

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043337.D
 Acq On : 14 Dec 2023 13:50
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020162

Quant Time: Dec 14 22:57:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	647155	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	3014452	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1775921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	3551133	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.539	240	2840882	20.000	ng/u1	# 0.00
88) Perylene-d12	23.962	264	2631012	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	122619	7.436	ng/uL	0.00
4) Pyridine-d5	3.810	84	1014667	20.739	ng/u1	0.00
7) Phenol-d5	7.151	99	1394983	21.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	863224	21.704	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	1034602	21.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	1085797	21.362	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	543105	21.138	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	563051	22.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1034017	18.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	1531096	19.269	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2943340	18.907	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	3564795	19.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	595529	21.349	ng/u1	0.00
60) Fluorene-d10	15.616	176	2505829	18.465	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	321576	16.453	ng/u1	0.00
73) Anthracene-d10	17.462	188	3693874	19.227	ng/u1	0.00
81) Pyrene-d10	19.751	212	3898298	21.446	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	2987450	19.459	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	133937	7.395	ng/uL	95
5) Pyridine	3.828	79	1052013	20.921	ng/u1	98
6) Benzaldehyde	7.134	77	747343	22.600	ng/u1	97
8) Phenol	7.181	94	1365817	21.495	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	1083005	21.139	ng/u1	98
12) 2-Chlorophenol	7.551	128	1050523	21.142	ng/u1	98
13) 2-Methylphenol	8.434	108	1042861	21.225	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	1859995	21.836	ng/u1	99
16) Acetophenone	8.828	105	1657718	20.291	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.816	70	925444	20.667	ng/u1	99
18) 4-Methylphenol	8.769	108	1137000	21.328	ng/u1	97
19) Hexachloroethane	9.069	117	431825	20.503	ng/u1	83
22) Nitrobenzene	9.210	77	1327167	21.484	ng/u1	98
23) Isophorone	9.734	82	2605133	19.791	ng/u1	99
25) 2-Nitrophenol	9.916	139	597178	21.992	ng/u1	94
26) 2,4-Dimethylphenol	9.975	107	1046278	19.652	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.222	93	1535701	19.843	ng/u1	99
29) 2,4-Dichlorophenol	10.445	162	996415	18.590	ng/u1	97
30) Naphthalene	10.851	128	3554398	19.210	ng/u1	100
32) 4-Chloroaniline	10.969	127	1481373	19.765	ng/u1	100
33) Hexachlorobutadiene	11.122	225	500835	14.996	ng/u1	99
34) Caprolactam	11.751	113	204104	12.807	ng/u1	89
35) 4-Chloro-3-methylphenol	12.086	107	1152826	20.483	ng/u1	97
36) 2-Methylnaphthalene	12.457	142	2463227	18.504	ng/u1	100

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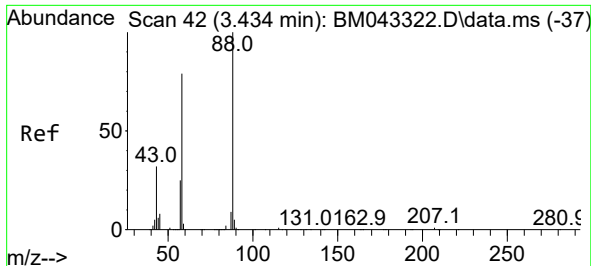
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	2458764	18.197	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	1028056	17.110	ng/ul#	97
40) Hexachlorocyclopentadiene	12.786	237	423621	12.425	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	729932	19.523	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	785477	19.303	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	3105621	19.768	ng/ul#	98
44) 2-Chloronaphthalene	13.504	162	2406294	19.759	ng/ul	97
45) 2-Nitroaniline	13.716	65	825013	25.637	ng/ul	94
47) Dimethylphthalate	14.092	163	2894255	18.955	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	592643	21.067	ng/ul	96
50) Acenaphthylene	14.351	152	4047320	19.883	ng/ul	100
51) 3-Nitroaniline	14.539	138	714367	22.890	ng/ul	93
52) Acenaphthene	14.686	153	2646770	19.712	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	196833	15.241	ng/ul#	86
55) 4-Nitrophenol	14.839	109	458287	22.720	ng/ul	92
56) Dibenzofuran	15.021	168	3467376	18.905	ng/ul	93
57) 2,4-Dinitrotoluene	14.998	165	854186	21.266	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.245	232	601633	17.787	ng/ul#	88
59) Diethylphthalate	15.451	149	3053713	19.883	ng/ul	98
61) Fluorene	15.668	166	3013599	18.981	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1329560	16.950	ng/ul	91
63) 4-Nitroaniline	15.698	138	741212	23.637	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	347661	16.268	ng/ul#	88
67) N-Nitrosodiphenylamine	15.880	169	2431964	20.422	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	767803	17.880	ng/ul	96
69) Hexachlorobenzene	16.663	284	886985	17.408	ng/ul#	92
70) Atrazine	16.833	200	605251	18.023	ng/ul	96
71) Pentachlorophenol	17.010	266	525340	17.510	ng/ul	98
72) Phenanthrene	17.410	178	4418939	19.955	ng/ul	100
74) Anthracene	17.504	178	4496995	20.160	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.422	216	1035759	18.436	ng/ul	99
76) Pentachlorobenzene	14.933	250	1007027	17.638	ng/ul	98
77) Carbazole	17.774	167	4163283	22.721	ng/ul	99
78) Di-n-butylphthalate	18.339	149	5514287	23.137	ng/ul	99
80) Fluoranthene	19.415	202	4778397	22.916	ng/ul#	92
82) Pyrene	19.780	202	4910787	22.640	ng/ul	95
83) Butylbenzylphthalate	20.686	149	2505669	29.041	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.456	252	1307853	19.371	ng/ul#	99
85) Benzo(a)anthracene	21.521	228	4404445	20.221	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	3802585	27.919	ng/ul	99
87) Chrysene	21.580	228	3913972	20.119	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	6275216	34.675	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3695805	19.688	ng/ul#	96
91) Benzo(k)fluoranthene	23.268	252	3689770	19.735	ng/ul#	97
93) Benzo(a)pyrene	23.856	252	3368428	19.413	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.485	276	3810275	19.279	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.509	278	3181191	19.250	ng/ul#	95
96) Benzo(g,h,i)perylene	27.262	276	2925601	19.647	ng/ul#	93

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

SSTD020162

Response via : Initial Calibration

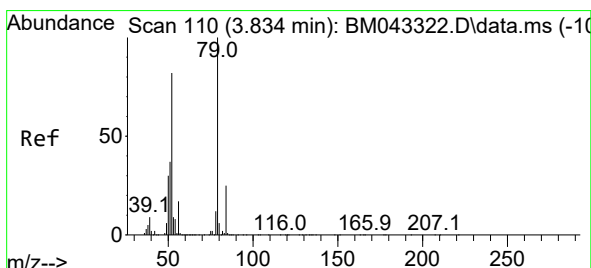
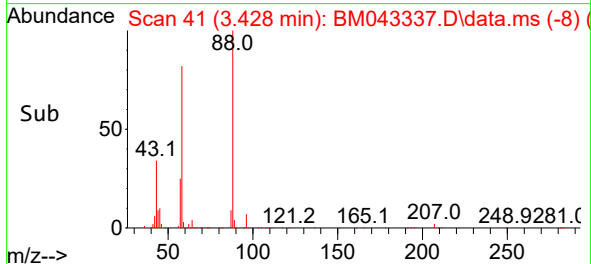
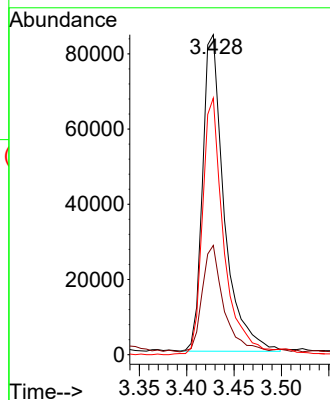
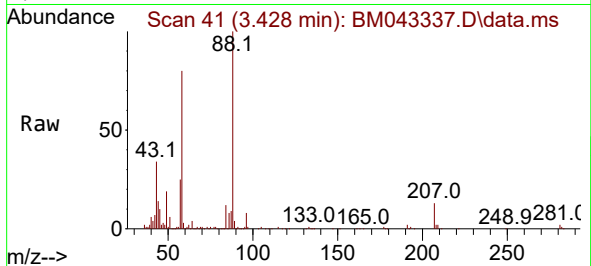




#2
1,4-Dioxane
Concen: 7.395 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM043337.D
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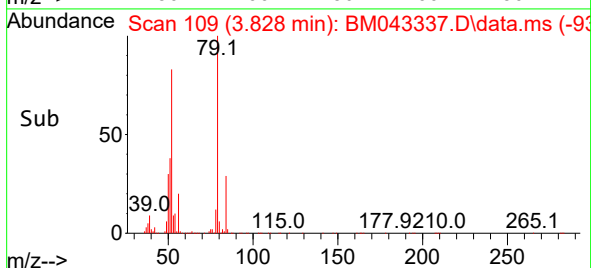
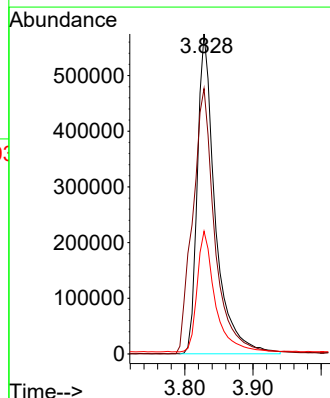
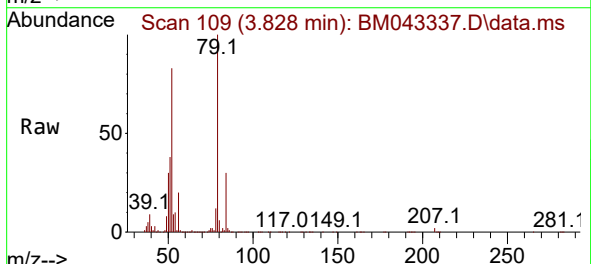
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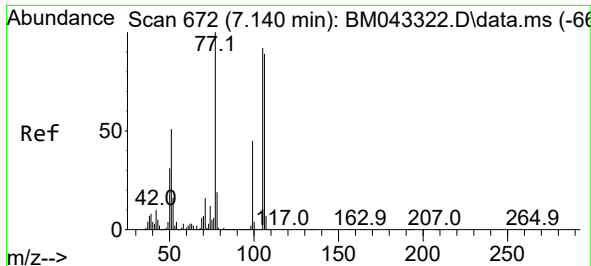
Tgt Ion: 88 Resp: 133937
Ion Ratio Lower Upper
88 100
43 34.1 25.0 37.4
58 80.2 60.6 90.8



#5
Pyridine
Concen: 20.921 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion: 79 Resp: 1052013
Ion Ratio Lower Upper
79 100
52 82.9 64.9 97.3
51 38.4 31.0 46.4

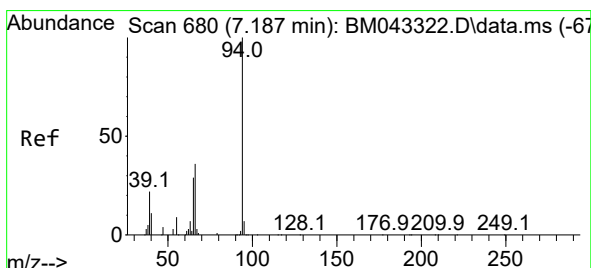
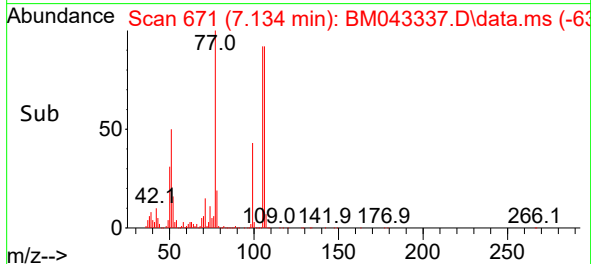
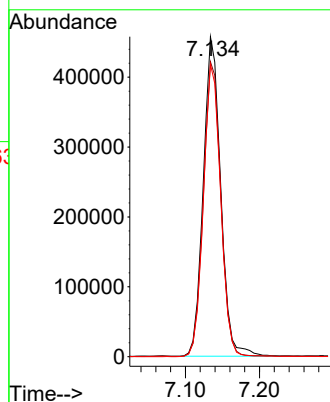
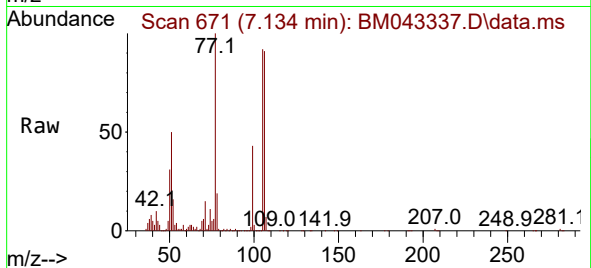




#6
Benzaldehyde
Concen: 22.600 ng/ul
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

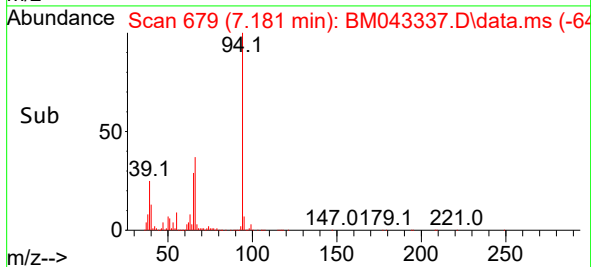
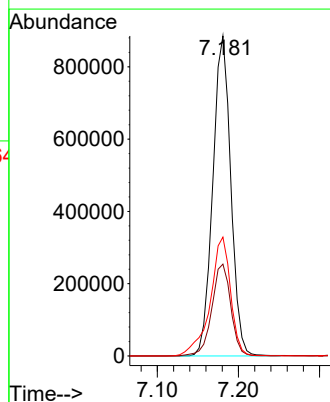
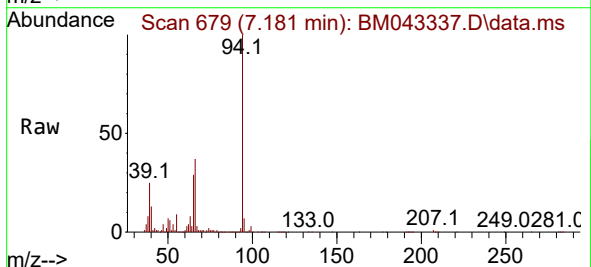
Instrument :
BNA_P
ClientSampleId :
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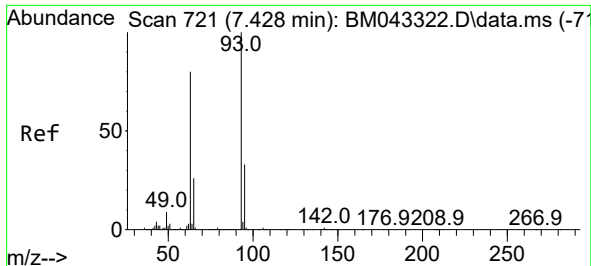
Tgt Ion: 77 Resp: 747343
Ion Ratio Lower Upper
77 100
105 92.1 76.3 114.5
106 91.3 74.6 112.0



#8
Phenol
Concen: 21.495 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion: 94 Resp: 1365817
Ion Ratio Lower Upper
94 100
65 28.7 23.5 35.3
66 37.2 29.9 44.9

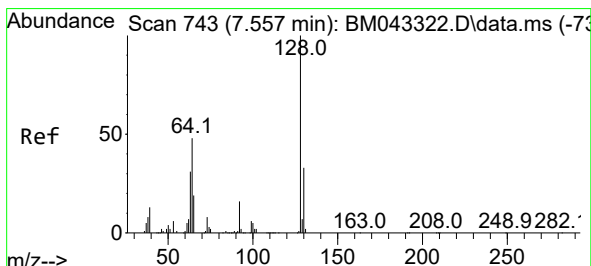
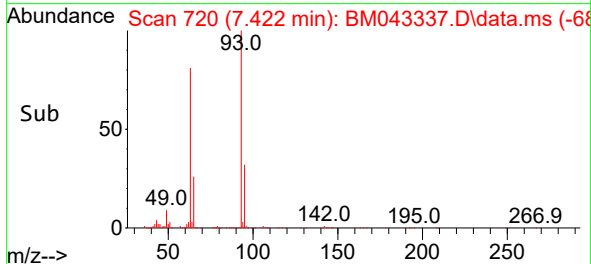
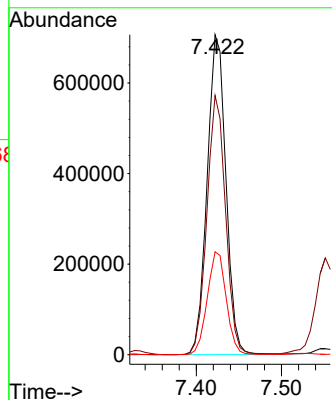
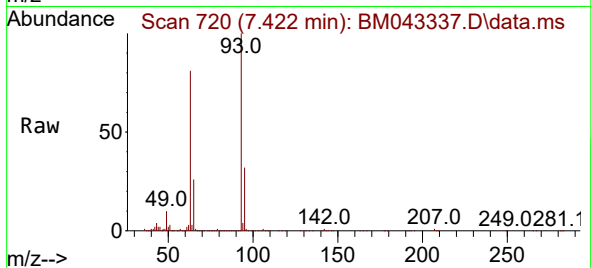




#10
Bis(2-Chloroethyl)ether
Concen: 21.139 ng/ul
RT: 7.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

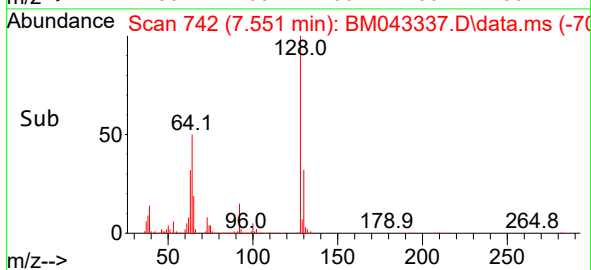
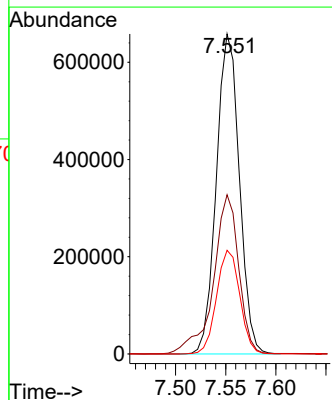
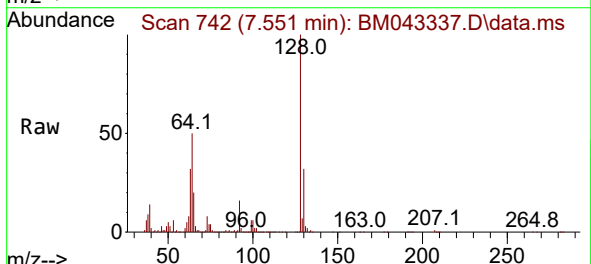
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ClientSampleId :
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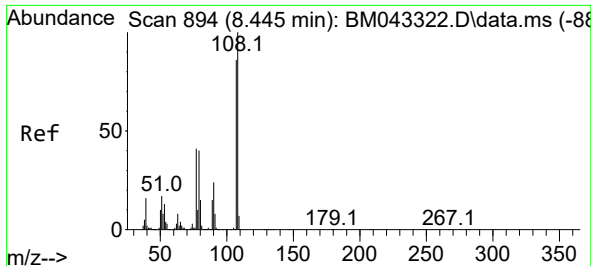
Tgt Ion: 93 Resp: 1083005
Ion Ratio Lower Upper
93 100
63 81.0 63.0 94.4
95 32.2 26.0 39.0



#12
2-Chlorophenol
Concen: 21.142 ng/ul
RT: 7.551 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:128 Resp: 1050523
Ion Ratio Lower Upper
128 100
64 49.8 38.3 57.5
130 32.4 26.6 40.0

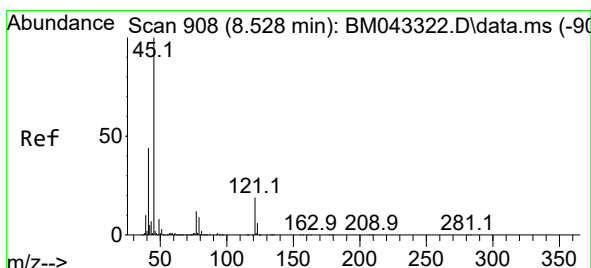
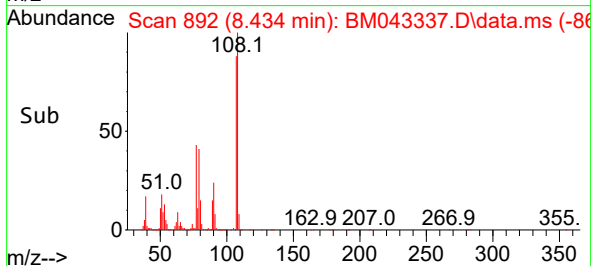
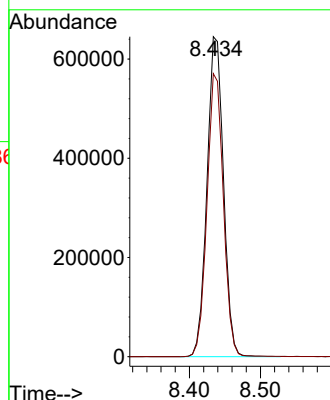
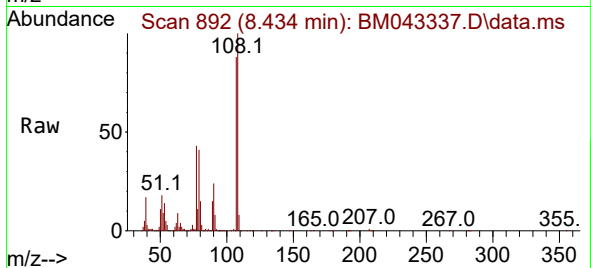




#13
2-Methylphenol
Concen: 21.225 ng/ul
RT: 8.434 min Scan# 894
Delta R.T. -0.012 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

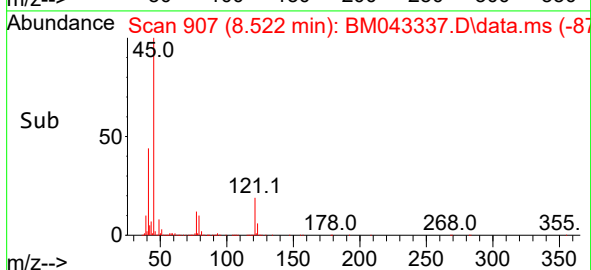
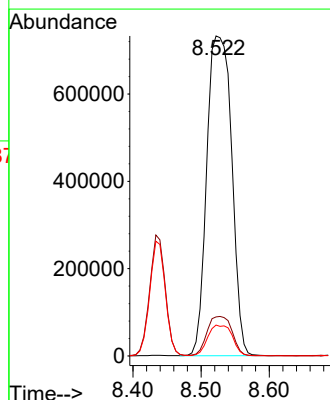
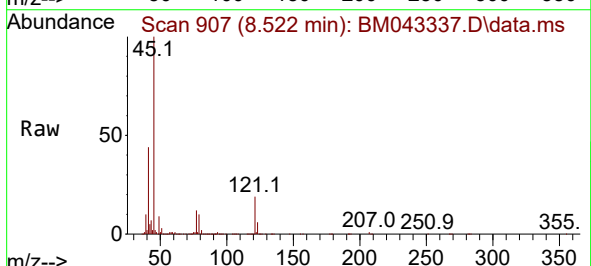
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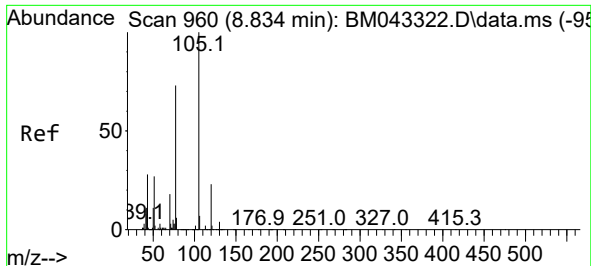
Tgt Ion:108 Resp: 1042861
Ion Ratio Lower Upper
108 100
107 88.5 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.836 ng/ul
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion: 45 Resp: 1859995
Ion Ratio Lower Upper
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77 12.2 10.2 15.2
79 9.6 7.2 10.8

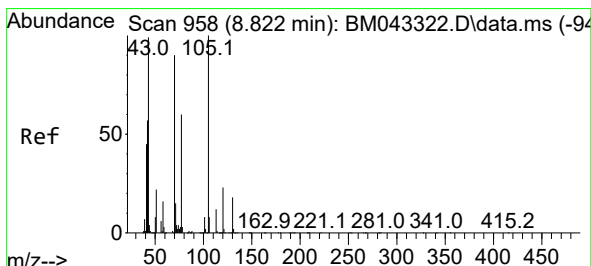
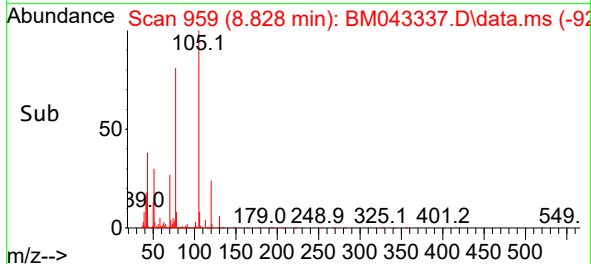
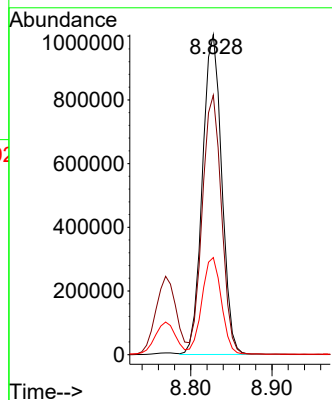
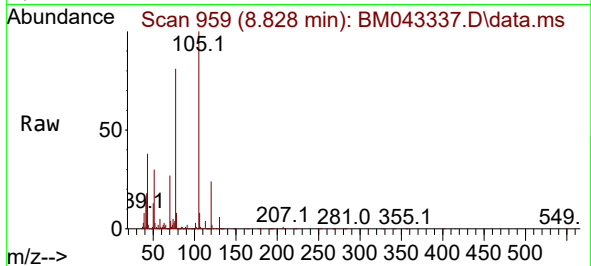




#16
Acetophenone
Concen: 20.291 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

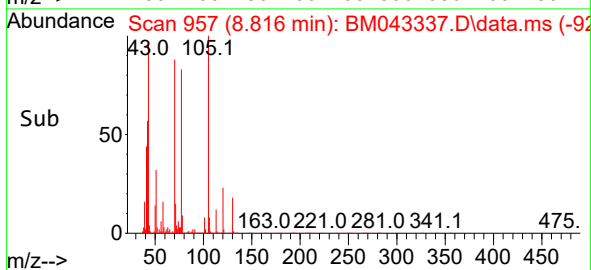
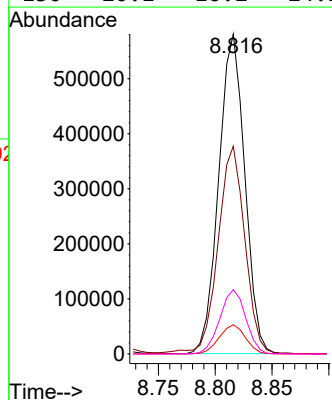
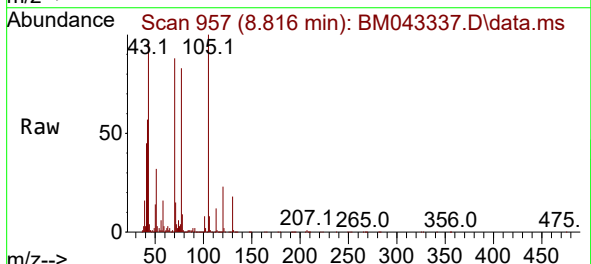
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ClientSampleId :
SSTD020162

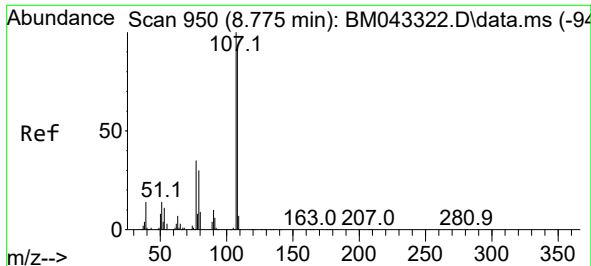
Tgt Ion:105 Resp: 1657718
Ion Ratio Lower Upper
105 100
77 81.1 62.7 94.1
51 30.3 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.667 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion: 70 Resp: 925444
Ion Ratio Lower Upper
70 100
42 65.0 52.3 78.5
101 9.1 7.0 10.6
130 20.1 16.2 24.2

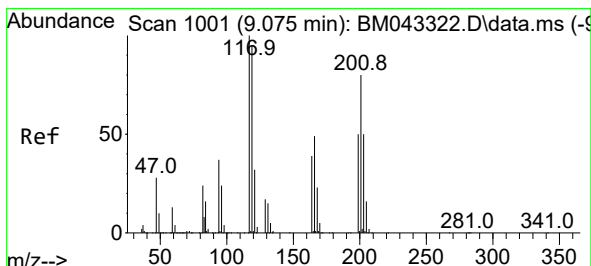
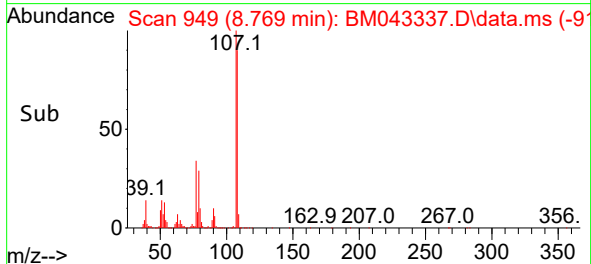
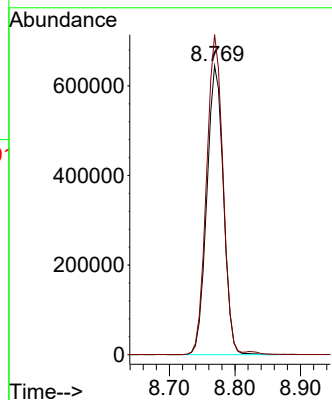
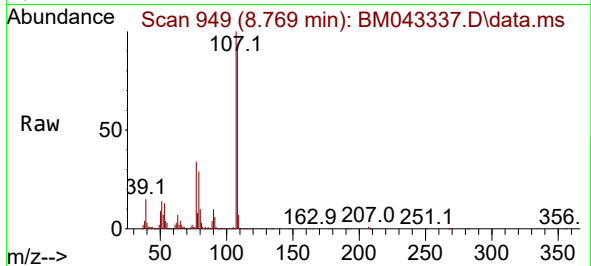




#18
4-Methylphenol
Concen: 21.328 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

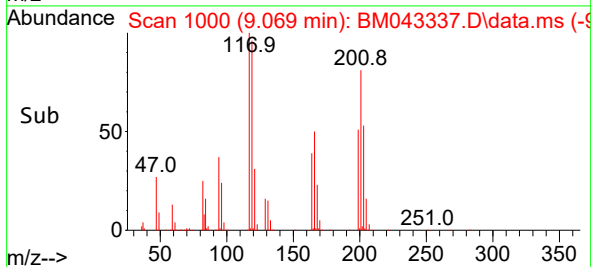
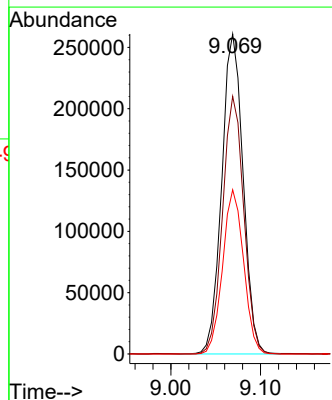
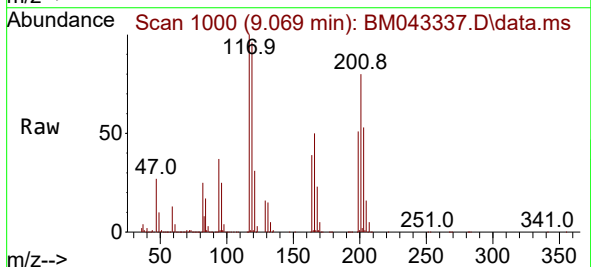
Instrument :
BNA_P
ClientSampleId :
SSTD020162

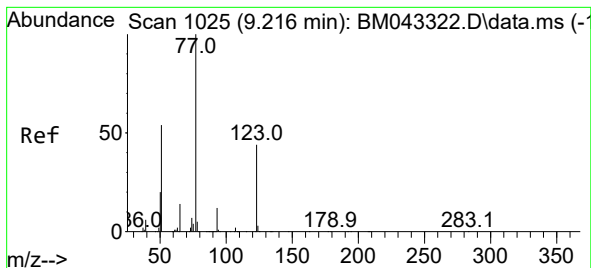
Tgt Ion:108 Resp: 1137000
Ion Ratio Lower Upper
108 100
107 110.8 86.4 129.6



#19
Hexachloroethane
Concen: 20.503 ng/ul
RT: 9.069 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:117 Resp: 431825
Ion Ratio Lower Upper
117 100
201 80.5 79.2 118.8
199 51.3 49.8 74.8

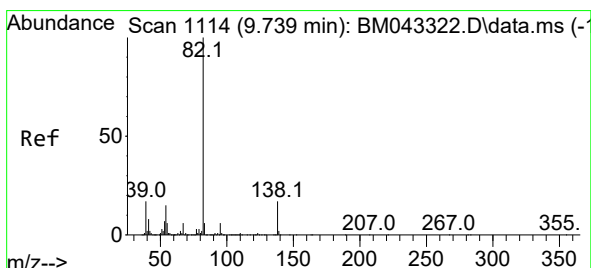
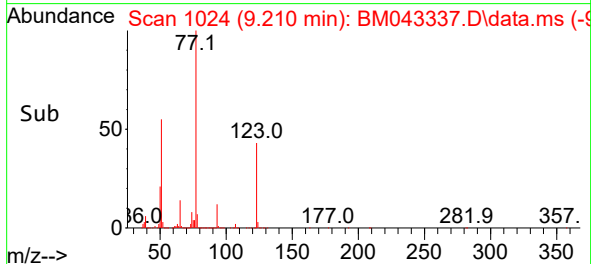
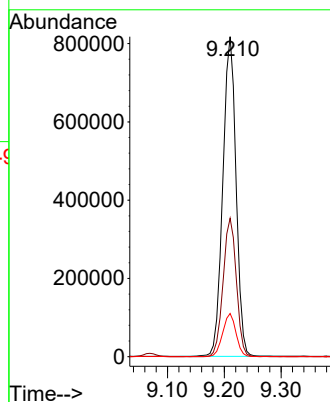
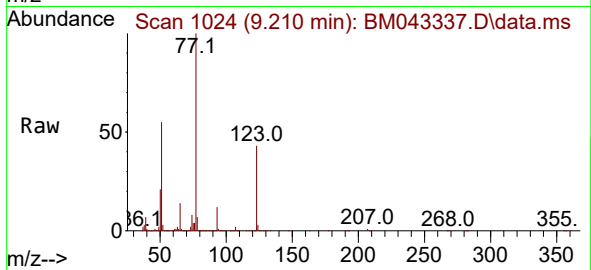




#22
Nitrobenzene
Concen: 21.484 ng/ul
RT: 9.210 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

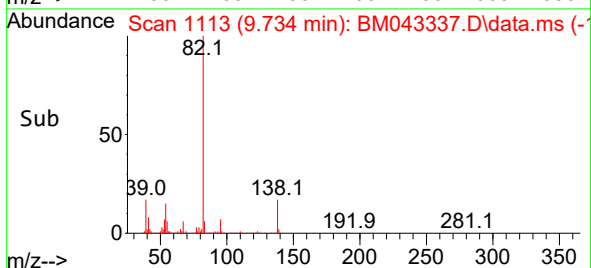
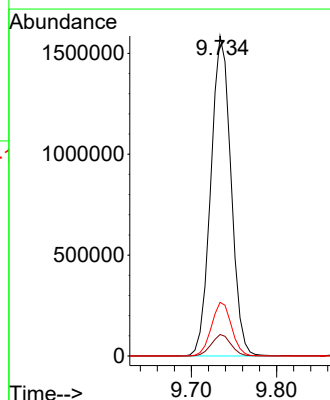
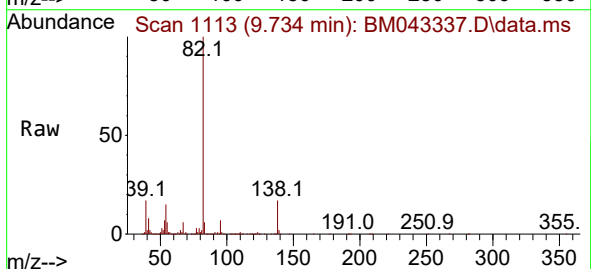
Instrument :
BNA_P
ClientSampleId :
SSTD020162

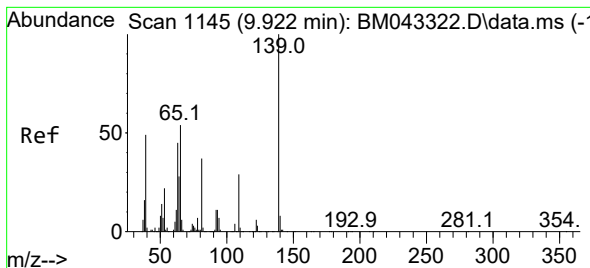
Tgt Ion: 77 Resp: 1327167
Ion Ratio Lower Upper
77 100
123 43.2 35.6 53.4
65 13.5 11.0 16.4



#23
Isophorone
Concen: 19.791 ng/ul
RT: 9.734 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion: 82 Resp: 2605133
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.7 14.0 21.0

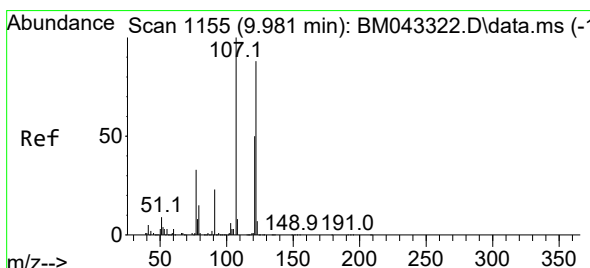
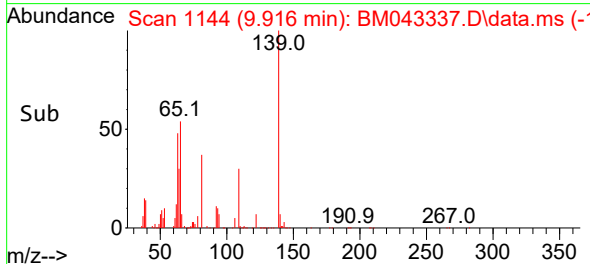
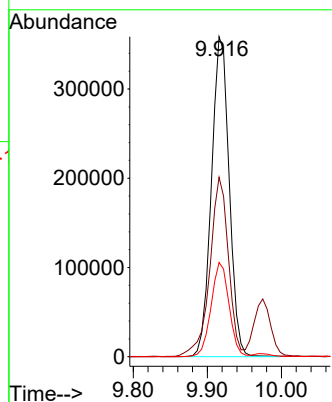
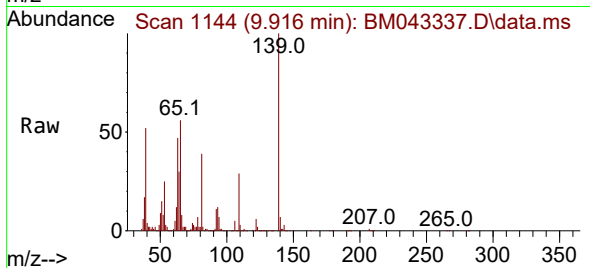




#25
2-Nitrophenol
Concen: 21.992 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

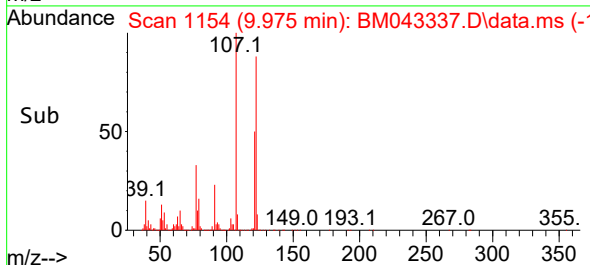
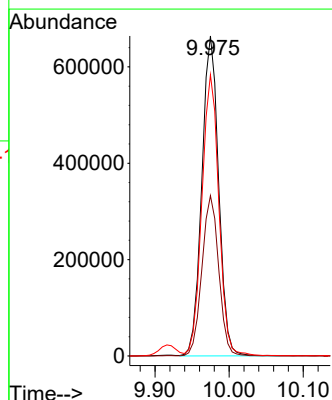
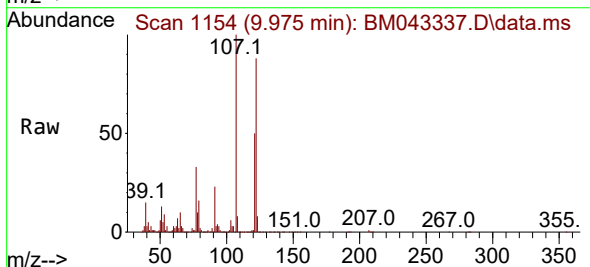
Instrument :
BNA_P
ClientSampleId :
SSTD020162

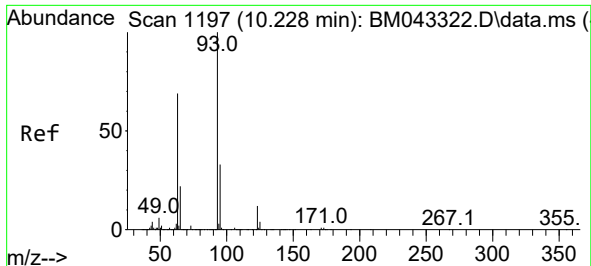
Tgt Ion:139 Resp: 597178
Ion Ratio Lower Upper
139 100
65 56.1 40.6 60.8
109 29.5 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 19.652 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:107 Resp: 1046278
Ion Ratio Lower Upper
107 100
121 50.1 42.2 63.2
122 87.8 72.0 108.0





#27

Bis(2-Chloroethoxy)methane

Concen: 19.843 ng/ul

RT: 10.222 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

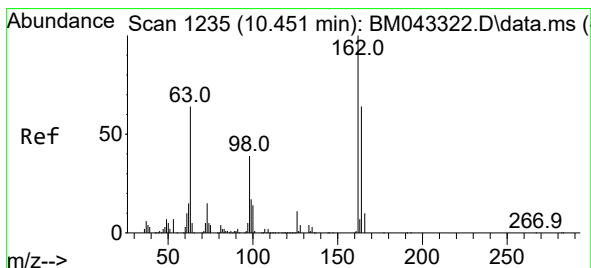
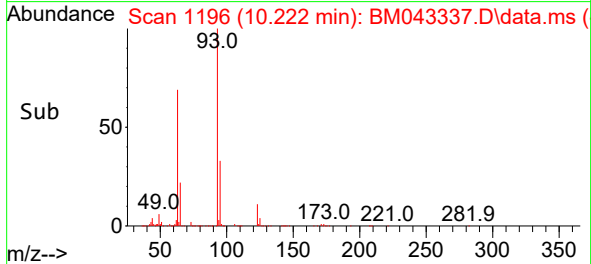
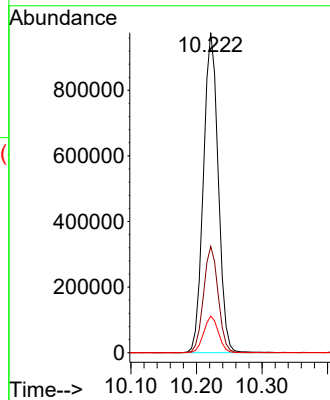
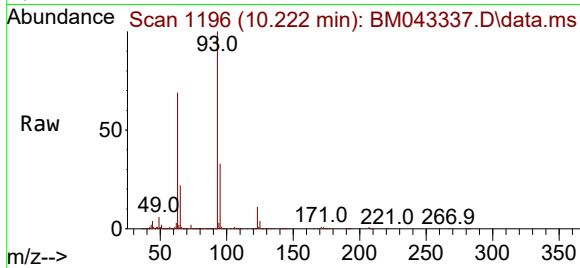
Tgt Ion: 93 Resp: 1535701

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

123 11.5 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 18.590 ng/ul

RT: 10.445 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

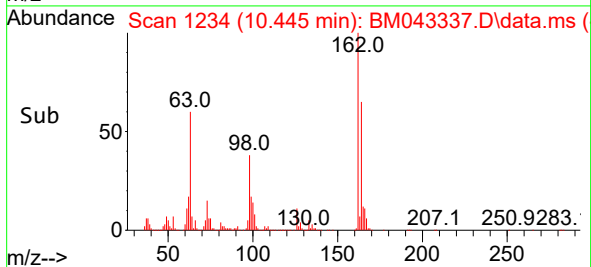
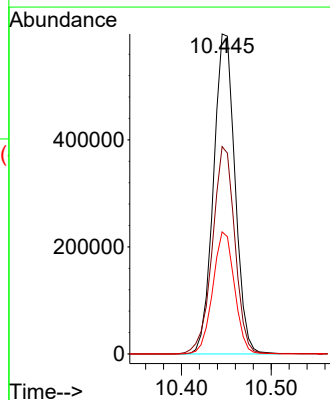
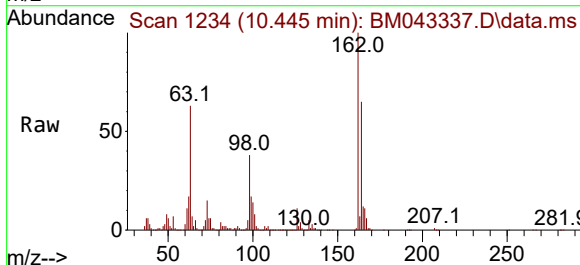
Tgt Ion:162 Resp: 996415

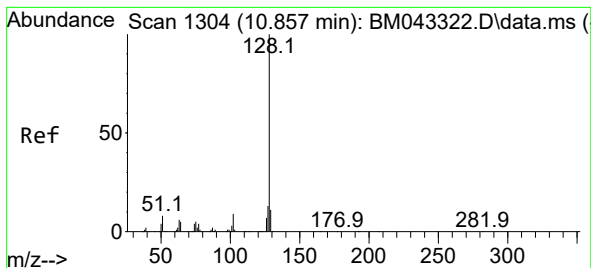
Ion Ratio Lower Upper

162 100

164 64.8 51.4 77.0

98 38.2 26.9 40.3





#30

Naphthalene

Concen: 19.210 ng/ul

RT: 10.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

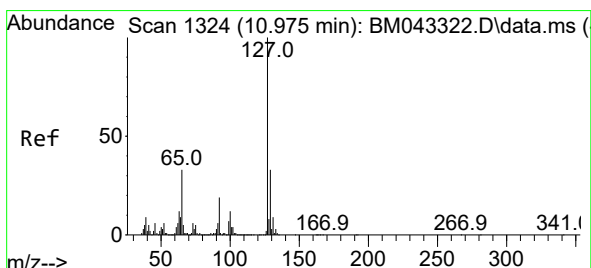
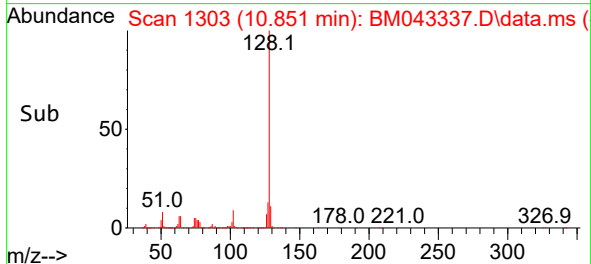
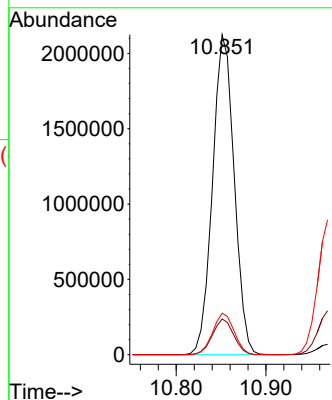
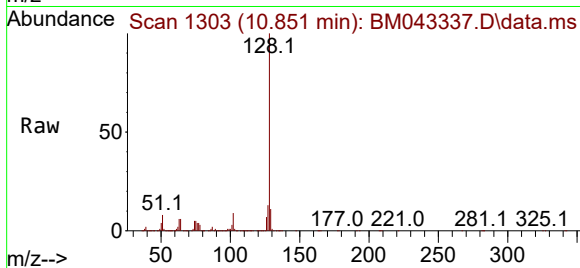
Tgt Ion:128 Resp: 3554398

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.0 10.4 15.6



#32

4-Chloroaniline

Concen: 19.765 ng/ul

RT: 10.969 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BM043337.D

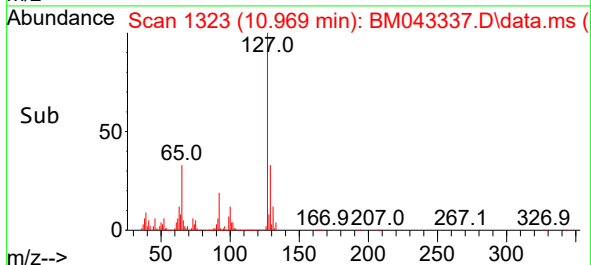
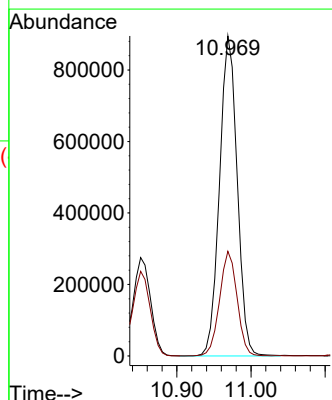
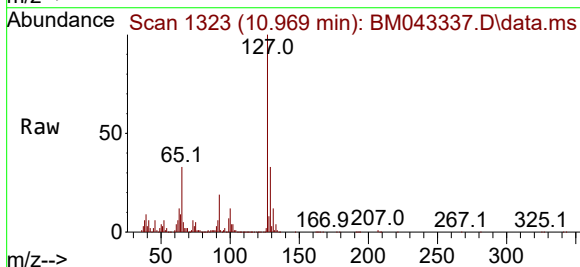
Acq: 14 Dec 2023 13:50

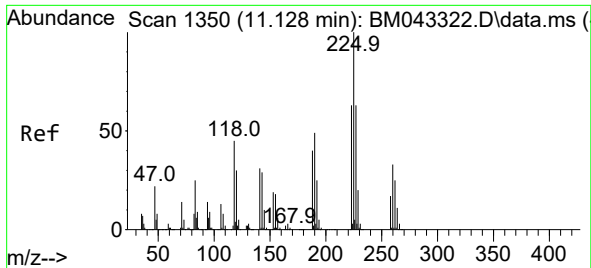
Tgt Ion:127 Resp: 1481373

Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

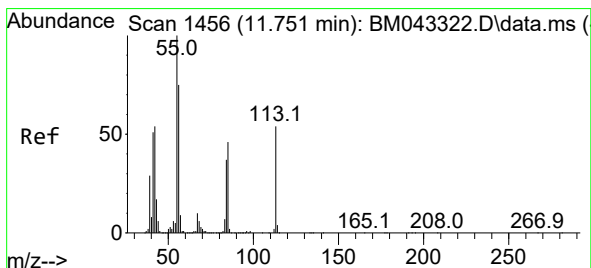
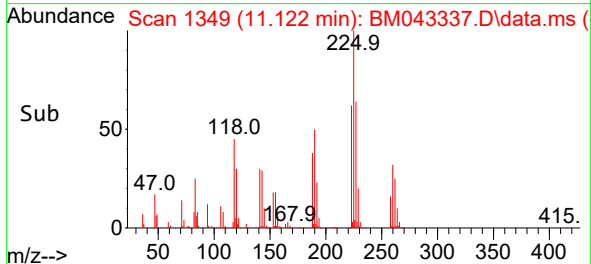
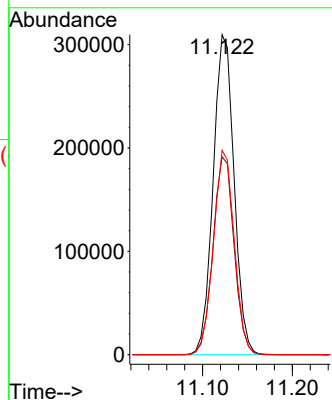
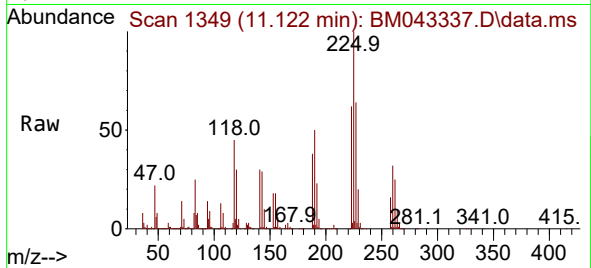




#33
Hexachlorobutadiene
Concen: 14.996 ng/ul
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

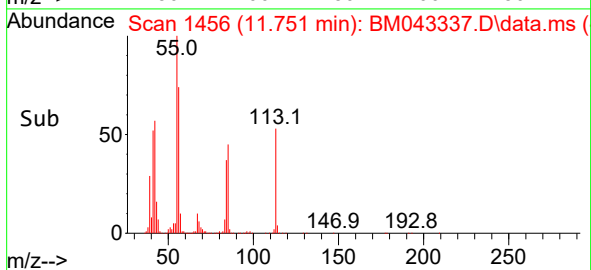
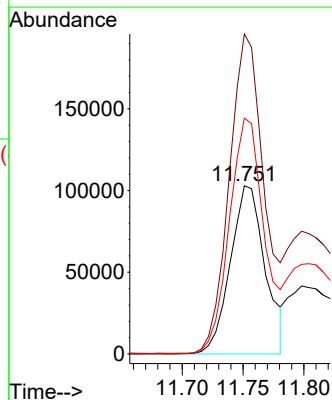
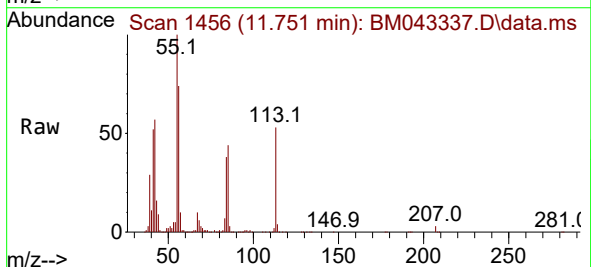
Instrument :
BNA_P
ClientSampleId :
SSTD020162

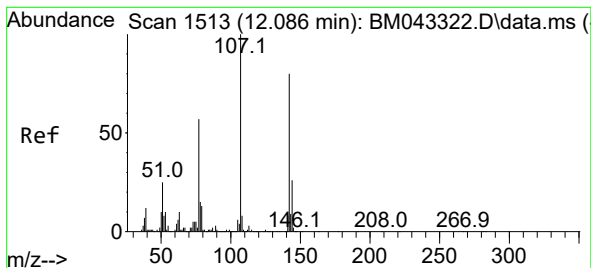
Tgt Ion:225 Resp: 500835
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.4
227 63.9 52.0 78.0



#34
Caprolactam
Concen: 12.807 ng/ul
RT: 11.751 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:113 Resp: 204104
Ion Ratio Lower Upper
113 100
55 190.3 139.5 209.3
56 140.3 103.5 155.3

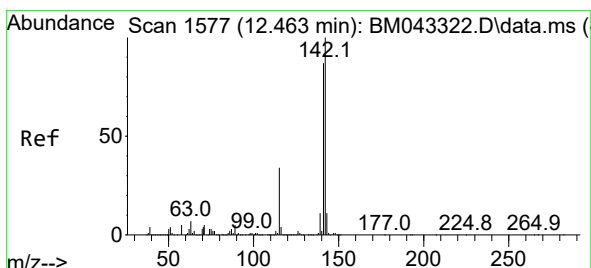
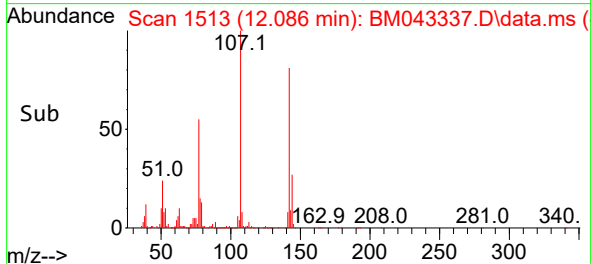
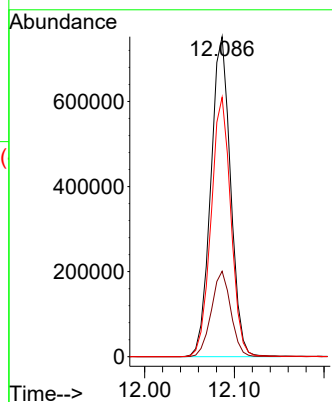
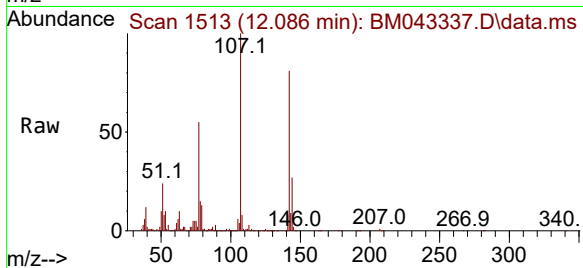




#35
4-Chloro-3-methylphenol
Concen: 20.483 ng/ul
RT: 12.086 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

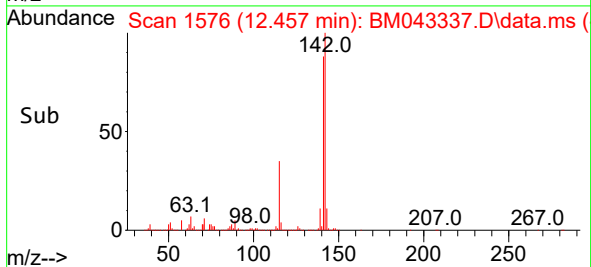
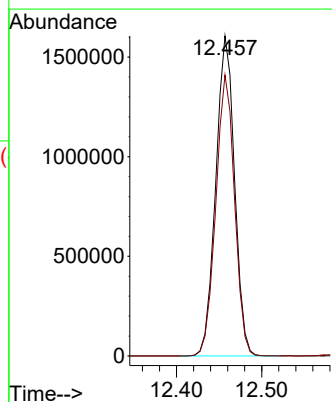
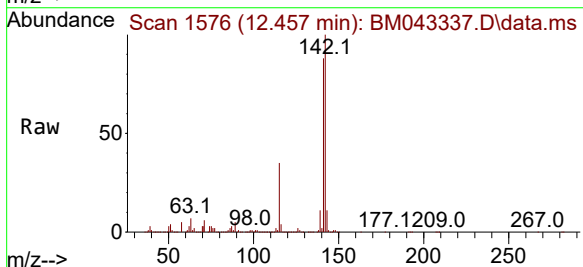
Instrument :
BNA_P
ClientSampleId :
SSTD020162

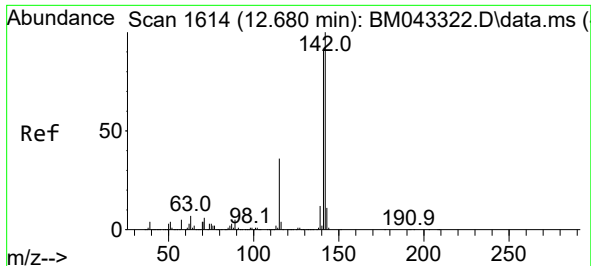
Tgt Ion:107 Resp: 1152826
Ion Ratio Lower Upper
107 100
144 26.7 22.0 33.0
142 81.0 67.3 100.9



#36
2-Methylnaphthalene
Concen: 18.504 ng/ul
RT: 12.457 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:142 Resp: 2463227
Ion Ratio Lower Upper
142 100
141 87.8 70.0 105.0

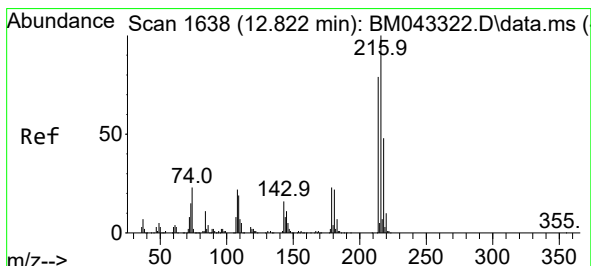
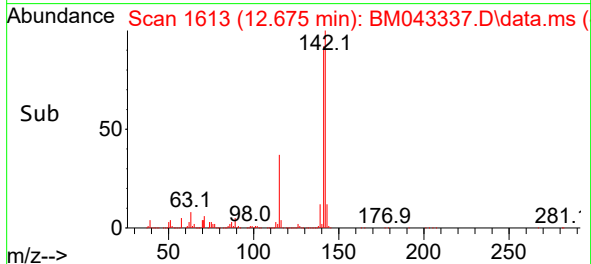
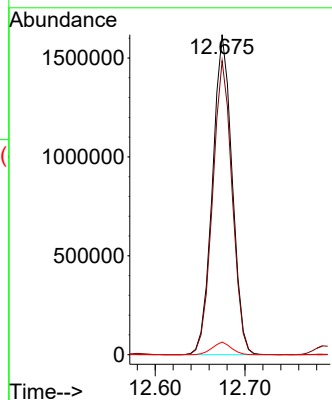
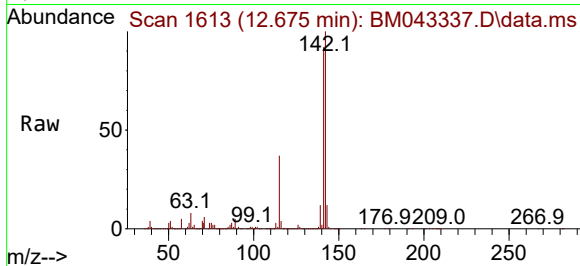




#37
1-Methylnaphthalene
Concen: 18.197 ng/ul
RT: 12.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

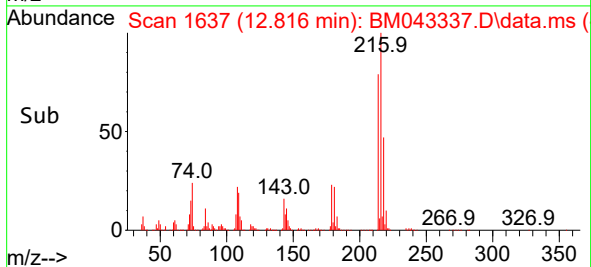
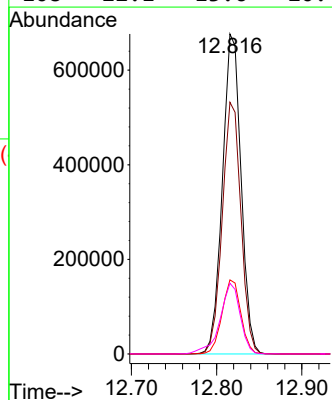
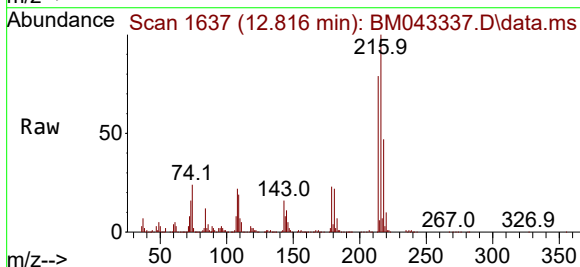
Instrument :
BNA_P
ClientSampleId :
SSTD020162

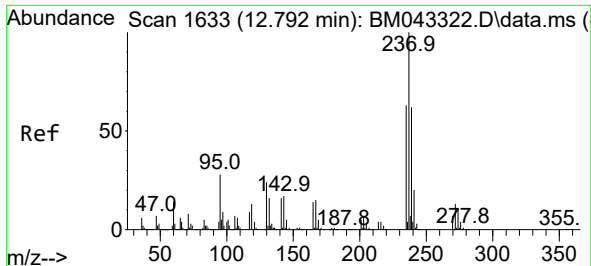
Tgt Ion:142 Resp: 2458764
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
116 4.0 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.110 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:216 Resp: 1028056
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 23.1 16.4 24.6
108 22.1 13.6 20.4#

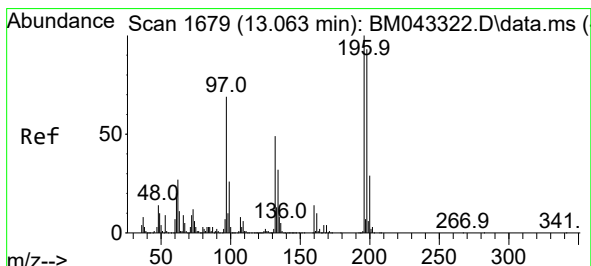
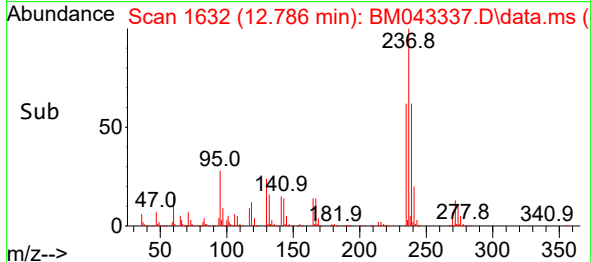
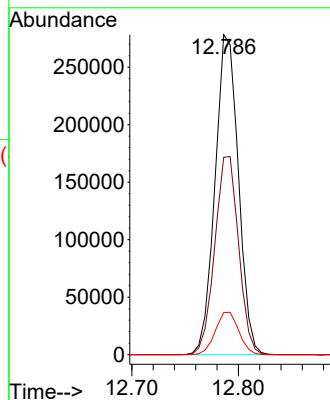
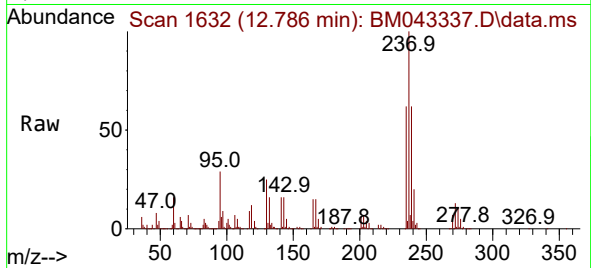




#40
Hexachlorocyclopentadiene
Concen: 12.425 ng/ul
RT: 12.786 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

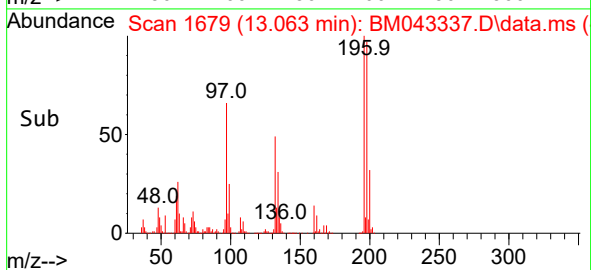
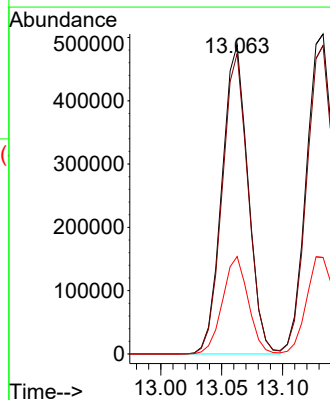
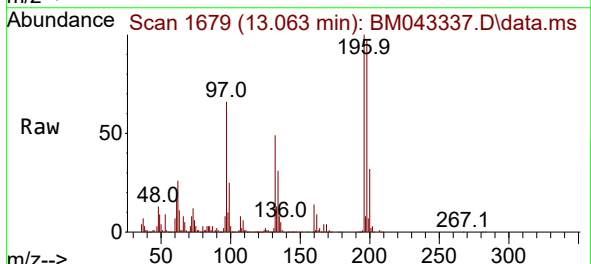
Instrument :
BNA_P
ClientSampleId :
SSTD020162

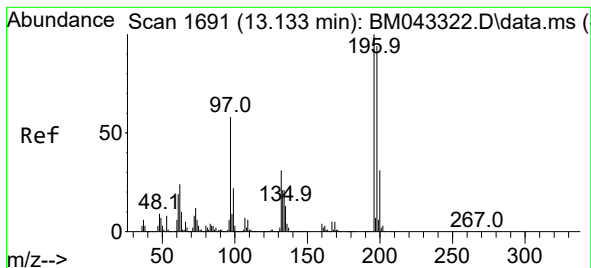
Tgt Ion:237 Resp: 423621
Ion Ratio Lower Upper
237 100
235 61.7 50.5 75.7
272 13.1 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 19.523 ng/ul
RT: 13.063 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:196 Resp: 729932
Ion Ratio Lower Upper
196 100
198 97.2 77.0 115.4
200 31.5 25.0 37.4

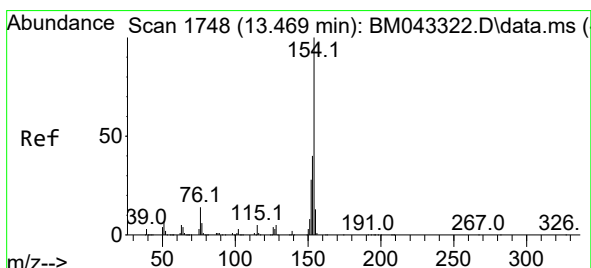
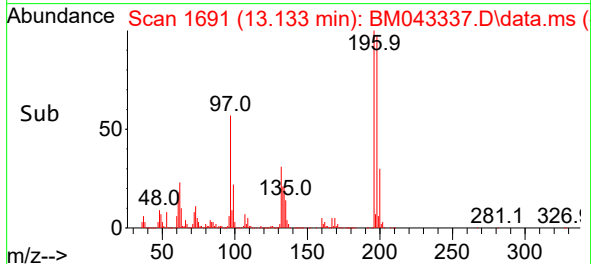
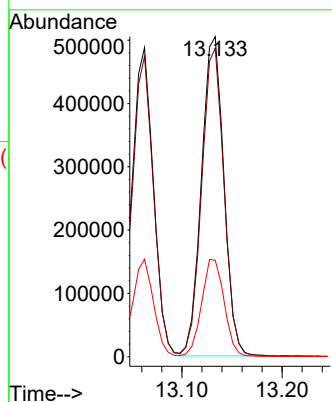
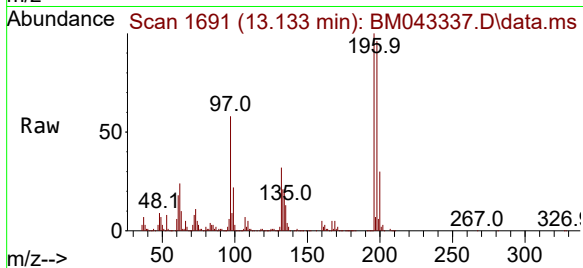




#42
 2,4,5-Trichlorophenol
 Concen: 19.303 ng/ul
 RT: 13.133 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BM043337.D
 Acq: 14 Dec 2023 13:50

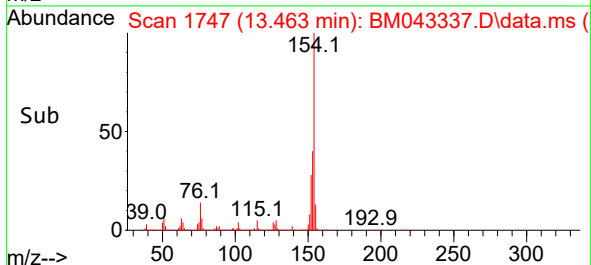
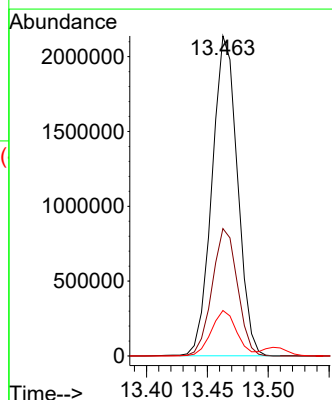
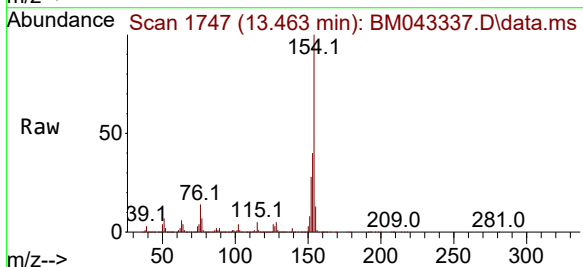
Instrument :
 BNA_P
 ClientSampleId :
 SST020162

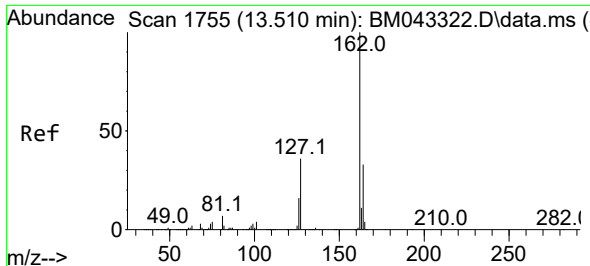
Tgt Ion:196 Resp: 785477
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.1 114.1
 200 30.2 24.6 36.8



#43
 1,1'-Biphenyl
 Concen: 19.768 ng/ul
 RT: 13.463 min Scan# 1747
 Delta R.T. -0.006 min
 Lab File: BM043337.D
 Acq: 14 Dec 2023 13:50

Tgt Ion:154 Resp: 3105621
 Ion Ratio Lower Upper
 154 100
 153 39.8 31.8 47.6
 76 14.2 9.3 13.9#

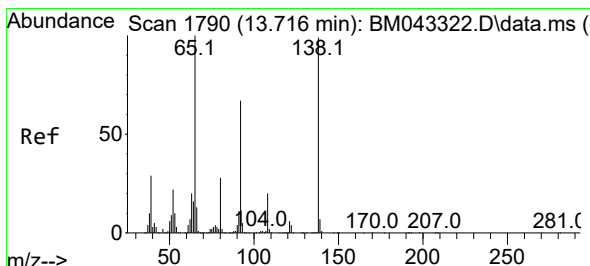
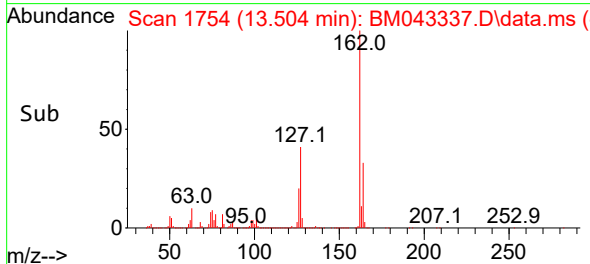
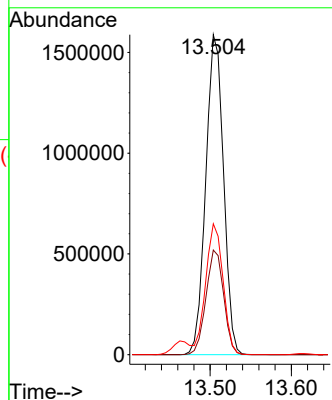
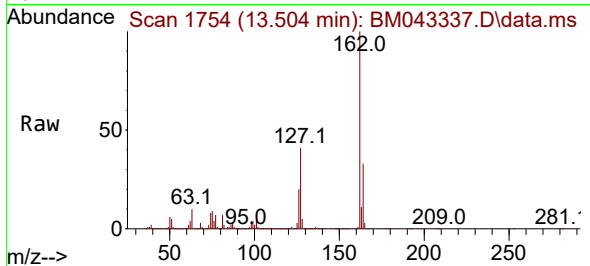




#44
2-Chloronaphthalene
Concen: 19.759 ng/ul
RT: 13.504 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

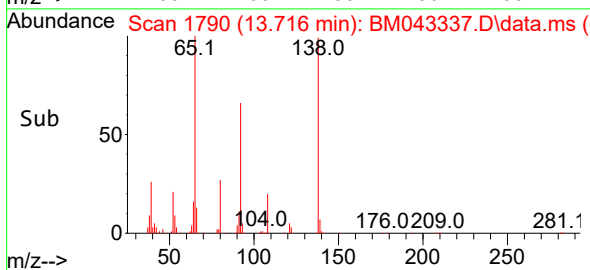
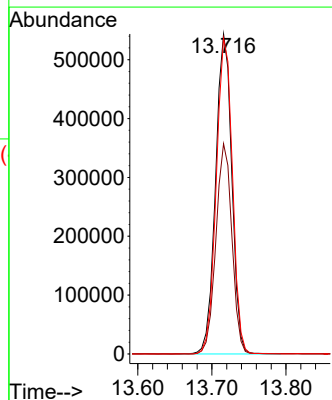
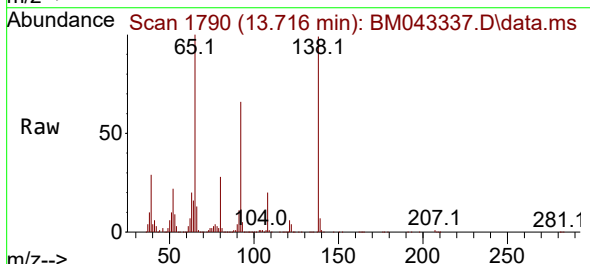
Instrument :
BNA_P
ClientSampleId :
SSTD020162

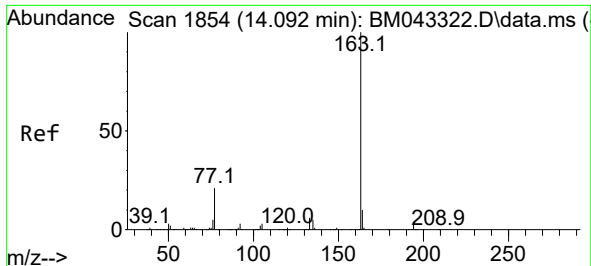
Tgt Ion:162 Resp: 2406294
Ion Ratio Lower Upper
162 100
164 32.7 26.4 39.6
127 40.9 30.0 45.0



#45
2-Nitroaniline
Concen: 25.637 ng/ul
RT: 13.716 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion: 65 Resp: 825013
Ion Ratio Lower Upper
65 100
92 65.7 53.4 80.0
138 98.7 86.2 129.2

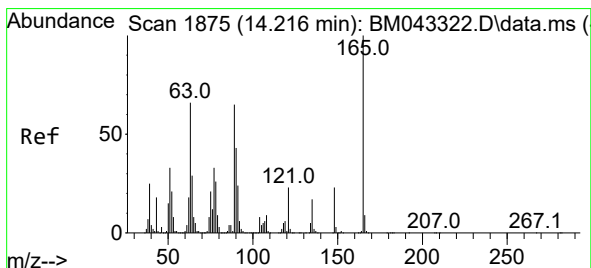
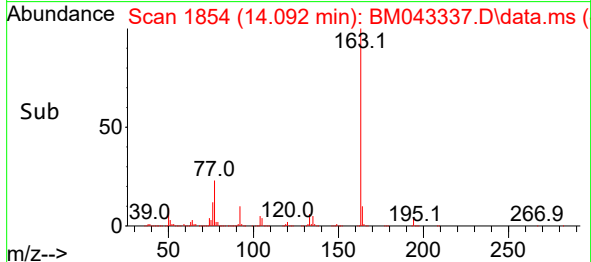
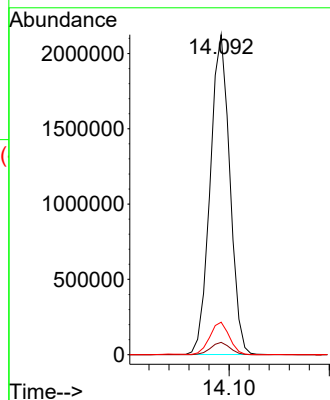
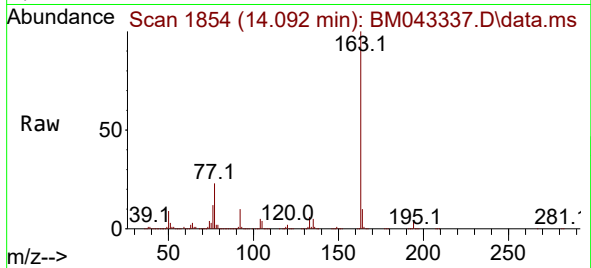




#47
Dimethylphthalate
Concen: 18.955 ng/ul
RT: 14.092 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

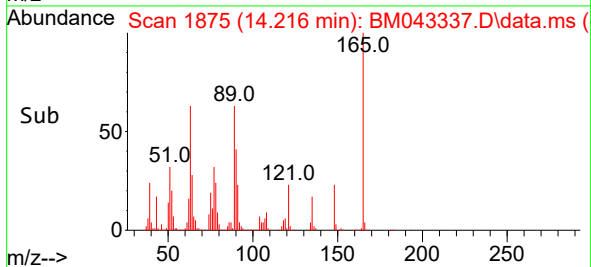
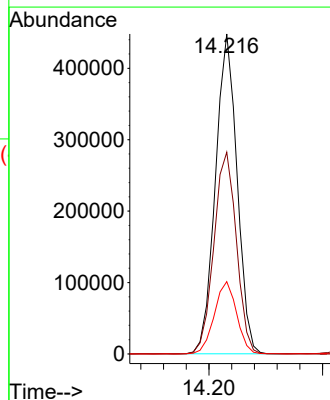
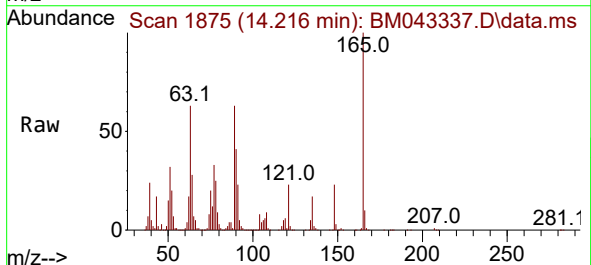
Instrument :
BNA_P
ClientSampleId :
SSTD020162

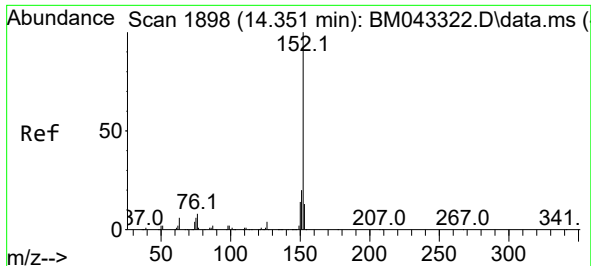
Tgt Ion:163 Resp: 2894255
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 21.067 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:165 Resp: 592643
Ion Ratio Lower Upper
165 100
89 63.1 47.5 71.3
121 22.6 17.1 25.7

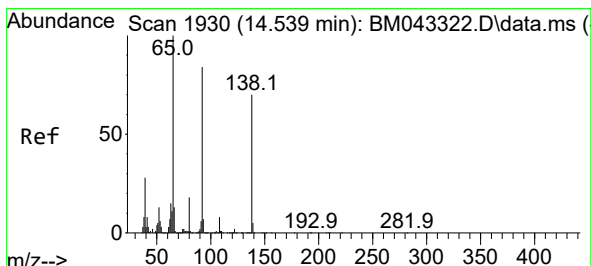
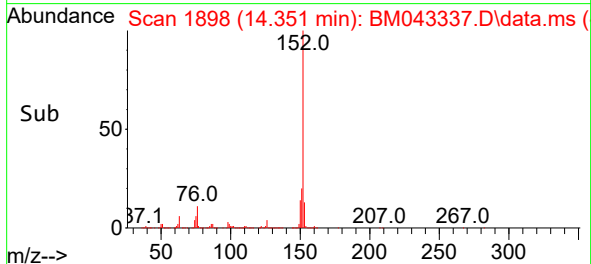
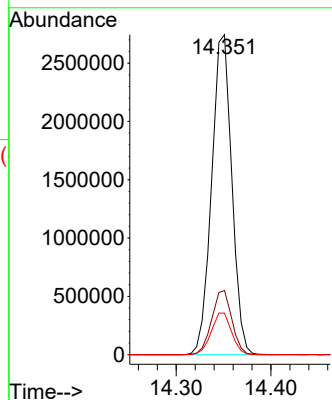
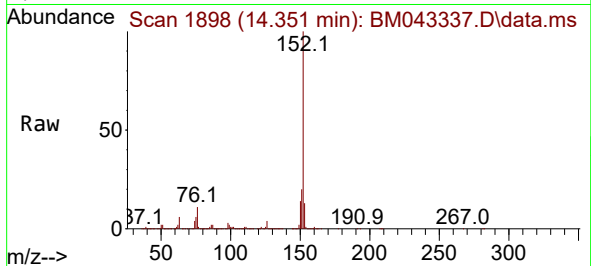




#50
Acenaphthylene
Concen: 19.883 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

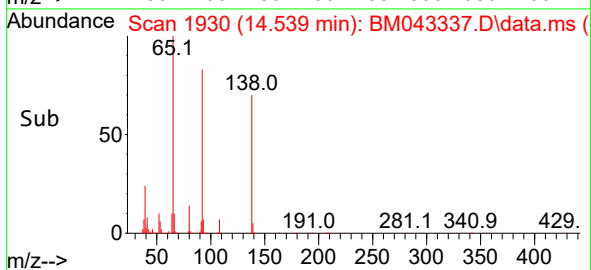
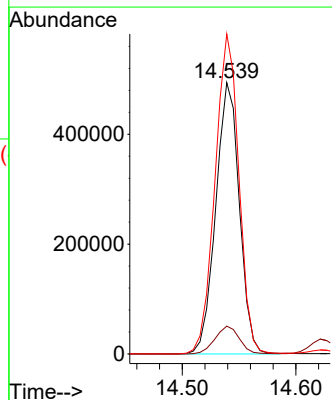
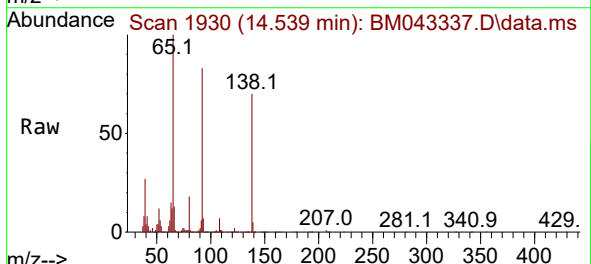
Instrument :
BNA_P
ClientSampleId :
SSTD020162

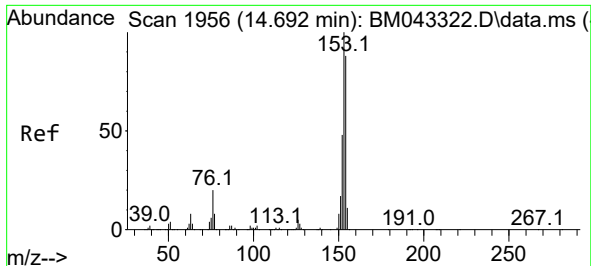
Tgt Ion:152 Resp: 4047320
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 22.890 ng/ul
RT: 14.539 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:138 Resp: 714367
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 118.0 87.9 131.9

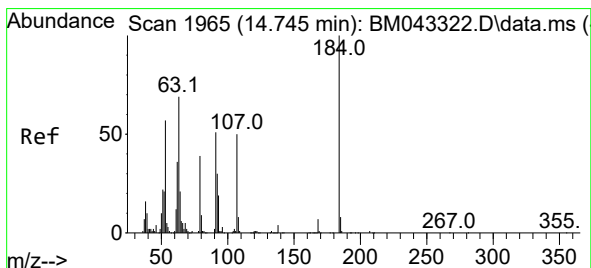
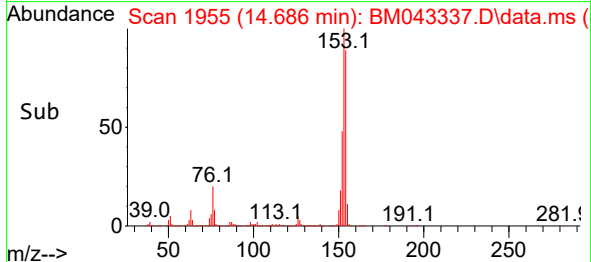
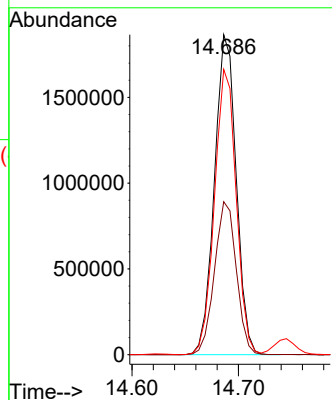
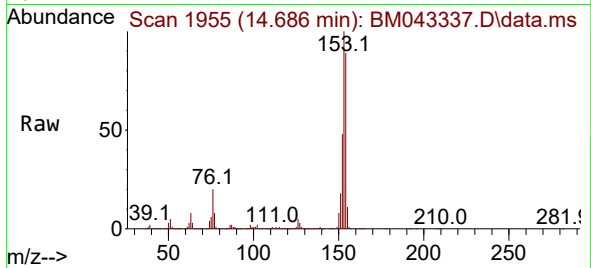




#52
Acenaphthene
Concen: 19.712 ng/ul
RT: 14.686 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

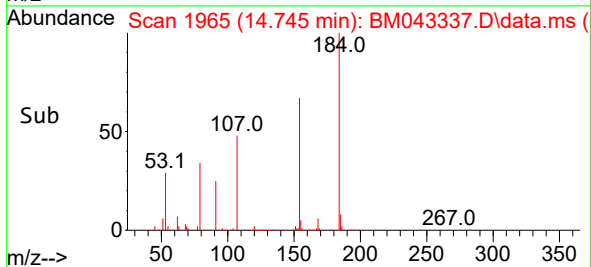
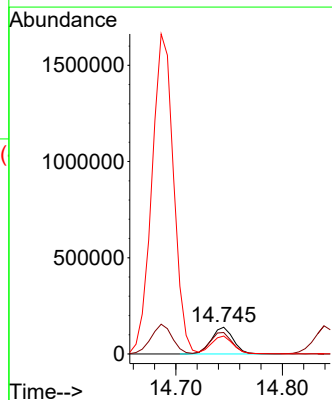
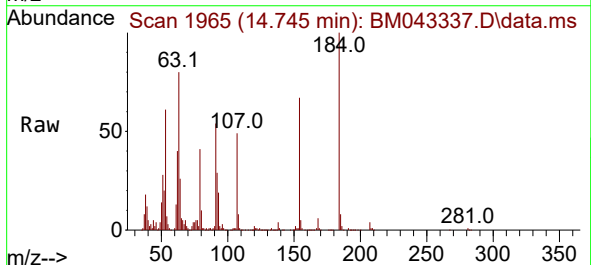
Instrument :
BNA_P
ClientSampleId :
SSTD020162

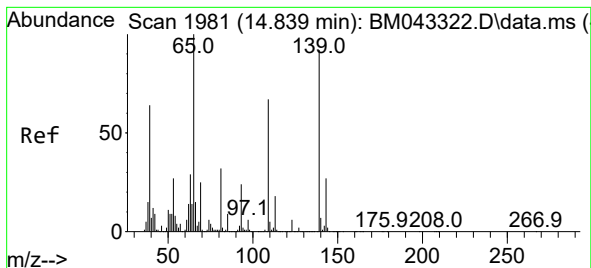
Tgt Ion:153 Resp: 2646770
Ion Ratio Lower Upper
153 100
152 47.8 38.6 58.0
154 89.1 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 15.241 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:184 Resp: 196833
Ion Ratio Lower Upper
184 100
63 80.0 52.2 78.4#
154 67.2 47.8 71.8

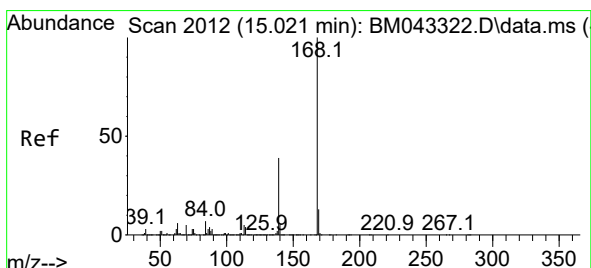
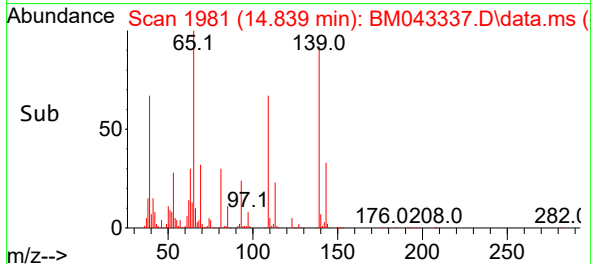
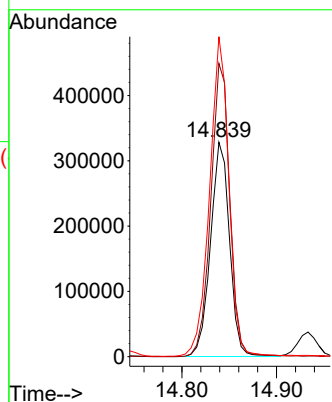
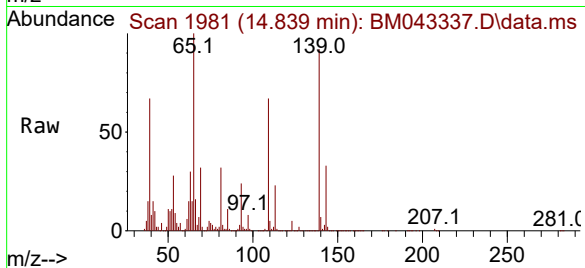




#55
4-Nitrophenol
Concen: 22.720 ng/ul
RT: 14.839 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

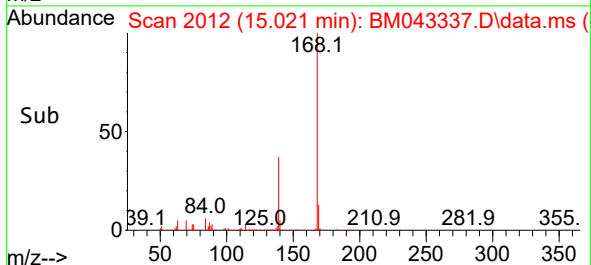
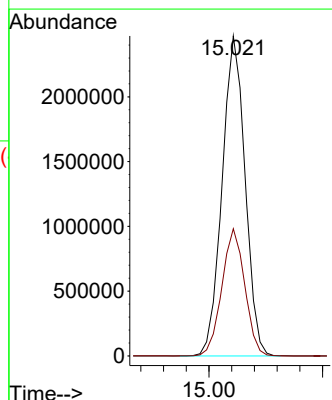
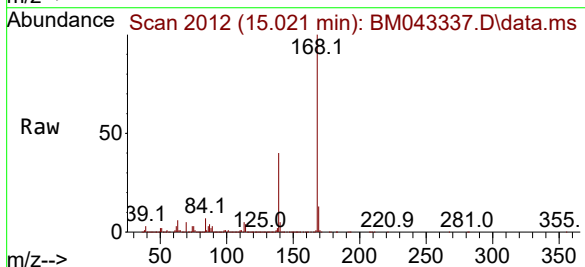
Instrument :
BNA_P
ClientSampleId :
SSTD020162

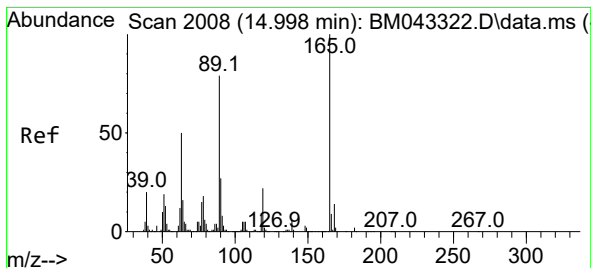
Tgt Ion:109 Resp: 458287
Ion Ratio Lower Upper
109 100
139 136.8 114.7 172.1
65 149.2 109.5 164.3



#56
Dibenzofuran
Concen: 18.905 ng/ul
RT: 15.021 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:168 Resp: 3467376
Ion Ratio Lower Upper
168 100
139 39.7 28.6 43.0





#57

2,4-Dinitrotoluene

Concen: 21.266 ng/ul

RT: 14.998 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

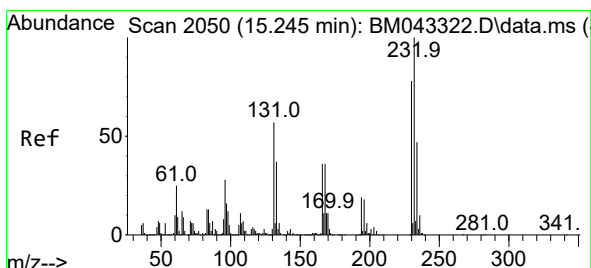
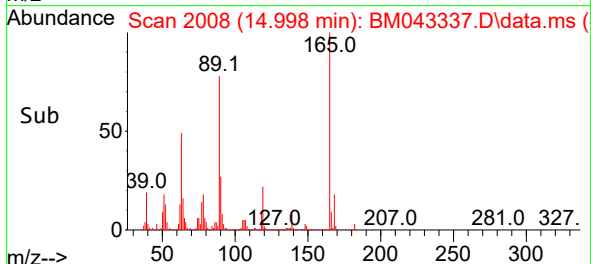
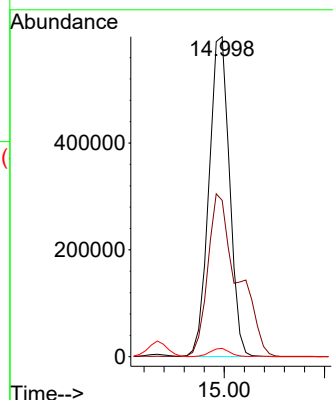
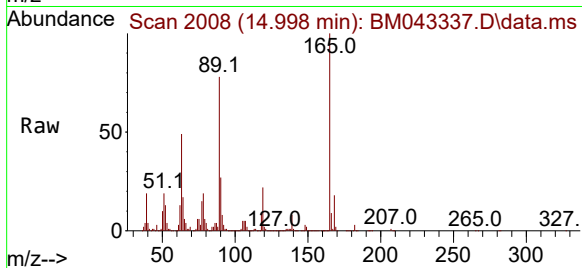
Tgt Ion:165 Resp: 854186

Ion Ratio Lower Upper

165 100

63 48.8 34.6 52.0

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.787 ng/ul

RT: 15.245 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Tgt Ion:232 Resp: 601633

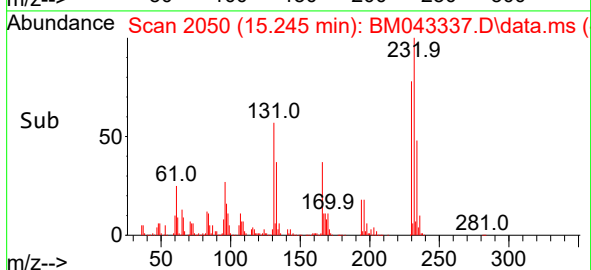
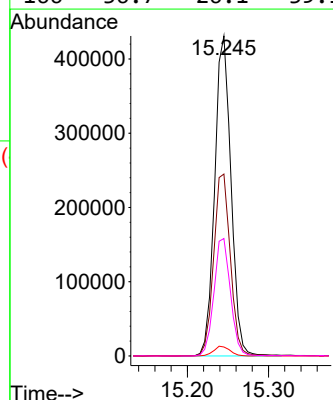
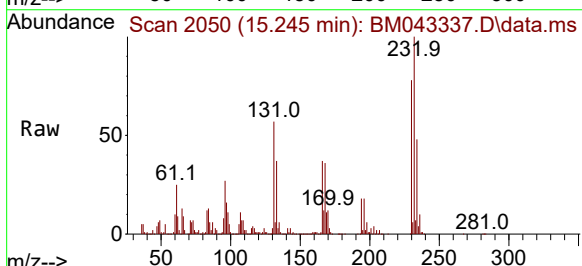
Ion Ratio Lower Upper

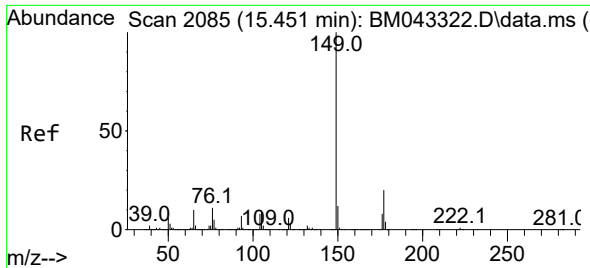
232 100

131 56.9 37.0 55.4#

130 2.8 1.9 2.9

166 36.7 26.1 39.1

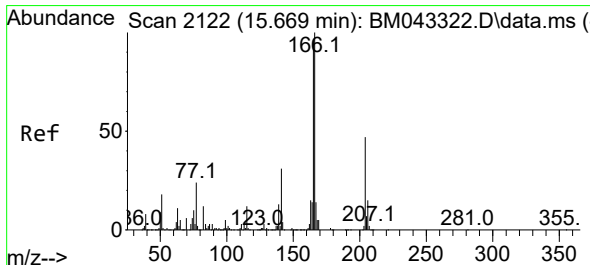
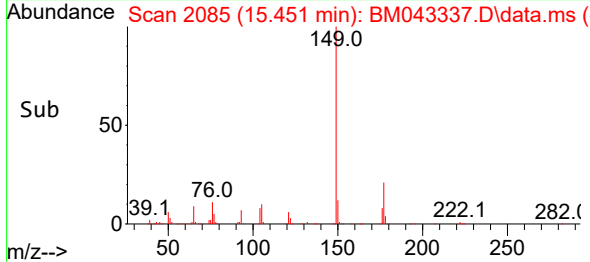
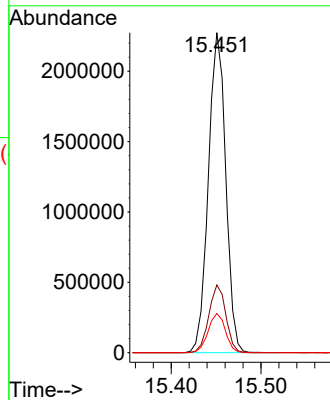
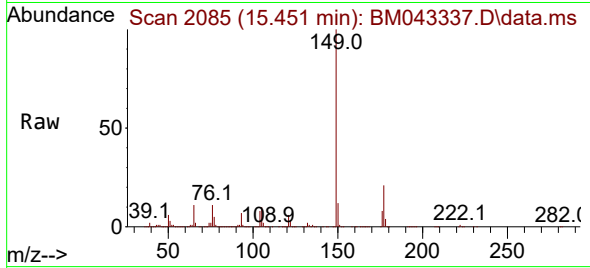




#59
Diethylphthalate
Concen: 19.883 ng/ul
RT: 15.451 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

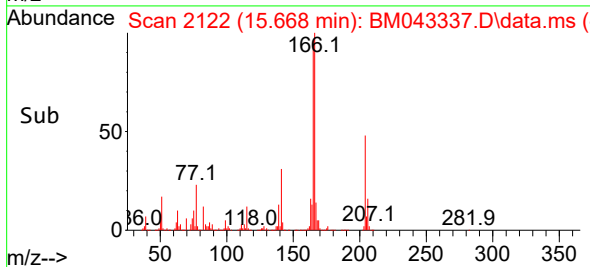
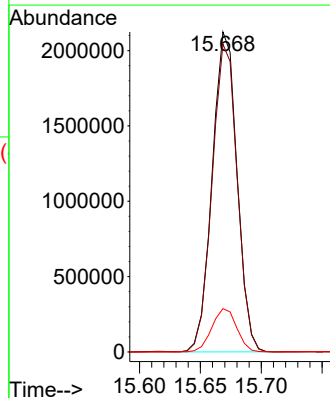
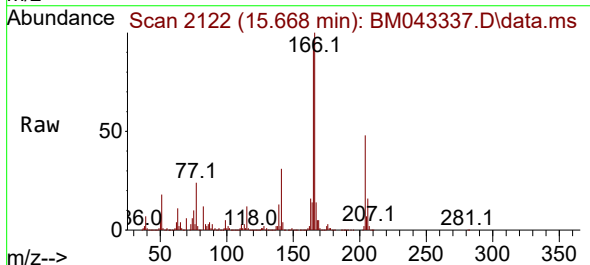
Instrument :
BNA_P
ClientSampleId :
SSTD020162

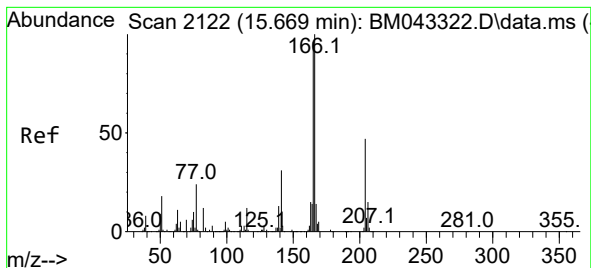
Tgt Ion:149 Resp: 3053713
Ion Ratio Lower Upper
149 100
177 21.2 18.2 27.2
150 12.3 10.0 15.0



#61
Fluorene
Concen: 18.981 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:166 Resp: 3013599
Ion Ratio Lower Upper
166 100
165 96.2 77.5 116.3
167 13.5 10.7 16.1

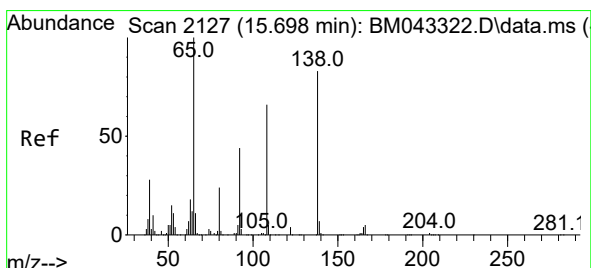
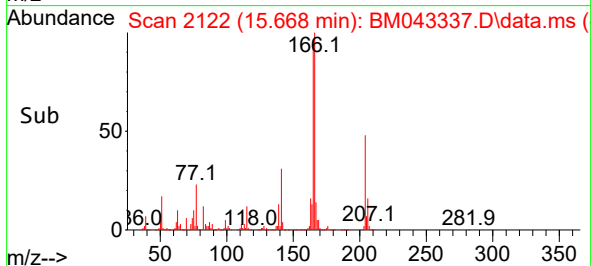
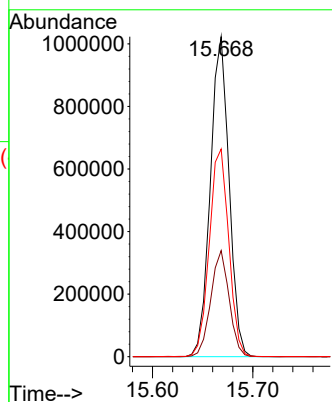
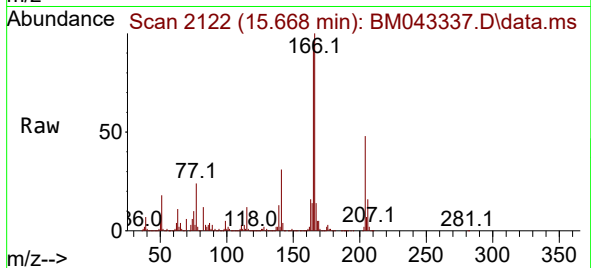




#62
4-Chlorophenyl-phenylether
Concen: 16.950 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

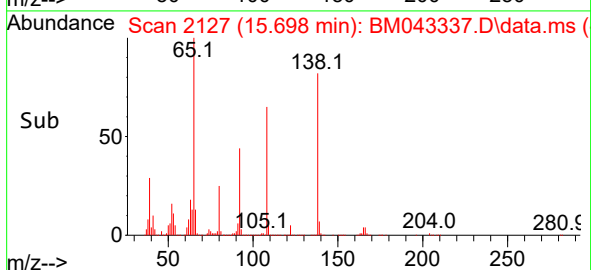
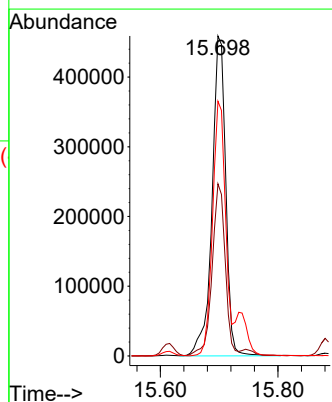
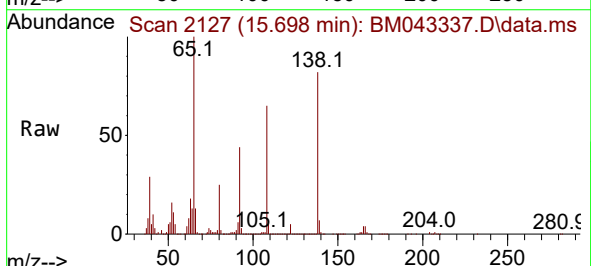
Instrument :
BNA_P
ClientSampleId :
SSTD020162

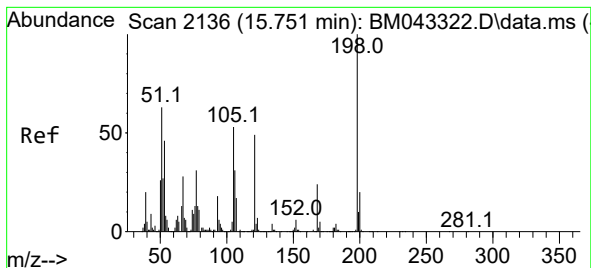
Tgt Ion:204 Resp: 1329560
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 64.9 44.2 66.4



#63
4-Nitroaniline
Concen: 23.637 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:138 Resp: 741212
Ion Ratio Lower Upper
138 100
92 53.8 40.1 60.1
108 79.6 63.0 94.6

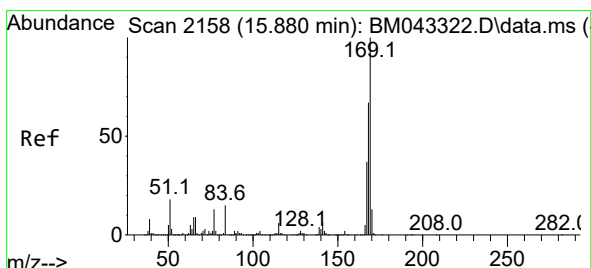
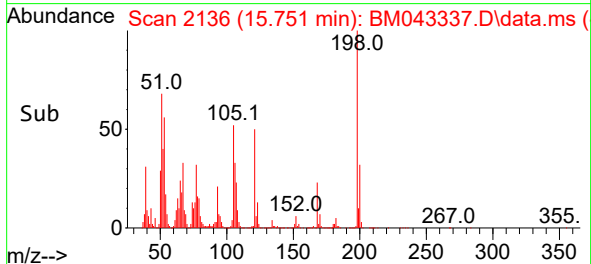
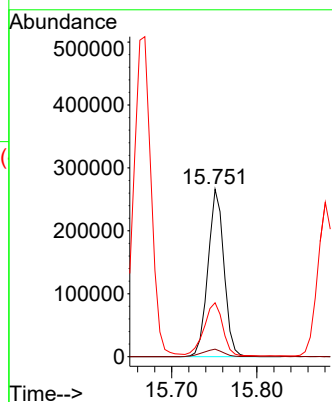
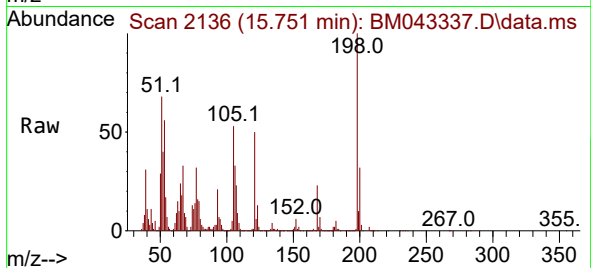




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.268 ng/ul
 RT: 15.751 min Scan# 2136
 Delta R.T. 0.006 min
 Lab File: BM043337.D
 Acq: 14 Dec 2023 13:50

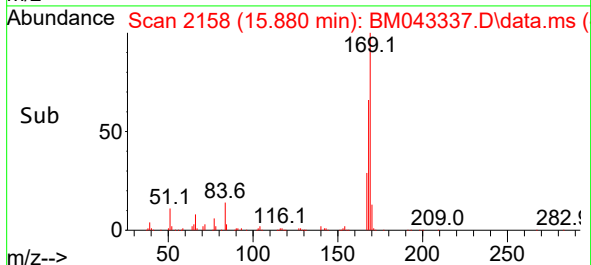
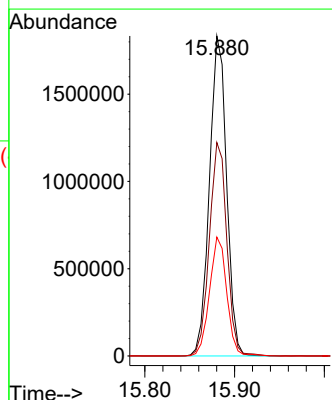
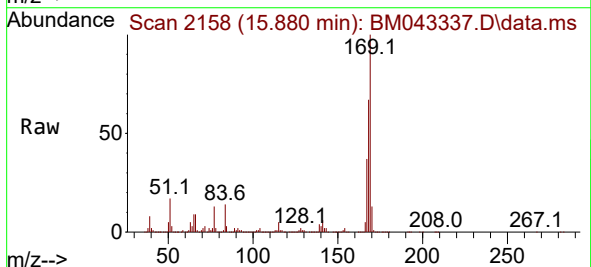
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020162

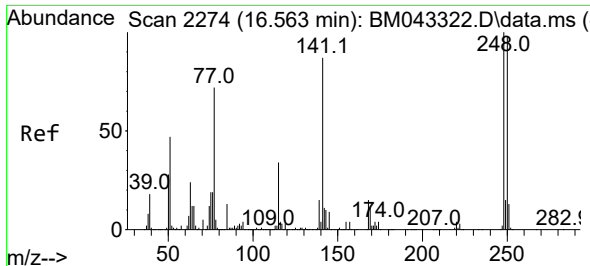
Tgt Ion:198 Resp: 347661
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.2 4.8
 77 32.2 20.1 30.1#



#67
 N-Nitrosodiphenylamine
 Concen: 20.422 ng/ul
 RT: 15.880 min Scan# 2158
 Delta R.T. -0.000 min
 Lab File: BM043337.D
 Acq: 14 Dec 2023 13:50

Tgt Ion:169 Resp: 2431964
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.2
 167 37.2 29.4 44.0

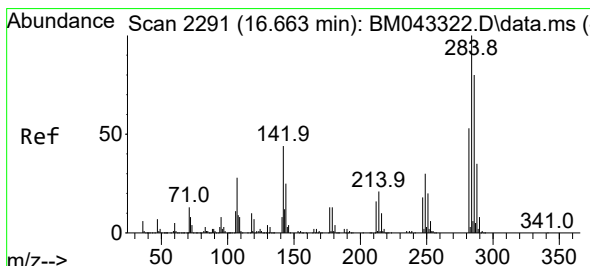
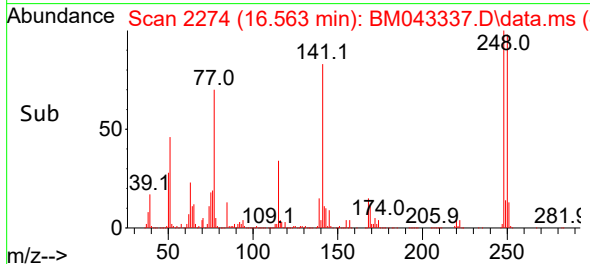
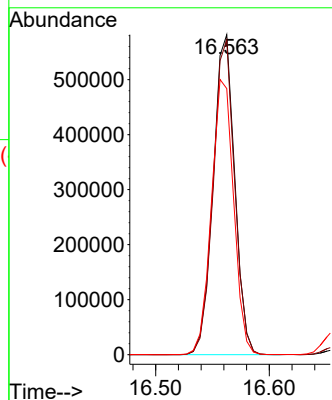
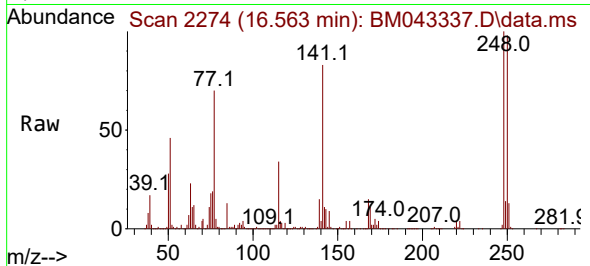




#68
4-Bromophenyl-phenylether
Concen: 17.880 ng/ul
RT: 16.563 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

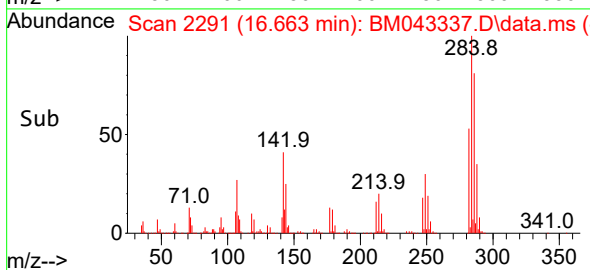
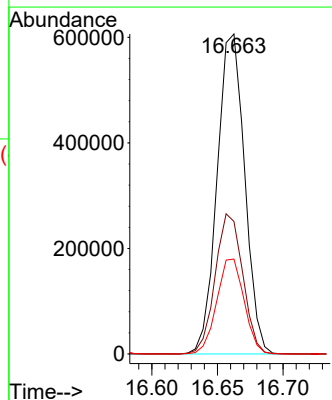
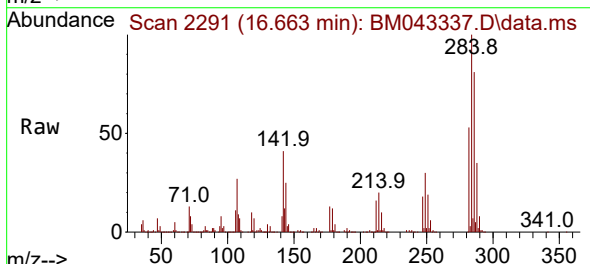
Instrument :
BNA_P
ClientSampleId :
SSTD020162

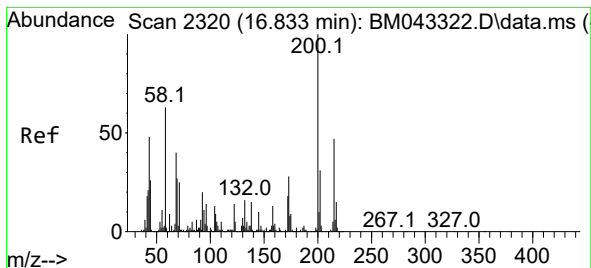
Tgt Ion:248 Resp: 767803
Ion Ratio Lower Upper
248 100
250 98.4 78.9 118.3
141 83.1 60.2 90.2



#69
Hexachlorobenzene
Concen: 17.408 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:284 Resp: 886985
Ion Ratio Lower Upper
284 100
142 41.4 26.7 40.1#
249 29.7 24.0 36.0





#70

Atrazine

Concen: 18.023 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

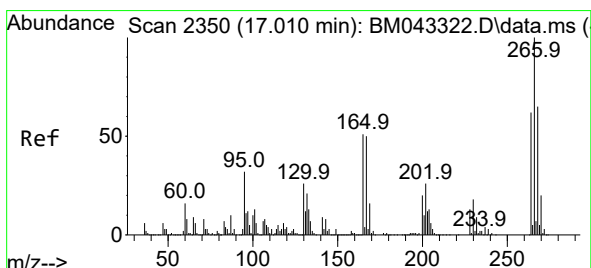
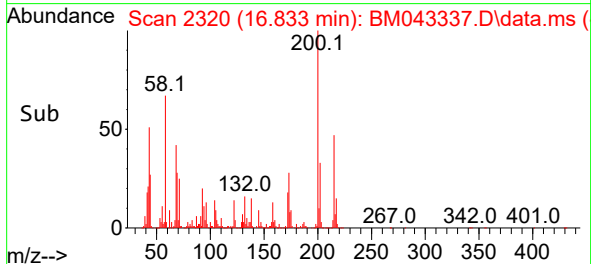
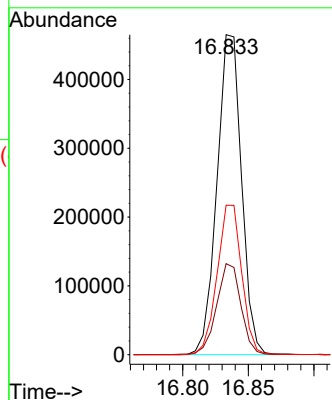
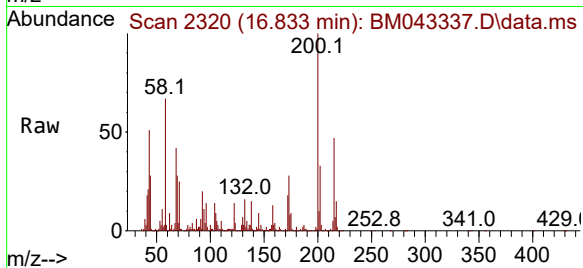
Tgt Ion:200 Resp: 605251

Ion Ratio Lower Upper

200 100

173 28.4 20.6 30.8

215 46.7 39.4 59.2



#71

Pentachlorophenol

Concen: 17.510 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

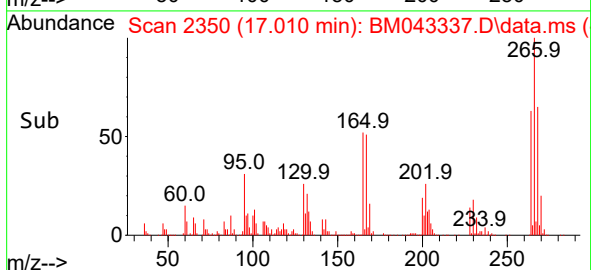
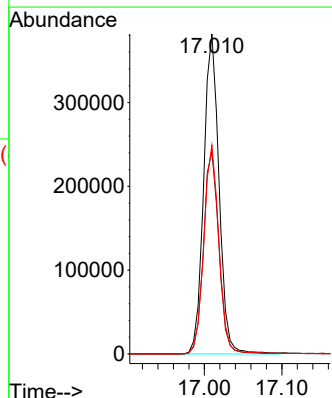
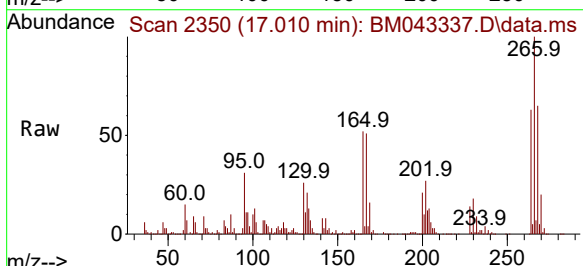
Tgt Ion:266 Resp: 525340

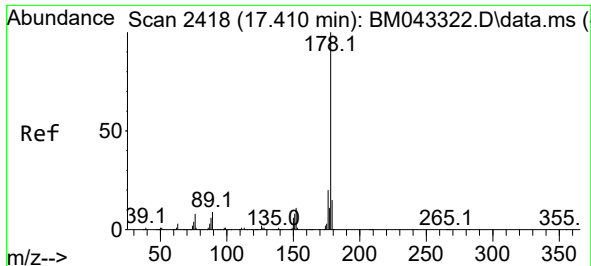
Ion Ratio Lower Upper

266 100

264 63.2 50.5 75.7

268 65.4 50.4 75.6

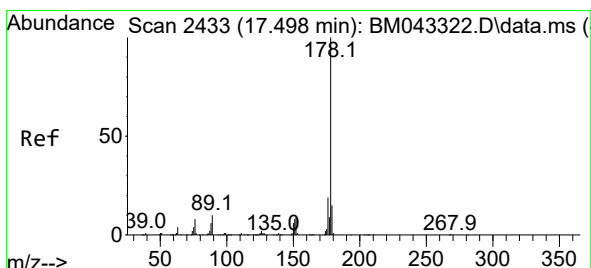
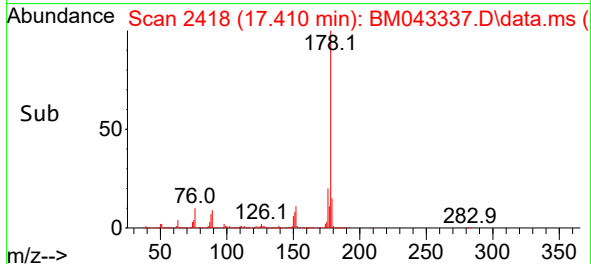
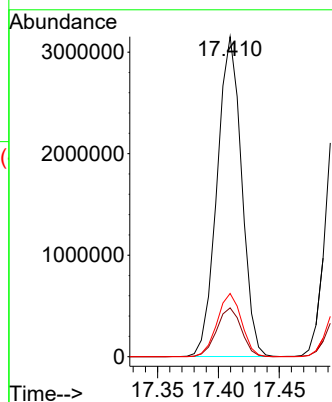
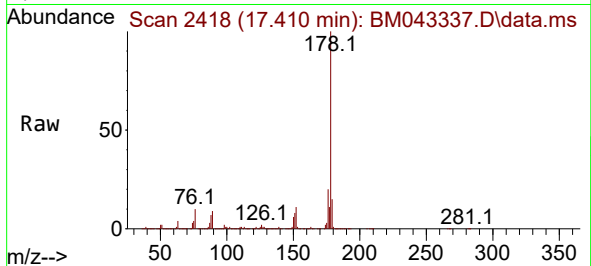




#72
Phenanthrene
Concen: 19.955 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

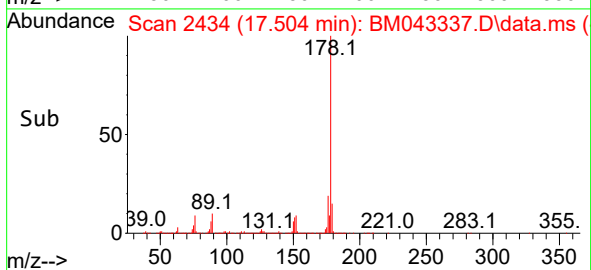
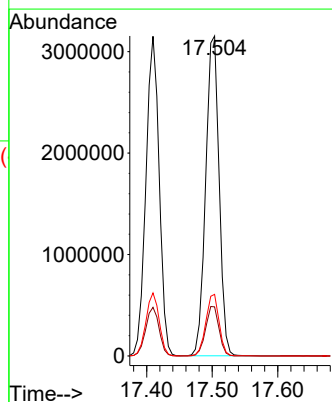
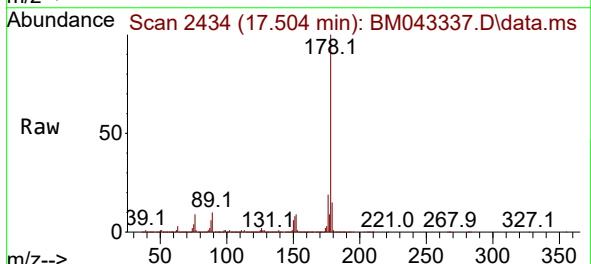
Instrument :
BNA_P
ClientSampleId :
SSTD020162

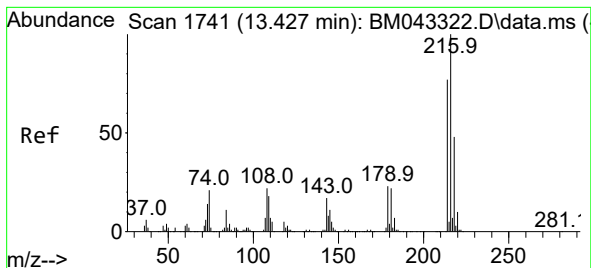
Tgt Ion:178 Resp: 4418939
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.7 15.7 23.5



#74
Anthracene
Concen: 20.160 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:178 Resp: 4496995
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.3 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.436 ng/uL

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

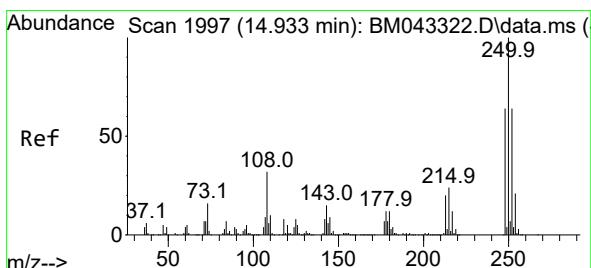
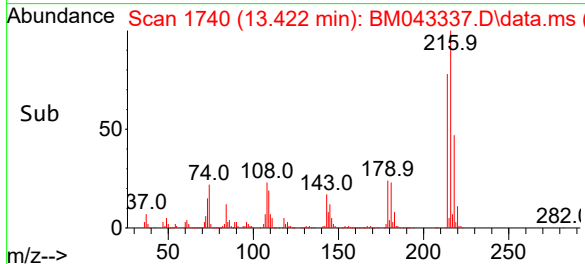
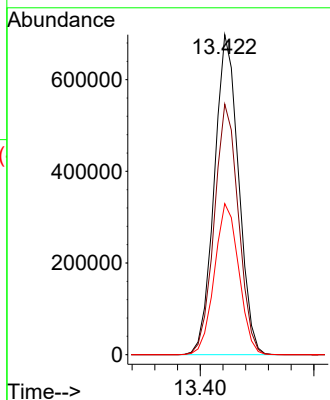
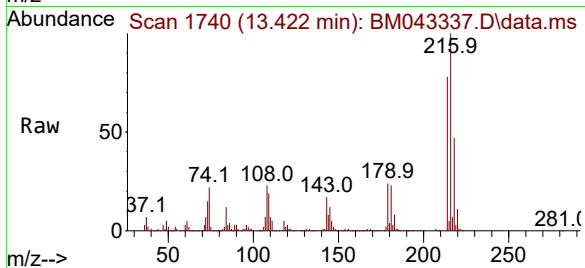
Tgt Ion:216 Resp: 1035759

Ion Ratio Lower Upper

216 100

214 78.3 62.2 93.2

218 47.2 37.6 56.4



#76

Pentachlorobenzene

Concen: 17.638 ng/uL

RT: 14.933 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

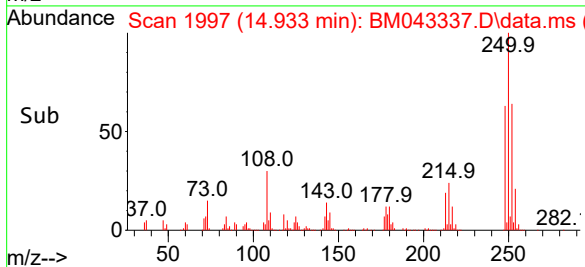
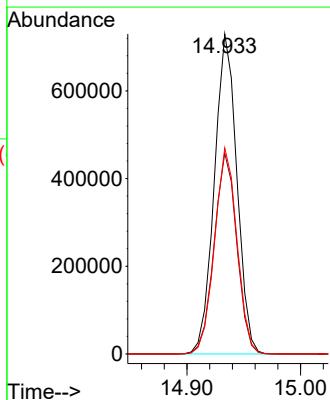
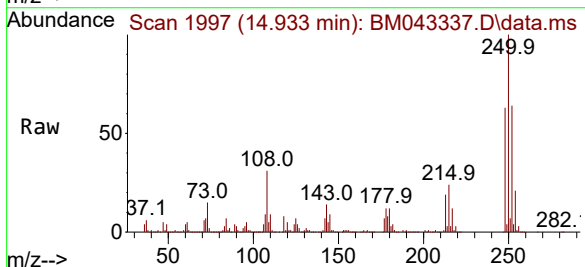
Tgt Ion:250 Resp: 1007027

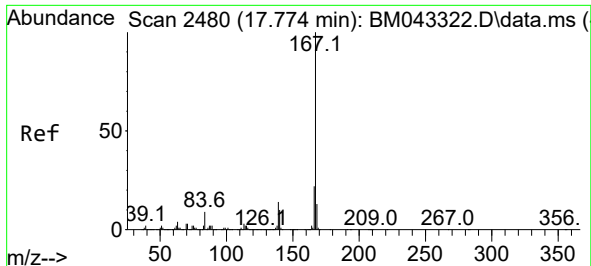
Ion Ratio Lower Upper

250 100

248 62.8 51.8 77.8

252 64.4 51.9 77.9



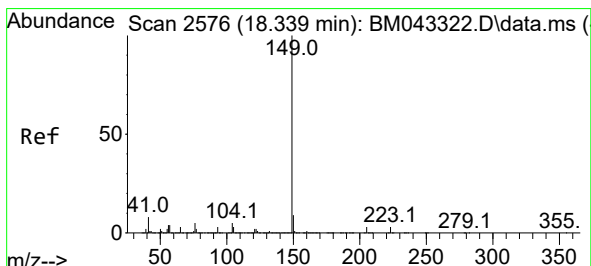
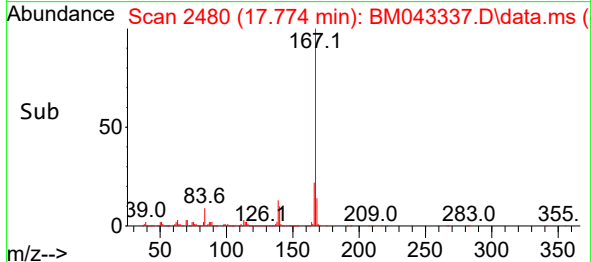
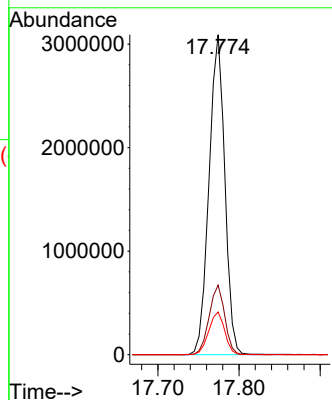
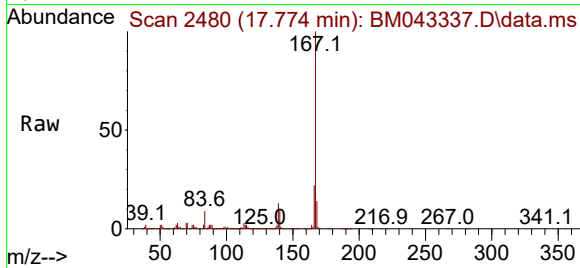


#77
 Carbazole
 Concen: 22.721 ng/ul
 RT: 17.774 min Scan# 2480
 Delta R.T. -0.000 min
 Lab File: BM043337.D
 Acq: 14 Dec 2023 13:50

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020162

Tgt Ion:167 Resp: 4163283

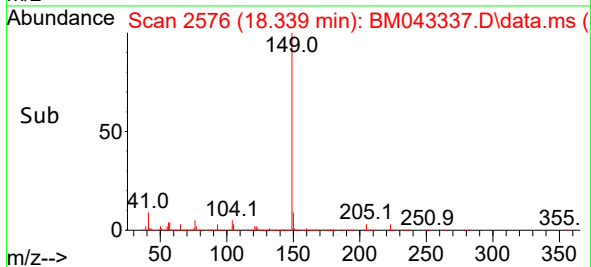
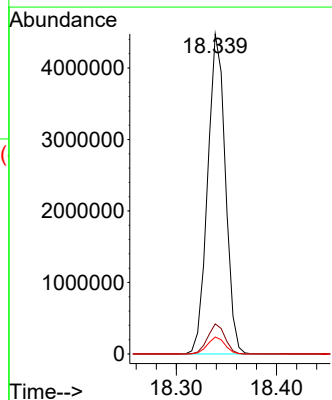
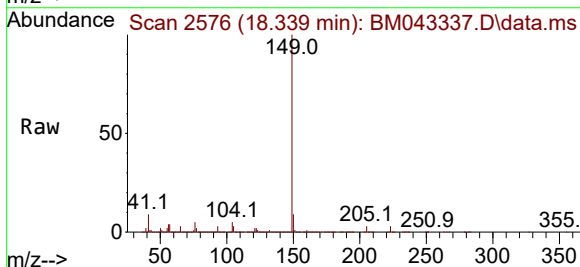
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.4	9.9	14.9

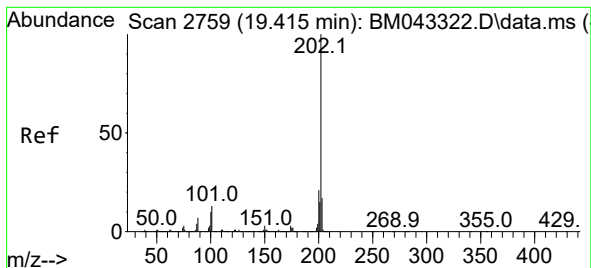


#78
 Di-n-butylphthalate
 Concen: 23.137 ng/ul
 RT: 18.339 min Scan# 2576
 Delta R.T. -0.000 min
 Lab File: BM043337.D
 Acq: 14 Dec 2023 13:50

Tgt Ion:149 Resp: 5514287

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.3	3.8	5.6





#80

Fluoranthene

Concen: 22.916 ng/ul

RT: 19.415 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

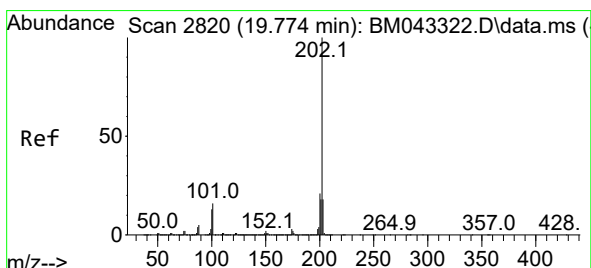
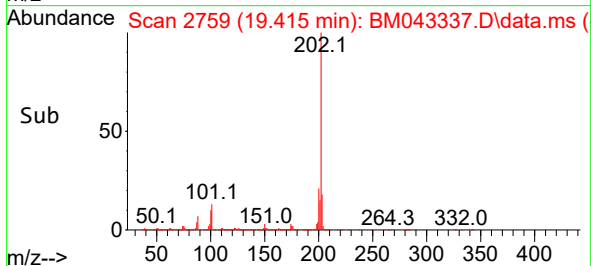
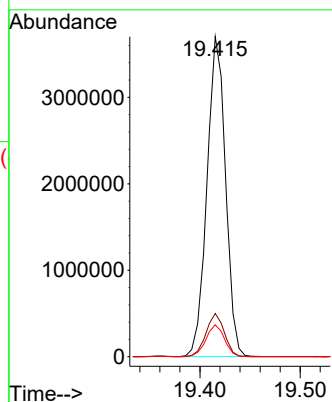
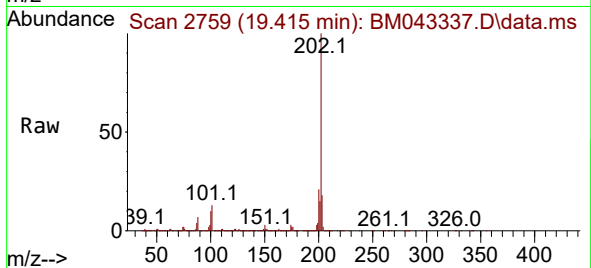
Tgt Ion:202 Resp: 4778397

Ion Ratio Lower Upper

202 100

101 13.5 8.2 12.2#

100 10.0 6.1 9.1#



#82

Pyrene

Concen: 22.640 ng/ul

RT: 19.780 min Scan# 2821

Delta R.T. 0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

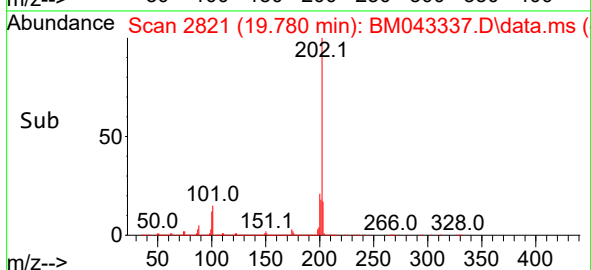
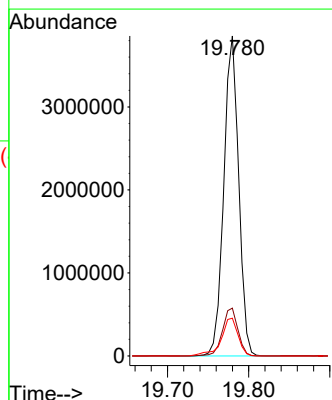
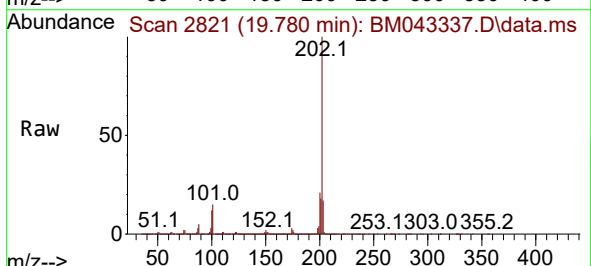
Tgt Ion:202 Resp: 4910787

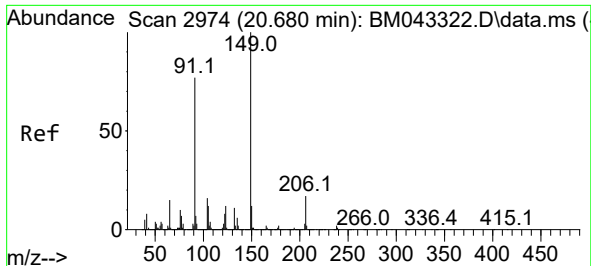
Ion Ratio Lower Upper

202 100

101 15.0 10.2 15.2

100 11.8 8.2 12.2

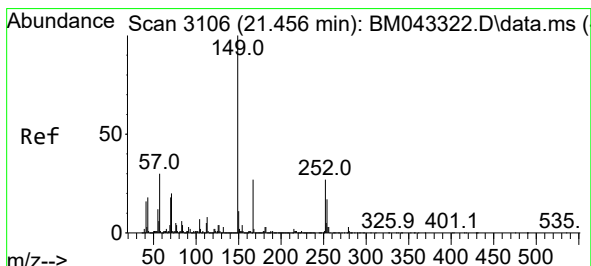
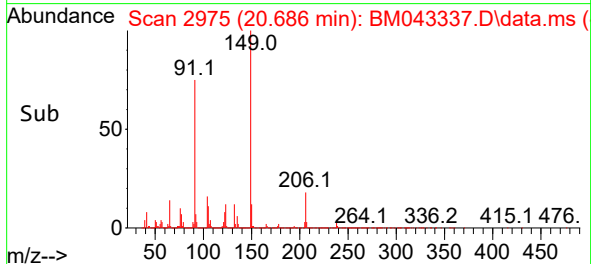
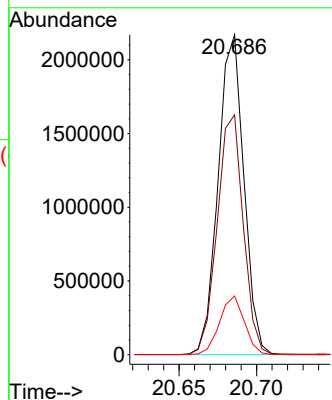
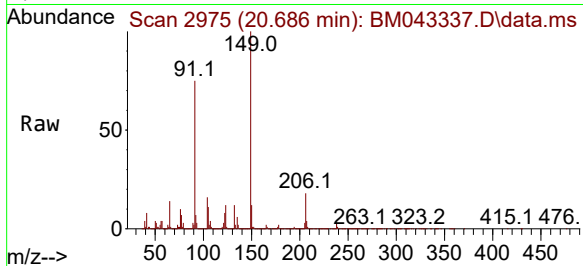




#83
Butylbenzylphthalate
Concen: 29.041 ng/ul
RT: 20.686 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

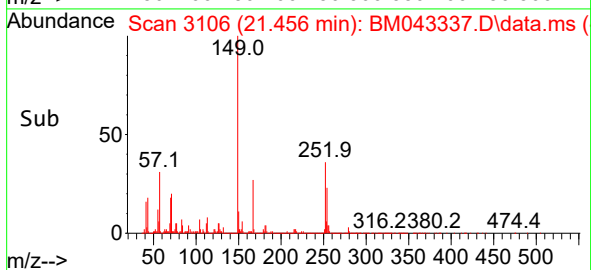
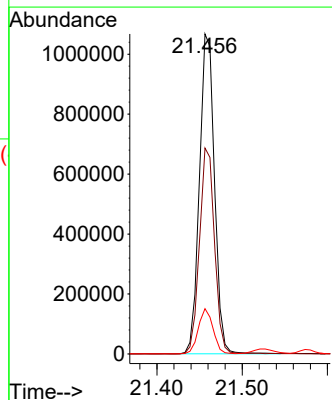
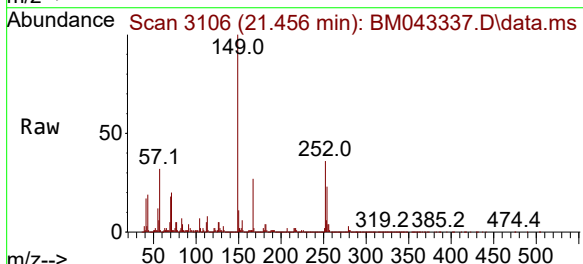
Instrument :
BNA_P
ClientSampleId :
SSTD020162

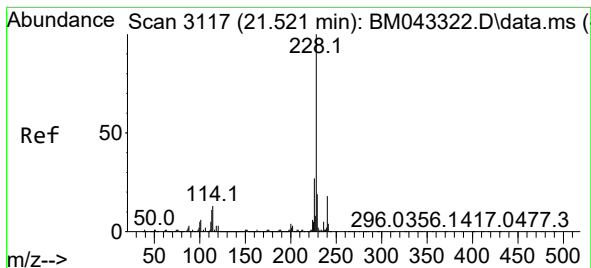
Tgt Ion:149 Resp: 2505669
Ion Ratio Lower Upper
149 100
91 74.9 56.9 85.3
206 18.3 16.1 24.1



#84
3,3'-Dichlorobenzidine
Concen: 19.371 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM043337.D
Acq: 14 Dec 2023 13:50

Tgt Ion:252 Resp: 1307853
Ion Ratio Lower Upper
252 100
254 64.3 51.3 76.9
126 14.1 8.8 13.2#





#85

Benzo(a)anthracene

Concen: 20.221 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

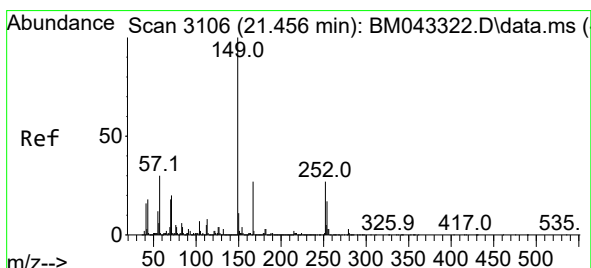
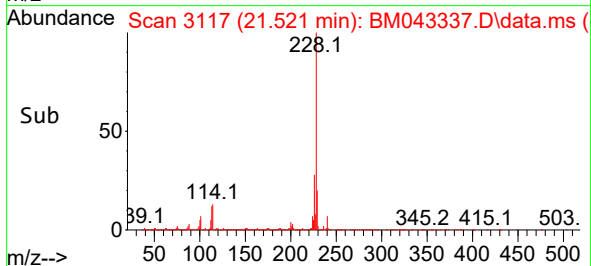
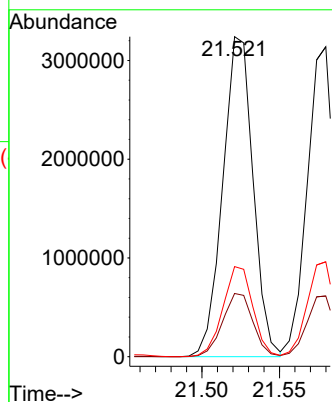
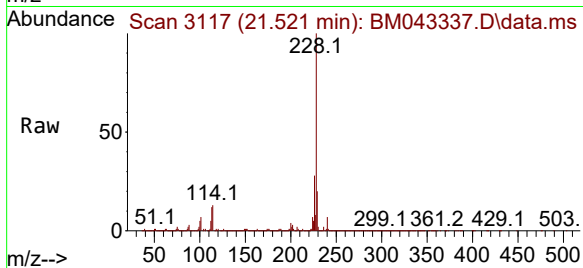
Tgt Ion:228 Resp: 4404445

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

226 28.2 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.919 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

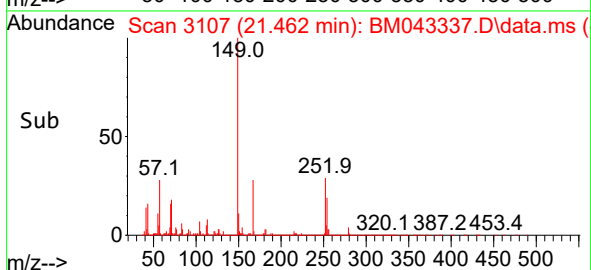
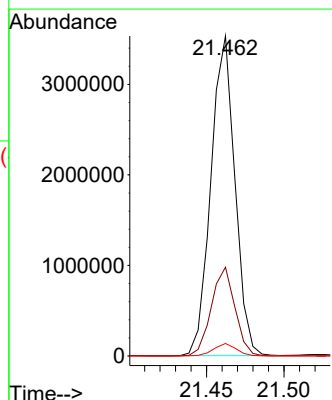
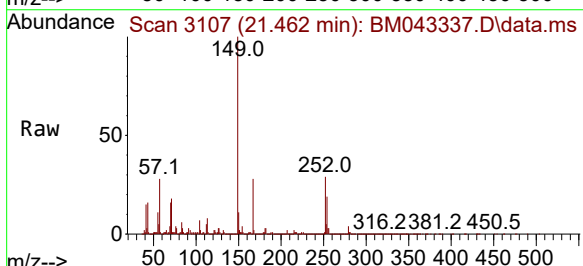
Tgt Ion:149 Resp: 3802585

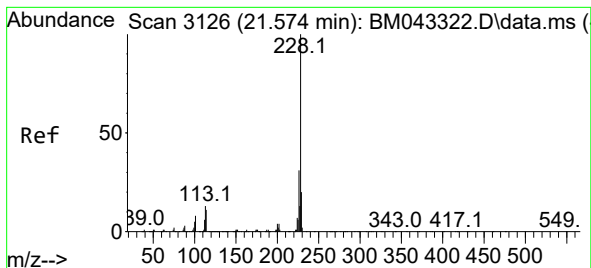
Ion Ratio Lower Upper

149 100

167 27.7 22.6 34.0

279 3.9 3.7 5.5





#87

Chrysene

Concen: 20.119 ng/ul

RT: 21.580 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

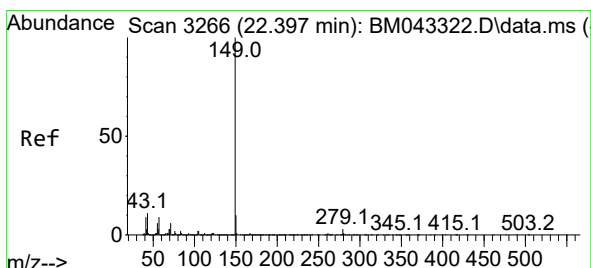
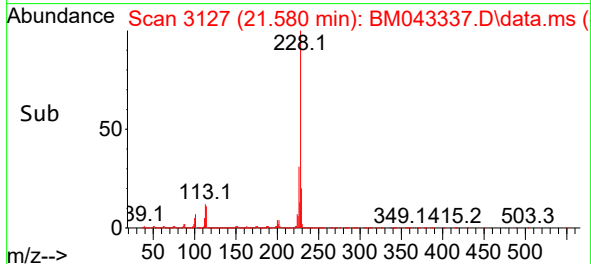
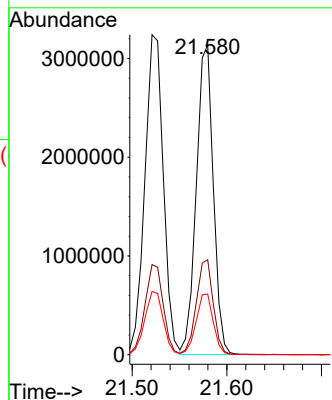
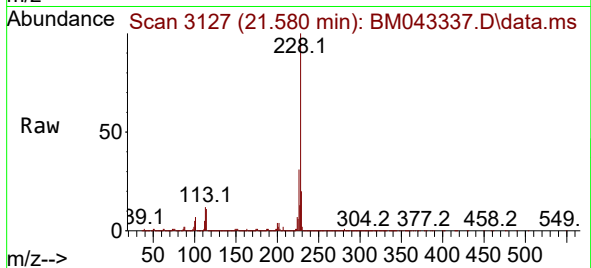
Tgt Ion:228 Resp: 3913972

Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 19.6 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 34.675 ng/ul

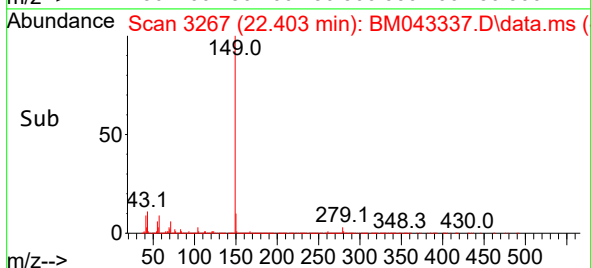
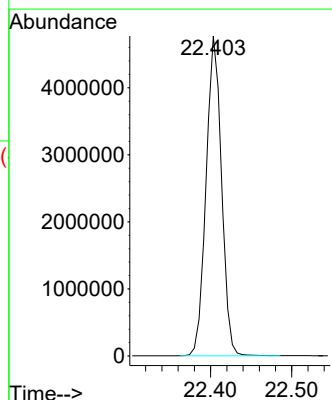
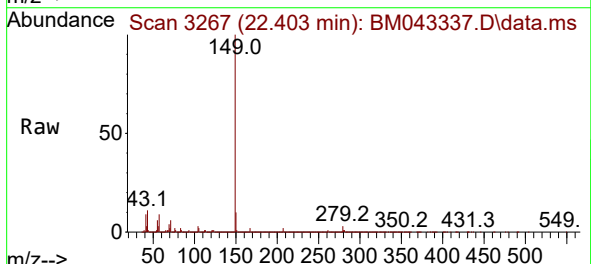
RT: 22.403 min Scan# 3267

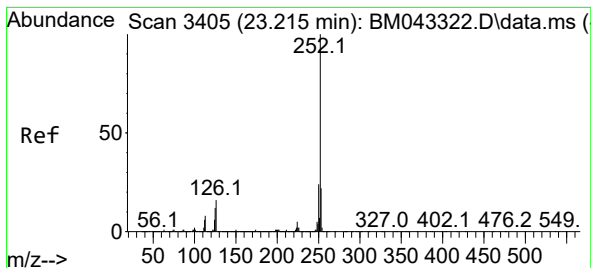
Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Tgt Ion:149 Resp: 6275216





#90

Benzo(b)fluoranthene

Concen: 19.688 ng/ul

RT: 23.221 min Scan# 3405

Delta R.T. 0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

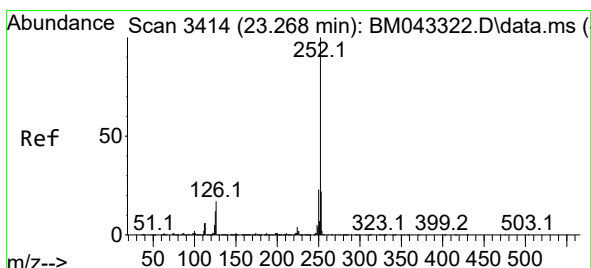
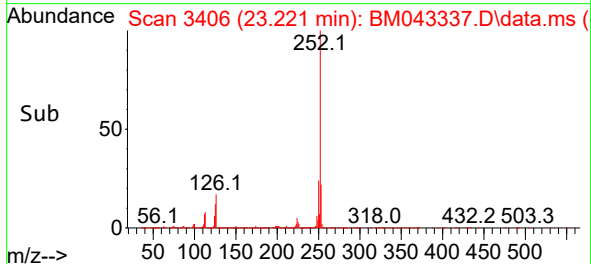
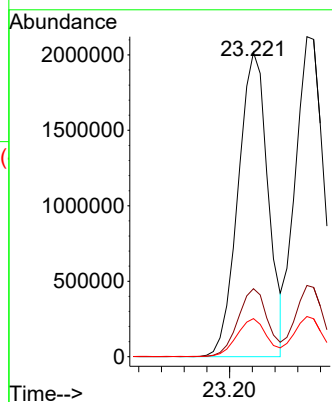
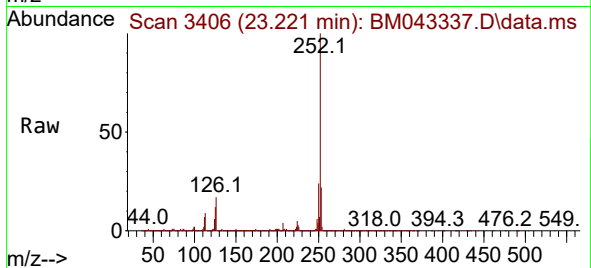
Tgt Ion:252 Resp: 3695805

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 12.5 7.2 10.8#



#91

Benzo(k)fluoranthene

Concen: 19.735 ng/ul

RT: 23.268 min Scan# 3414

Delta R.T. -0.000 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

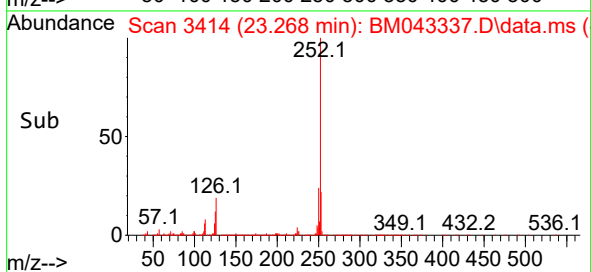
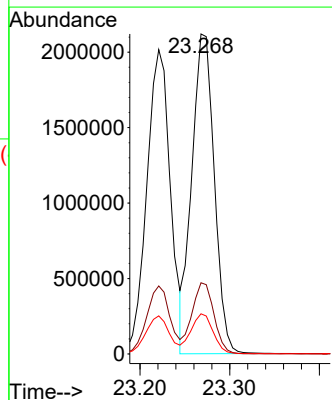
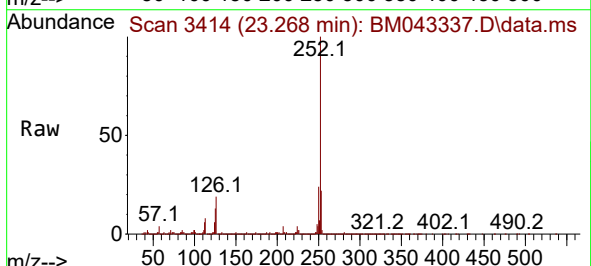
Tgt Ion:252 Resp: 3689770

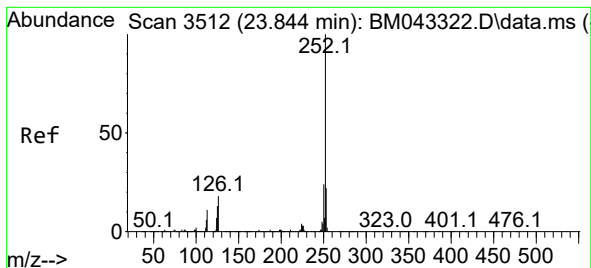
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 12.5 7.7 11.5#





#93

Benzo(a)pyrene

Concen: 19.413 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

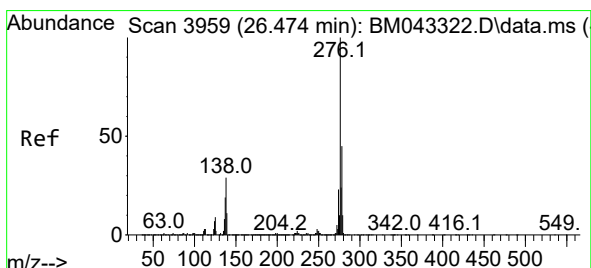
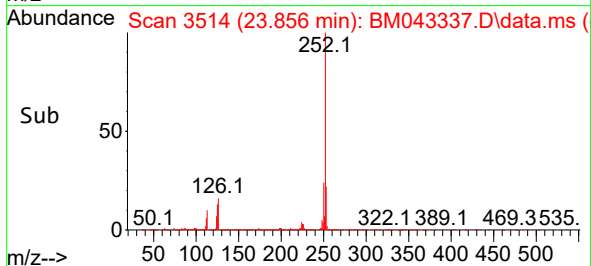
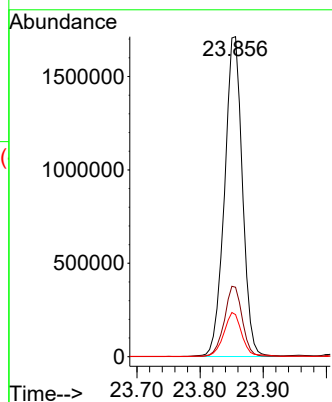
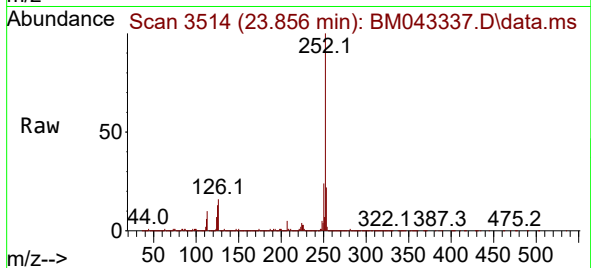
Tgt Ion:252 Resp: 3368428

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 13.2 8.4 12.6#



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.279 ng/ul

RT: 26.485 min Scan# 3961

Delta R.T. 0.012 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

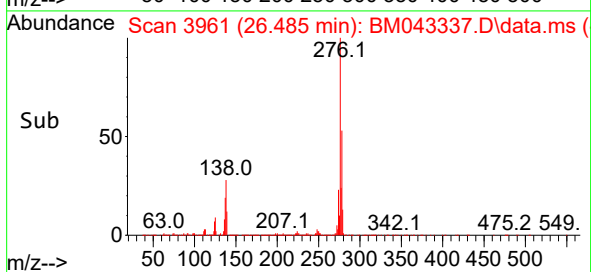
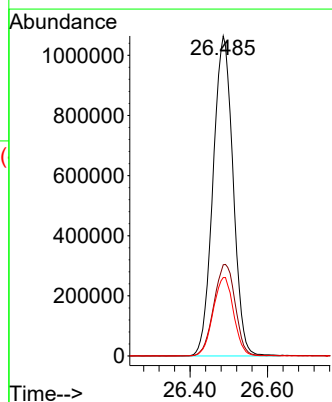
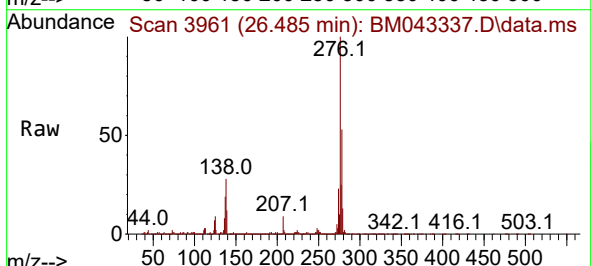
Tgt Ion:276 Resp: 3810275

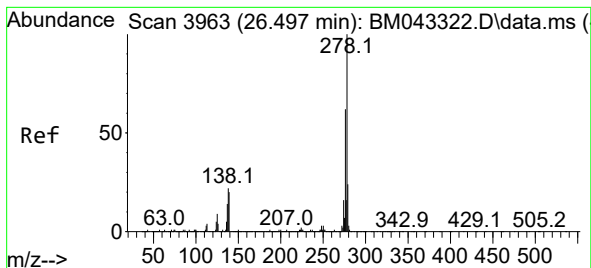
Ion Ratio Lower Upper

276 100

138 28.5 16.9 25.3#

277 24.5 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 19.250 ng/ul

RT: 26.509 min Scan# 3965

Delta R.T. 0.006 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Instrument :

BNA_P

ClientSampleId :

SSTD020162

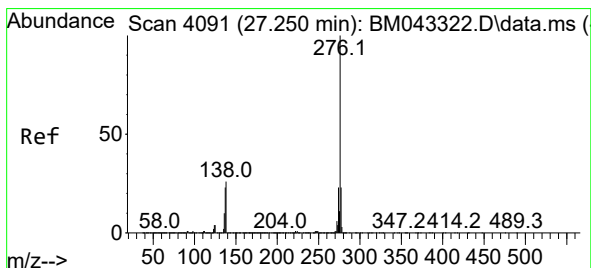
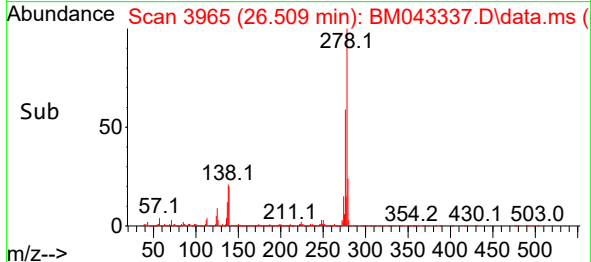
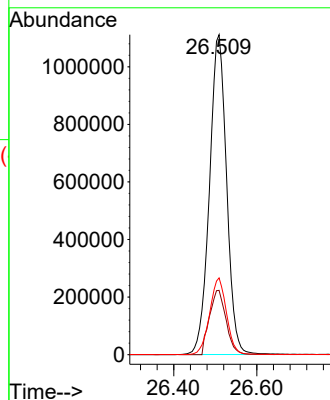
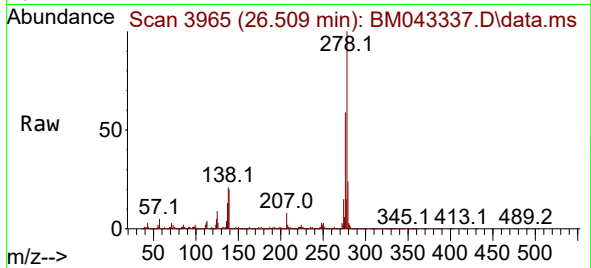
Tgt Ion:278 Resp: 3181191

Ion Ratio Lower Upper

278 100

139 20.1 11.9 17.9#

279 24.0 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 19.647 ng/ul

RT: 27.262 min Scan# 4093

Delta R.T. 0.018 min

Lab File: BM043337.D

Acq: 14 Dec 2023 13:50

Tgt Ion:276 Resp: 2925601

Ion Ratio Lower Upper

276 100

138 26.4 16.2 24.2#

277 23.2 18.7 28.1

