

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
 Data File : BM038332.D
 Acq On : 28 Dec 2022 17:10
 Operator : CG/JU
 Sample : SSTD00509
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005012

Quant Time: Dec 29 01:55:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 29 01:45:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	75037	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	280213	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	180745	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	413458	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	432597	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	501972	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4102	2.482	ng/uL	0.00
4) Pyridine-d5	3.810	84	19915	4.062	ng/u1	0.01
7) Phenol-d5	7.169	99	25963	4.258	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	18963	5.107	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	20825	4.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	20268	4.258	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	9876	4.451	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	10792	4.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	21816	4.940	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	27020	4.432	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	64154	4.979	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	72339	4.593	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	8121	3.698	ng/u1	0.00
60) Fluorene-d10	15.627	176	56060	4.883	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	10876	4.920	ng/u1	0.00
73) Anthracene-d10	17.474	188	88832	4.604	ng/u1	0.00
81) Pyrene-d10	19.762	212	108888	4.190	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	113019	4.508	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	4116	2.374	ng/uL	93
5) Pyridine	3.834	79	23872	4.845	ng/u1	89
6) Benzaldehyde	7.146	77	12204	5.351	ng/u1	95
8) Phenol	7.198	94	27527	4.501	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	24615	4.902	ng/u1	92
12) 2-Chlorophenol	7.569	128	21596	4.222	ng/u1	96
13) 2-Methylphenol	8.457	108	19254	4.114	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.534	45	33731	3.720	ng/u1	98
16) Acetophenone	8.840	105	35447	4.735	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.816	70	19375	5.494	ng/u1	94
18) 4-Methylphenol	8.787	108	21064	4.161	ng/u1	95
19) Hexachloroethane	9.087	117	10475	5.122	ng/u1	94
22) Nitrobenzene	9.222	77	29180	6.113	ng/u1	97
23) Isophorone	9.745	82	50855	5.814	ng/u1	98
25) 2-Nitrophenol	9.939	139	10511	4.312	ng/u1	95
26) 2,4-Dimethylphenol	9.992	107	25942	5.503	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.228	93	32035	5.509	ng/u1	97
29) 2,4-Dichlorophenol	10.469	162	20618	4.759	ng/u1	97
30) Naphthalene	10.869	128	69482	4.595	ng/u1	97
32) 4-Chloroaniline	10.992	127	26706	4.393	ng/u1	99
33) Hexachlorobutadiene	11.145	225	18447	6.472	ng/u1	96
34) Caprolactam	11.769	113	4753	4.276	ng/u1	87
35) 4-Chloro-3-methylphenol	12.110	107	20217	5.126	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	45941	4.684	ng/u1	99

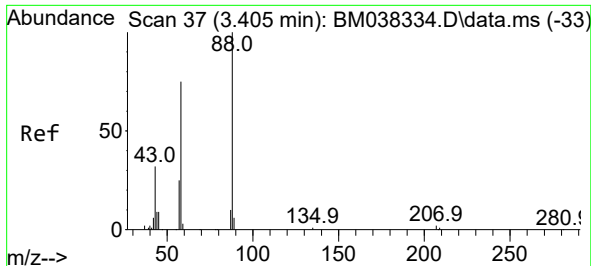
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	45504	4.537	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.839	216	31147	5.274	ng/ul#	95
40) Hexachlorocyclopentadiene	12.810	237	16578	4.907	ng/ul	97
41) 2,4,6-Trichlorophenol	13.080	196	18692	5.196	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	18911	5.041	ng/ul	94
43) 1,1'-Biphenyl	13.475	154	64008	4.406	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	52935	4.723	ng/ul	98
45) 2-Nitroaniline	13.733	65	13353	4.945	ng/ul	95
47) Dimethylphthalate	14.092	163	66077	5.197	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	11487	4.652	ng/ul	95
50) Acenaphthylene	14.363	152	74069	4.277	ng/ul	96
51) 3-Nitroaniline	14.557	138	7805	3.168	ng/ul#	87
52) Acenaphthene	14.704	153	53907	4.501	ng/ul	96
53) 2,4-Dinitrophenol	14.763	184	5474	4.517	ng/ul	92
55) 4-Nitrophenol	14.857	109	7290	5.034	ng/ul	88
56) Dibenzofuran	15.033	168	77480	4.738	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	15907	4.756	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	17552	5.562	ng/ul#	97
59) Diethylphthalate	15.445	149	66942	5.285	ng/ul	99
61) Fluorene	15.680	166	63476	4.760	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.674	204	35568	5.457	ng/ul	96
63) 4-Nitroaniline	15.710	138	6534	2.925	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	10154	4.745	ng/ul#	91
67) N-Nitrosodiphenylamine	15.886	169	52211	4.186	ng/ul	98
68) 4-Bromophenyl-phenylether	16.568	248	21511	4.746	ng/ul	97
69) Hexachlorobenzene	16.680	284	26412	4.882	ng/ul	97
70) Atrazine	16.833	200	20557	4.823	ng/ul	95
71) Pentachlorophenol	17.033	266	12924	4.297	ng/ul	95
72) Phenanthrene	17.421	178	101905	4.513	ng/ul	99
74) Anthracene	17.510	178	101088	4.405	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	31137	4.658	ng/ul	99
76) Pentachlorobenzene	14.957	250	30365	4.586	ng/ul	99
77) Carbazole	17.786	167	82006	4.125	ng/ul	98
78) Di-n-butylphthalate	18.333	149	111352	4.712	ng/ul	98
80) Fluoranthene	19.433	202	124024	4.044	ng/ul	99
82) Pyrene	19.792	202	134983	4.229	ng/ul	97
83) Butylbenzylphthalate	20.674	149	49725	4.190	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.468	252	42334	4.945	ng/ul	97
85) Benzo(a)anthracene	21.533	228	140853	4.836	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	77753	4.503	ng/ul	98
87) Chrysene	21.586	228	136910	5.010	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	140142	4.357	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	143137	4.599	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	139420	4.623	ng/ul	97
93) Benzo(a)pyrene	23.874	252	126820	4.634	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.521	276	161395	4.579	ng/ul	98
95) Dibenzo(a,h)anthracene	26.538	278	132110	4.446	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	134415	4.777	ng/ul	97

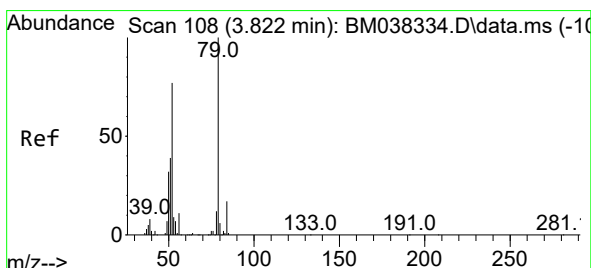
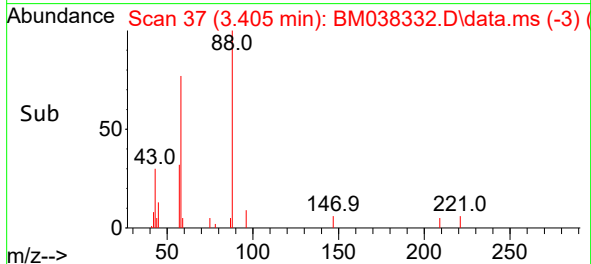
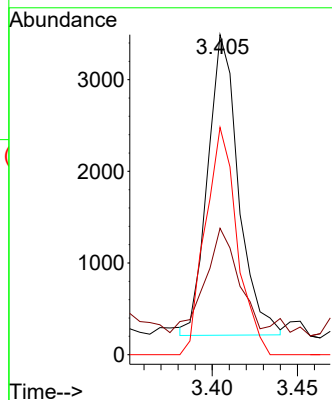
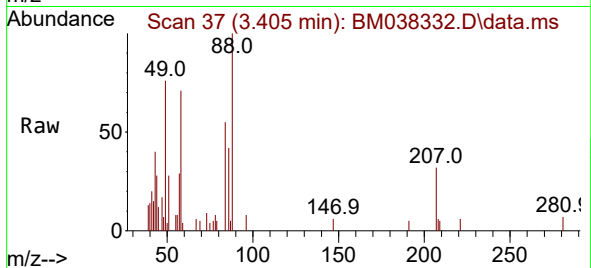
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#2
1,4-Dioxane
Concen: 2.374 ng/uL
RT: 3.405 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038332.D
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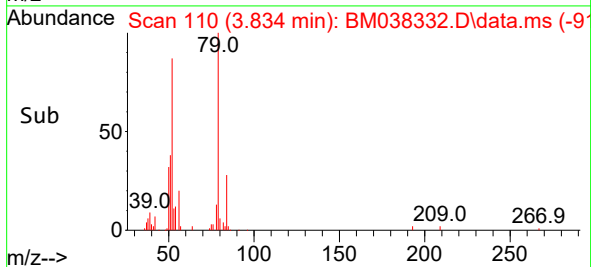
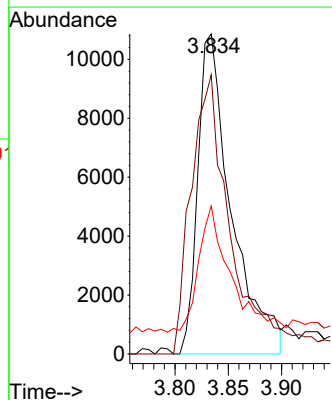
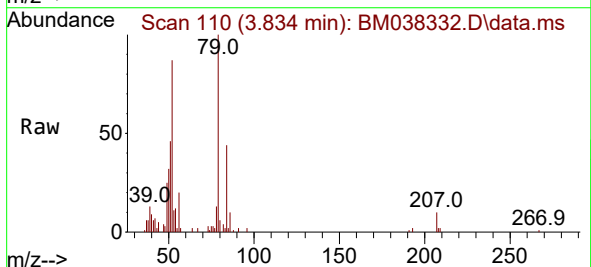
Instrument :
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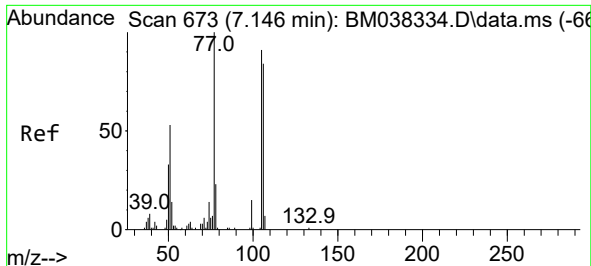
Tgt Ion: 88 Resp: 4116
Ion Ratio Lower Upper
88 100
43 39.5 26.6 40.0
58 71.0 59.9 89.9



#5
Pyridine
Concen: 4.845 ng/uL
RT: 3.834 min Scan# 110
Delta R.T. 0.012 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion: 79 Resp: 23872
Ion Ratio Lower Upper
79 100
52 87.2 62.2 93.4
51 46.2 31.9 47.9

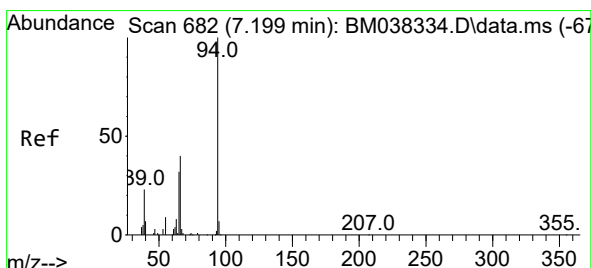
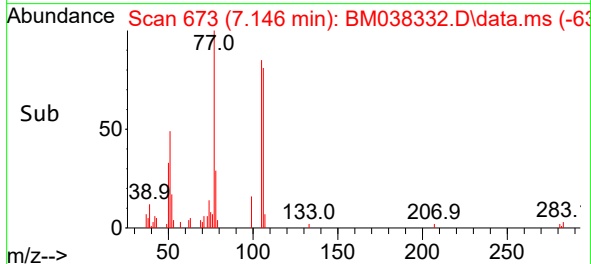
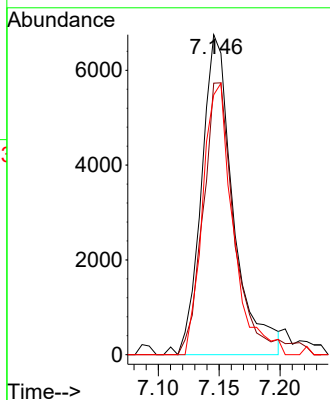
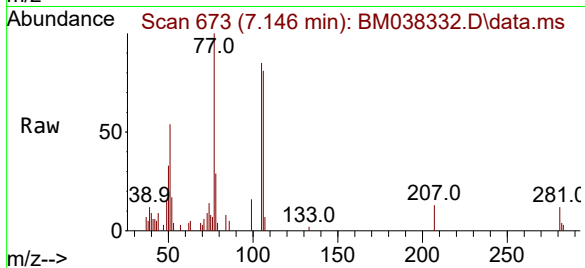




#6
Benzaldehyde
Concen: 5.351 ng/ul
RT: 7.146 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

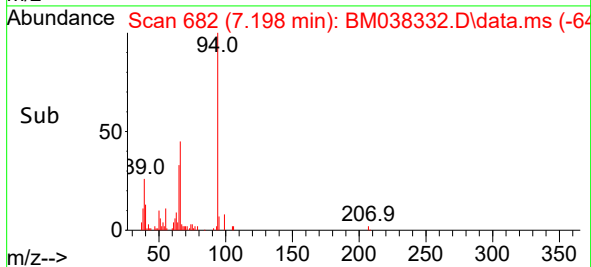
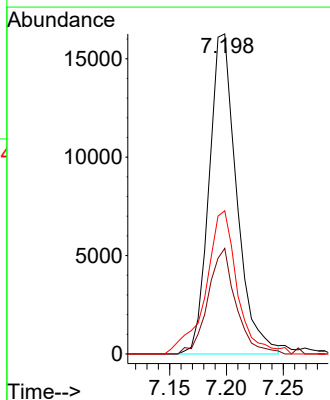
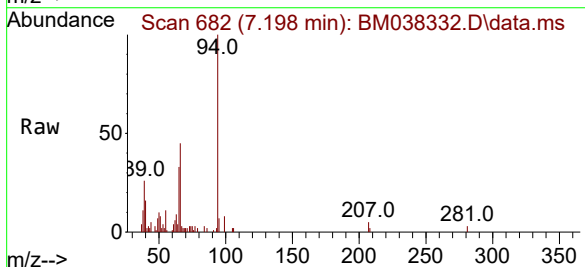
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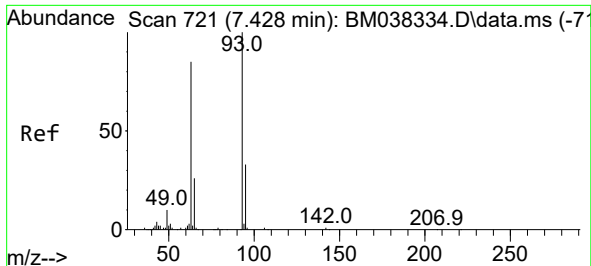
Tgt Ion: 77 Resp: 12204
Ion Ratio Lower Upper
77 100
105 84.8 72.9 109.3
106 81.2 67.0 100.4



#8
Phenol
Concen: 4.501 ng/ul
RT: 7.198 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion: 94 Resp: 27527
Ion Ratio Lower Upper
94 100
65 33.0 26.3 39.5
66 44.8 35.2 52.8

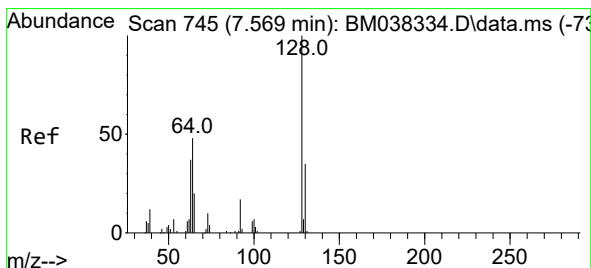
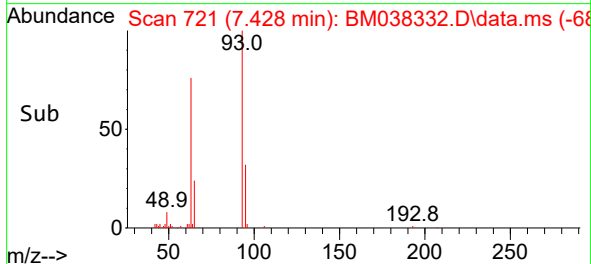
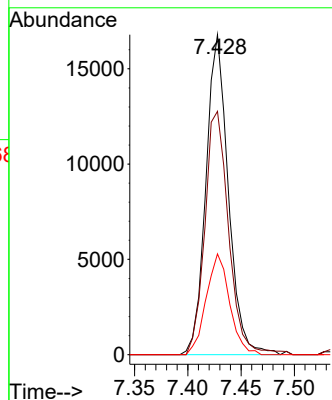
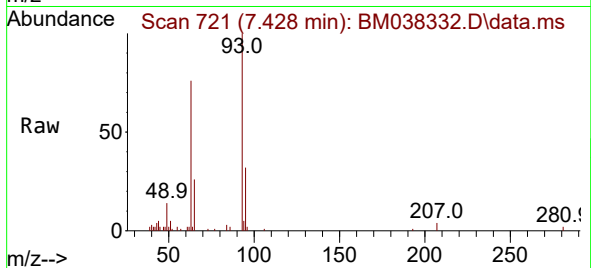




#10
Bis(2-Chloroethyl)ether
Concen: 4.902 ng/ul
RT: 7.428 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

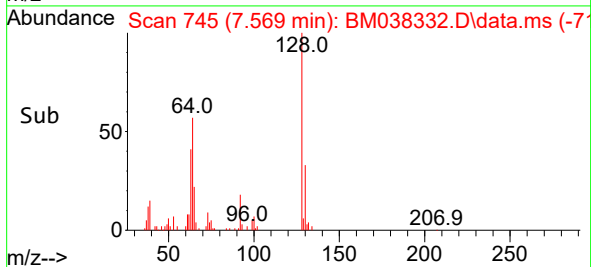
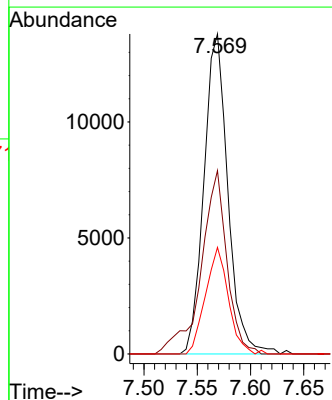
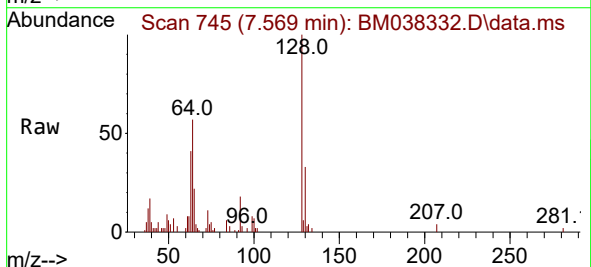
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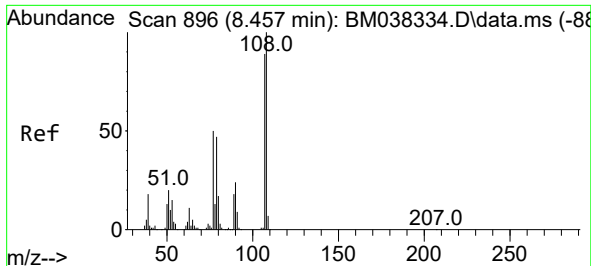
Tgt Ion: 93 Resp: 24615
Ion Ratio Lower Upper
93 100
63 76.0 67.7 101.5
95 31.5 26.7 40.1



#12
2-Chlorophenol
Concen: 4.222 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:128 Resp: 21596
Ion Ratio Lower Upper
128 100
64 57.3 42.6 63.8
130 33.3 27.7 41.5





#13

2-Methylphenol

Concen: 4.114 ng/ul

RT: 8.457 min Scan# 896

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

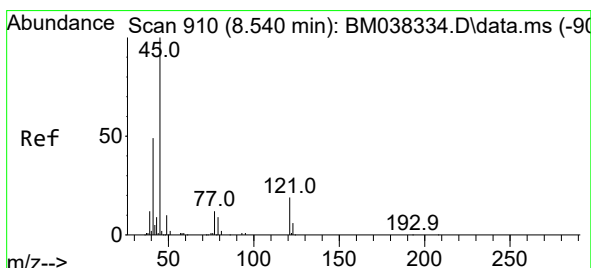
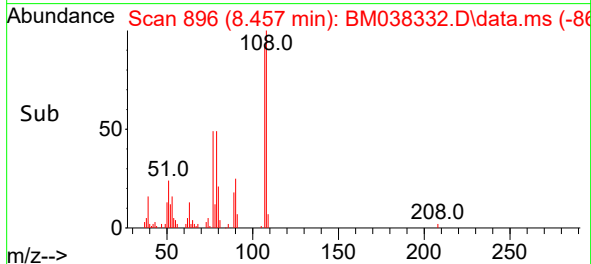
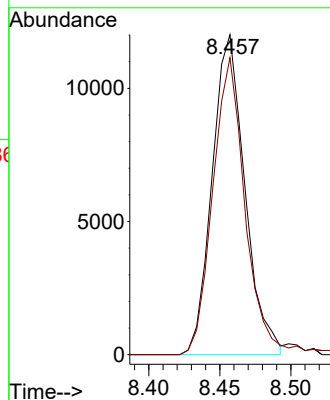
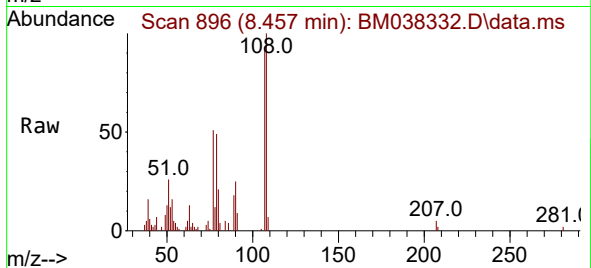
SSTD005012

Tgt Ion:108 Resp: 19254

Ion Ratio Lower Upper

108 100

107 92.8 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.720 ng/ul

RT: 8.534 min Scan# 909

Delta R.T. -0.006 min

Lab File: BM038332.D

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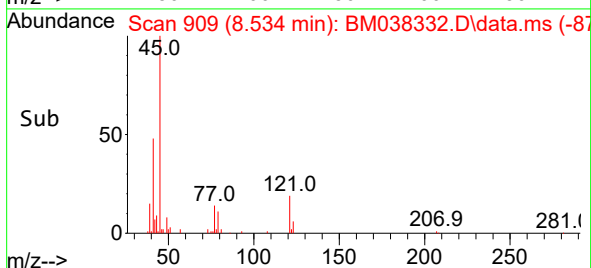
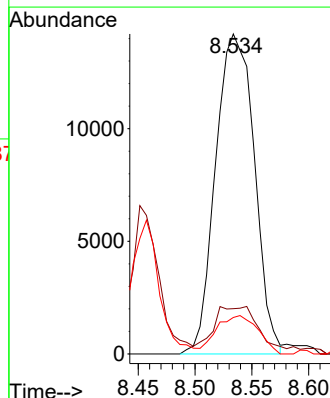
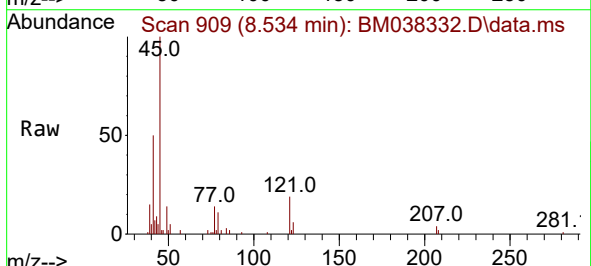
Tgt Ion: 45 Resp: 33731

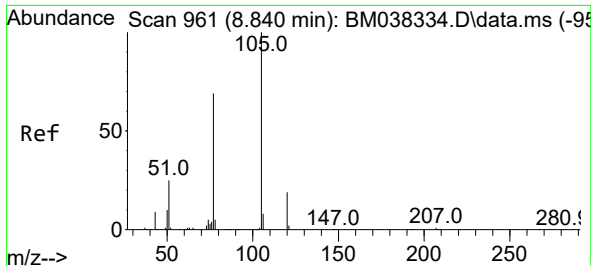
Ion Ratio Lower Upper

45 100

77 14.2 12.4 18.6

79 11.4 9.3 13.9

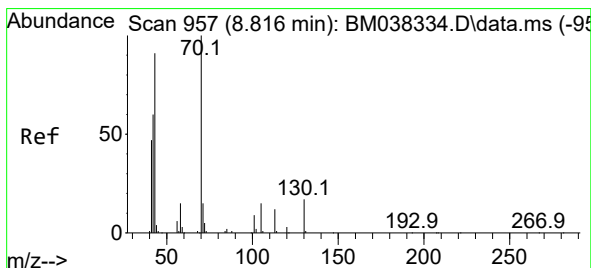
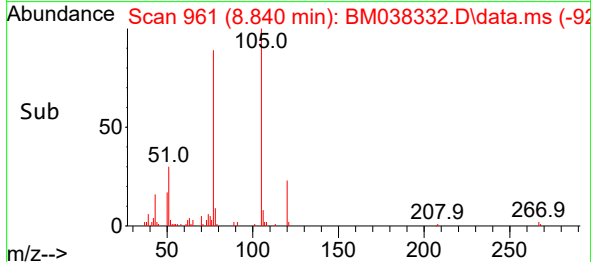
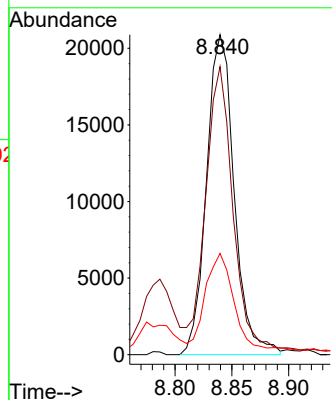
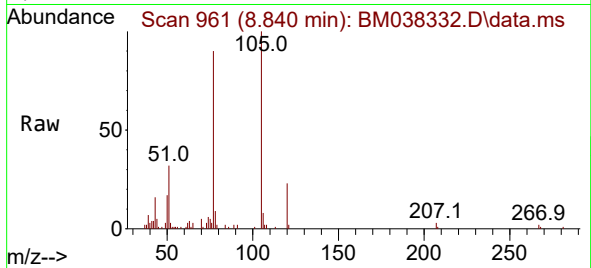




#16
Acetophenone
Concen: 4.735 ng/ul
RT: 8.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM038332.D
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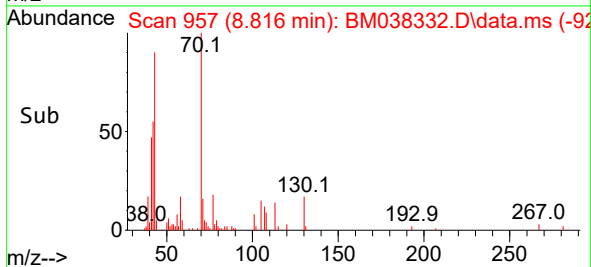
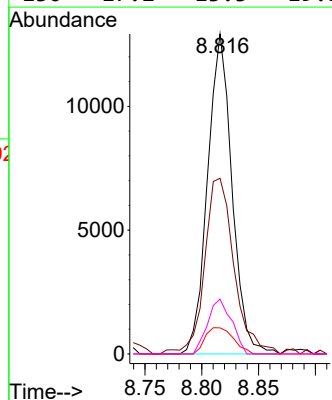
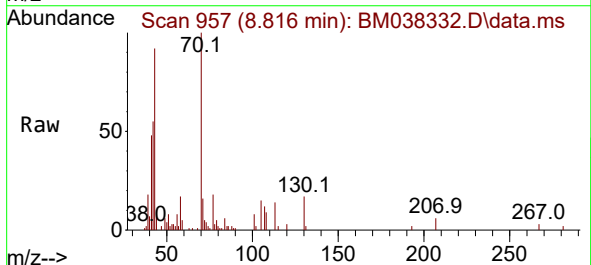
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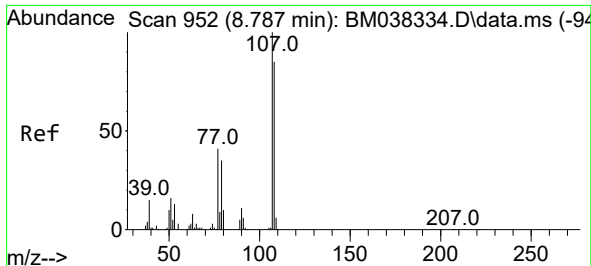
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Ion Ratio Lower Upper
105 100
77 90.0 64.6 97.0
51 31.6 23.9 35.9



#17
N-Nitroso-di-n-propylamine
Concen: 5.494 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion: 70 Resp: 19375
Ion Ratio Lower Upper
70 100
42 54.9 49.0 73.4
101 8.1 7.0 10.6
130 17.2 13.3 19.9

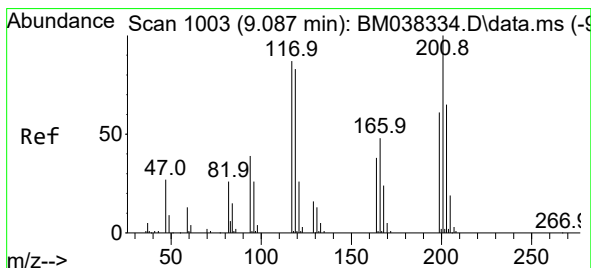
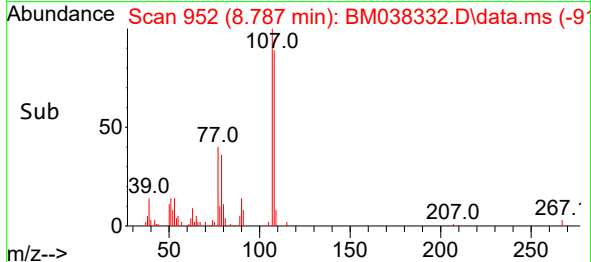
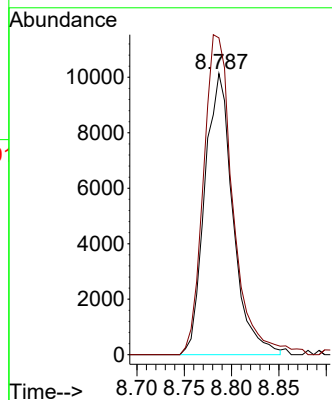
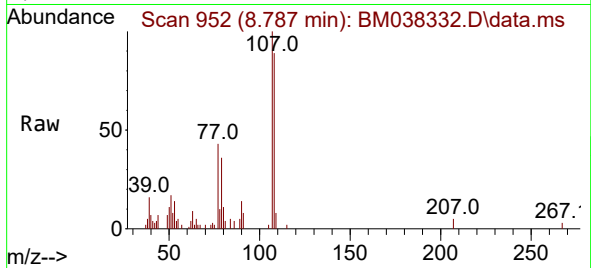




#18
4-Methylphenol
Concen: 4.161 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

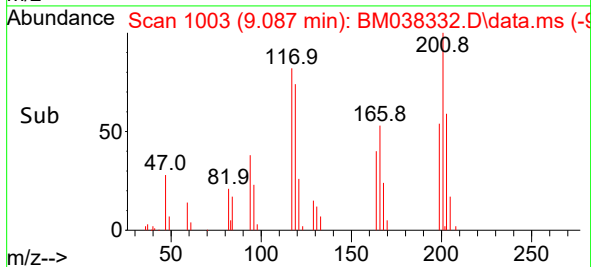
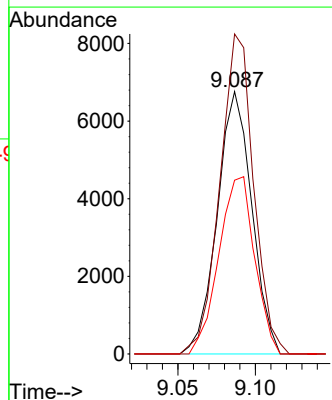
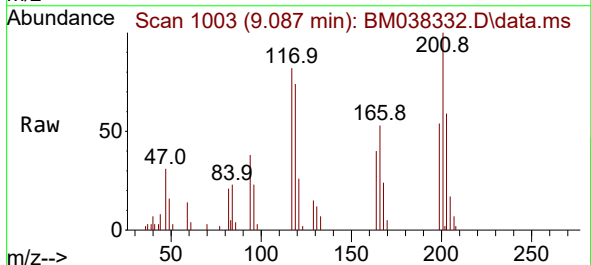
Instrument :
BNA_M
ClientSampleId :
SSTD005012

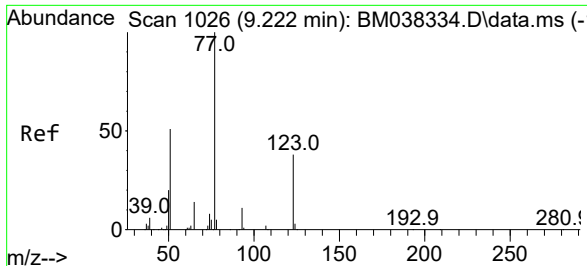
Tgt Ion:108 Resp: 21064
Ion Ratio Lower Upper
108 100
107 112.7 94.3 141.5



#19
Hexachloroethane
Concen: 5.122 ng/ul
RT: 9.087 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:117 Resp: 10475
Ion Ratio Lower Upper
117 100
201 121.9 92.0 138.0
199 66.2 56.1 84.1





#22

Nitrobenzene

Concen: 6.113 ng/ul

RT: 9.222 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

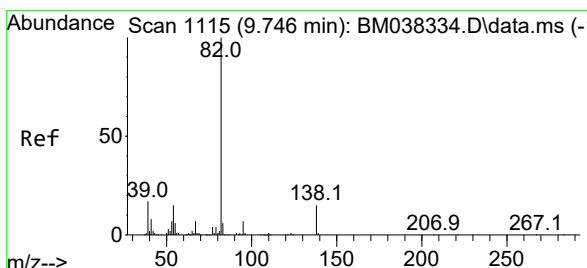
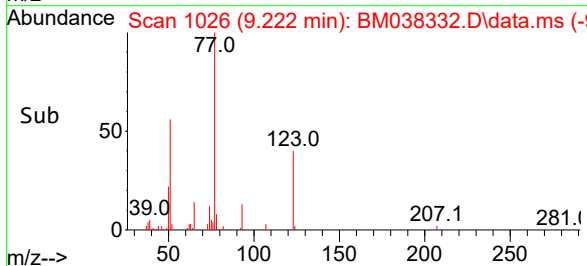
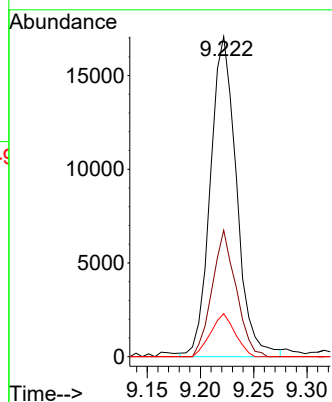
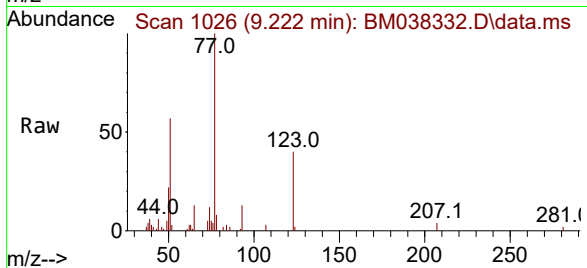
Tgt Ion: 77 Resp: 29180

Ion Ratio Lower Upper

77 100

123 39.5 30.2 45.4

65 13.5 11.3 16.9



#23

Isophorone

Concen: 5.814 ng/ul

RT: 9.745 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

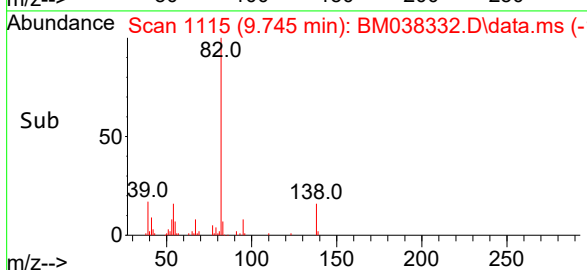
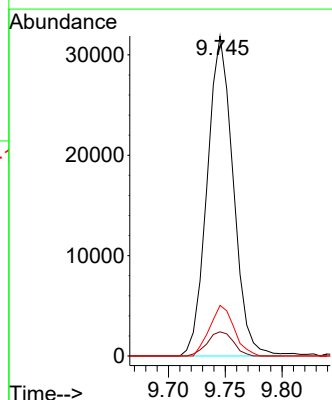
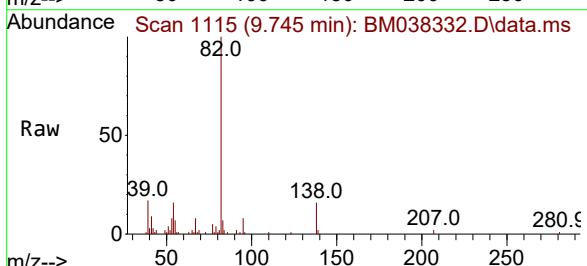
Tgt Ion: 82 Resp: 50855

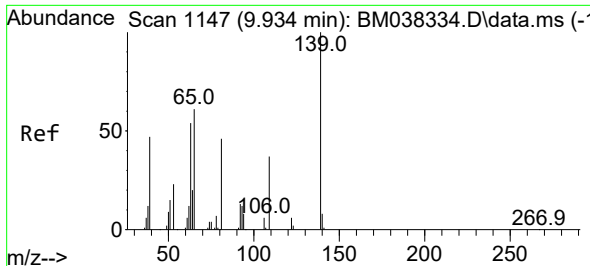
Ion Ratio Lower Upper

82 100

95 7.6 5.3 7.9

138 15.8 12.3 18.5

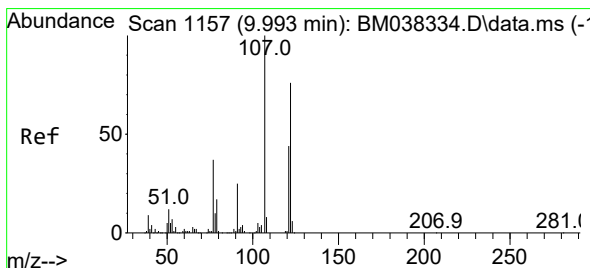
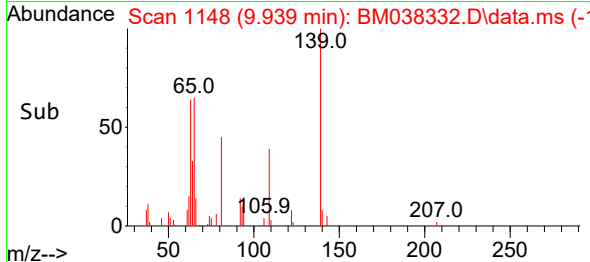
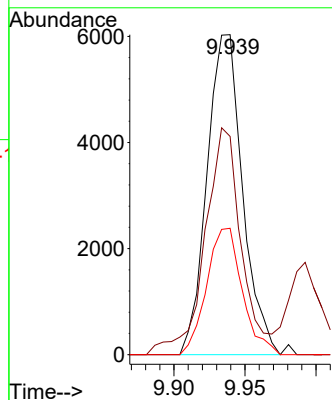
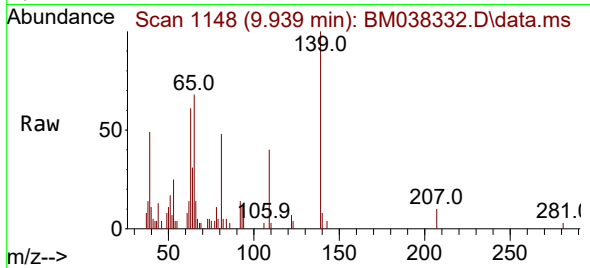




#25
2-Nitrophenol
Concen: 4.312 ng/ul
RT: 9.939 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

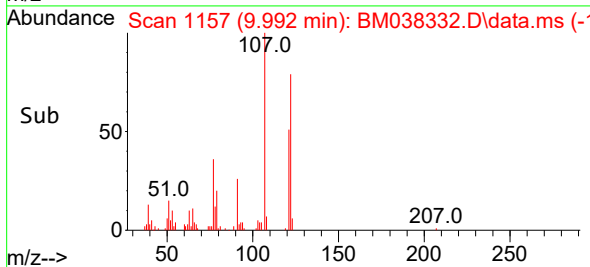
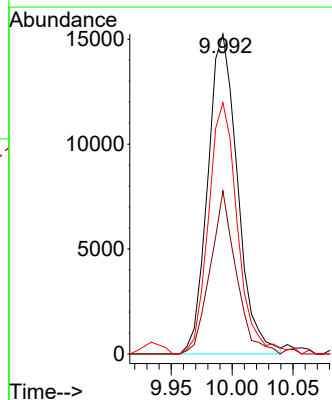
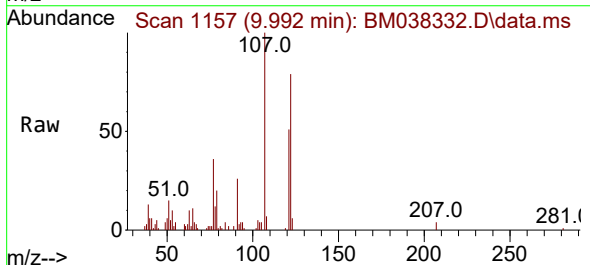
Instrument :
BNA_M
ClientSampleId :
SSTD005012

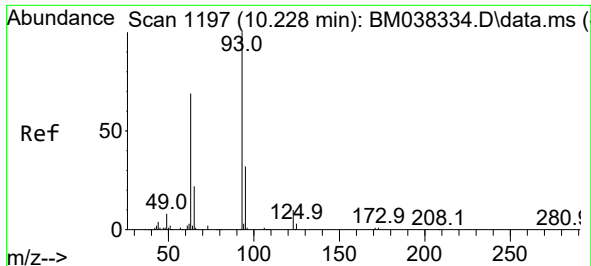
Tgt Ion:139 Resp: 10511
Ion Ratio Lower Upper
139 100
65 68.2 51.4 77.0
109 39.5 29.8 44.8



#26
2,4-Dimethylphenol
Concen: 5.503 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:107 Resp: 25942
Ion Ratio Lower Upper
107 100
121 50.9 35.4 53.0
122 78.6 61.4 92.2





#27

Bis(2-Chloroethoxy)methane

Concen: 5.509 ng/ul

RT: 10.228 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

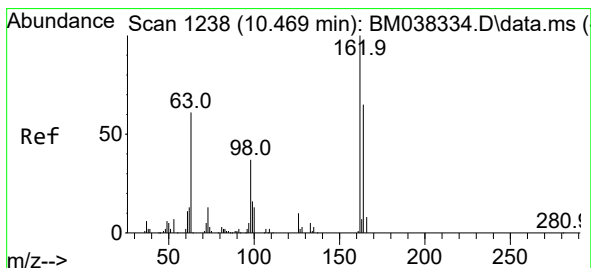
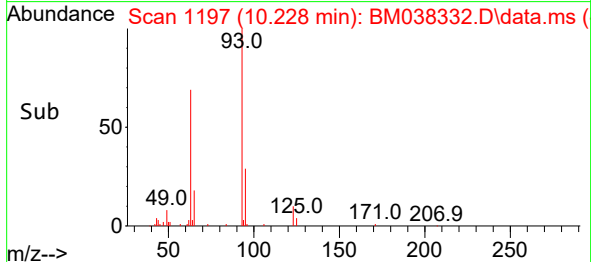
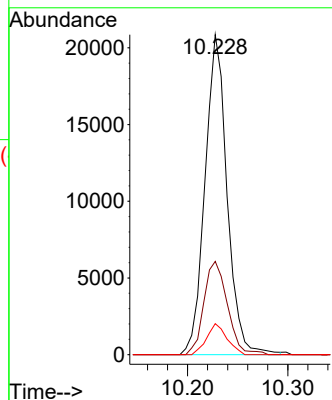
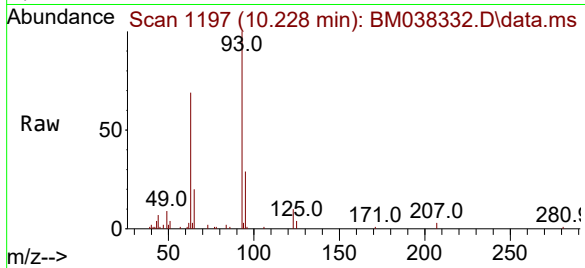
Tgt Ion: 93 Resp: 32035

Ion Ratio Lower Upper

93 100

95 29.1 25.3 37.9

123 9.7 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 4.759 ng/ul

RT: 10.469 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

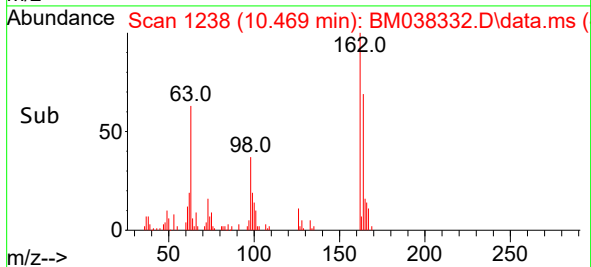
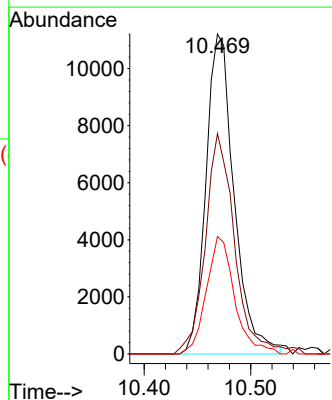
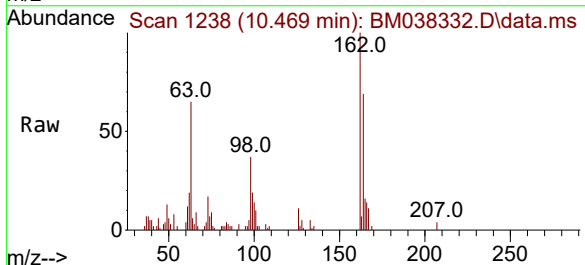
Tgt Ion:162 Resp: 20618

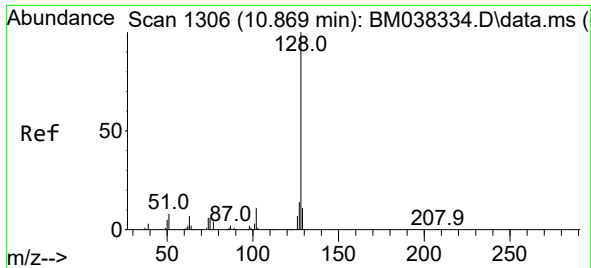
Ion Ratio Lower Upper

162 100

164 68.9 52.4 78.6

98 36.7 29.6 44.4

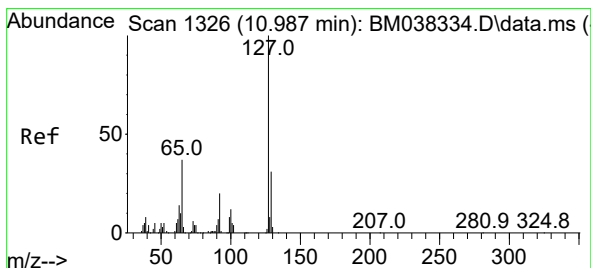
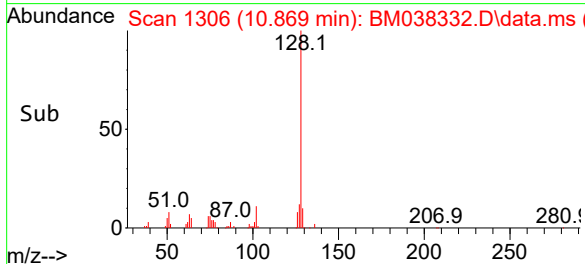
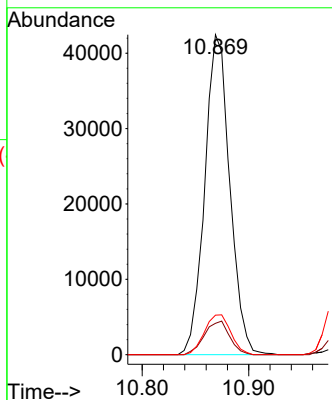
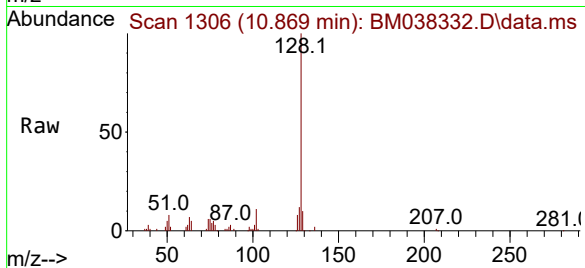




#30
Naphthalene
Concen: 4.595 ng/ul
RT: 10.869 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

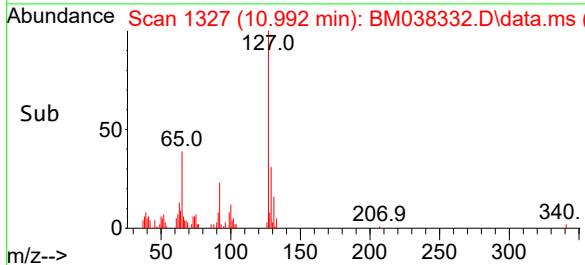
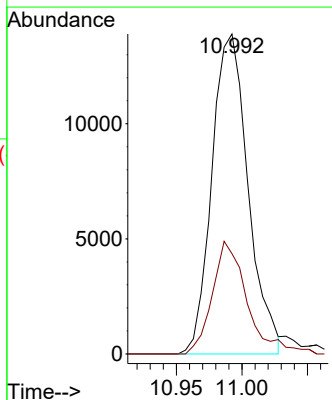
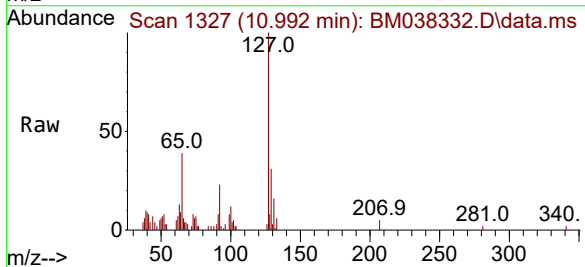
Instrument :
BNA_M
ClientSampleId :
SSTD005012

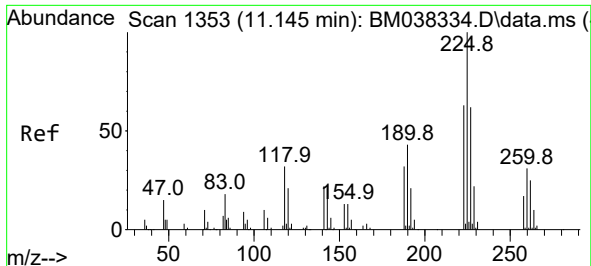
Tgt Ion:128 Resp: 69482
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 12.4 10.9 16.3



#32
4-Chloroaniline
Concen: 4.393 ng/ul
RT: 10.992 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:127 Resp: 26706
Ion Ratio Lower Upper
127 100
129 31.4 24.7 37.1

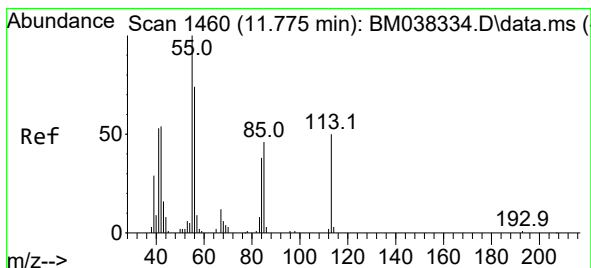
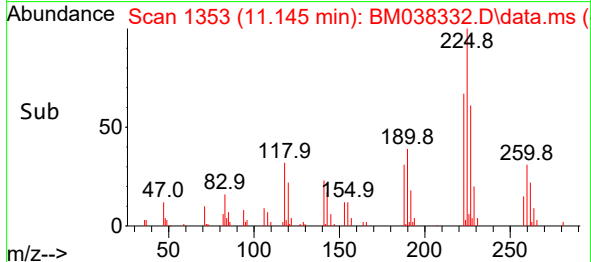
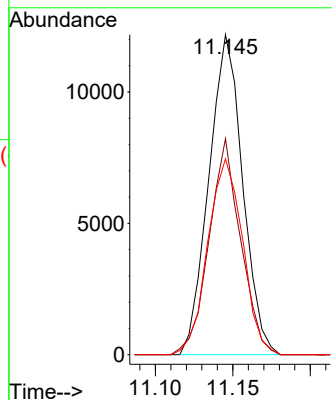
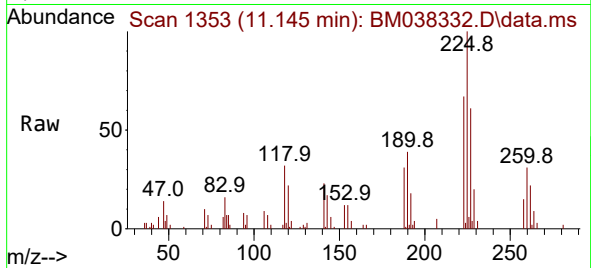




#33
Hexachlorobutadiene
Concen: 6.472 ng/ul
RT: 11.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

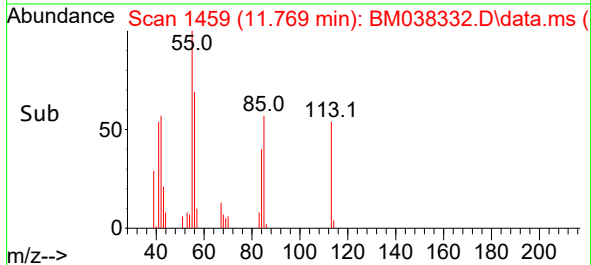
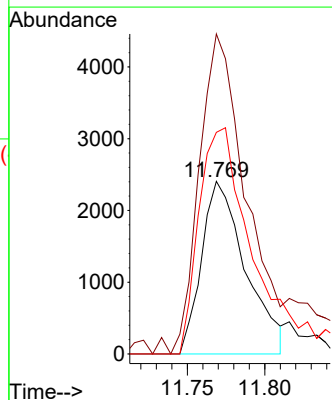
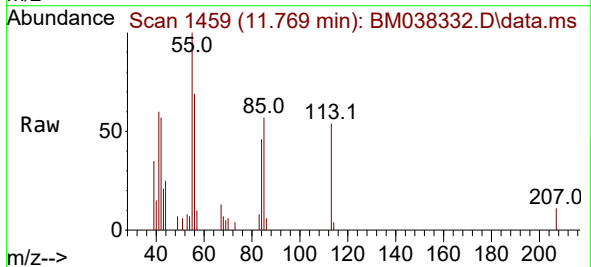
Instrument :
BNA_M
ClientSampleId :
SSTD005012

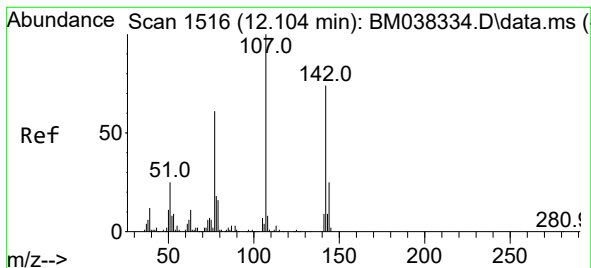
Tgt Ion:225 Resp: 18447
Ion Ratio Lower Upper
225 100
223 67.5 50.6 76.0
227 64.7 49.7 74.5



#34
Caprolactam
Concen: 4.276 ng/ul
RT: 11.769 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:113 Resp: 4753
Ion Ratio Lower Upper
113 100
55 185.4 160.5 240.7
56 128.4 119.0 178.6





#35

4-Chloro-3-methylphenol

Concen: 5.126 ng/ul

RT: 12.110 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

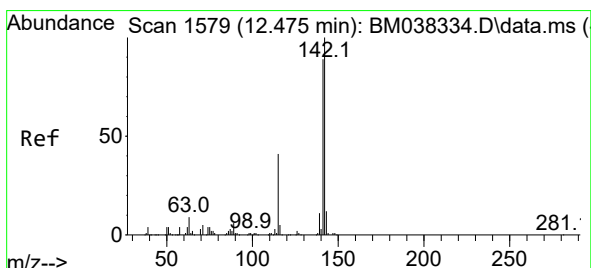
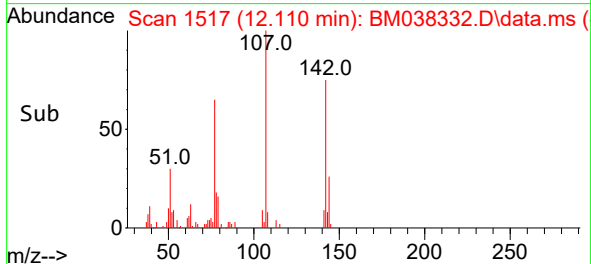
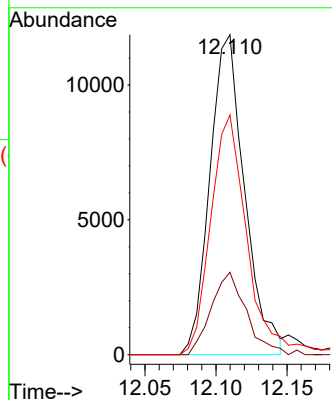
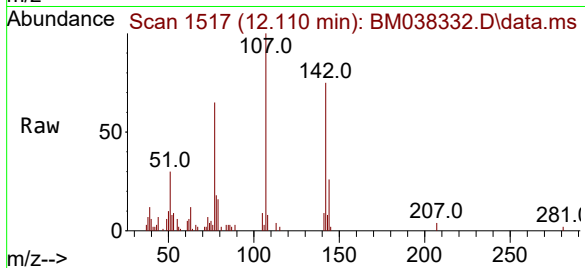
Tgt Ion:107 Resp: 20217

Ion Ratio Lower Upper

107 100

144 25.7 20.1 30.1

142 74.9 59.4 89.2



#36

2-Methylnaphthalene

Concen: 4.684 ng/ul

RT: 12.475 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BM038332.D

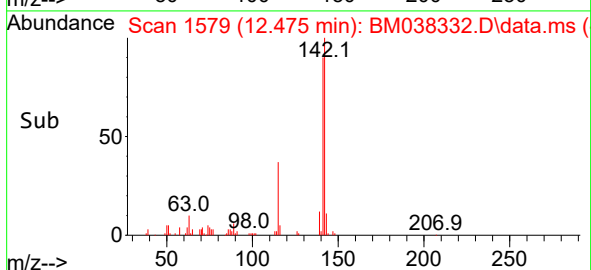
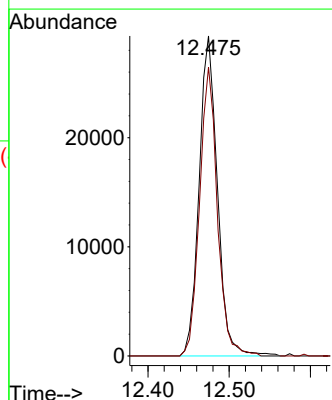
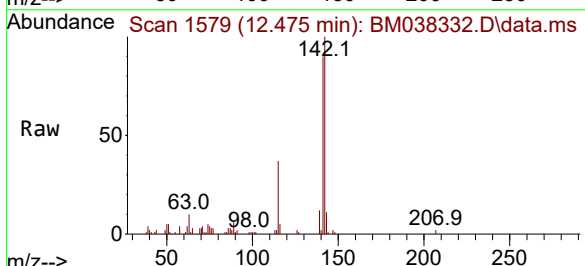
Acq: 28 Dec 2022 17:10

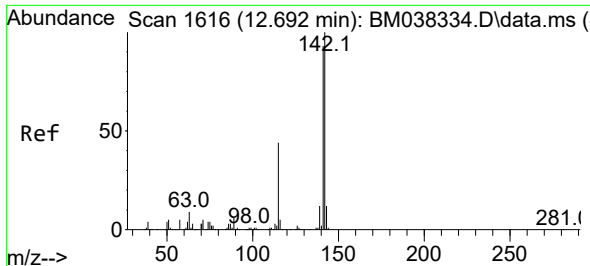
Tgt Ion:142 Resp: 45941

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

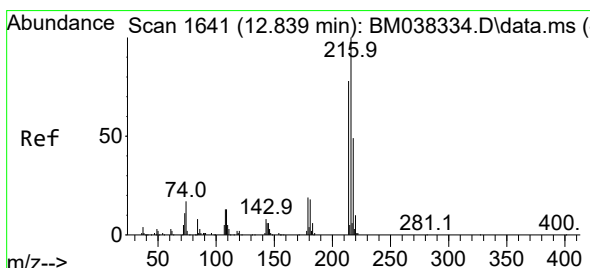
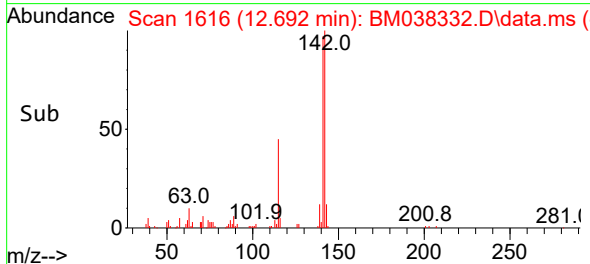
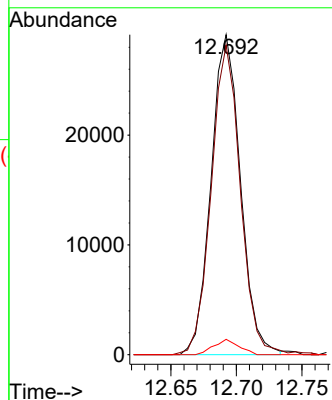
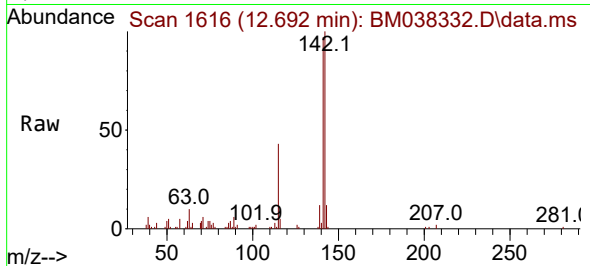




#37
1-Methylnaphthalene
Concen: 4.537 ng/ul
RT: 12.692 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

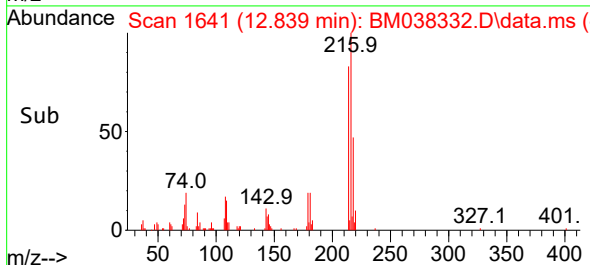
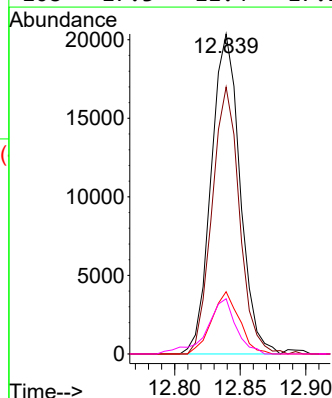
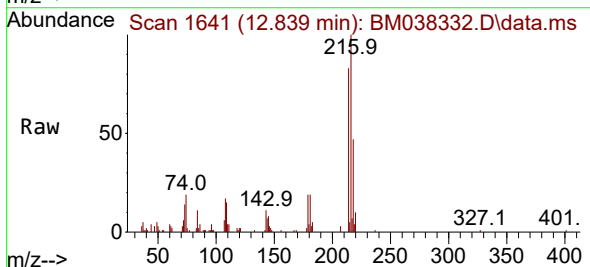
Instrument :
BNA_M
ClientSampleId :
SSTD005012

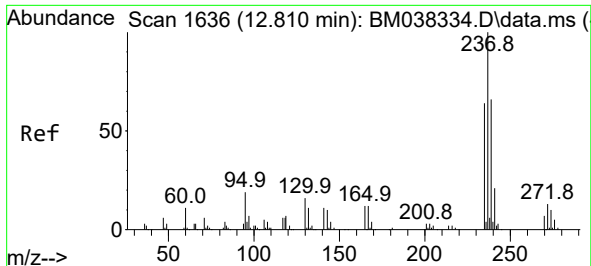
Tgt Ion:142 Resp: 45504
Ion Ratio Lower Upper
142 100
141 96.7 74.0 111.0
116 4.8 3.7 5.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.274 ng/ul
RT: 12.839 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:216 Resp: 31147
Ion Ratio Lower Upper
216 100
214 83.4 62.2 93.4
179 19.5 15.5 23.3
108 17.3 11.4 17.2#

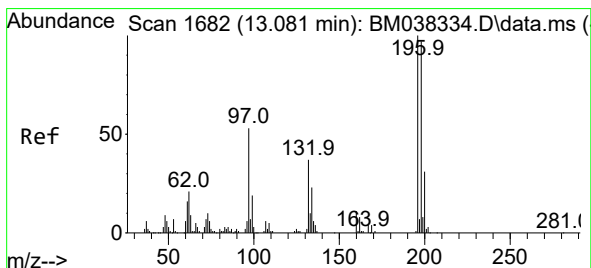
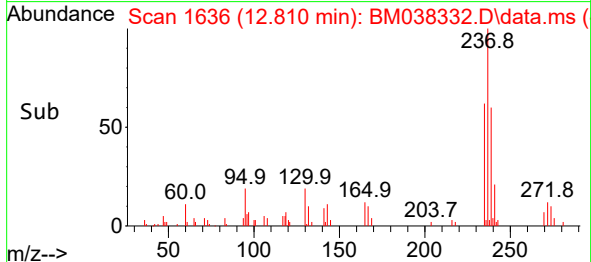
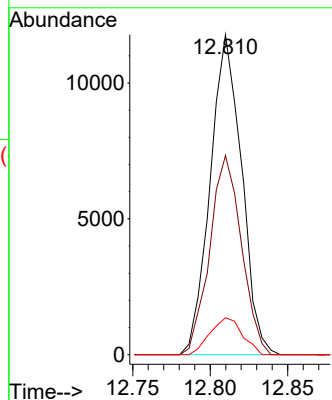
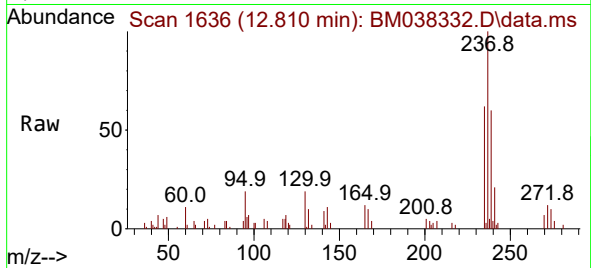




#40
Hexachlorocyclopentadiene
Concen: 4.907 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

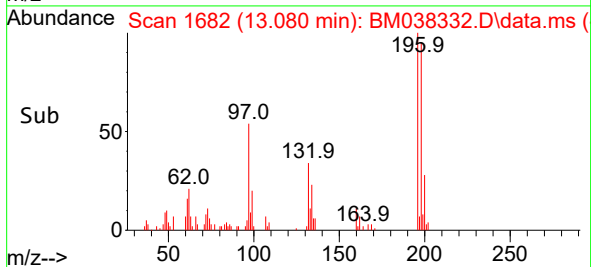
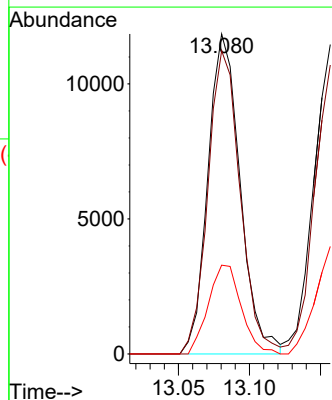
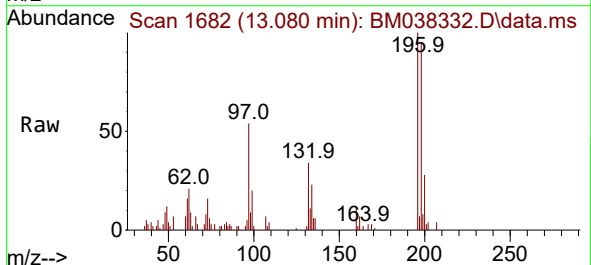
Instrument :
BNA_M
ClientSampleId :
SSTD005012

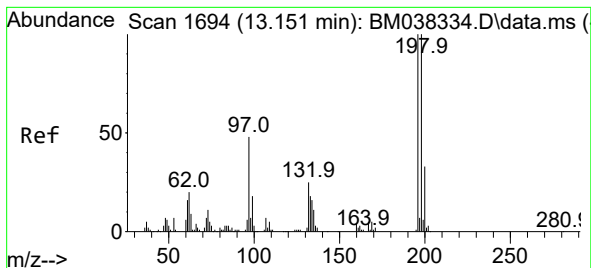
Tgt Ion:237 Resp: 16578
Ion Ratio Lower Upper
237 100
235 62.2 51.0 76.6
272 11.5 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 5.196 ng/ul
RT: 13.080 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:196 Resp: 18692
Ion Ratio Lower Upper
196 100
198 94.7 77.3 115.9
200 27.7 24.7 37.1





#42

2,4,5-Trichlorophenol

Concen: 5.041 ng/ul

RT: 13.157 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

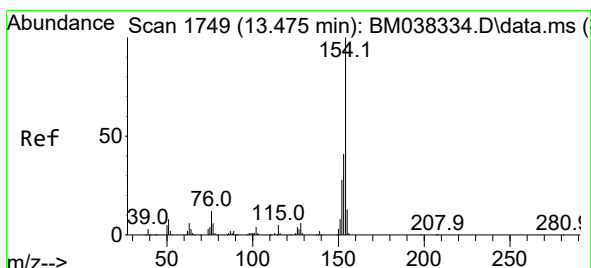
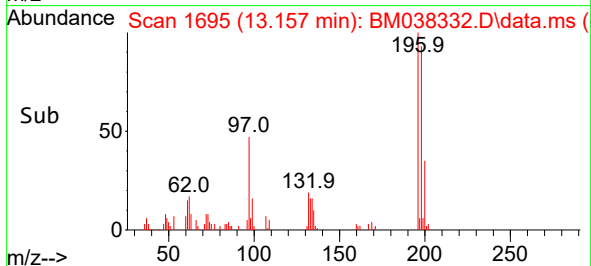
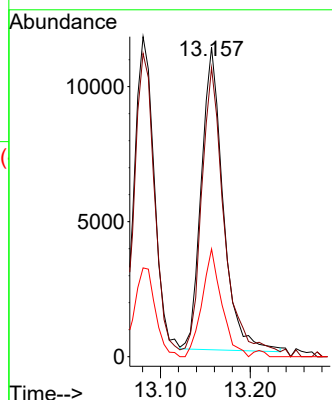
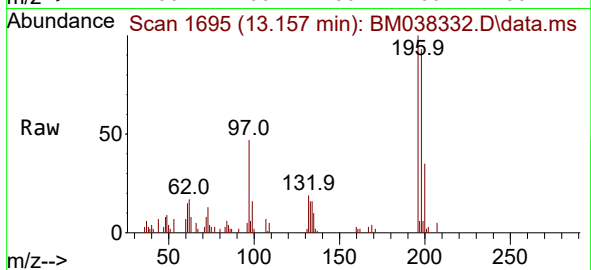
Tgt Ion:196 Resp: 18911

Ion Ratio Lower Upper

196 100

198 93.4 80.1 120.1

200 34.8 26.2 39.4



#43

1,1'-Biphenyl

Concen: 4.406 ng/ul

RT: 13.475 min Scan# 1749

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

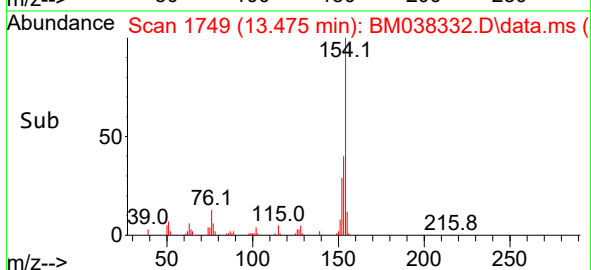
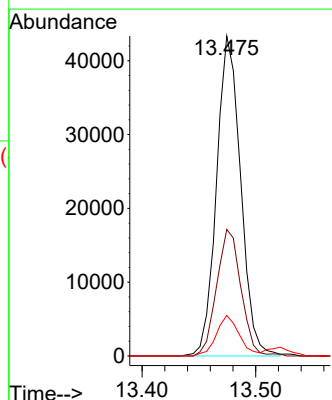
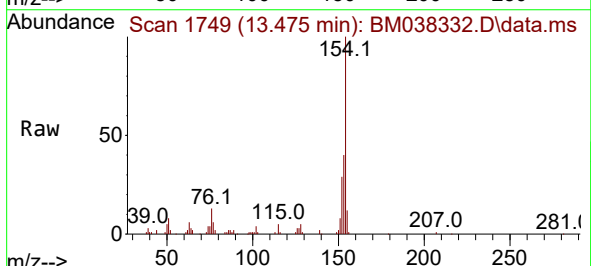
Tgt Ion:154 Resp: 64008

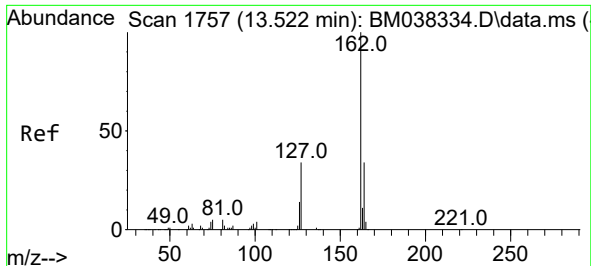
Ion Ratio Lower Upper

154 100

153 39.5 32.6 49.0

76 12.6 9.7 14.5

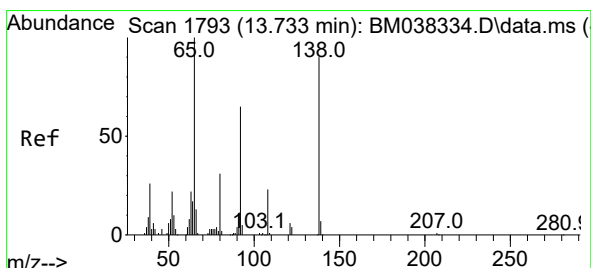
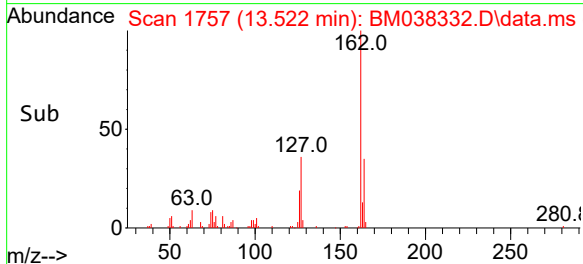
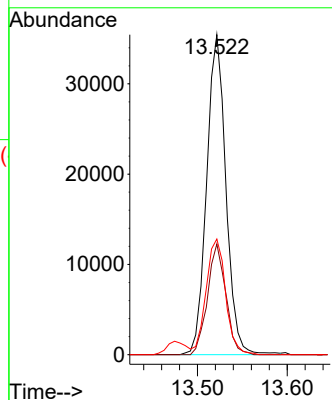
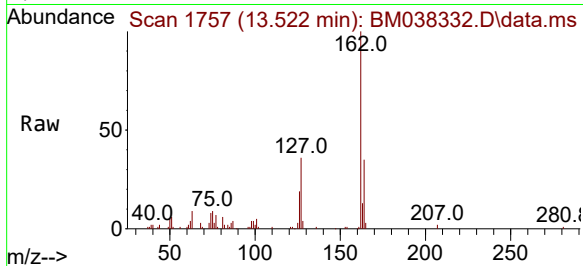




#44
2-Chloronaphthalene
Concen: 4.723 ng/ul
RT: 13.522 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

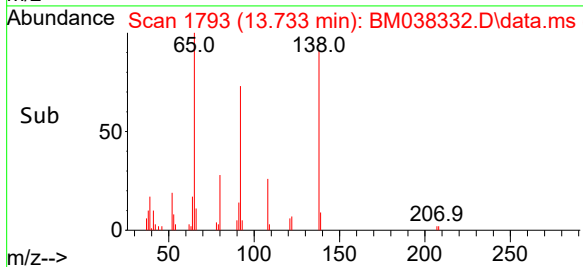
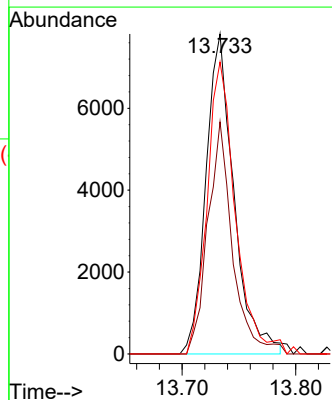
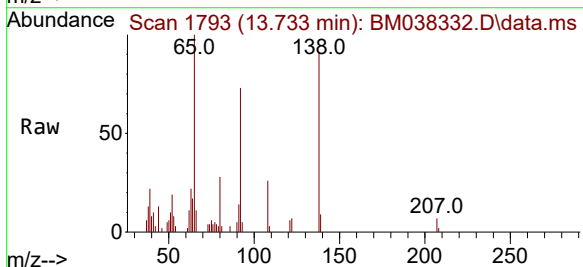
Instrument :
BNA_M
ClientSampleId :
SSTD005012

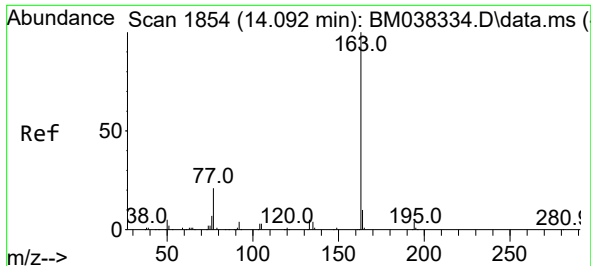
Tgt Ion:162 Resp: 52935
Ion Ratio Lower Upper
162 100
164 34.6 27.3 40.9
127 36.1 30.1 45.1



#45
2-Nitroaniline
Concen: 4.945 ng/ul
RT: 13.733 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion: 65 Resp: 13353
Ion Ratio Lower Upper
65 100
92 72.6 51.7 77.5
138 91.2 72.0 108.0

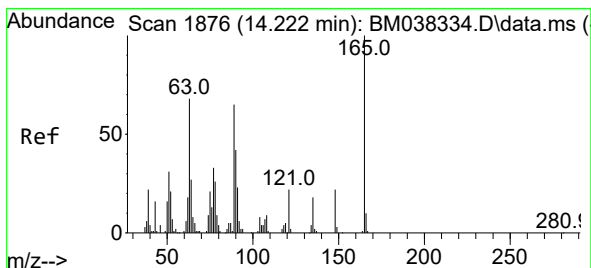
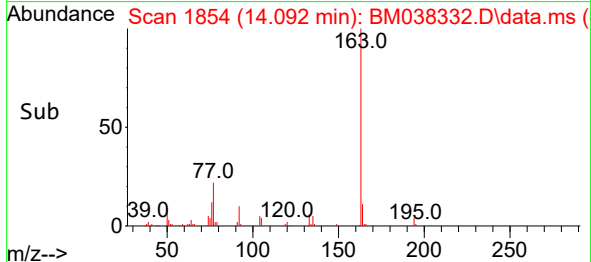
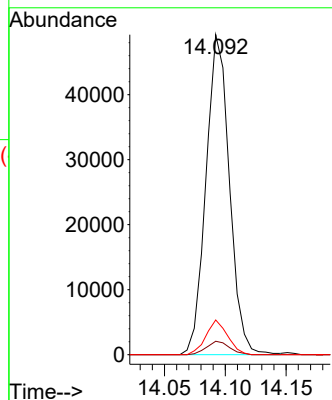
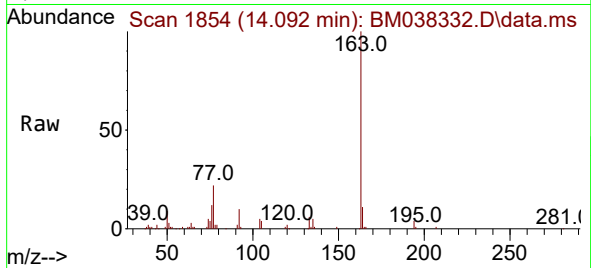




#47
Dimethylphthalate
Concen: 5.197 ng/ul
RT: 14.092 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

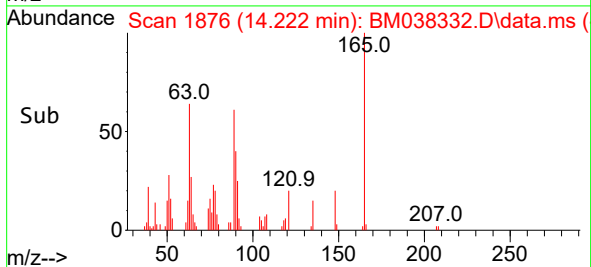
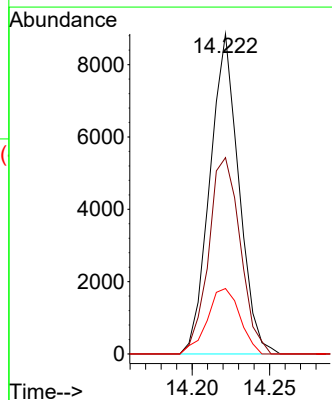
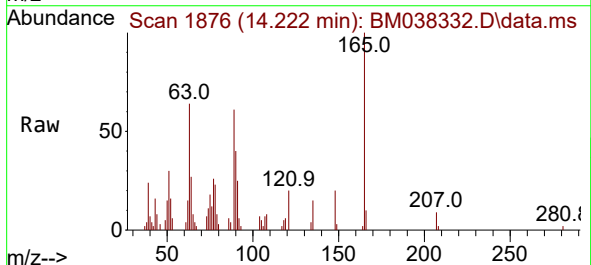
Instrument :
BNA_M
ClientSampleId :
SSTD005012

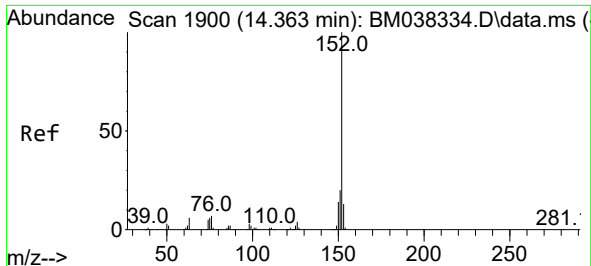
Tgt Ion:163 Resp: 66077
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.8 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 4.652 ng/ul
RT: 14.222 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:165 Resp: 11487
Ion Ratio Lower Upper
165 100
89 61.4 52.3 78.5
121 20.4 17.7 26.5

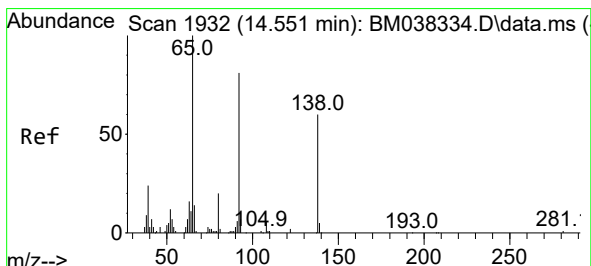
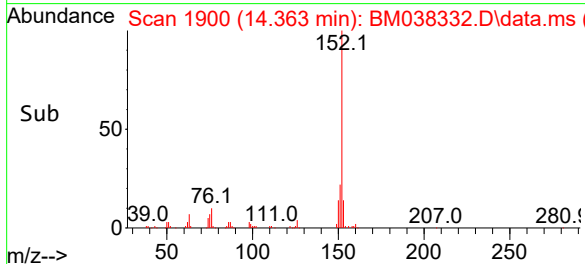
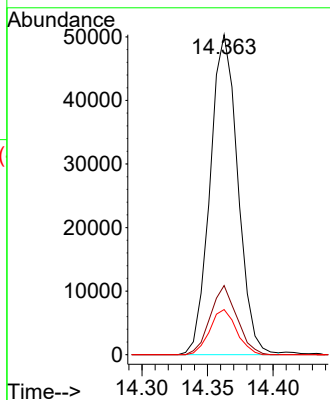
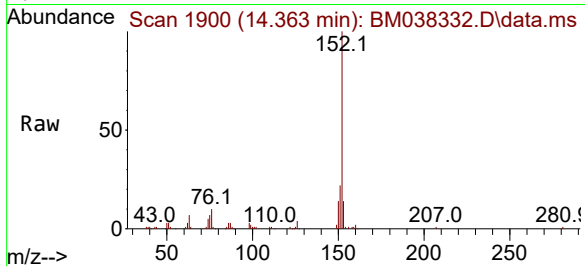




#50
Acenaphthylene
Concen: 4.277 ng/ul
RT: 14.363 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

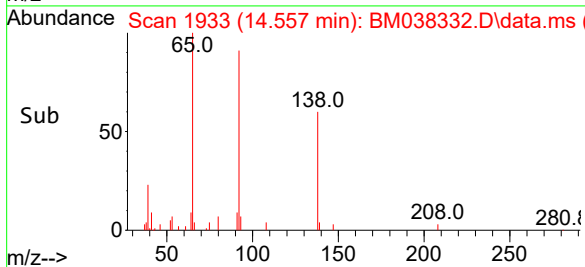
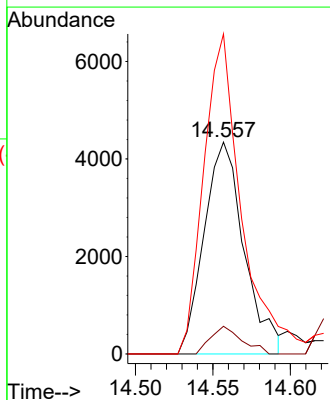
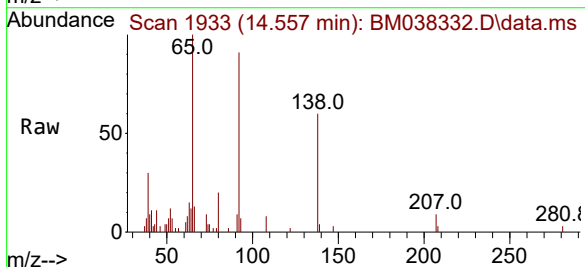
Instrument :
BNA_M
ClientSampleId :
SSTD005012

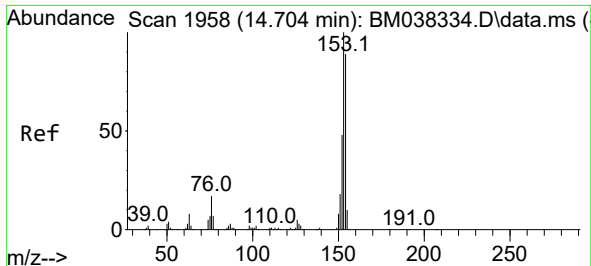
Tgt Ion:152 Resp: 74069
Ion Ratio Lower Upper
152 100
151 21.6 15.8 23.6
153 14.1 10.1 15.1



#51
3-Nitroaniline
Concen: 3.168 ng/ul
RT: 14.557 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:138 Resp: 7805
Ion Ratio Lower Upper
138 100
108 13.1 8.6 13.0#
92 151.0 108.0 162.0

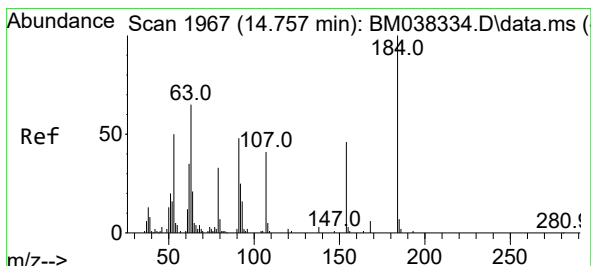
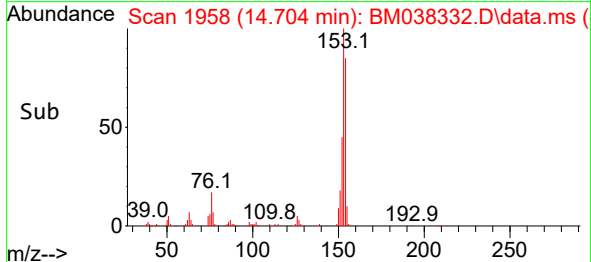
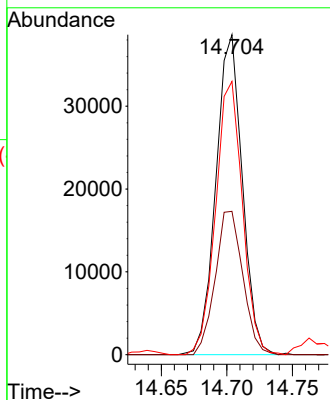
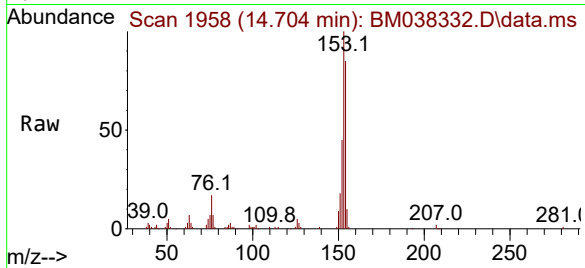




#52
Acenaphthene
Concen: 4.501 ng/ul
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

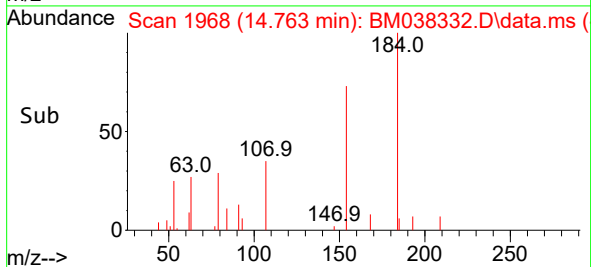
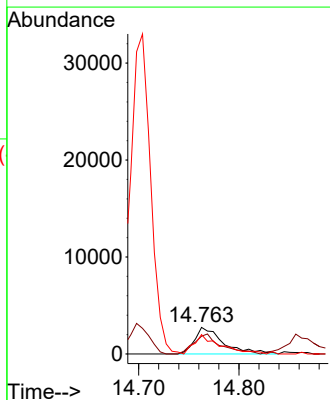
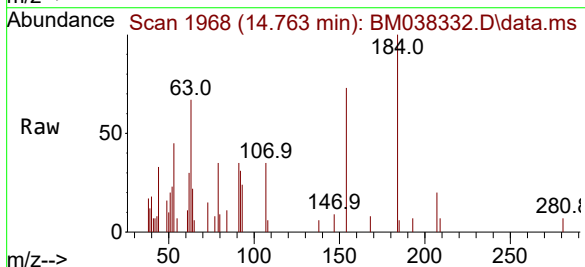
Instrument :
BNA_M
ClientSampleId :
SSTD005012

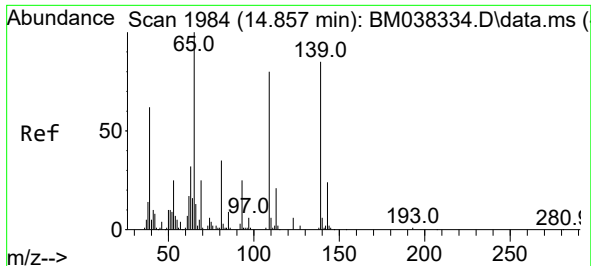
Tgt Ion:153 Resp: 53907
Ion Ratio Lower Upper
153 100
152 44.8 38.5 57.7
154 85.4 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 4.517 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:184 Resp: 5474
Ion Ratio Lower Upper
184 100
63 66.8 53.2 79.8
154 73.1 48.8 73.2

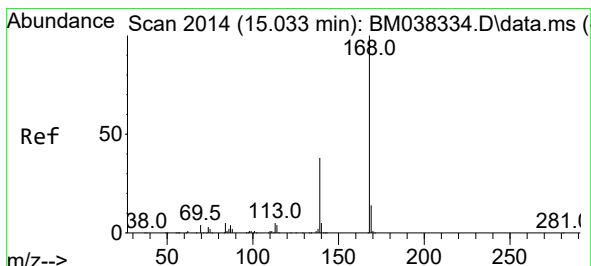
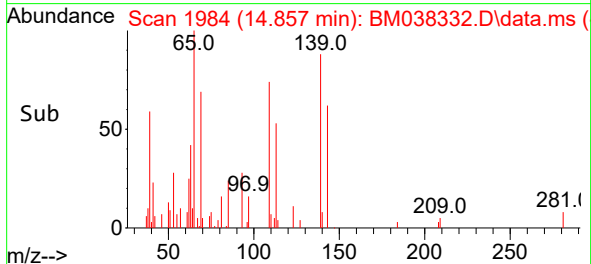
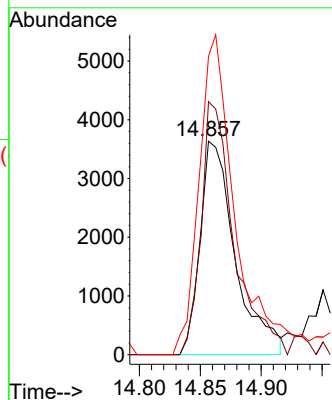
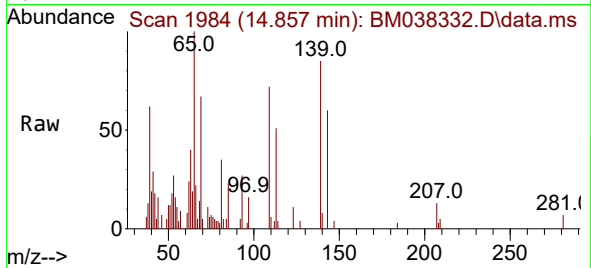




#55
4-Nitrophenol
Concen: 5.034 ng/ul
RT: 14.857 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

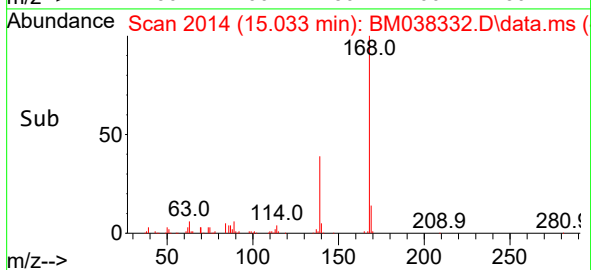
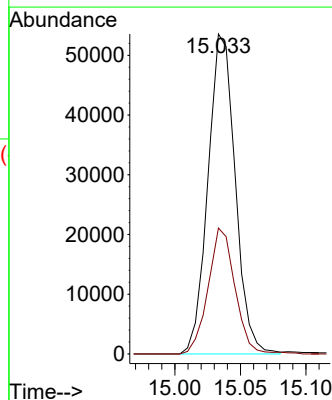
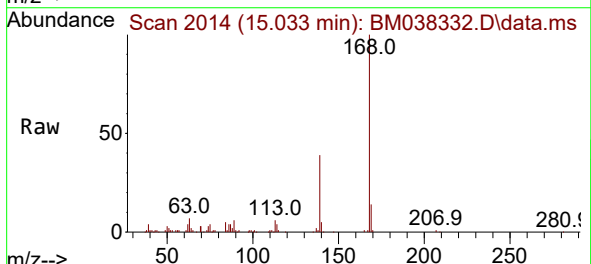
Instrument :
BNA_M
ClientSampleId :
SSTD005012

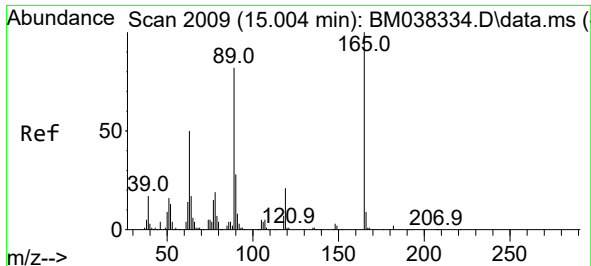
Tgt Ion:109 Resp: 7290
Ion Ratio Lower Upper
109 100
139 118.6 85.0 127.4
65 139.8 101.0 151.4



#56
Dibenzofuran
Concen: 4.738 ng/ul
RT: 15.033 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:168 Resp: 77480
Ion Ratio Lower Upper
168 100
139 39.4 30.4 45.6





#57

2,4-Dinitrotoluene

Concen: 4.756 ng/ul

RT: 15.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

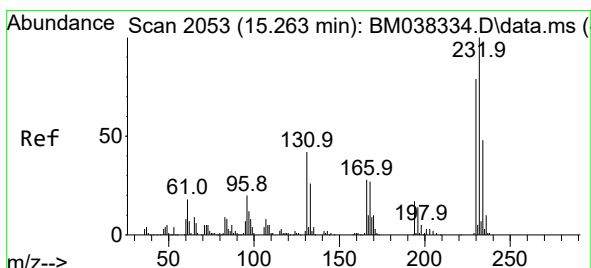
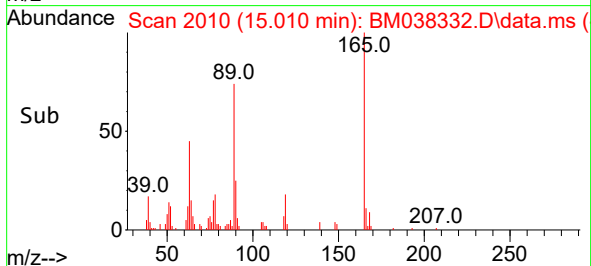
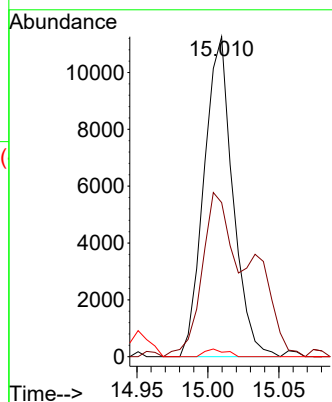
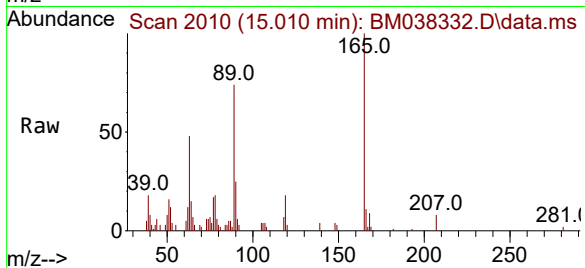
Tgt Ion:165 Resp: 15907

Ion Ratio Lower Upper

165 100

63 48.2 40.4 60.6

182 1.4 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 5.562 ng/ul

RT: 15.263 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Tgt Ion:232 Resp: 17552

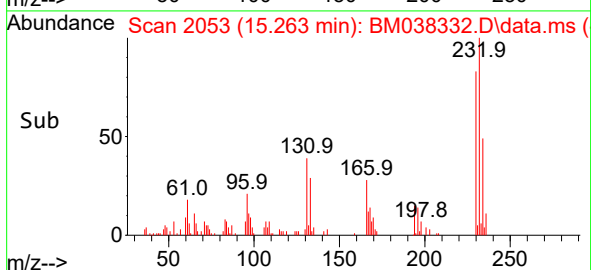
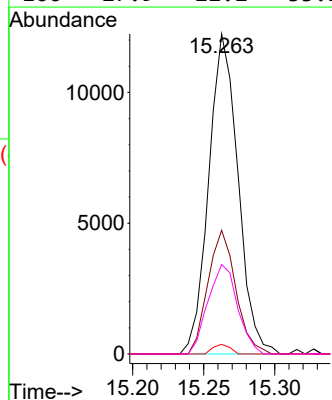
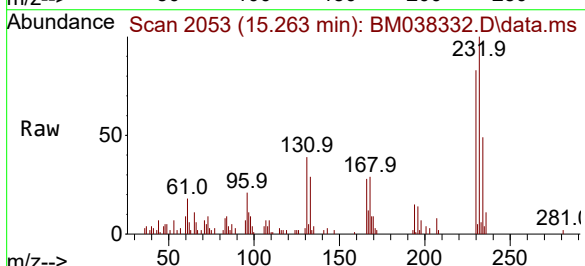
Ion Ratio Lower Upper

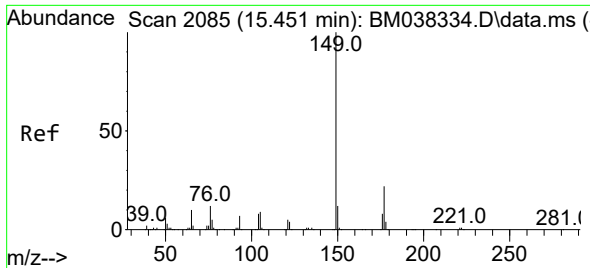
232 100

131 38.6 33.4 50.0

130 3.0 1.6 2.4#

166 27.9 22.2 33.2

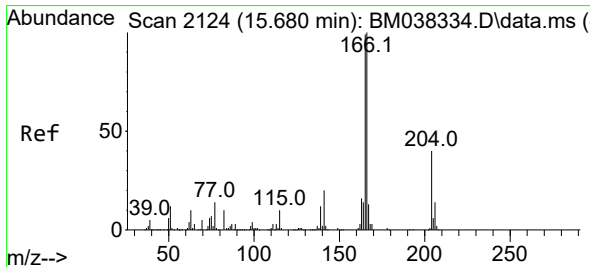
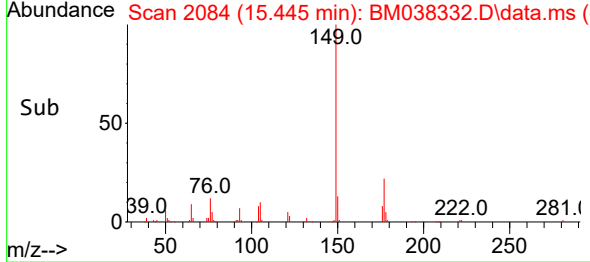
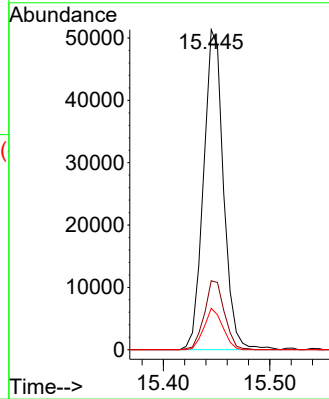
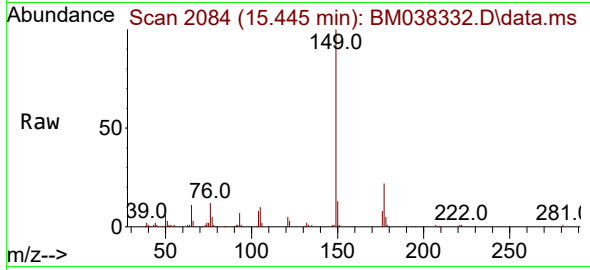




#59
Diethylphthalate
Concen: 5.285 ng/ul
RT: 15.445 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

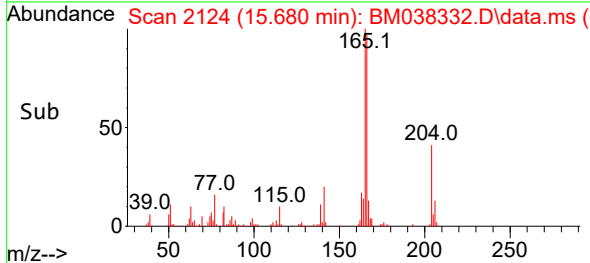
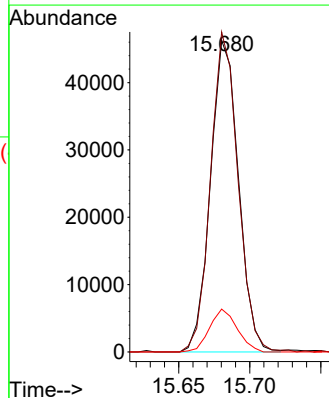
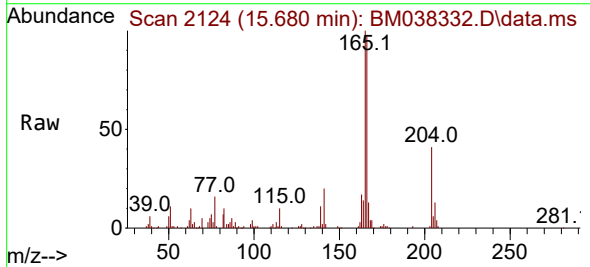
Instrument :
BNA_M
ClientSampleId :
SSTD005012

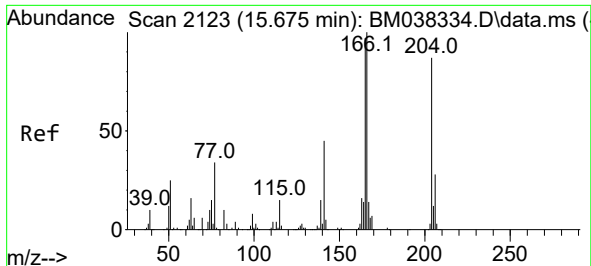
Tgt Ion:149 Resp: 66942
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.9 9.6 14.4



#61
Fluorene
Concen: 4.760 ng/ul
RT: 15.680 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:166 Resp: 63476
Ion Ratio Lower Upper
166 100
165 102.6 78.9 118.3
167 13.7 10.3 15.5





#62

4-Chlorophenyl-phenylether

Concen: 5.457 ng/ul

RT: 15.674 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

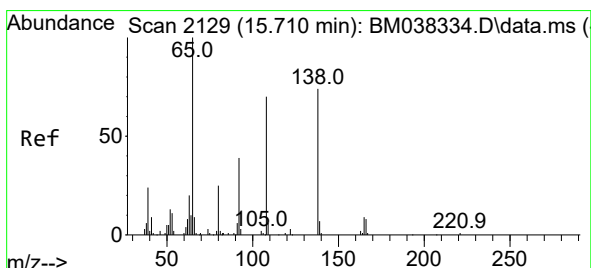
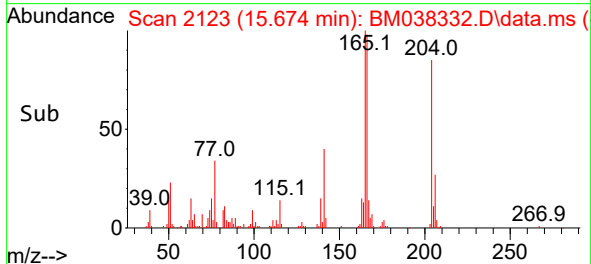
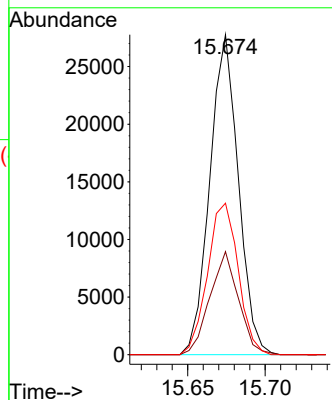
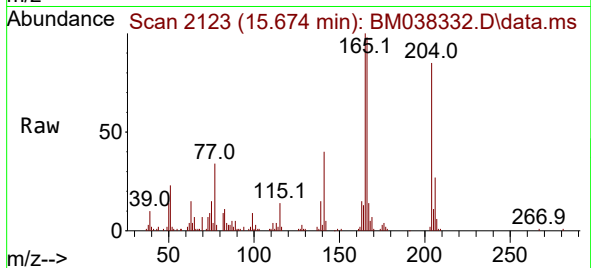
Tgt Ion:204 Resp: 35568

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.4

141 47.3 41.2 61.8



#63

4-Nitroaniline

Concen: 2.925 ng/ul

RT: 15.710 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

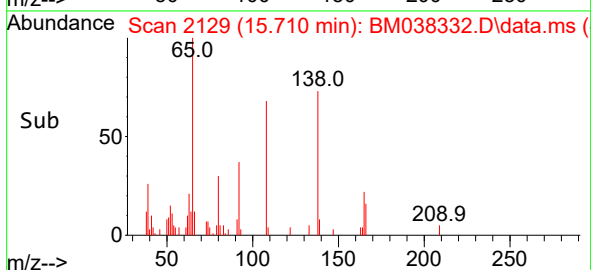
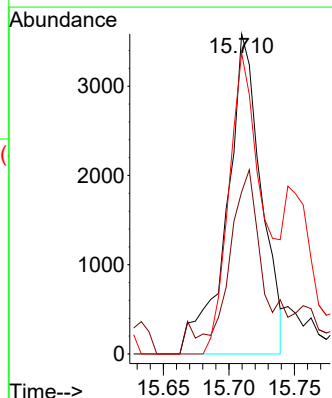
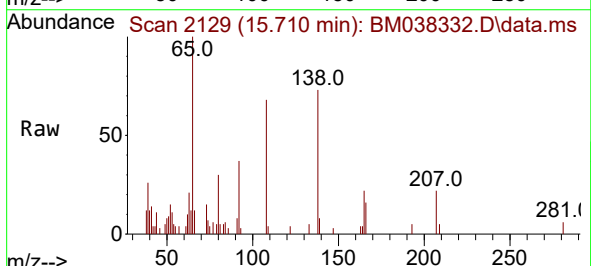
Tgt Ion:138 Resp: 6534

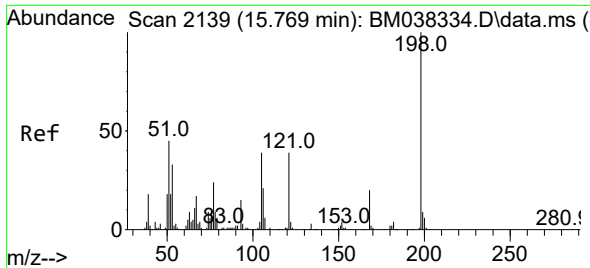
Ion Ratio Lower Upper

138 100

92 50.6 42.6 63.8

108 94.1 75.0 112.6

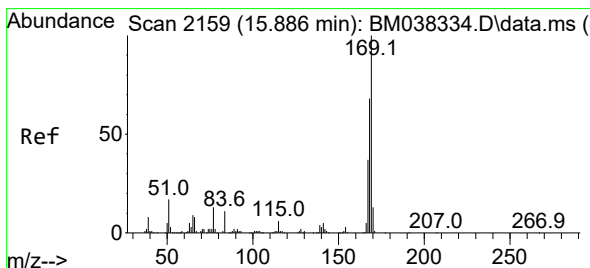
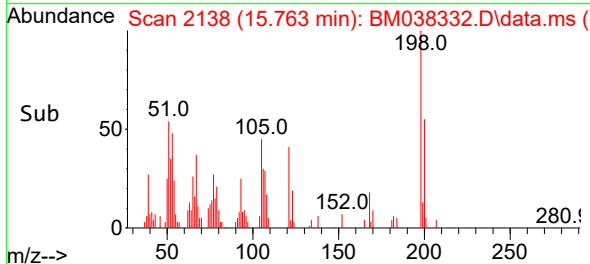
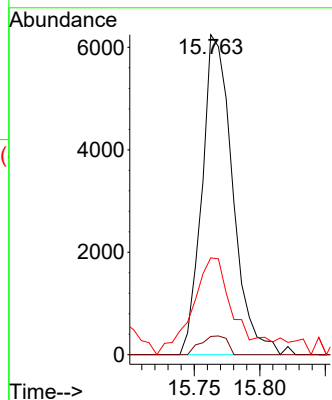
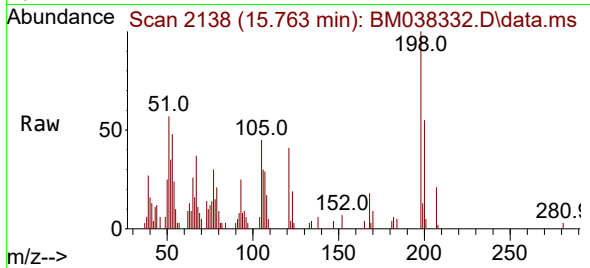




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.745 ng/ul
 RT: 15.763 min Scan# 2138
 Delta R.T. -0.006 min
 Lab File: BM038332.D
 Acq: 28 Dec 2022 17:10

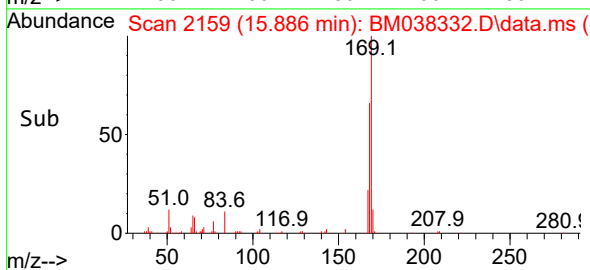
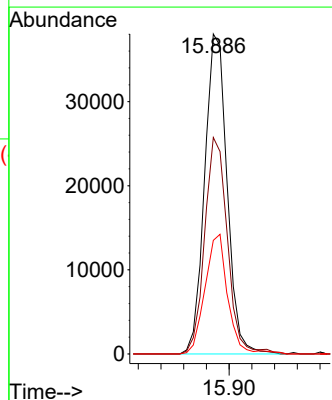
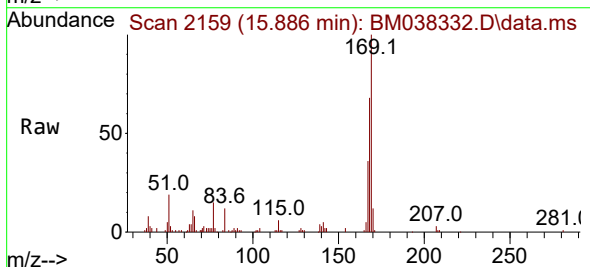
Instrument :
 BNA_M
 ClientSampleId :
 SSTD005012

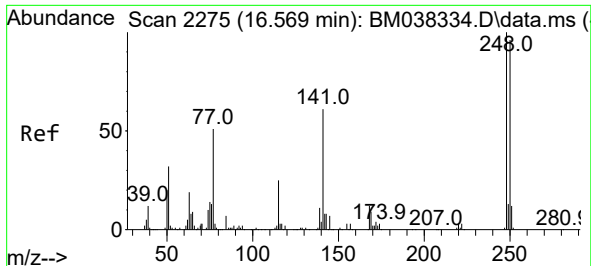
Tgt Ion:198 Resp: 10154
 Ion Ratio Lower Upper
 198 100
 182 5.7 3.1 4.7#
 77 30.2 20.4 30.6



#67
 N-Nitrosodiphenylamine
 Concen: 4.186 ng/ul
 RT: 15.886 min Scan# 2159
 Delta R.T. -0.000 min
 Lab File: BM038332.D
 Acq: 28 Dec 2022 17:10

Tgt Ion:169 Resp: 52211
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.7 82.1
 167 35.5 30.0 45.0

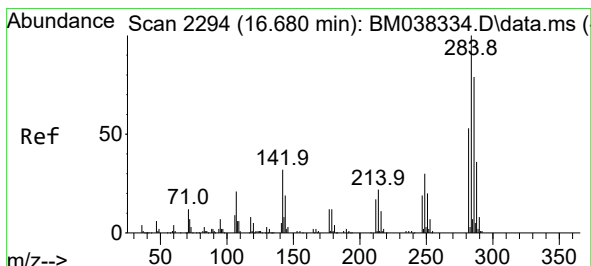
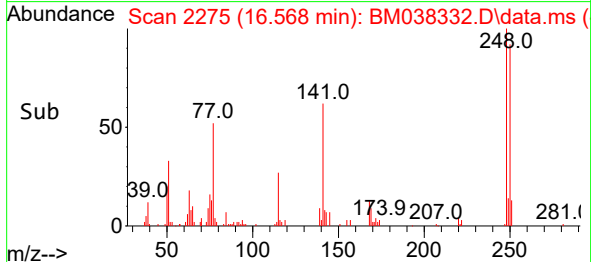
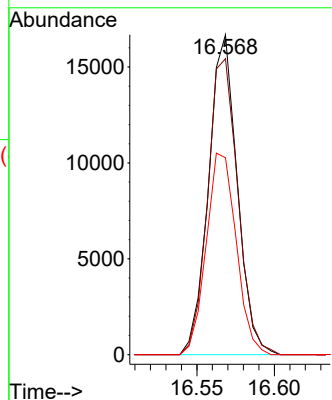
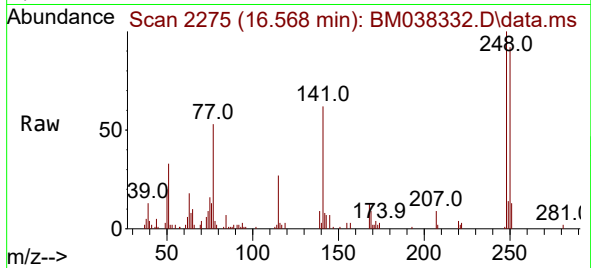




#68
4-Bromophenyl-phenylether
Concen: 4.746 ng/ul
RT: 16.568 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

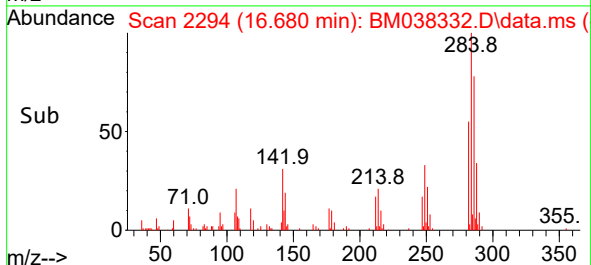
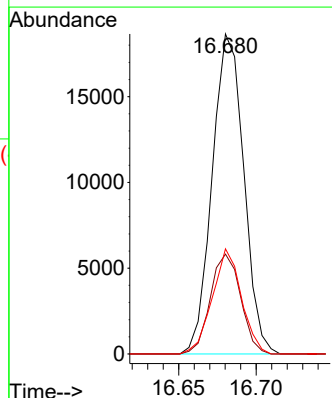
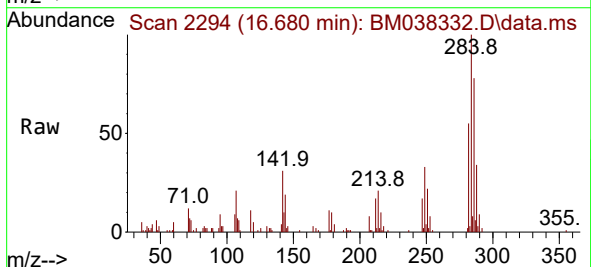
Instrument :
BNA_M
ClientSampleId :
SSTD005012

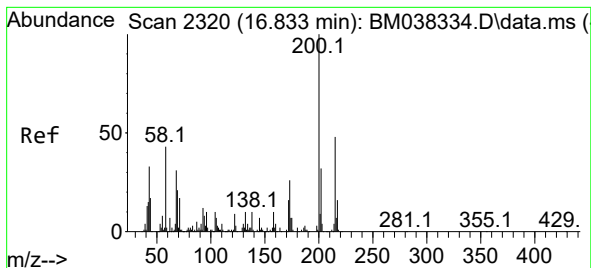
Tgt Ion:248 Resp: 21511
Ion Ratio Lower Upper
248 100
250 92.5 76.9 115.3
141 61.6 48.4 72.6



#69
Hexachlorobenzene
Concen: 4.882 ng/ul
RT: 16.680 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:284 Resp: 26412
Ion Ratio Lower Upper
284 100
142 31.2 25.3 37.9
249 32.9 24.2 36.4





#70

Atrazine

Concen: 4.823 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

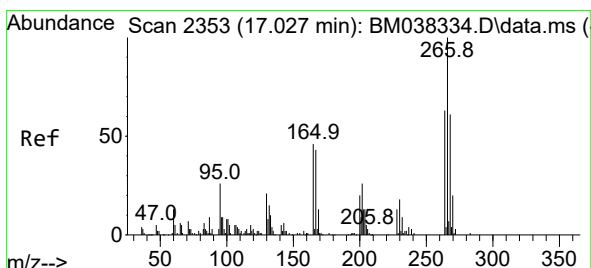
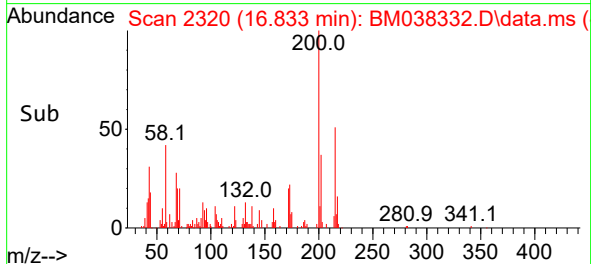
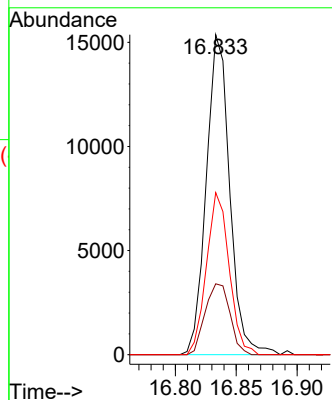
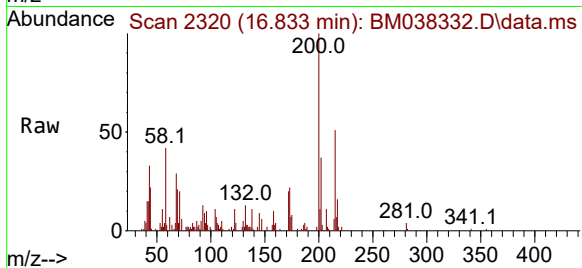
Tgt Ion:200 Resp: 20557

Ion Ratio Lower Upper

200 100

173 22.1 20.5 30.7

215 50.7 38.3 57.5



#71

Pentachlorophenol

Concen: 4.297 ng/ul

RT: 17.033 min Scan# 2354

Delta R.T. 0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

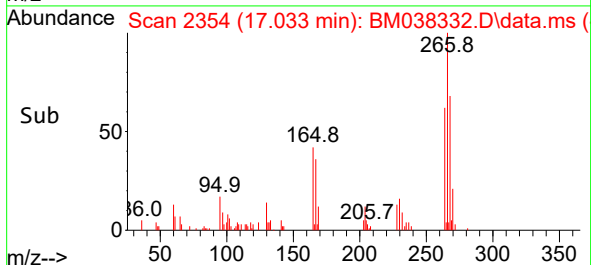
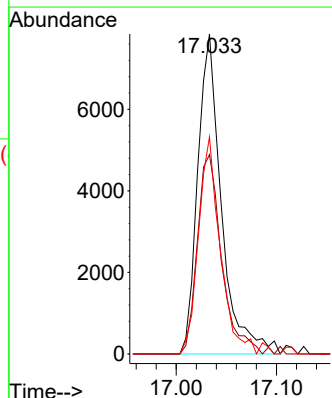
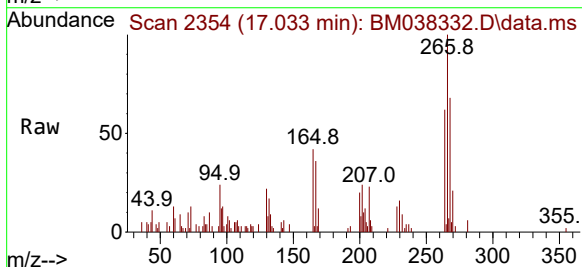
Tgt Ion:266 Resp: 12924

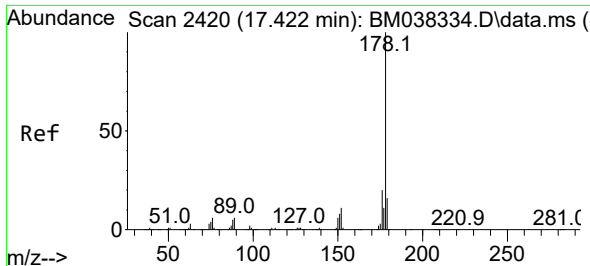
Ion Ratio Lower Upper

266 100

264 62.3 50.6 76.0

268 67.8 49.0 73.6

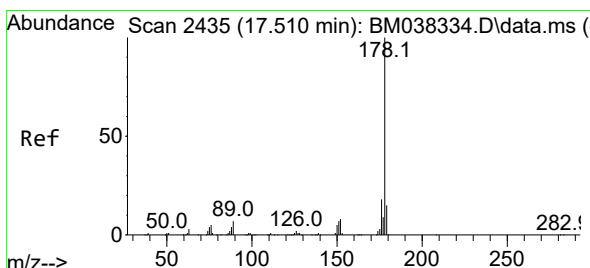
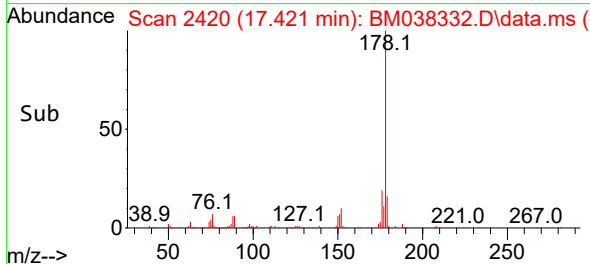
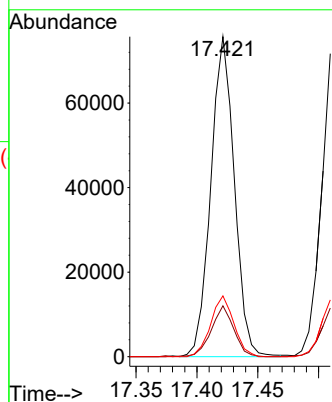
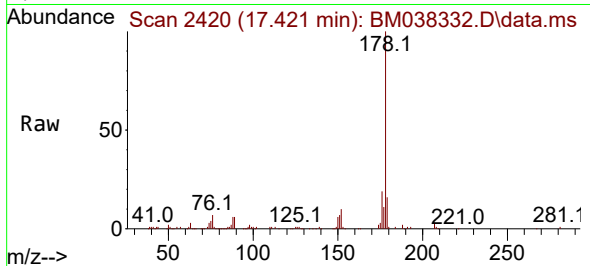




#72
Phenanthrene
Concen: 4.513 ng/ul
RT: 17.421 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

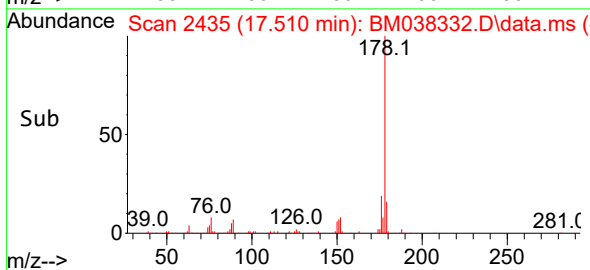
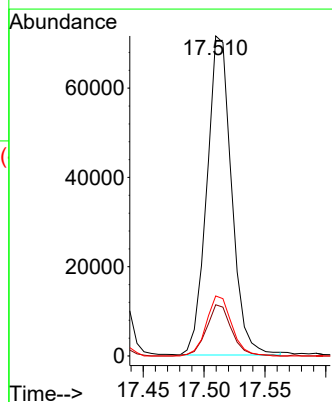
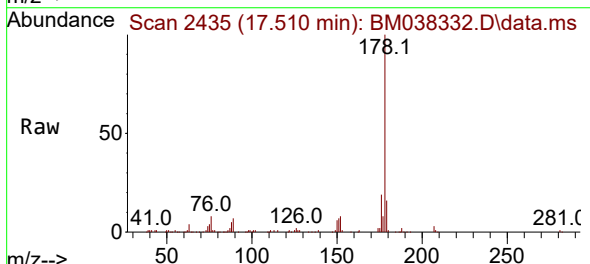
Instrument :
BNA_M
ClientSampleId :
SSTD005012

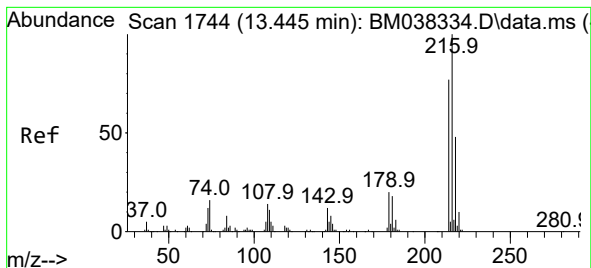
Tgt Ion:178 Resp: 101905
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.0 15.7 23.5



#74
Anthracene
Concen: 4.405 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:178 Resp: 101088
Ion Ratio Lower Upper
178 100
179 16.0 12.0 18.0
176 18.7 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.658 ng/uL

RT: 13.445 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

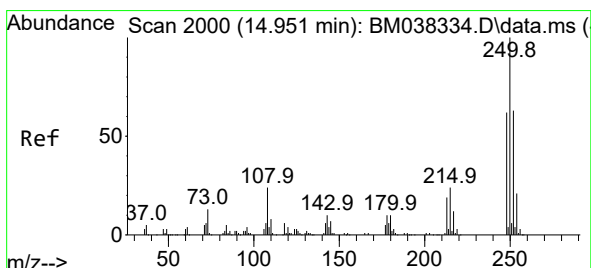
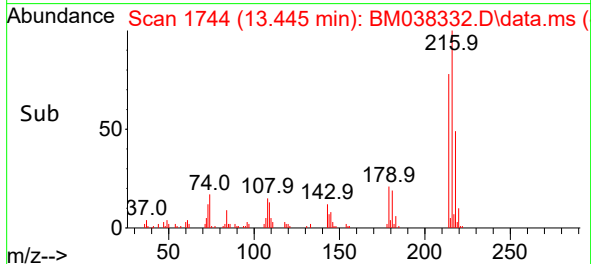
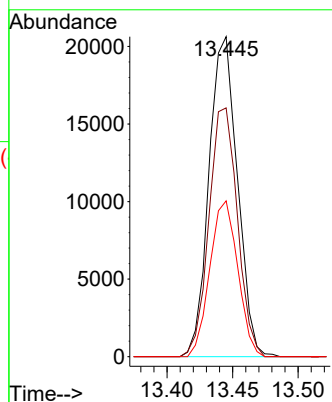
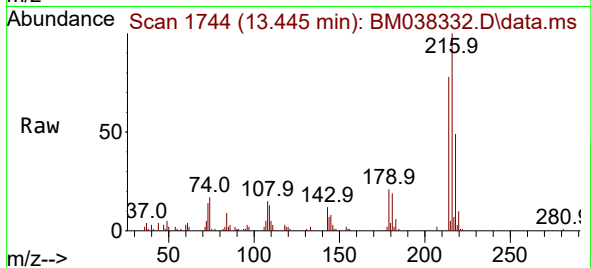
Tgt Ion:216 Resp: 31137

Ion Ratio Lower Upper

216 100

214 77.7 61.4 92.2

218 48.7 38.3 57.5



#76

Pentachlorobenzene

Concen: 4.586 ng/uL

RT: 14.957 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

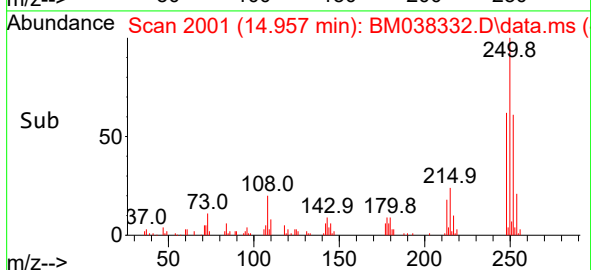
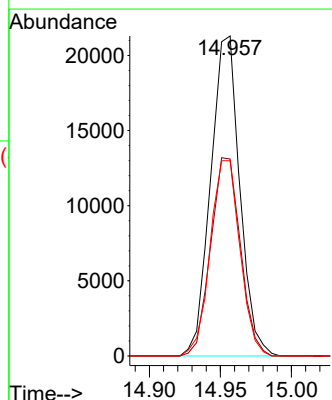
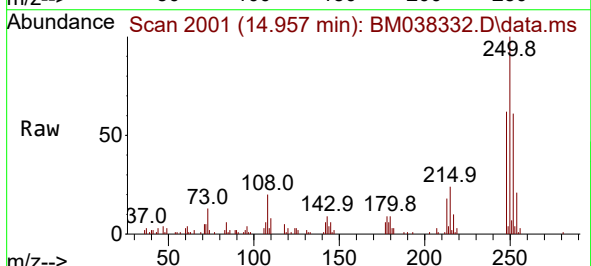
Tgt Ion:250 Resp: 30365

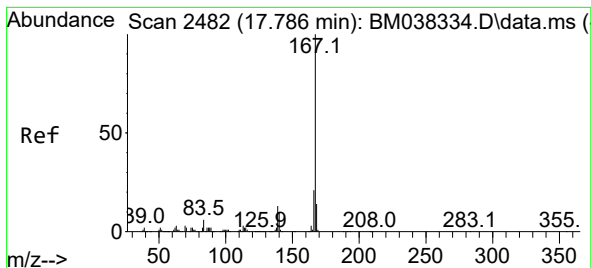
Ion Ratio Lower Upper

250 100

248 61.6 49.3 73.9

252 64.9 50.8 76.2





#77

Carbazole

Concen: 4.125 ng/ul

RT: 17.786 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

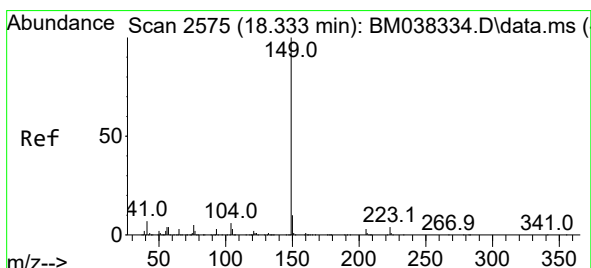
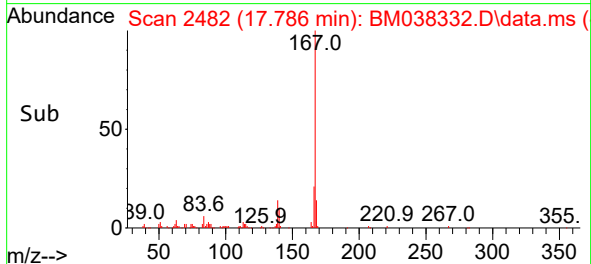
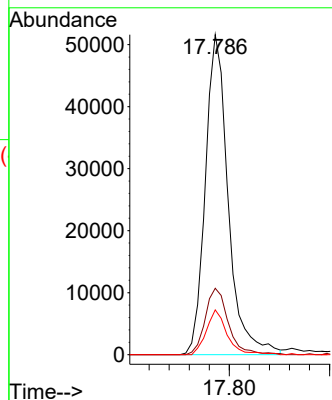
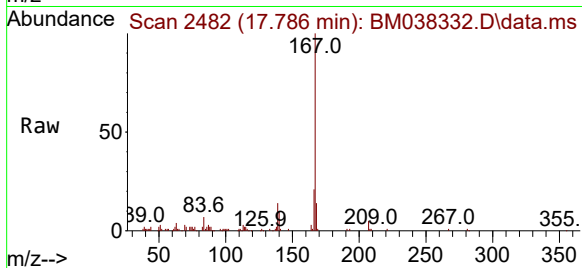
Tgt Ion:167 Resp: 82006

Ion Ratio Lower Upper

167 100

166 20.7 17.2 25.8

139 14.0 10.2 15.4



#78

Di-n-butylphthalate

Concen: 4.712 ng/ul

RT: 18.333 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

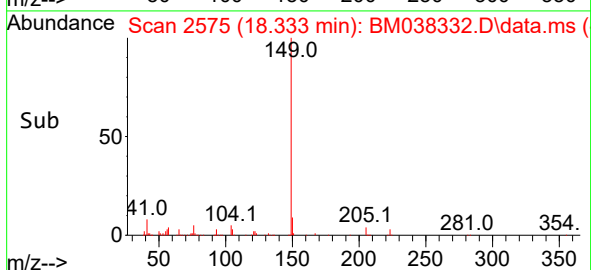
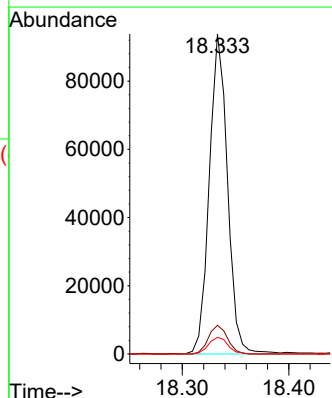
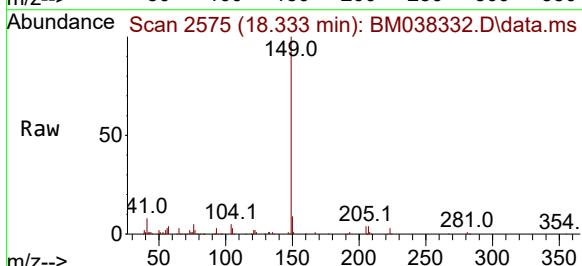
Tgt Ion:149 Resp: 111352

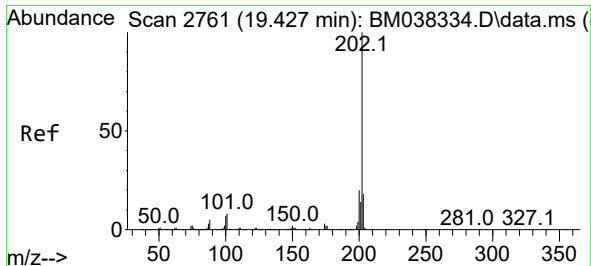
Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

104 5.2 4.6 6.8

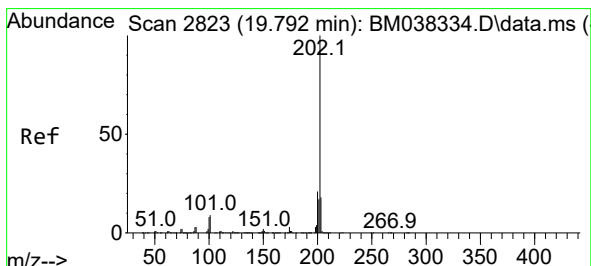
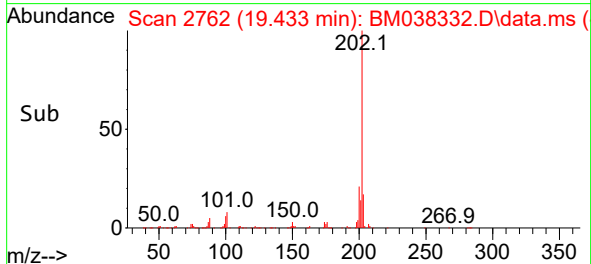
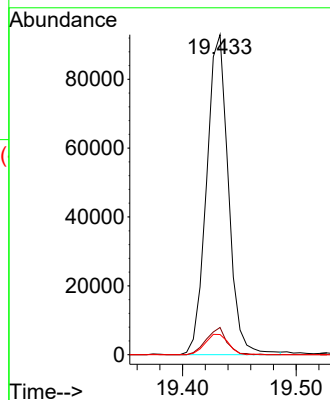
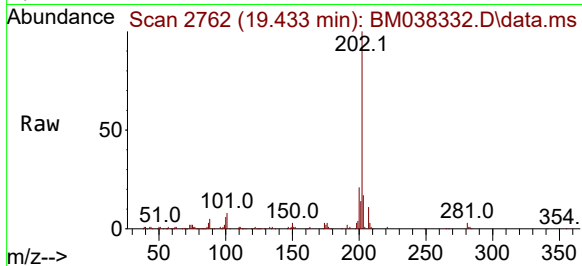




#80
Fluoranthene
Concen: 4.044 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

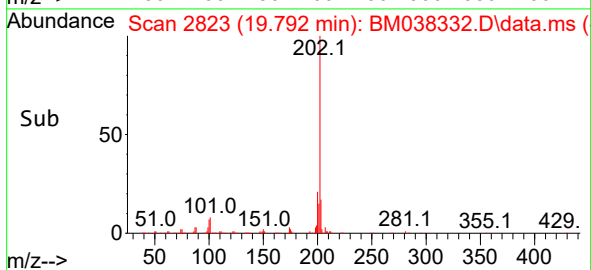
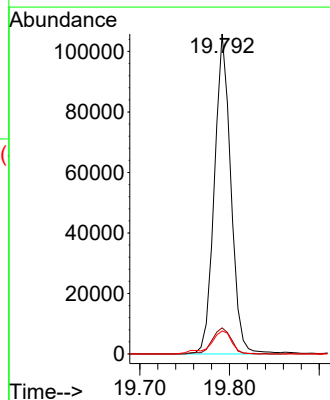
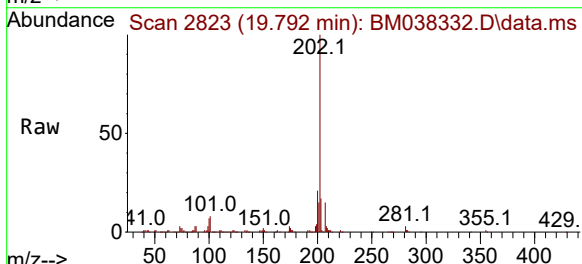
Instrument :
BNA_M
ClientSampleId :
SSTD005012

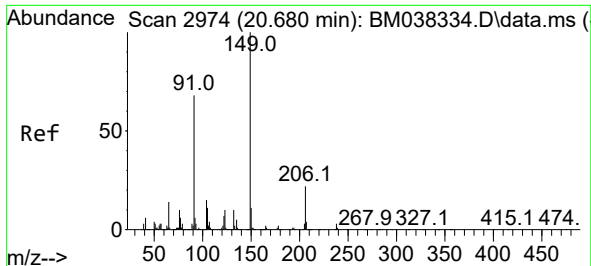
Tgt Ion:202 Resp: 124024
Ion Ratio Lower Upper
202 100
101 8.5 6.4 9.6
100 6.3 5.4 8.2



#82
Pyrene
Concen: 4.229 ng/ul
RT: 19.792 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:202 Resp: 134983
Ion Ratio Lower Upper
202 100
101 8.2 7.5 11.3
100 7.2 6.5 9.7

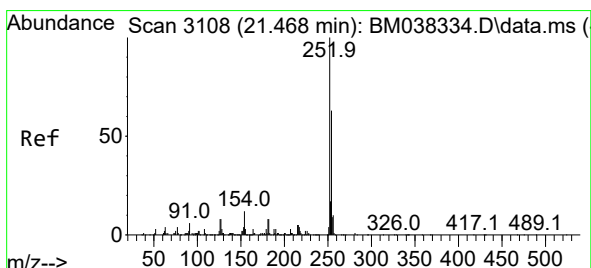
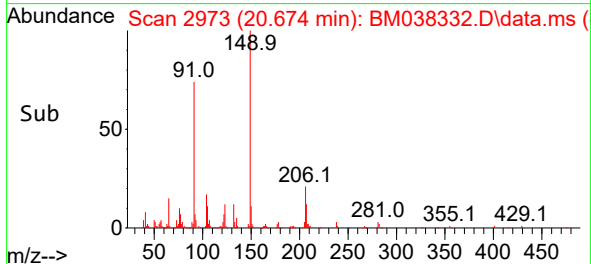
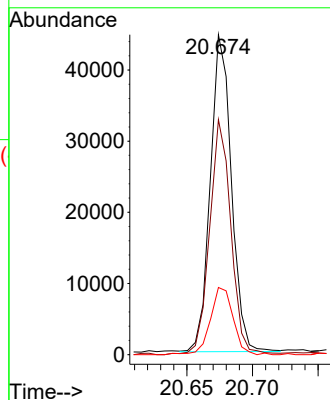
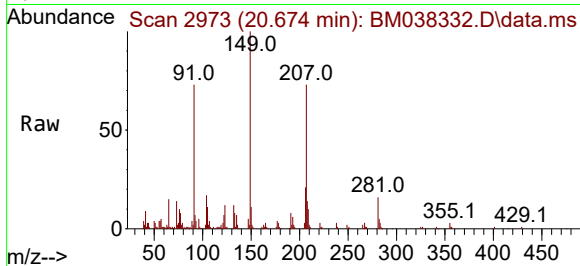




#83
Butylbenzylphthalate
Concen: 4.190 ng/ul
RT: 20.674 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

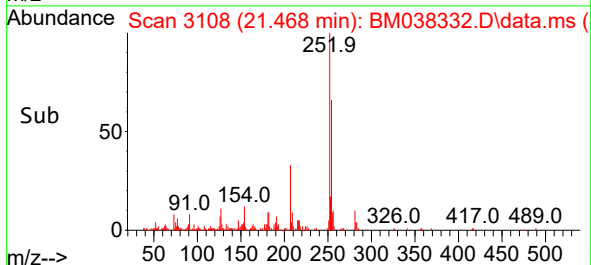
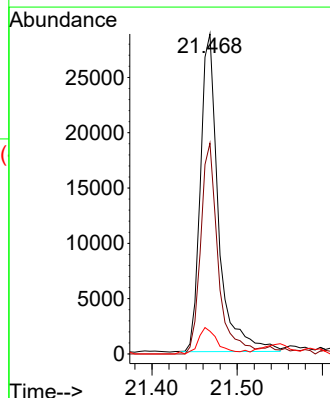
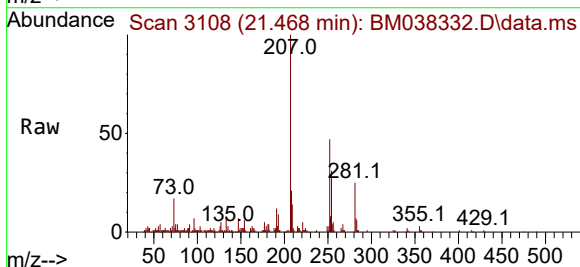
Instrument :
BNA_M
ClientSampleId :
SSTD005012

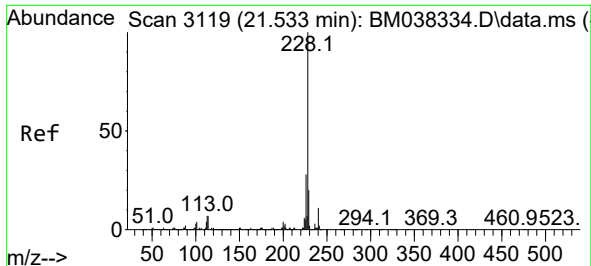
Tgt Ion:149 Resp: 49725
Ion Ratio Lower Upper
149 100
91 73.5 54.3 81.5
206 21.0 17.6 26.4



#84
3,3'-Dichlorobenzidine
Concen: 4.945 ng/ul
RT: 21.468 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:252 Resp: 42334
Ion Ratio Lower Upper
252 100
254 65.9 50.8 76.2
126 7.1 6.1 9.1



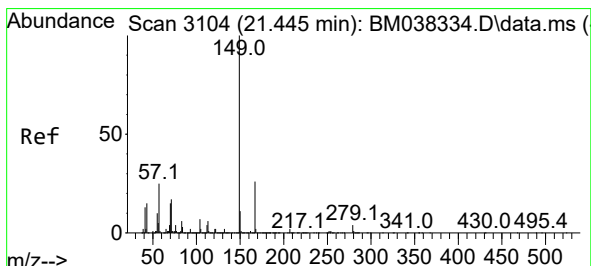
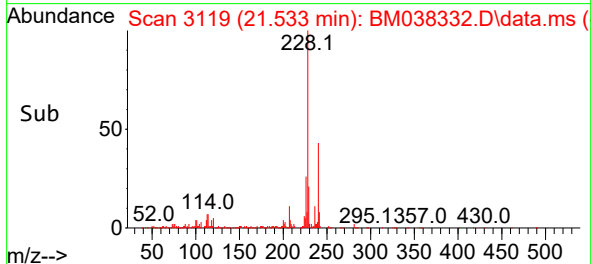
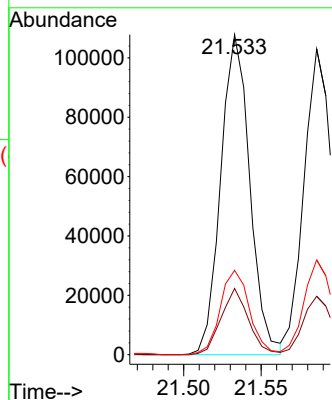
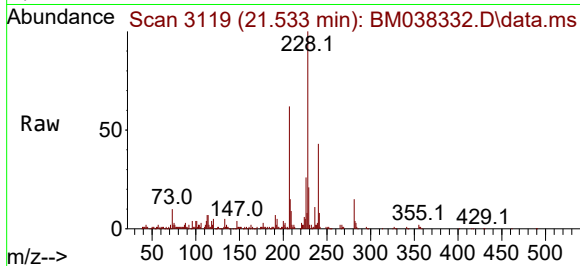


#85
Benzo(a)anthracene
Concen: 4.836 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Instrument :
BNA_M
ClientSampleId :
SSTD005012

Tgt Ion:228 Resp: 140853

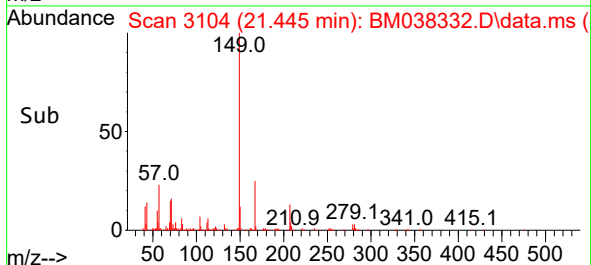
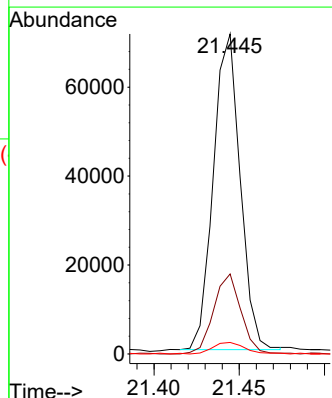
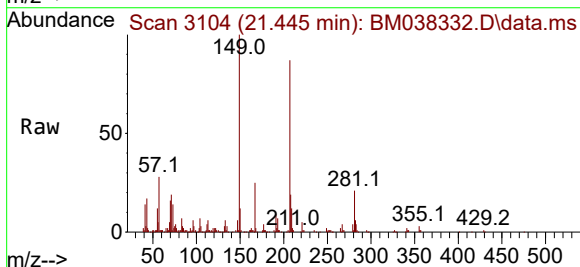
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	26.4	22.1	33.1

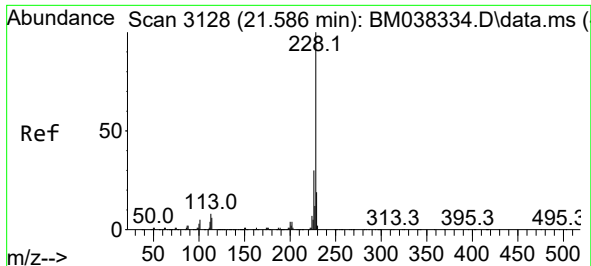


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.503 ng/ul
RT: 21.445 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:149 Resp: 77753

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.6
279	3.6	3.4	5.0





#87

Chrysene

Concen: 5.010 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

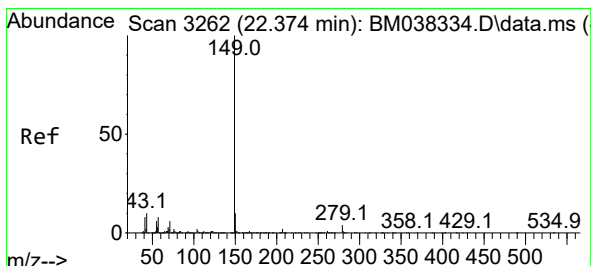
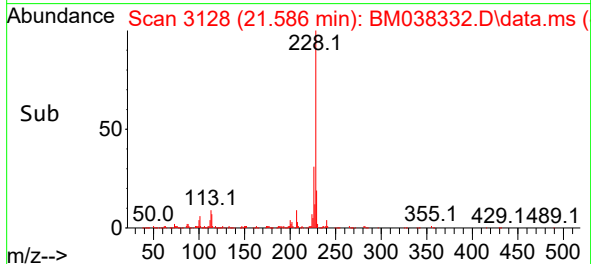
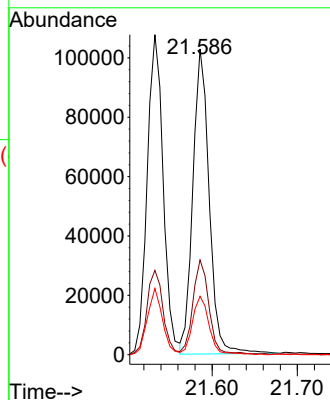
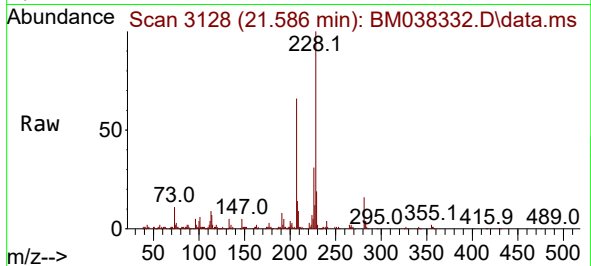
Tgt Ion:228 Resp: 136910

Ion Ratio Lower Upper

228 100

226 31.0 23.7 35.5

229 19.1 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 4.357 ng/ul

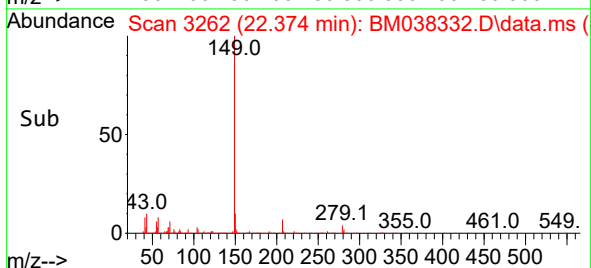
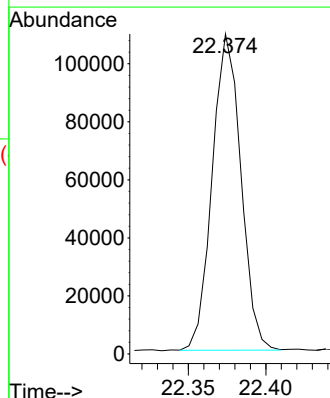
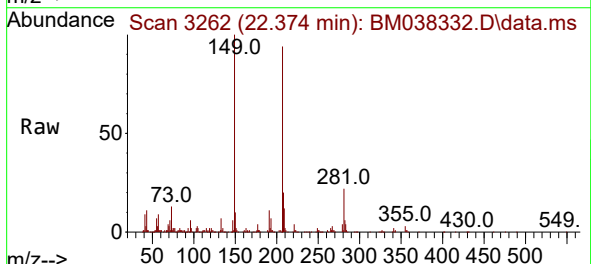
RT: 22.374 min Scan# 3262

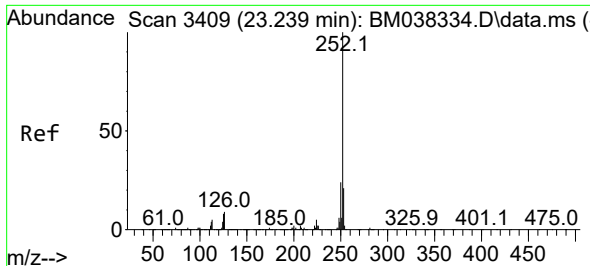
Delta R.T. -0.000 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Tgt Ion:149 Resp: 140142

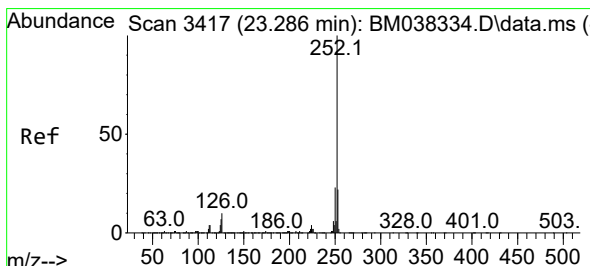
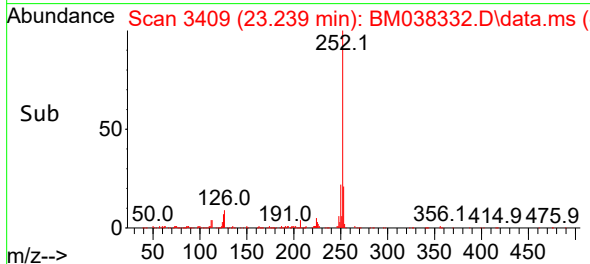
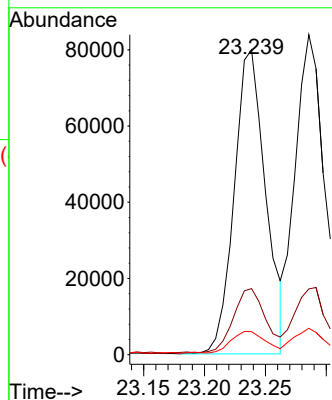
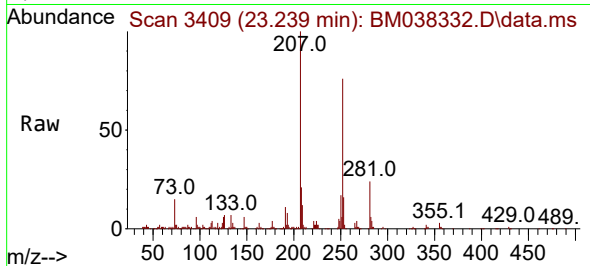




#90
Benzo(b)fluoranthene
Concen: 4.599 ng/ul
RT: 23.239 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

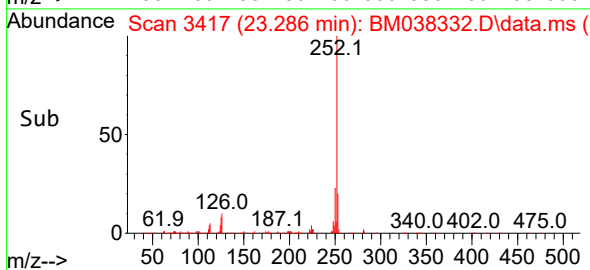
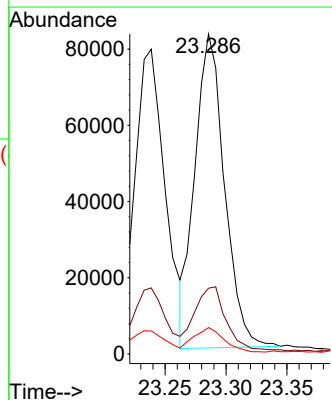
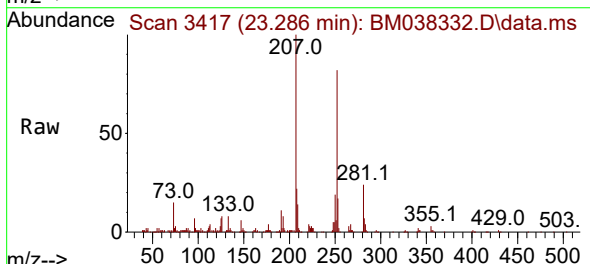
Instrument :
BNA_M
ClientSampleId :
SSTD005012

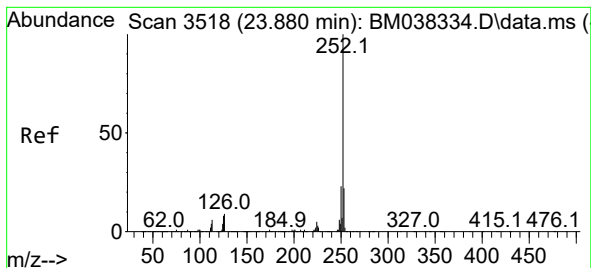
Tgt Ion:252 Resp: 143137
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 7.6 6.1 9.1



#91
Benzo(k)fluoranthene
Concen: 4.623 ng/ul
RT: 23.286 min Scan# 3417
Delta R.T. -0.000 min
Lab File: BM038332.D
Acq: 28 Dec 2022 17:10

Tgt Ion:252 Resp: 139420
Ion Ratio Lower Upper
252 100
253 20.5 17.7 26.5
125 8.2 5.7 8.5





#93

Benzo(a)pyrene

Concen: 4.634 ng/ul

RT: 23.874 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

Instrument :

BNA_M

ClientSampleId :

SSTD005012

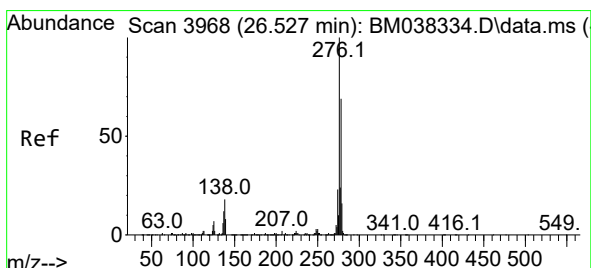
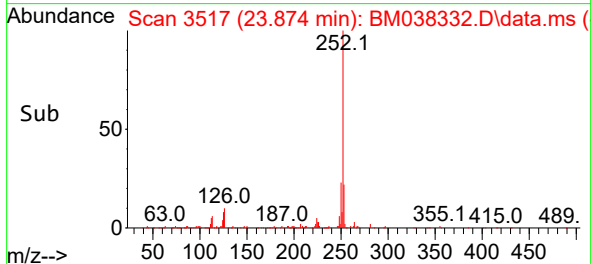
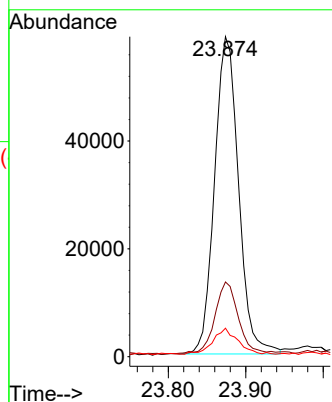
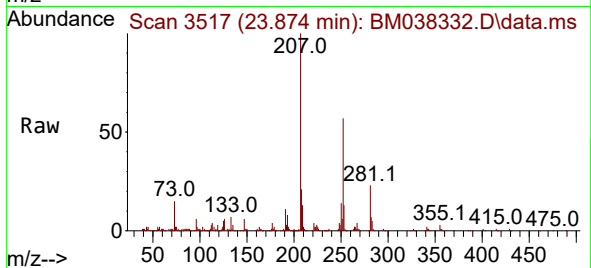
Tgt Ion:252 Resp: 126820

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 8.9 6.4 9.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.579 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. -0.006 min

Lab File: BM038332.D

Acq: 28 Dec 2022 17:10

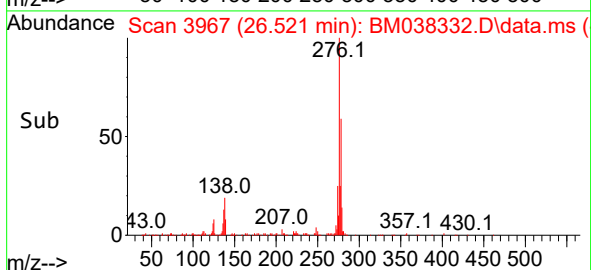
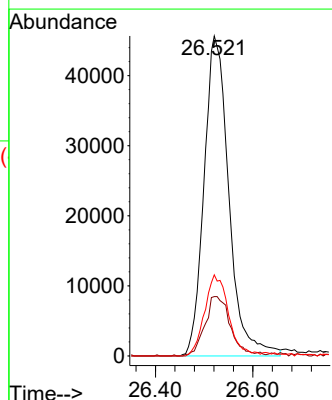
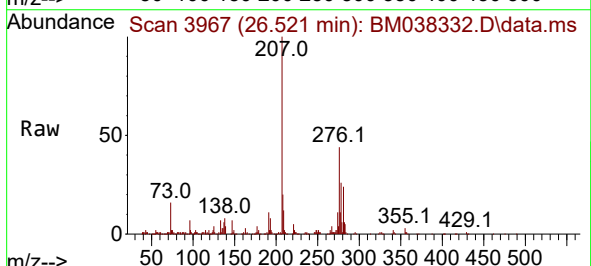
Tgt Ion:276 Resp: 161395

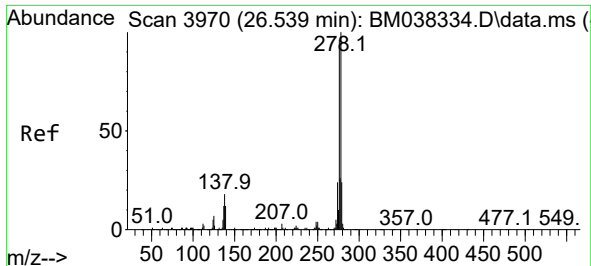
Ion Ratio Lower Upper

276 100

138 18.5 14.4 21.6

277 25.4 19.2 28.8

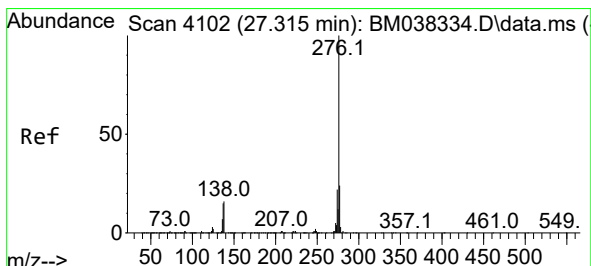
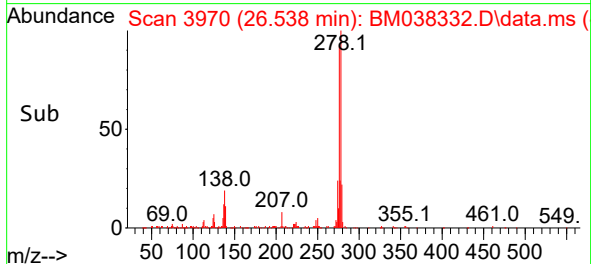
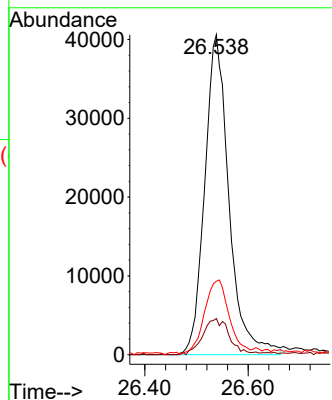
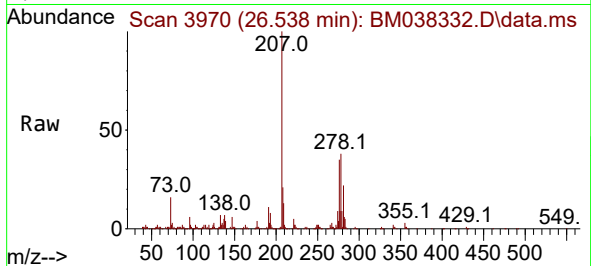




#95
 Dibenzo(a,h)anthracene
 Concen: 4.446 ng/ul
 RT: 26.538 min Scan# 3970
 Delta R.T. -0.000 min
 Lab File: BM038332.D
 Acq: 28 Dec 2022 17:10

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005012

Tgt Ion:278 Resp: 132110
 Ion Ratio Lower Upper
 278 100
 139 11.3 9.4 14.0
 279 22.9 19.0 28.4



#96
 Benzo(g,h,i)perylene
 Concen: 4.777 ng/ul
 RT: 27.309 min Scan# 4101
 Delta R.T. -0.006 min
 Lab File: BM038332.D
 Acq: 28 Dec 2022 17:10

Tgt Ion:276 Resp: 134415
 Ion Ratio Lower Upper
 276 100
 138 15.3 13.0 19.4
 277 22.8 19.6 29.4

