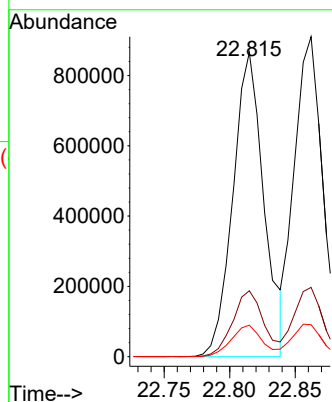
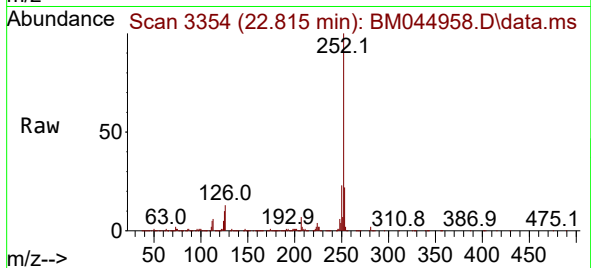
Tgt Ion:252 Resp: 1421319

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 10.3 8.2 12.4



#91

Benzo(k)fluoranthene

Concen: 36.294 ng/ul

RT: 22.862 min Scan# 3362

Delta R.T. 0.006 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

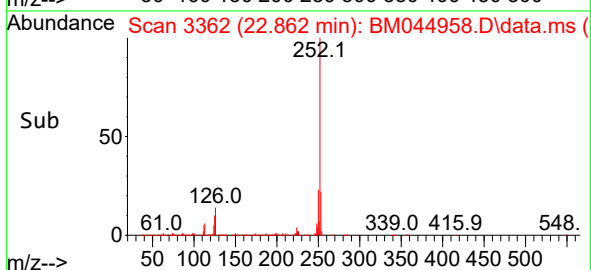
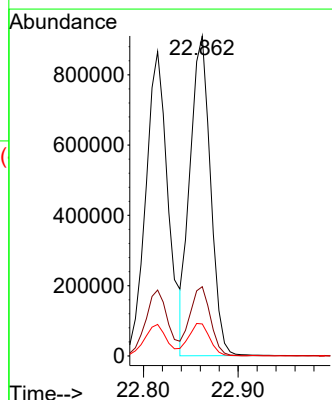
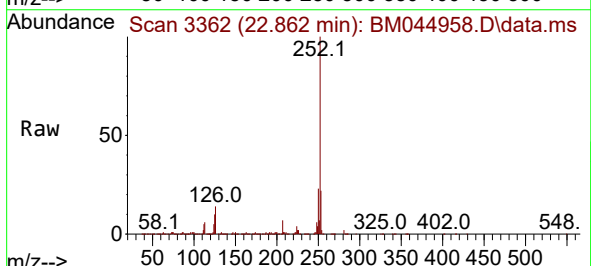
Tgt Ion:252 Resp: 1361860

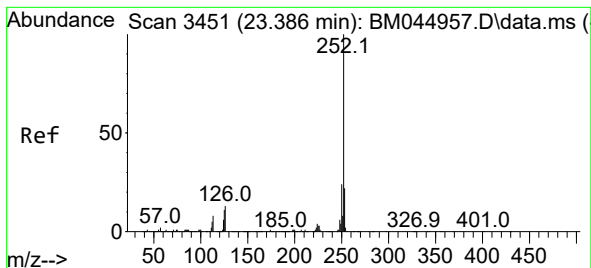
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 8.5 12.7





#93

Benzo(a)pyrene

Concen: 37.614 ng/ul

RT: 23.385 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

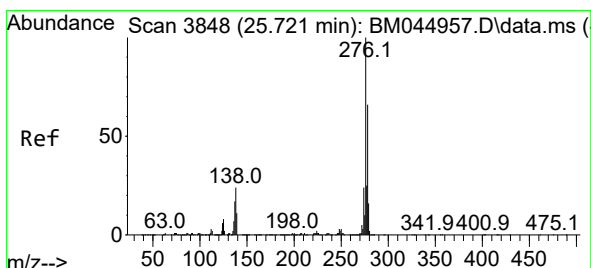
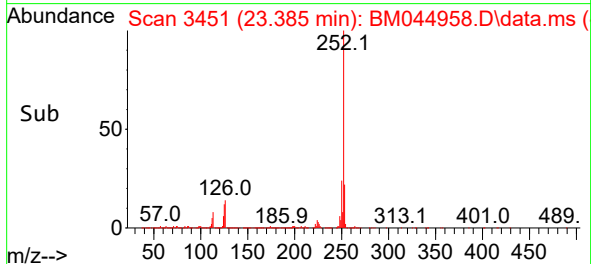
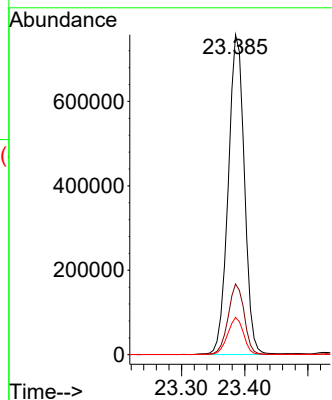
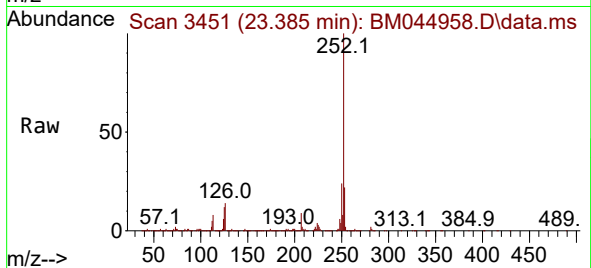
Tgt Ion:252 Resp: 1348018

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.7 8.8 13.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 43.015 ng/ul

RT: 25.727 min Scan# 3849

Delta R.T. 0.006 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

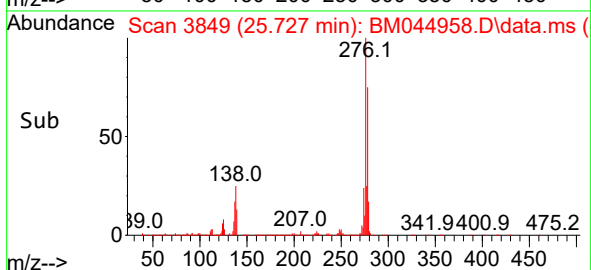
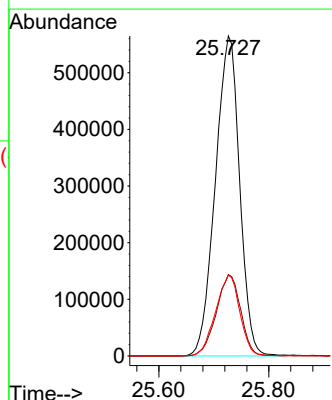
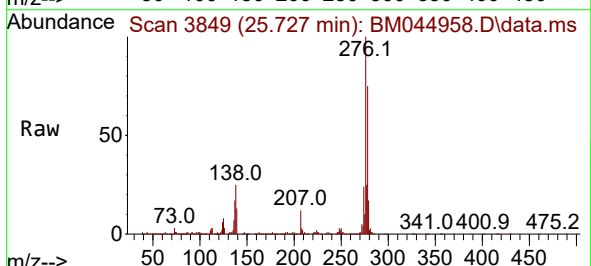
Tgt Ion:276 Resp: 1729055

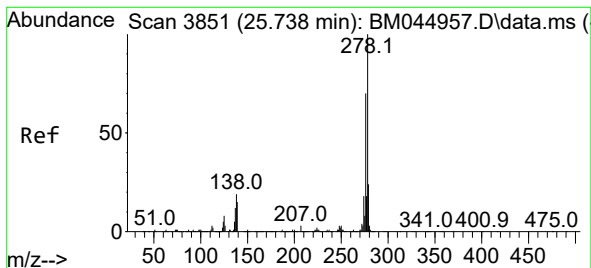
Ion Ratio Lower Upper

276 100

138 25.5 19.0 28.6

277 25.3 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 43.523 ng/ul

RT: 25.738 min Scan# 3851

Delta R.T. -0.000 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Instrument :

BNA_M

ClientSampleId :

SSTD040030

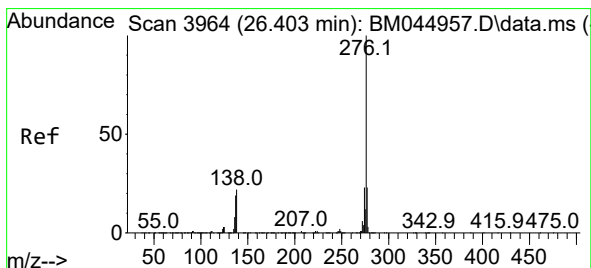
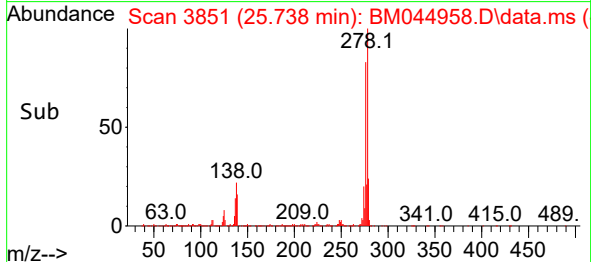
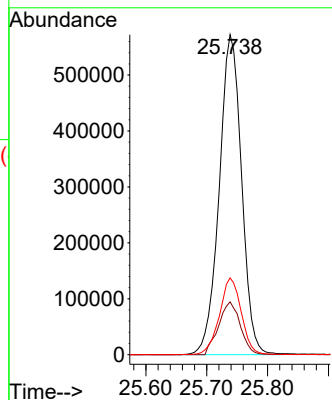
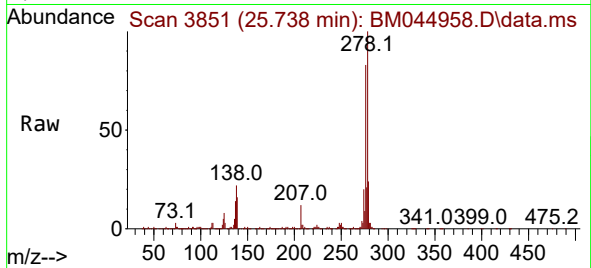
Tgt Ion:278 Resp: 1458739

Ion Ratio Lower Upper

278 100

139 16.5 11.9 17.9

279 24.0 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 41.952 ng/ul

RT: 26.409 min Scan# 3965

Delta R.T. 0.006 min

Lab File: BM044958.D

Acq: 05 Apr 2024 20:57

Tgt Ion:276 Resp: 1345714

Ion Ratio Lower Upper

276 100

138 21.3 17.8 26.6

277 24.0 18.7 28.1

