

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043311.D
 Acq On : 13 Dec 2023 21:01
 Operator : MA/JU
 Sample : 05690-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH7MS

Quant Time: Dec 13 22:34:25 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	7.998	152	336902	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1517065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	852941	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1606889	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.539	240	1078275	20.000	ng/u1	# 0.00
88) Perylene-d12	23.962	264	985345	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	52092	6.068	ng/uL	0.00
4) Pyridine-d5	3.816	84	630728	24.763	ng/u1	0.00
7) Phenol-d5	7.163	99	1246316	37.262	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	782154	37.775	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	956397	37.509	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	970355	36.671	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	487682	37.715	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	515445	41.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	961510	34.597	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	1000167	25.011	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2682842	35.882	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	3205811	37.061	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	508722	37.971	ng/u1	0.00
60) Fluorene-d10	15.616	176	2315589	35.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	199936	22.607	ng/u1	0.00
73) Anthracene-d10	17.468	188	3356185	38.606	ng/u1	0.00
81) Pyrene-d10	19.751	212	3275048	47.469	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	2243092	39.013	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	120514	12.781	ng/uL	91
5) Pyridine	3.834	79	812821	31.050	ng/u1	100
6) Benzaldehyde	7.145	77	667127	38.753	ng/u1	98
8) Phenol	7.187	94	1371541	41.464	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.434	93	1062778	39.848	ng/u1	100
12) 2-Chlorophenol	7.563	128	1037540	40.109	ng/u1	99
13) 2-Methylphenol	8.445	108	994396	38.876	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1830696	41.285	ng/u1	99
16) Acetophenone	8.834	105	1753295	41.225	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.822	70	874641	37.520	ng/u1	99
18) 4-Methylphenol	8.781	108	1094197	39.426	ng/u1	98
19) Hexachloroethane	9.075	117	439959	40.125	ng/u1	84
22) Nitrobenzene	9.216	77	1281013	41.204	ng/u1	98
23) Isophorone	9.739	82	2482799	37.479	ng/u1	98
25) 2-Nitrophenol	9.922	139	581815	42.575	ng/u1	95
26) 2,4-Dimethylphenol	9.981	107	816281	30.466	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.228	93	1479735	37.992	ng/u1	99
29) 2,4-Dichlorophenol	10.457	162	980789	36.360	ng/u1	97
30) Naphthalene	10.857	128	3780075	40.595	ng/u1	99
32) 4-Chloroaniline	10.975	127	939174	24.899	ng/u1	99
33) Hexachlorobutadiene	11.128	225	512426	30.487	ng/u1	99
34) Caprolactam	11.763	113	273563	34.108	ng/u1	88
35) 4-Chloro-3-methylphenol	12.092	107	1127668	39.812	ng/u1	97
36) 2-Methylnaphthalene	12.463	142	2543007	37.959	ng/u1	100

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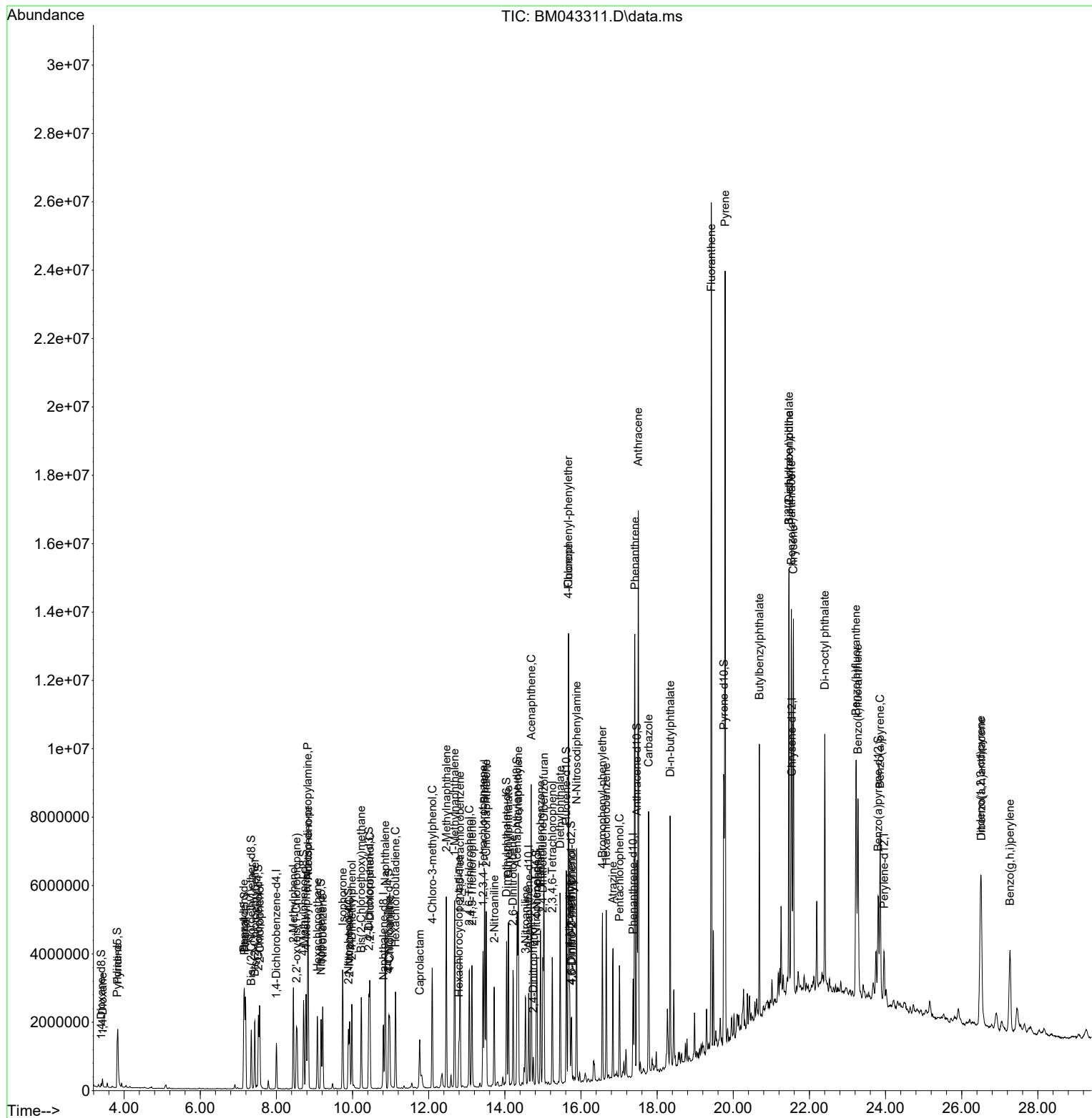
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	2483867	36.528	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	1016234	35.216	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	311350	19.015	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	721914	40.203	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	788081	40.324	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	3100425	41.091	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2343694	40.071	ng/ul	97
45) 2-Nitroaniline	13.722	65	798384	51.656	ng/ul	95
47) Dimethylphthalate	14.092	163	2812676	38.355	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	584695	43.275	ng/ul	92
50) Acenaphthylene	14.351	152	4078580	41.718	ng/ul	99
51) 3-Nitroaniline	14.545	138	599451	39.992	ng/ul	93
52) Acenaphthene	14.692	153	3305665	51.261	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	133281	21.488	ng/ul#	83
55) 4-Nitrophenol	14.845	109	450626	46.516	ng/ul	93
56) Dibenzofuran	15.027	168	3907884	44.363	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	848862	44.002	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.245	232	589794	36.306	ng/ul#	84
59) Diethylphthalate	15.451	149	3072001	41.647	ng/ul	97
61) Fluorene	15.674	166	3634062	47.657	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1322501	35.105	ng/ul#	90
63) 4-Nitroaniline	15.704	138	685482	45.515	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	235521	24.355	ng/ul#	86
67) N-Nitrosodiphenylamine	15.886	169	2389342	44.340	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	760367	39.131	ng/ul	93
69) Hexachlorobenzene	16.662	284	872587	37.846	ng/ul#	89
70) Atrazine	16.839	200	540410	35.562	ng/ul	96
71) Pentachlorophenol	17.010	266	466280	34.346	ng/ul	98
72) Phenanthrene	17.415	178	7881122	78.652	ng/ul	99
74) Anthracene	17.504	178	9605027	95.159	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.427	216	1028409	40.454	ng/ul	99
76) Pentachlorobenzene	14.939	250	1013460	39.229	ng/ul	99
77) Carbazole	17.774	167	4442115	53.576	ng/ul	98
78) Di-n-butylphthalate	18.345	149	5476561	50.781	ng/ul	99
80) Fluoranthene	19.421	202	12841860	162.259	ng/ul#	88
82) Pyrene	19.786	202	12274538	149.093	ng/ul#	93
83) Butylbenzylphthalate	20.686	149	2222139	67.855	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	674666	26.327	ng/ul#	99
85) Benzo(a)anthracene	21.527	228	5200991	62.910	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	3248402	62.838	ng/ul	99
87) Chrysene	21.580	228	5375520	72.800	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	4920031	72.592	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	5034104	71.605	ng/ul#	95
91) Benzo(k)fluoranthene	23.274	252	3789980	54.127	ng/ul#	97
93) Benzo(a)pyrene	23.856	252	3549180	54.617	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.497	276	3895816	52.632	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.515	278	2857425	46.168	ng/ul#	95
96) Benzo(g,h,i)perylene	27.268	276	2922106	52.398	ng/ul#	92

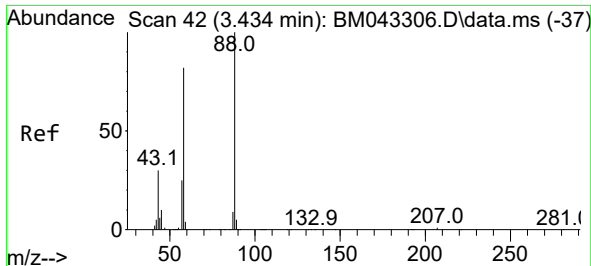
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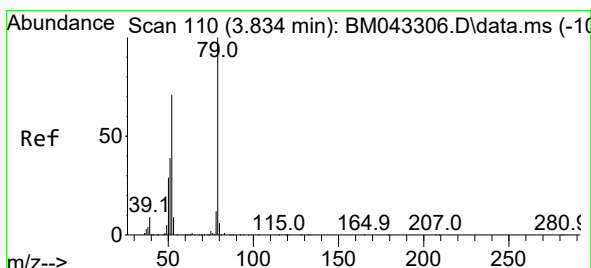
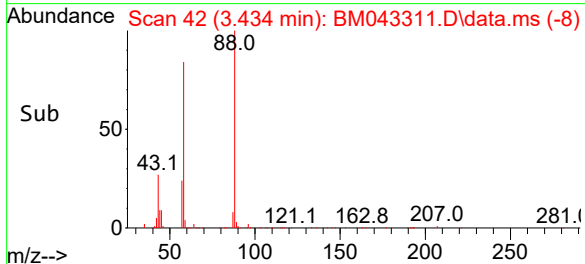
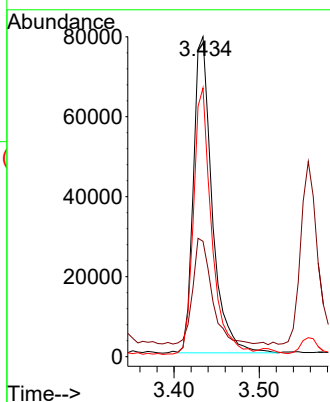
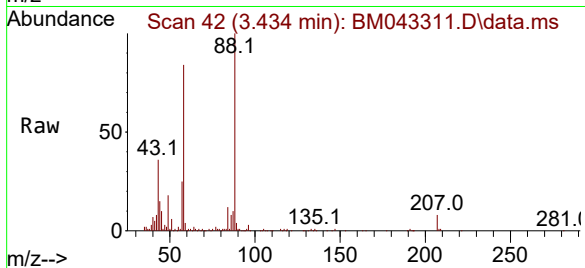




#2
1,4-Dioxane
Concen: 12.781 ng/uL
RT: 3.434 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM043311.D
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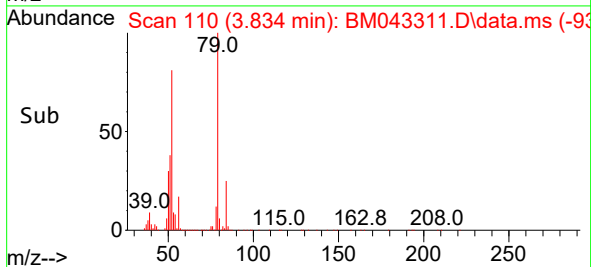
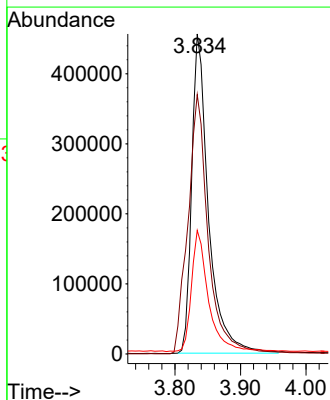
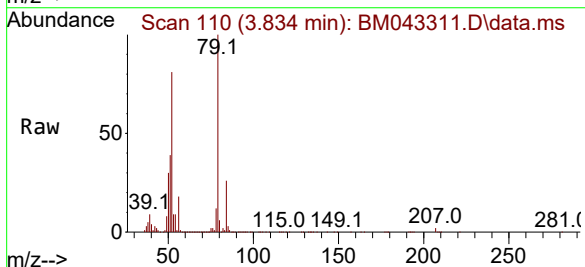
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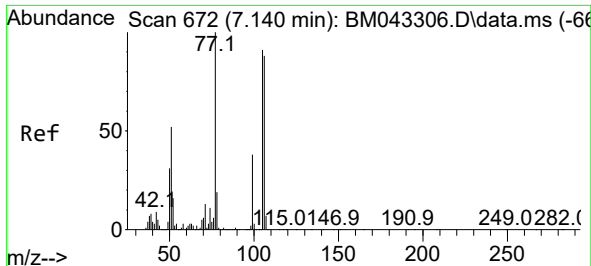
Tgt Ion: 88 Resp: 120514
Ion Ratio Lower Upper
88 100
43 36.0 25.0 37.4
58 84.0 60.6 90.8



#5
Pyridine
Concen: 31.050 ng/uL
RT: 3.834 min Scan# 110
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion: 79 Resp: 812821
Ion Ratio Lower Upper
79 100
52 81.1 64.9 97.3
51 38.6 31.0 46.4

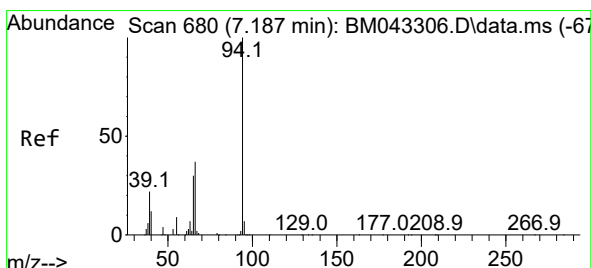
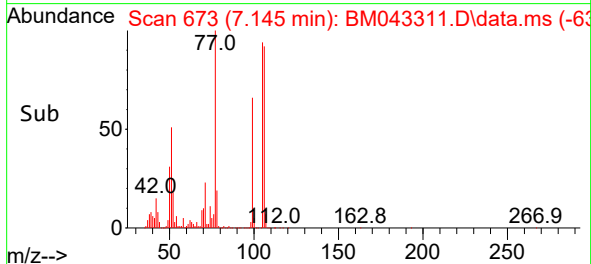
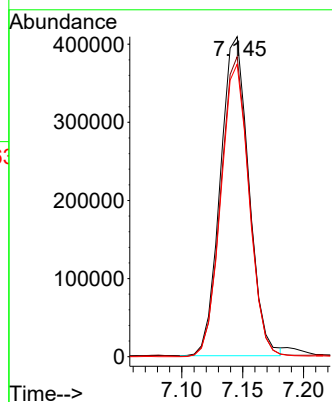
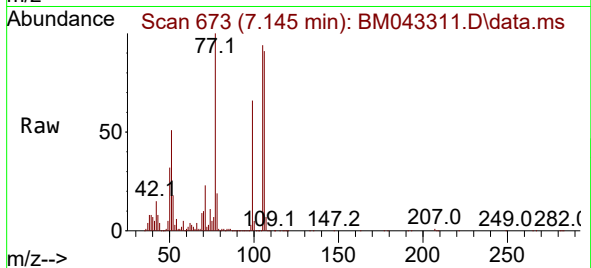




#6
Benzaldehyde
Concen: 38.753 ng/ul
RT: 7.145 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

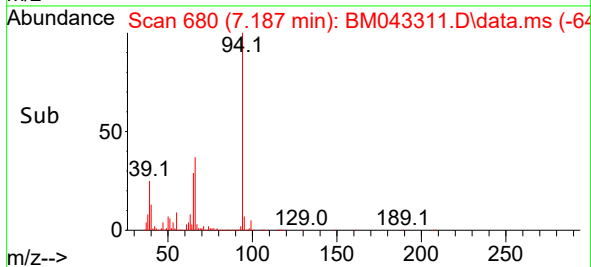
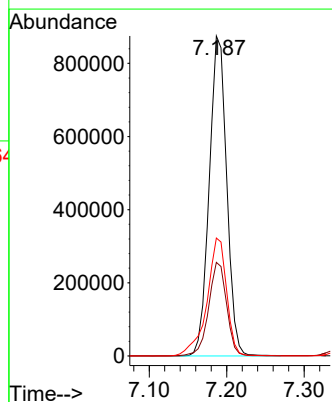
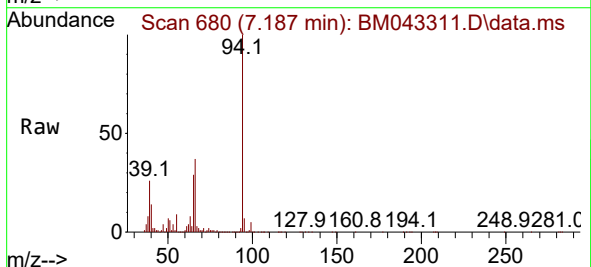
Instrument :
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ClientSampleId :
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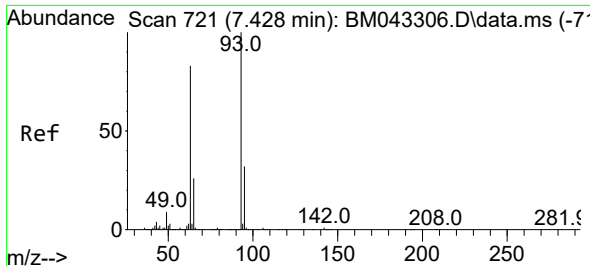
Tgt Ion: 77 Resp: 667127
Ion Ratio Lower Upper
77 100
105 93.7 76.3 114.5
106 91.4 74.6 112.0



#8
Phenol
Concen: 41.464 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion: 94 Resp: 1371541
Ion Ratio Lower Upper
94 100
65 29.2 23.5 35.3
66 36.8 29.9 44.9

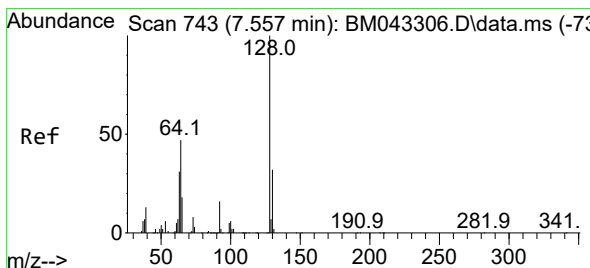
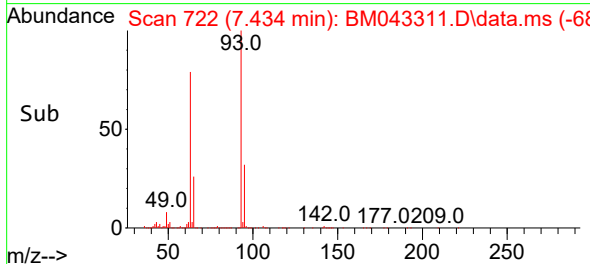
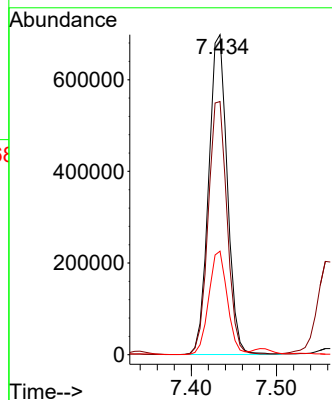
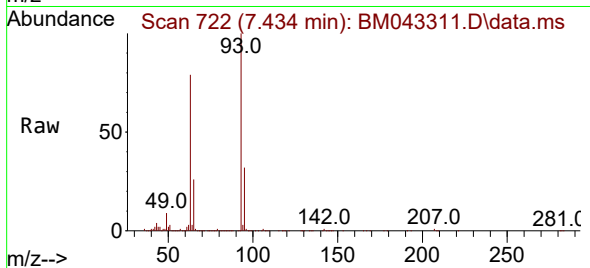




#10
Bis(2-Chloroethyl)ether
Concen: 39.848 ng/ul
RT: 7.434 min Scan# 721
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

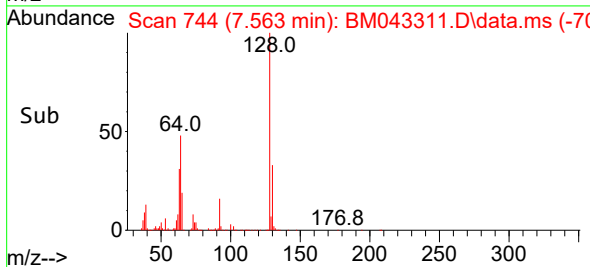
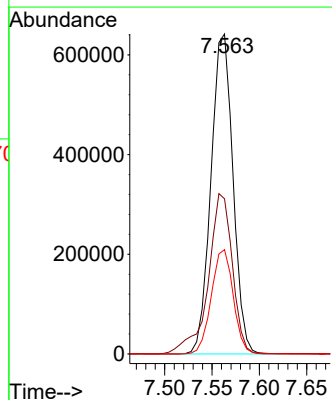
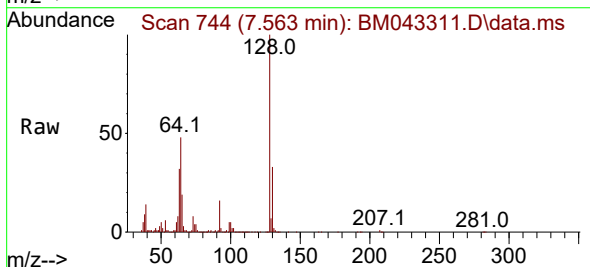
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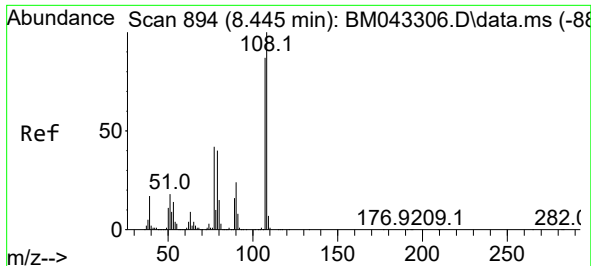
Tgt Ion: 93 Resp: 1062778
Ion Ratio Lower Upper
93 100
63 79.1 63.0 94.4
95 32.4 26.0 39.0



#12
2-Chlorophenol
Concen: 40.109 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:128 Resp: 1037540
Ion Ratio Lower Upper
128 100
64 48.5 38.3 57.5
130 32.6 26.6 40.0





#13

2-Methylphenol

Concen: 38.876 ng/ul

RT: 8.445 min Scan# 894

Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

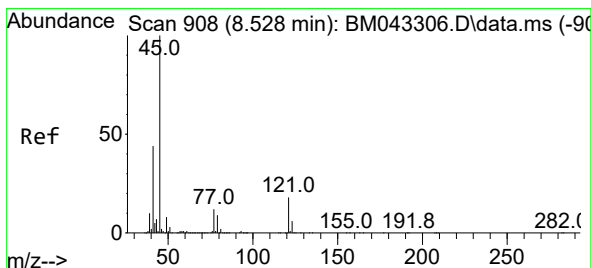
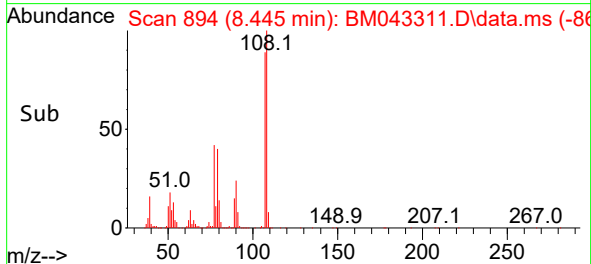
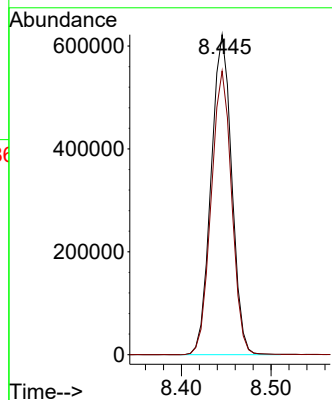
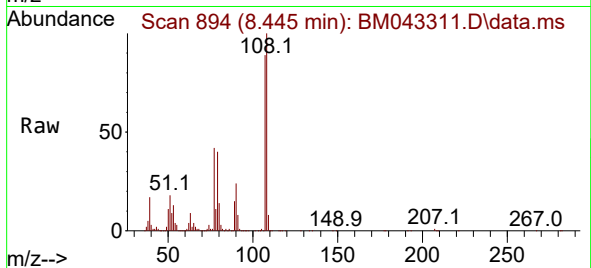
DCLH7MS

Tgt Ion:108 Resp: 994396

Ion Ratio Lower Upper

108 100

107 88.6 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.285 ng/ul

RT: 8.528 min Scan# 908

Delta R.T. -0.000 min

Lab File: BM043311.D

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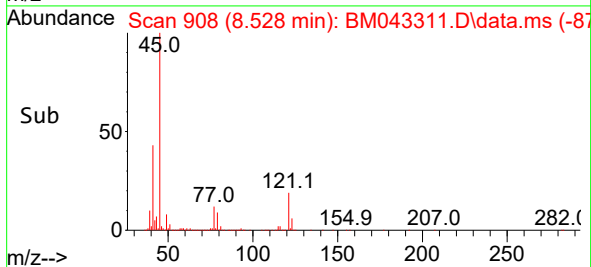
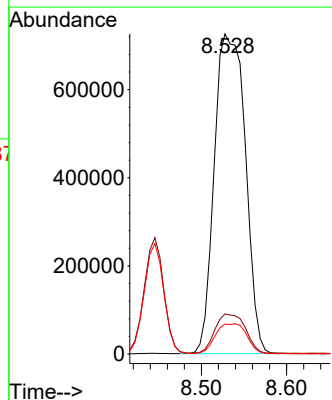
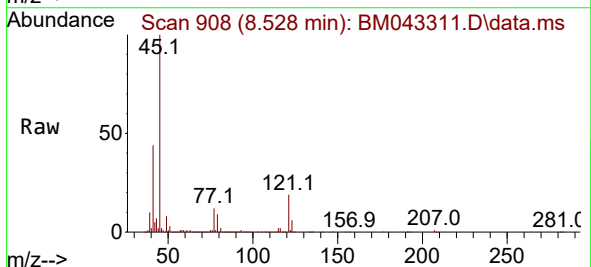
Tgt Ion: 45 Resp: 1830696

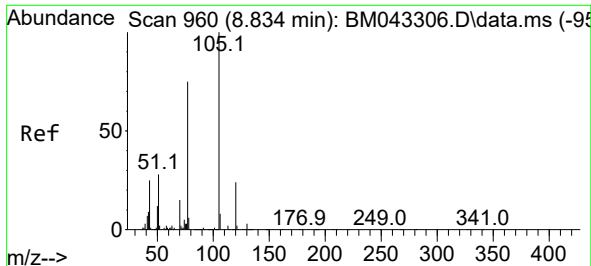
Ion Ratio Lower Upper

45 100

77 12.5 10.2 15.2

79 9.4 7.2 10.8

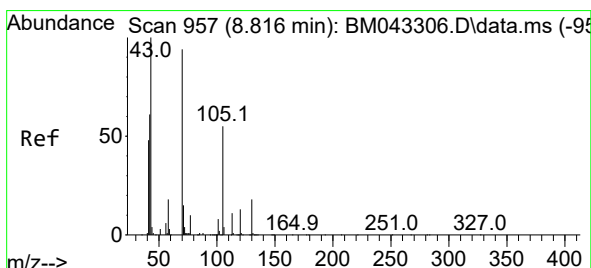
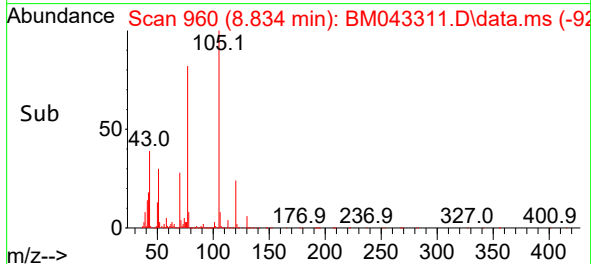
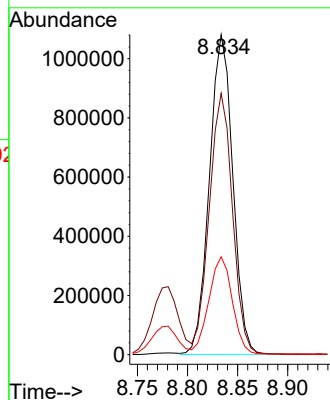
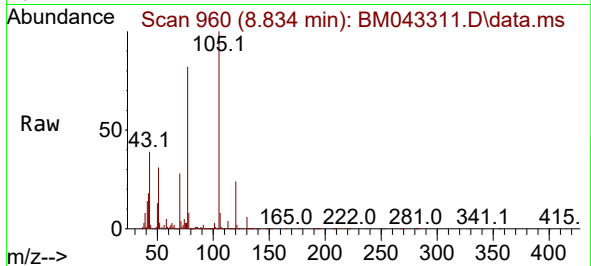




#16
Acetophenone
Concen: 41.225 ng/ul
RT: 8.834 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

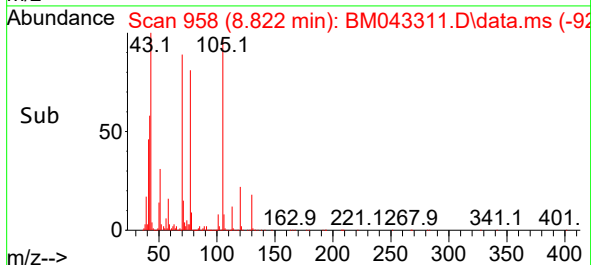
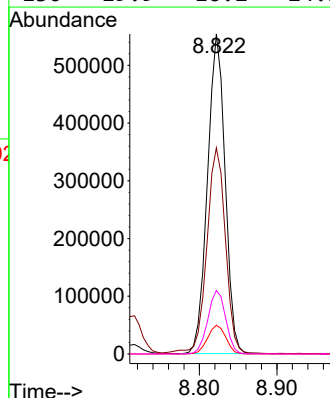
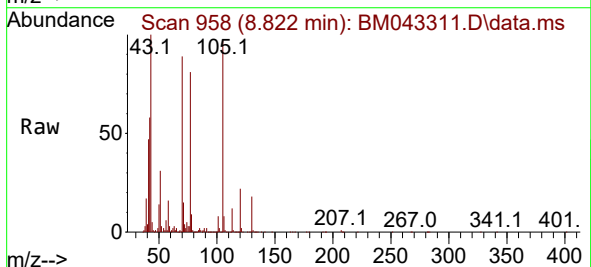
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

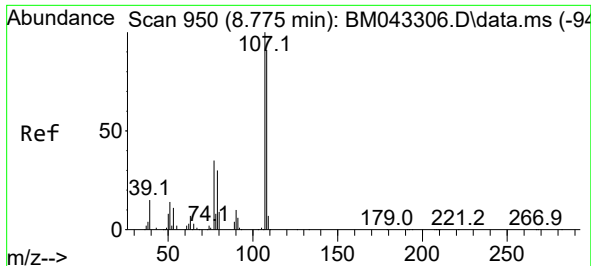
Tgt Ion:105 Resp: 1753295
Ion Ratio Lower Upper
105 100
77 81.7 62.7 94.1
51 30.6 23.8 35.8



#17
N-Nitroso-di-n-propylamine
Concen: 37.520 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion: 70 Resp: 874641
Ion Ratio Lower Upper
70 100
42 64.4 52.3 78.5
101 9.0 7.0 10.6
130 19.9 16.2 24.2

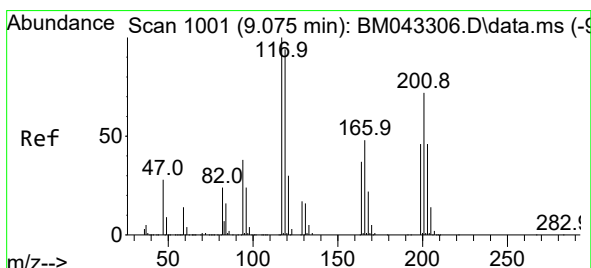
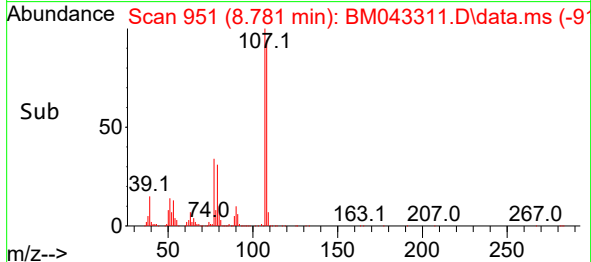
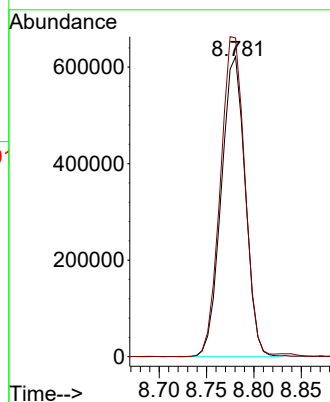
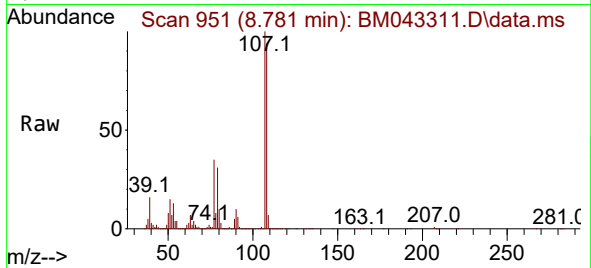




#18
4-Methylphenol
Concen: 39.426 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

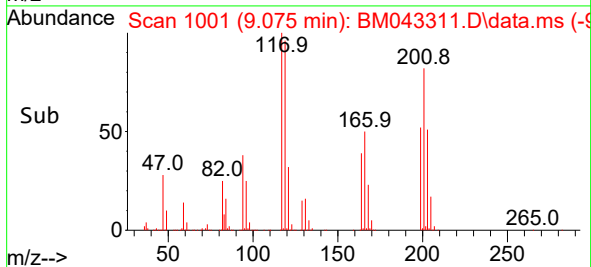
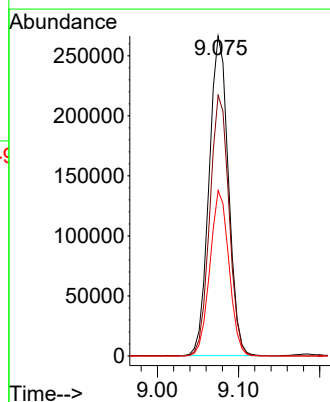
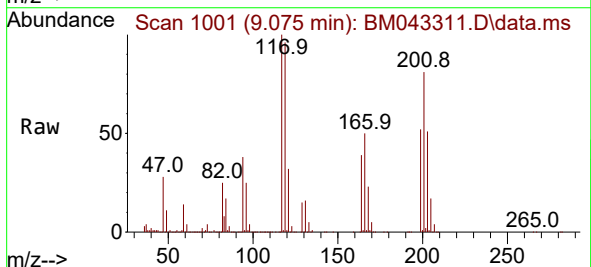
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

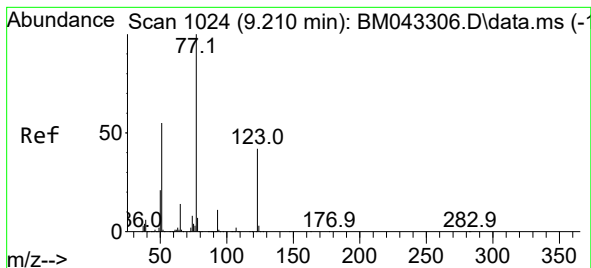
Tgt Ion:108 Resp: 1094197
Ion Ratio Lower Upper
108 100
107 106.2 86.4 129.6



#19
Hexachloroethane
Concen: 40.125 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:117 Resp: 439959
Ion Ratio Lower Upper
117 100
201 81.5 79.2 118.8
199 51.7 49.8 74.8

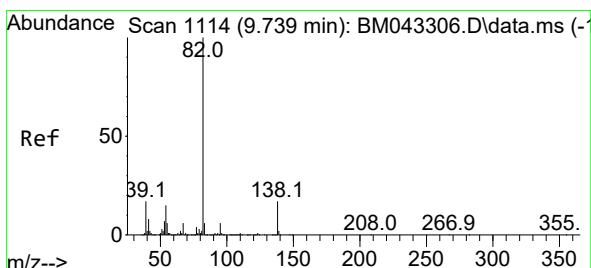
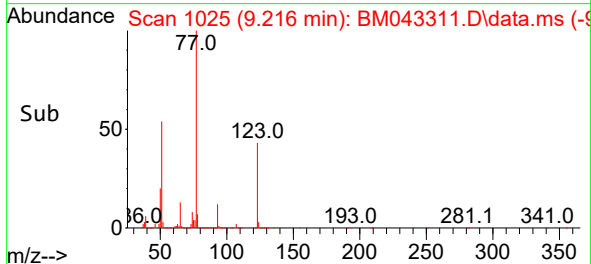
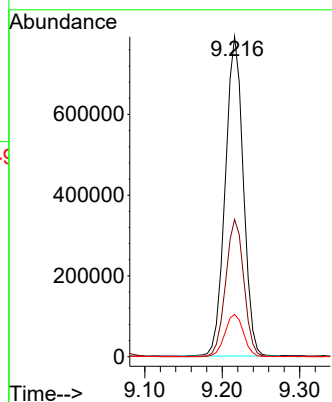
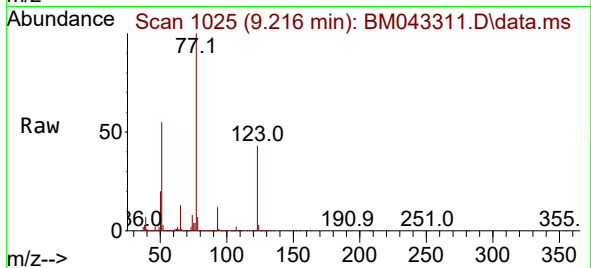




#22
Nitrobenzene
Concen: 41.204 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

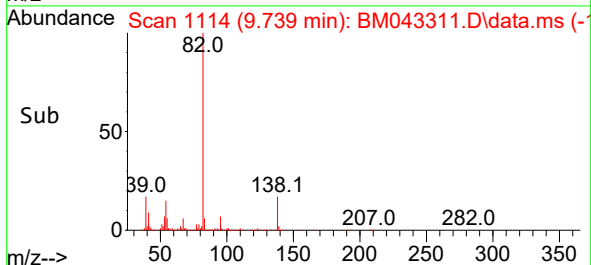
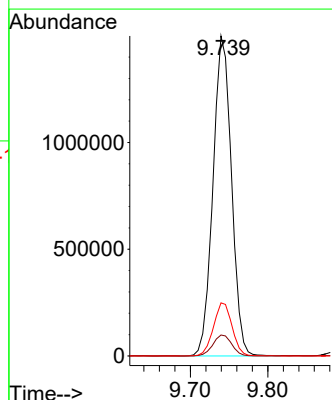
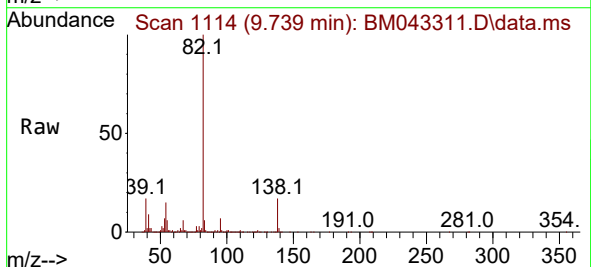
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

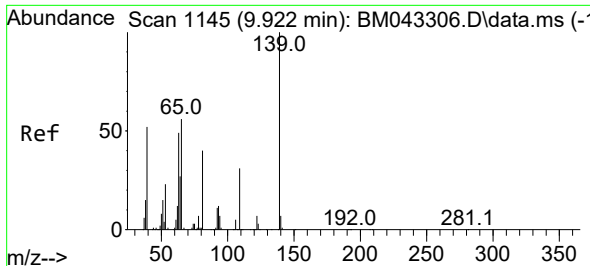
Tgt Ion: 77 Resp: 1281013
Ion Ratio Lower Upper
77 100
123 42.9 35.6 53.4
65 13.2 11.0 16.4



#23
Isophorone
Concen: 37.479 ng/ul
RT: 9.739 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion: 82 Resp: 2482799
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.6 14.0 21.0

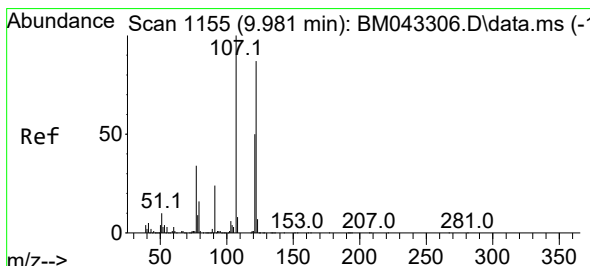
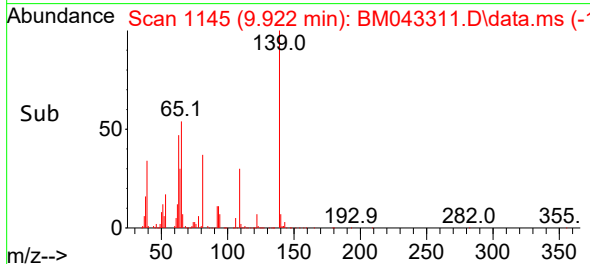
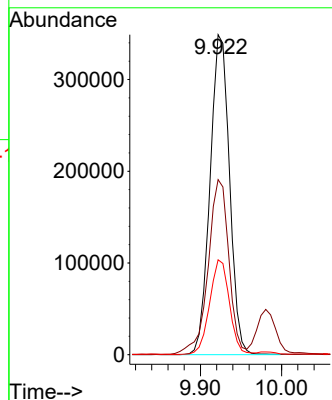
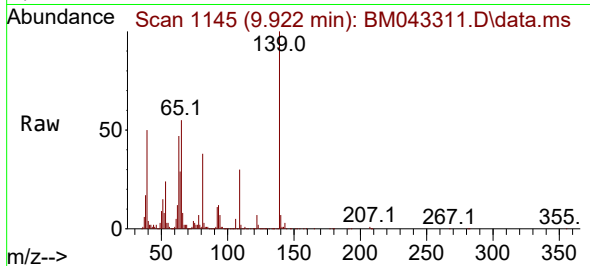




#25
2-Nitrophenol
Concen: 42.575 ng/ul
RT: 9.922 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

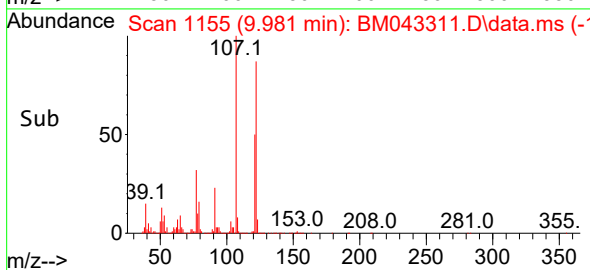
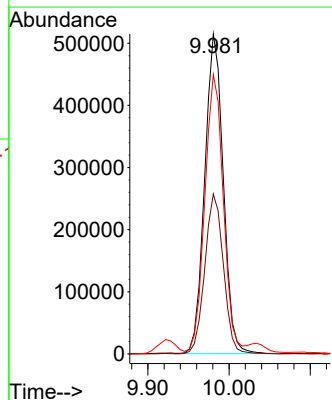
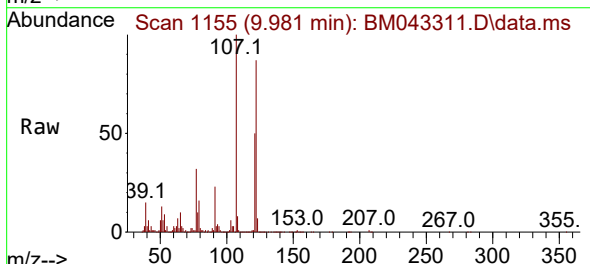
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

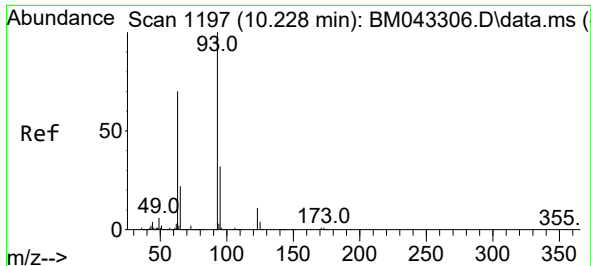
Tgt Ion:139 Resp: 581815
Ion Ratio Lower Upper
139 100
65 54.7 40.6 60.8
109 29.7 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 30.466 ng/ul
RT: 9.981 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:107 Resp: 816281
Ion Ratio Lower Upper
107 100
121 50.0 42.2 63.2
122 87.3 72.0 108.0

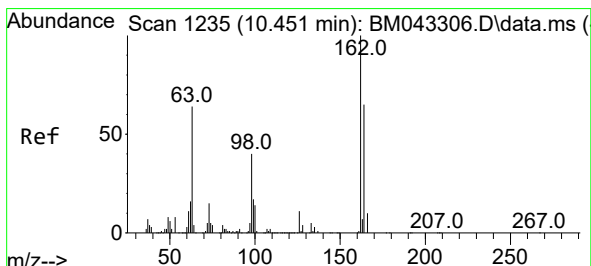
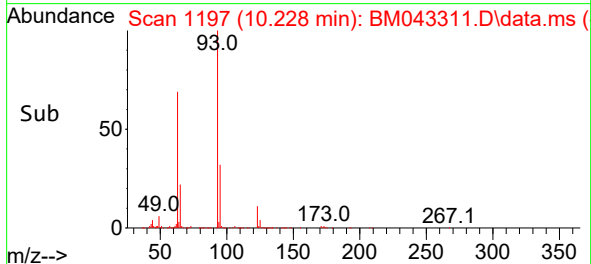
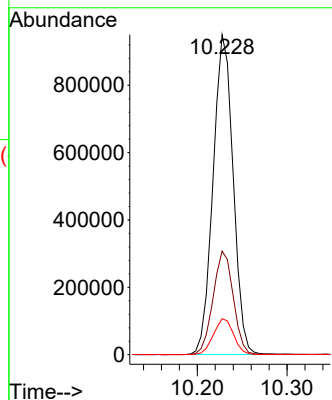
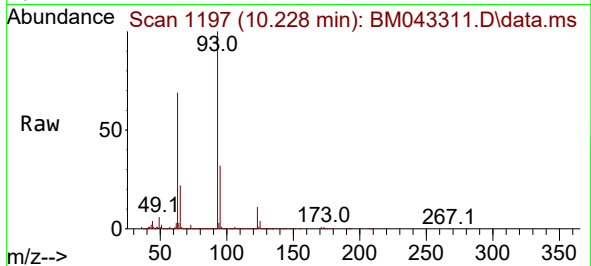




#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.992 ng/ul
 RT: 10.228 min Scan# 1197
 Delta R.T. -0.000 min
 Lab File: BM043311.D
 Acq: 13 Dec 2023 21:01

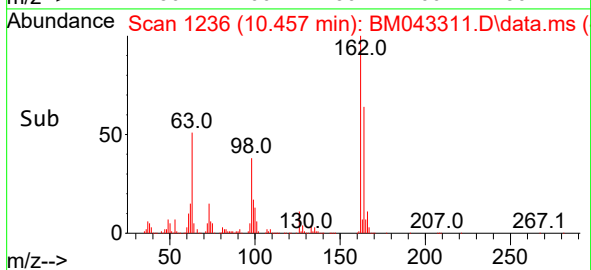
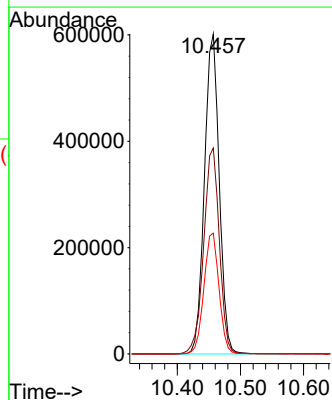
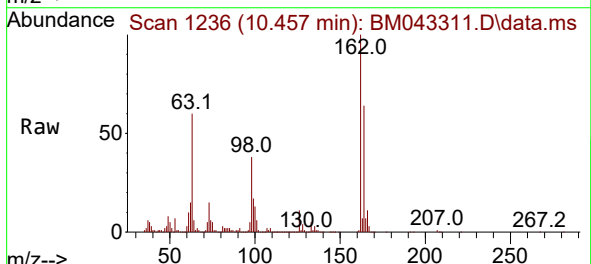
Instrument :
 BNA_M
 ClientSampleId :
 DCLH7MS

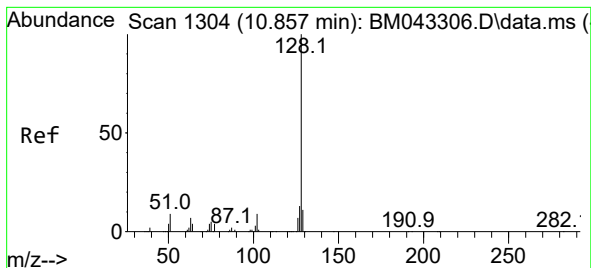
Tgt Ion: 93 Resp: 1479735
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.2
 123 11.2 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 36.360 ng/ul
 RT: 10.457 min Scan# 1236
 Delta R.T. 0.006 min
 Lab File: BM043311.D
 Acq: 13 Dec 2023 21:01

Tgt Ion:162 Resp: 980789
 Ion Ratio Lower Upper
 162 100
 164 64.3 51.4 77.0
 98 37.8 26.9 40.3

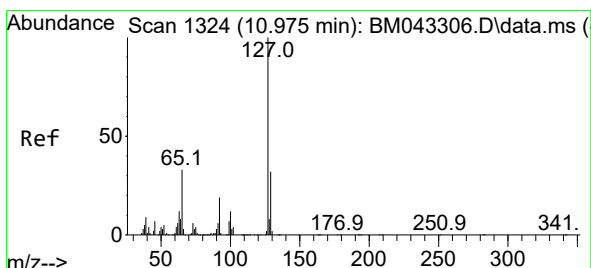
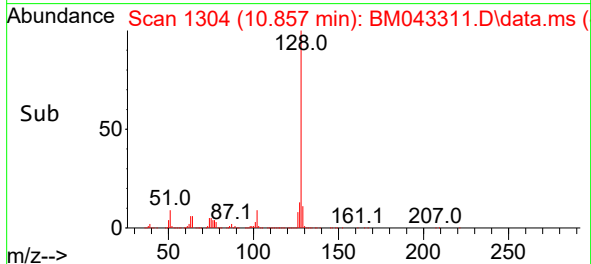
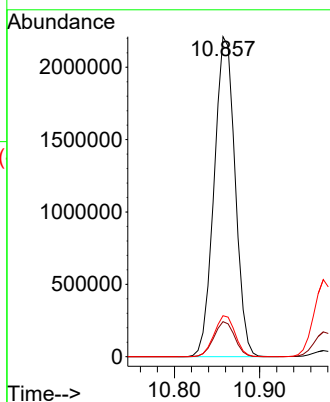
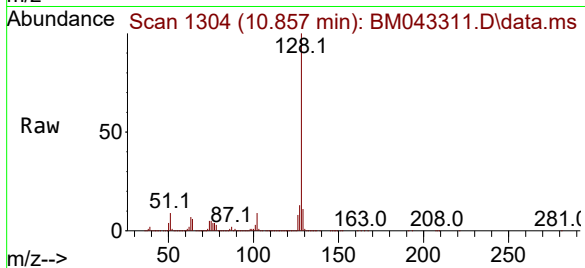




#30
Naphthalene
Concen: 40.595 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

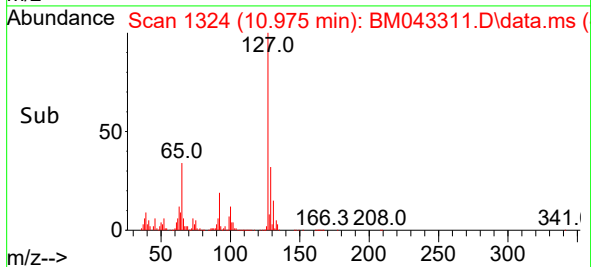
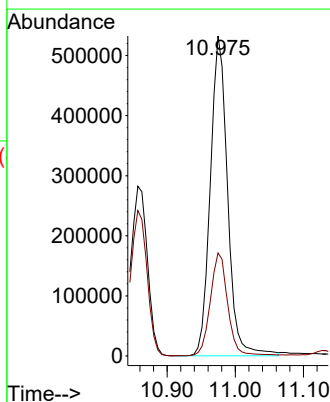
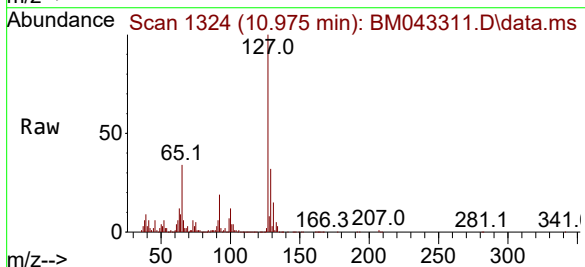
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

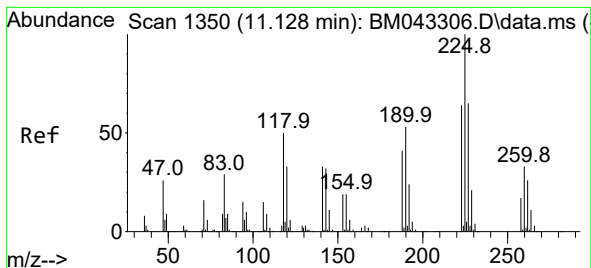
Tgt Ion:128 Resp: 3780075
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 24.899 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:127 Resp: 939174
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0

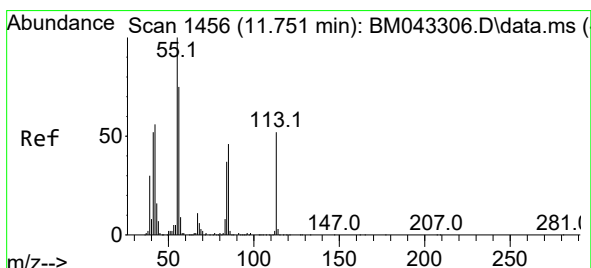
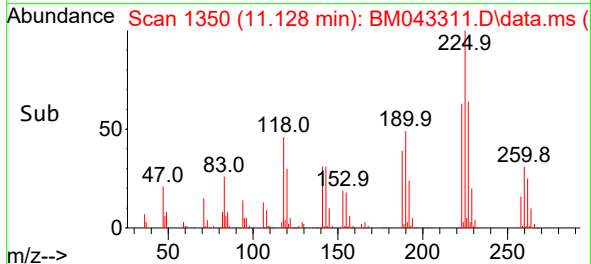
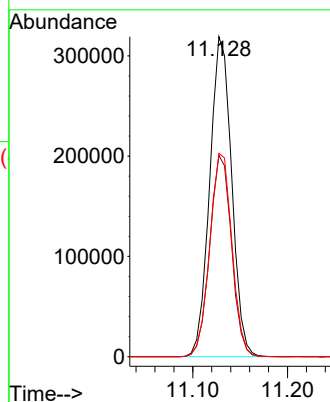
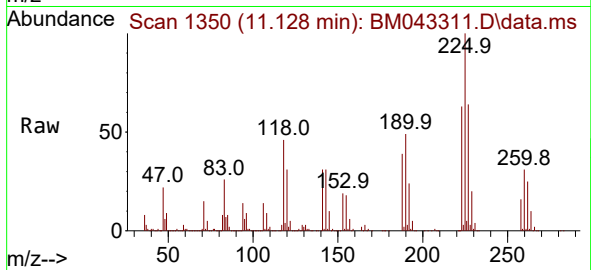




#33
Hexachlorobutadiene
Concen: 30.487 ng/ul
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

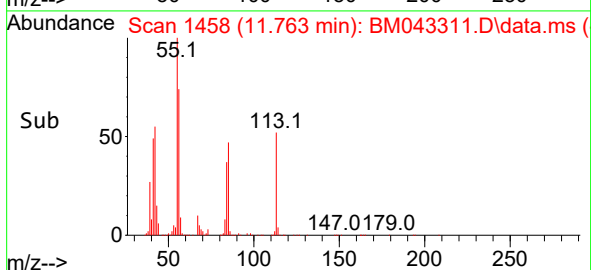
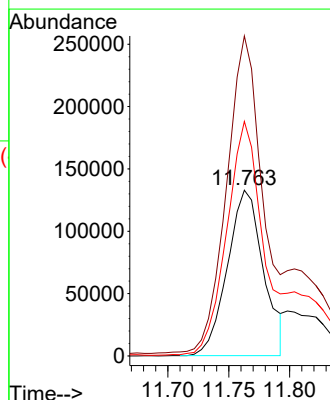
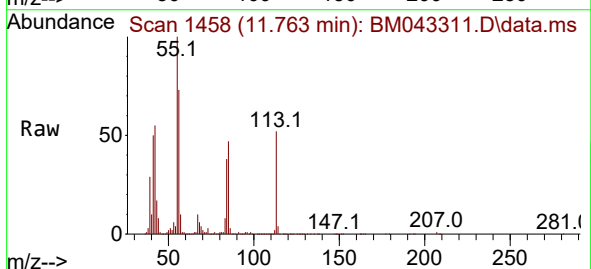
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

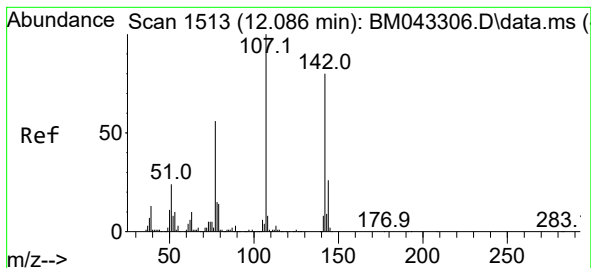
Tgt Ion:225 Resp: 512426
Ion Ratio Lower Upper
225 100
223 62.9 50.2 75.4
227 63.5 52.0 78.0



#34
Caprolactam
Concen: 34.108 ng/ul
RT: 11.763 min Scan# 1458
Delta R.T. 0.012 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:113 Resp: 273563
Ion Ratio Lower Upper
113 100
55 193.1 139.5 209.3
56 141.6 103.5 155.3

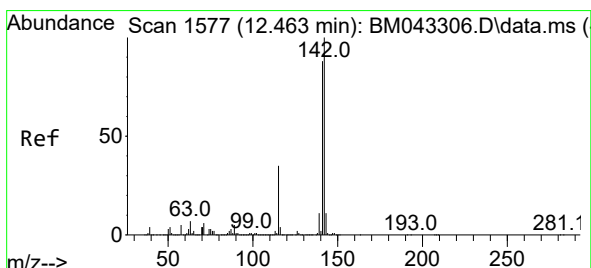
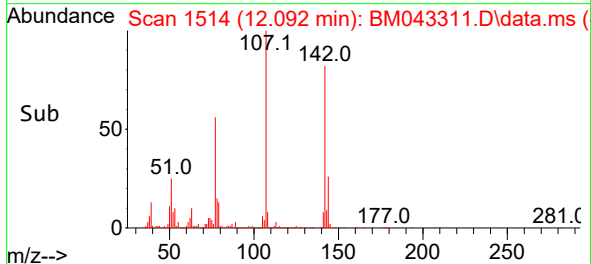
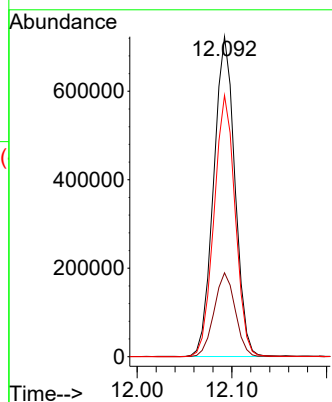
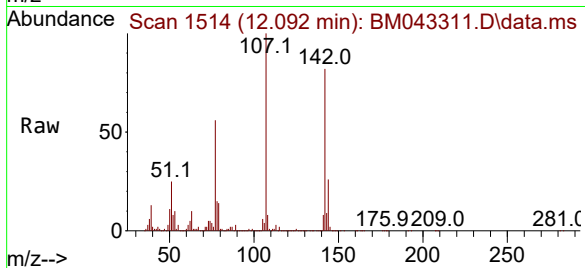




#35
4-Chloro-3-methylphenol
Concen: 39.812 ng/ul
RT: 12.092 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

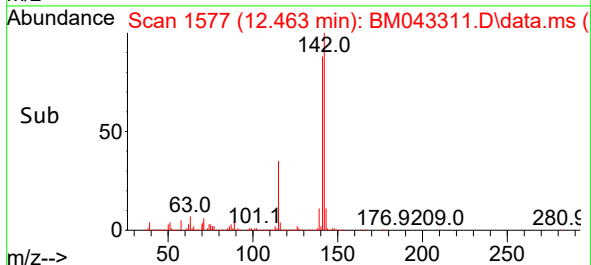
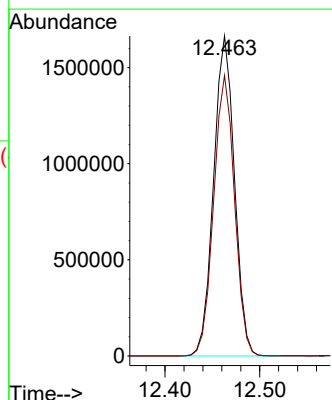
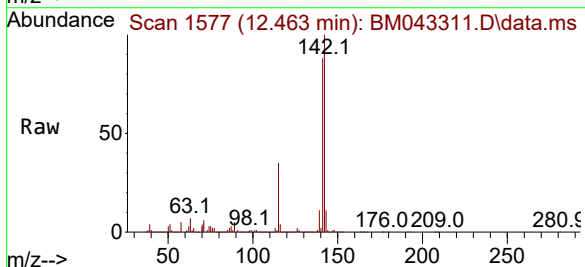
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

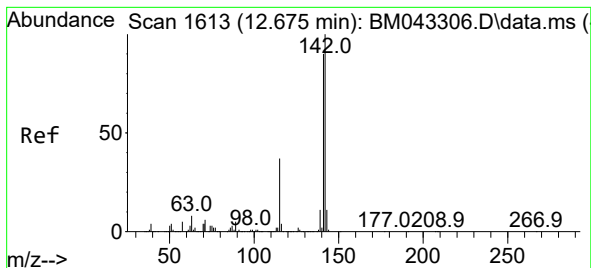
Tgt Ion:107 Resp: 1127668
Ion Ratio Lower Upper
107 100
144 26.2 22.0 33.0
142 81.6 67.3 100.9



#36
2-Methylnaphthalene
Concen: 37.959 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:142 Resp: 2543007
Ion Ratio Lower Upper
142 100
141 87.6 70.0 105.0





#37

1-Methylnaphthalene

Concen: 36.528 ng/ul

RT: 12.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

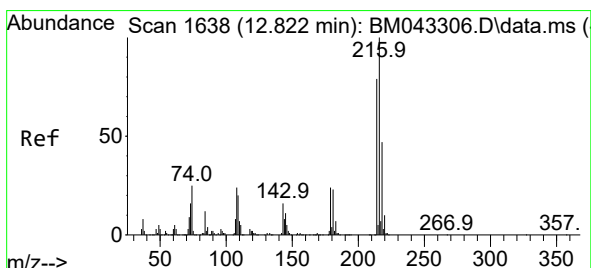
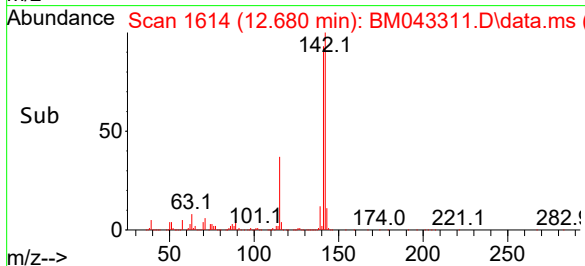
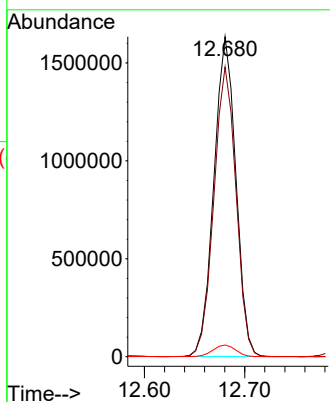
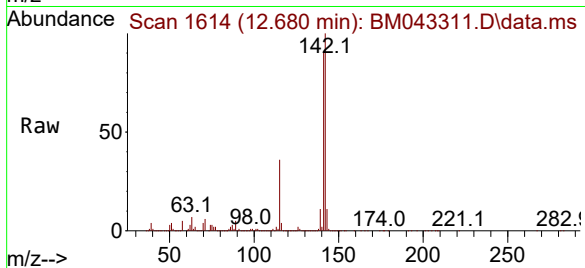
Tgt Ion:142 Resp: 2483867

Ion Ratio Lower Upper

142 100

141 90.6 71.9 107.9

116 3.7 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.216 ng/ul

RT: 12.822 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Tgt Ion:216 Resp: 1016234

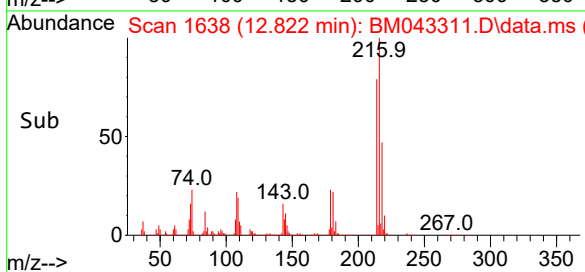
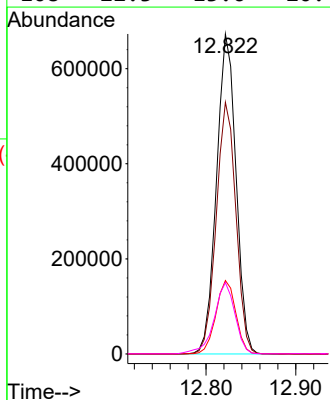
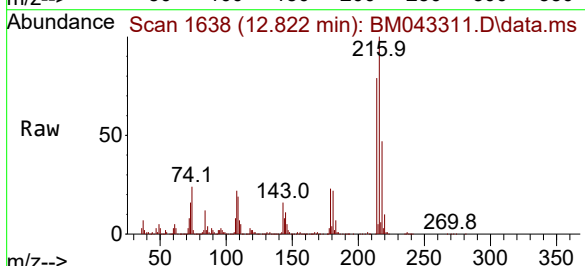
Ion Ratio Lower Upper

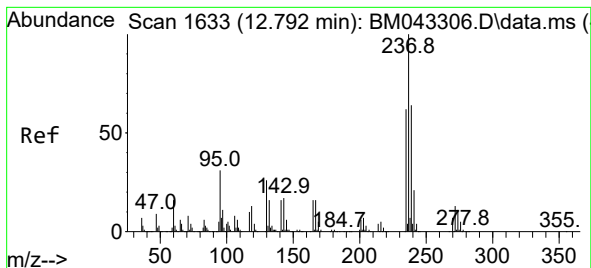
216 100

214 78.6 63.1 94.7

179 23.0 16.4 24.6

108 22.3 13.6 20.4#





#40

Hexachlorocyclopentadiene

Concen: 19.015 ng/ul

RT: 12.792 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

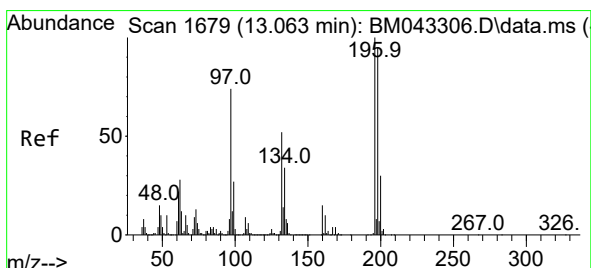
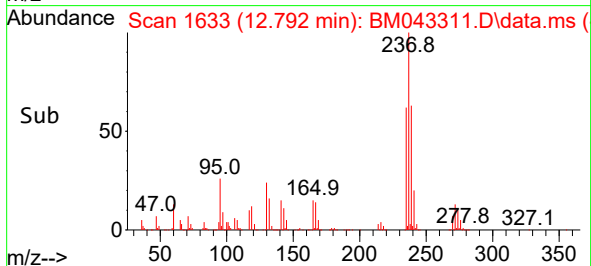
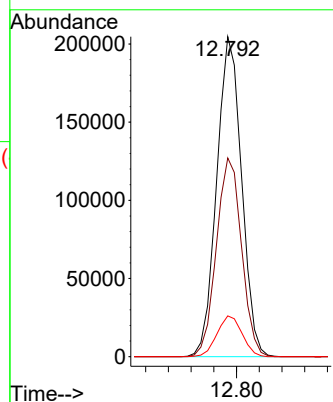
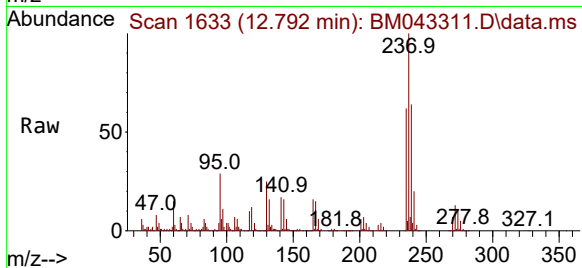
Tgt Ion:237 Resp: 311350

Ion Ratio Lower Upper

237 100

235 62.1 50.5 75.7

272 12.8 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 40.203 ng/ul

RT: 13.069 min Scan# 1680

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

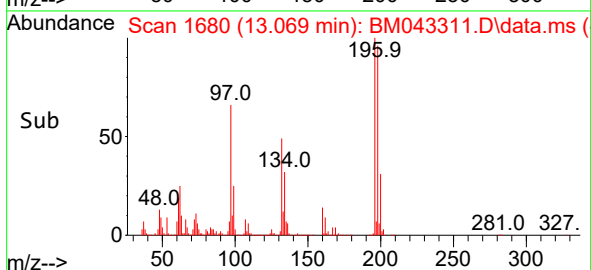
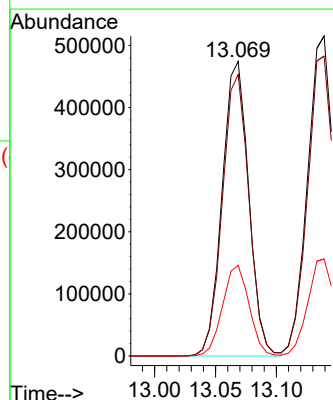
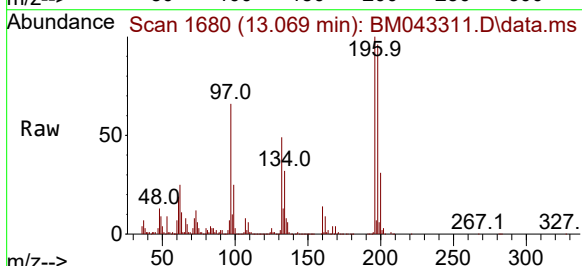
Tgt Ion:196 Resp: 721914

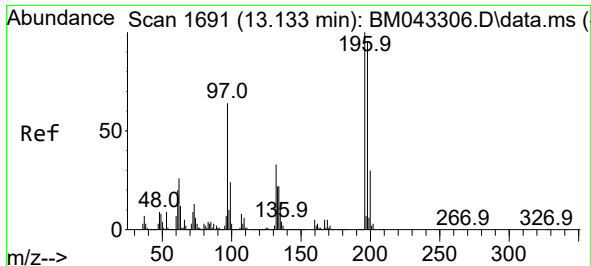
Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.4

200 30.8 25.0 37.4

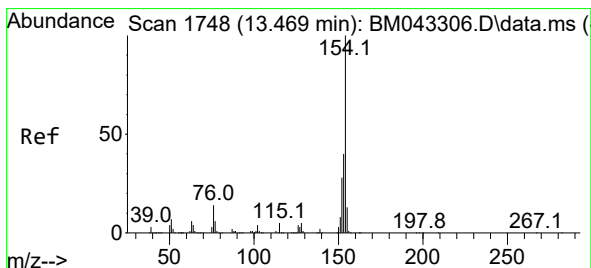
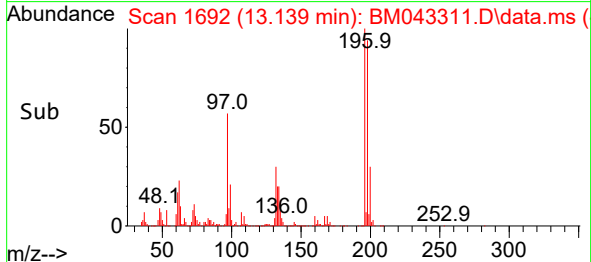
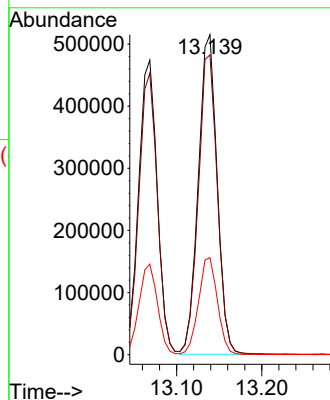
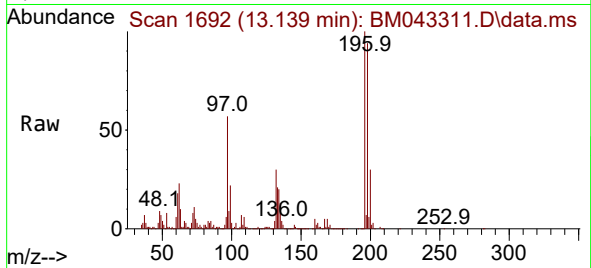




#42
2,4,5-Trichlorophenol
Concen: 40.324 ng/ul
RT: 13.139 min Scan# 1691
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

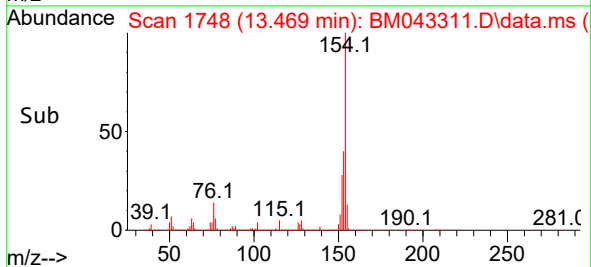
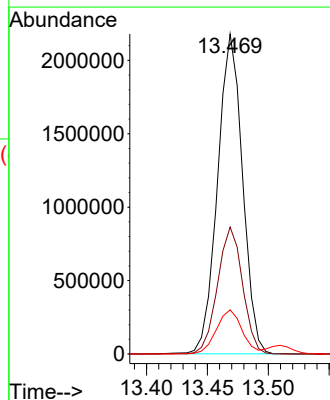
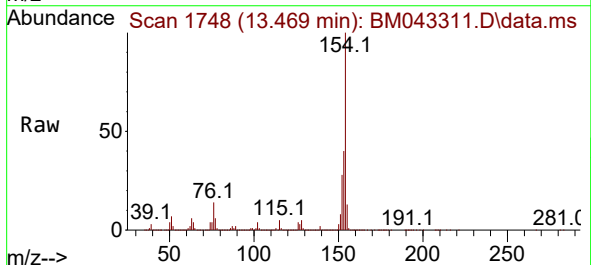
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

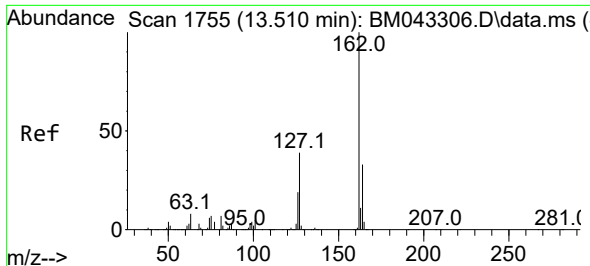
Tgt Ion:196 Resp: 788081
Ion Ratio Lower Upper
196 100
198 93.7 76.1 114.1
200 30.3 24.6 36.8



#43
1,1'-Biphenyl
Concen: 41.091 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:154 Resp: 3100425
Ion Ratio Lower Upper
154 100
153 39.6 31.8 47.6
76 13.8 9.3 13.9

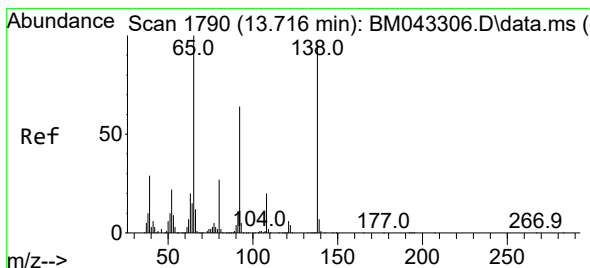
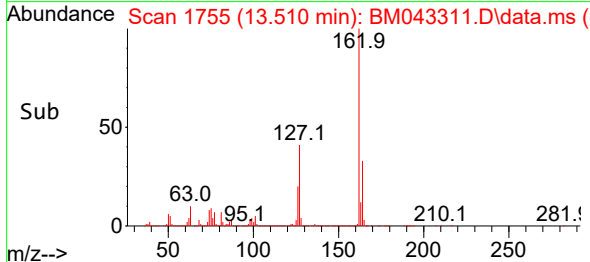
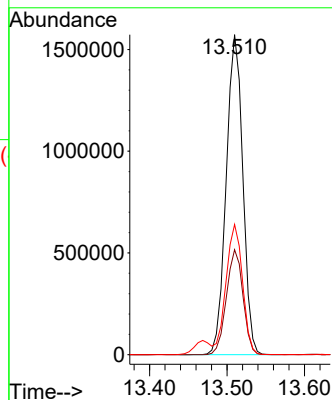
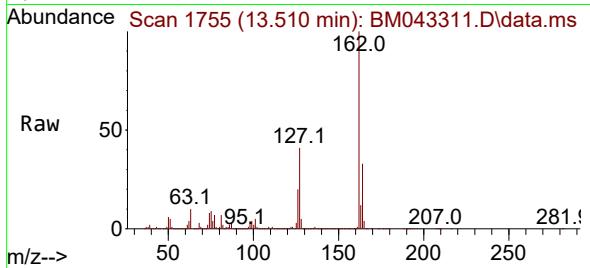




#44
2-Chloronaphthalene
Concen: 40.071 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

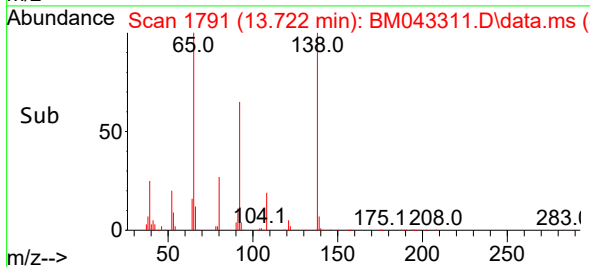
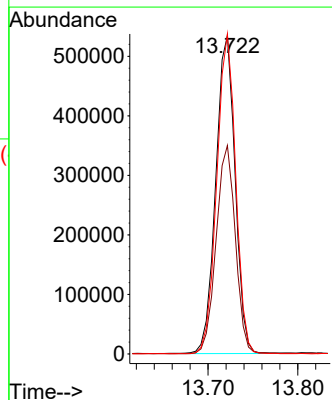
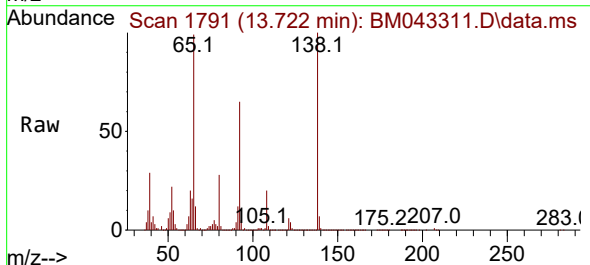
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

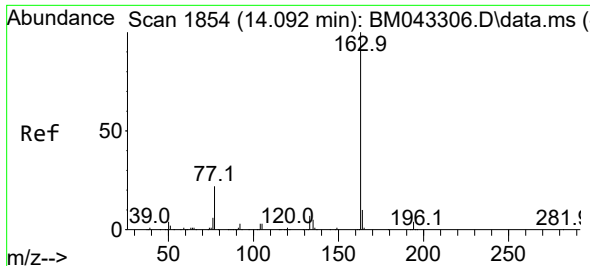
Tgt Ion:162 Resp: 2343694
Ion Ratio Lower Upper
162 100
164 32.8 26.4 39.6
127 40.7 30.0 45.0



#45
2-Nitroaniline
Concen: 51.656 ng/ul
RT: 13.722 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion: 65 Resp: 798384
Ion Ratio Lower Upper
65 100
92 65.5 53.4 80.0
138 100.5 86.2 129.2

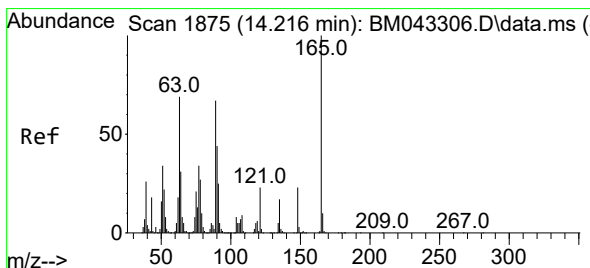
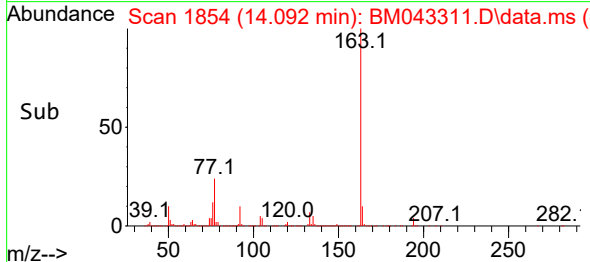
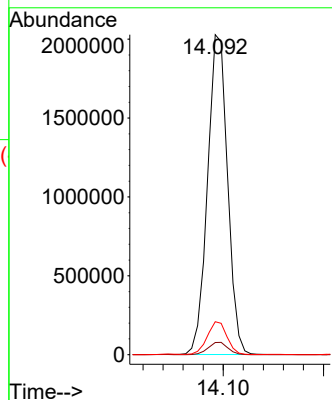
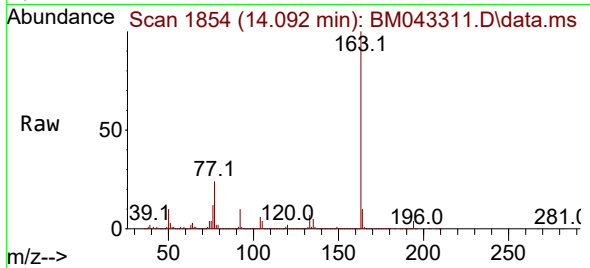




#47
Dimethylphthalate
Concen: 38.355 ng/ul
RT: 14.092 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

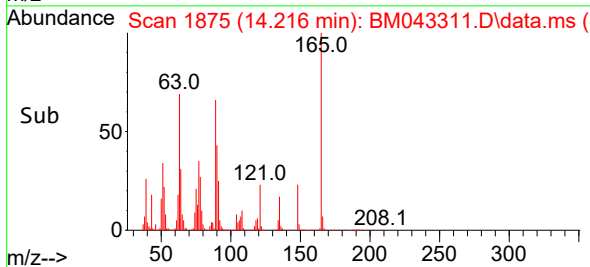
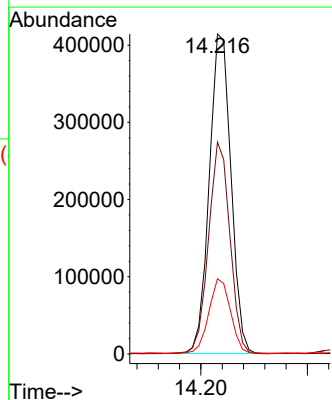
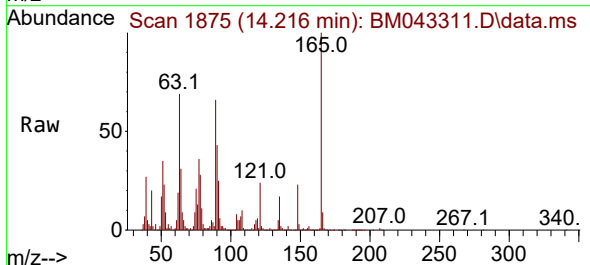
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

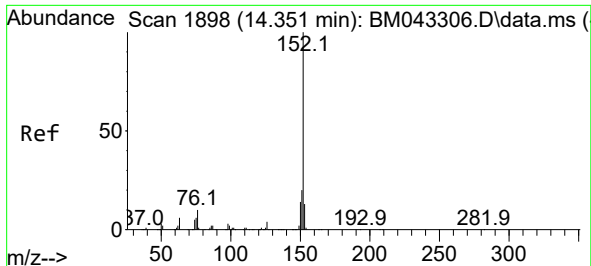
Tgt Ion:163 Resp: 2812676
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 43.275 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:165 Resp: 584695
Ion Ratio Lower Upper
165 100
89 66.2 47.5 71.3
121 23.5 17.1 25.7

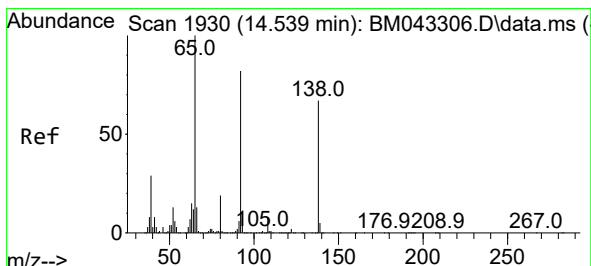
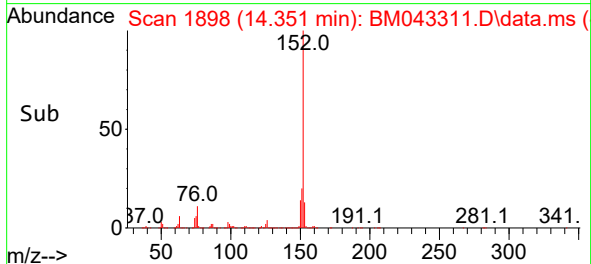
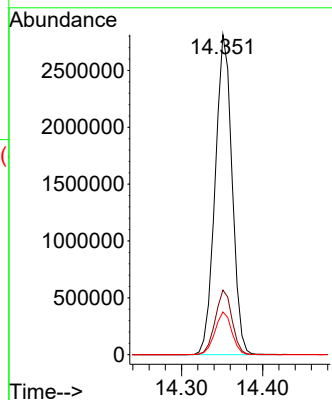
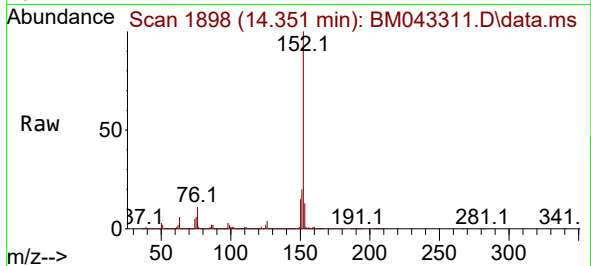




#50
Acenaphthylene
Concen: 41.718 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

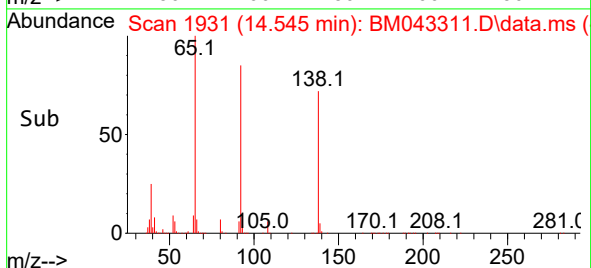
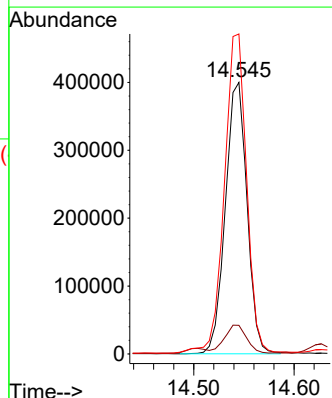
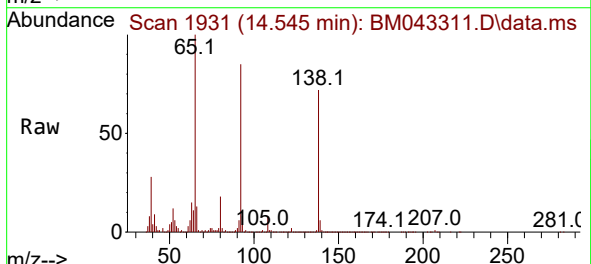
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

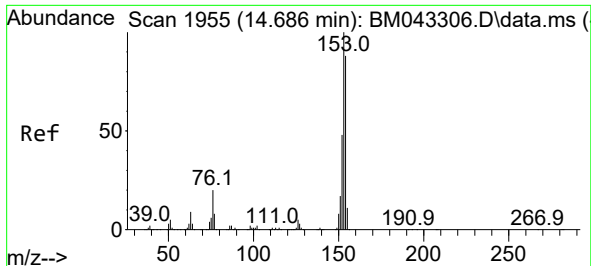
Tgt Ion:152 Resp: 4078580
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.3 15.5



#51
3-Nitroaniline
Concen: 39.992 ng/ul
RT: 14.545 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:138 Resp: 599451
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 117.8 87.9 131.9

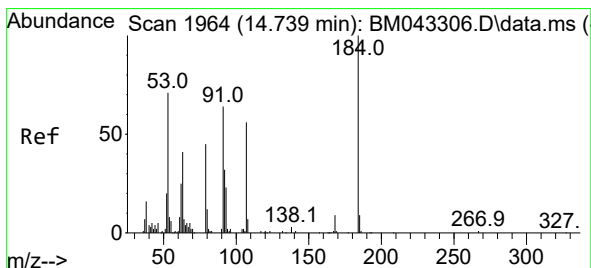
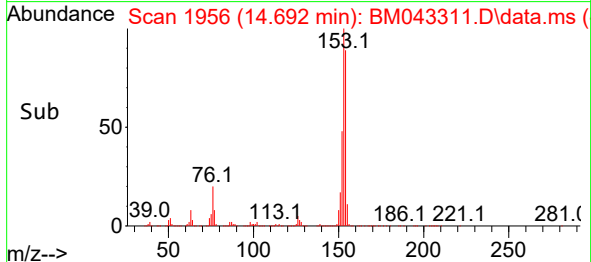
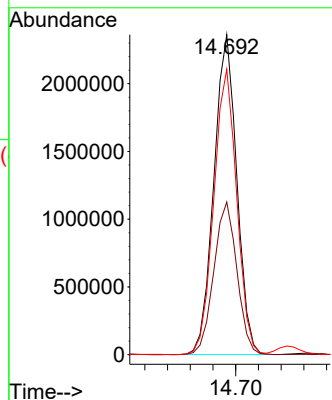
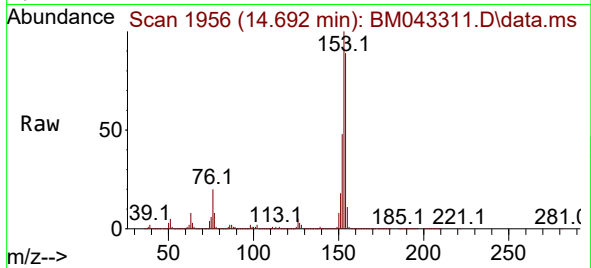




#52
Acenaphthene
Concen: 51.261 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

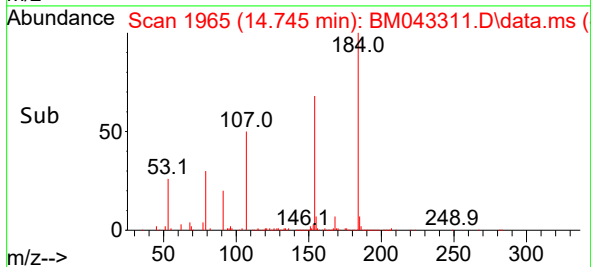
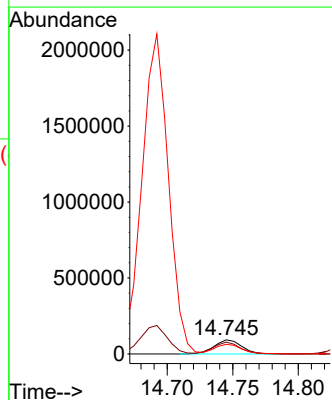
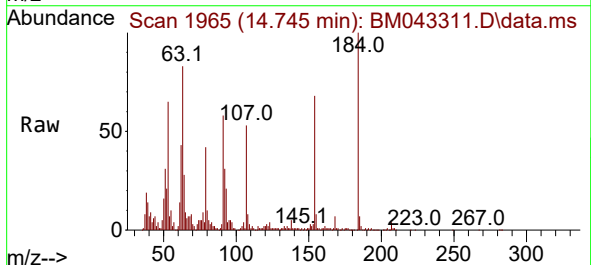
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

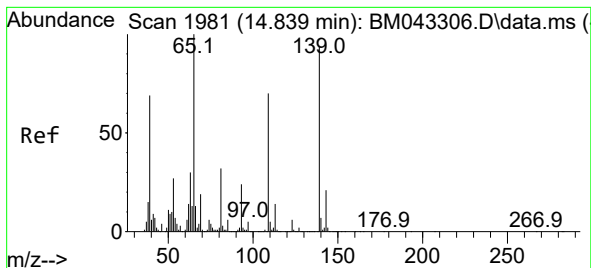
Tgt Ion:153 Resp: 3305665
Ion Ratio Lower Upper
153 100
152 47.7 38.6 58.0
154 89.2 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 21.488 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:184 Resp: 133281
Ion Ratio Lower Upper
184 100
63 83.2 52.2 78.4#
154 68.2 47.8 71.8

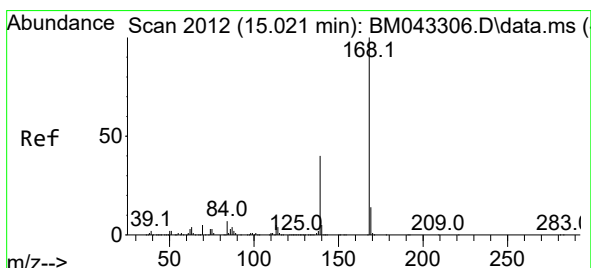
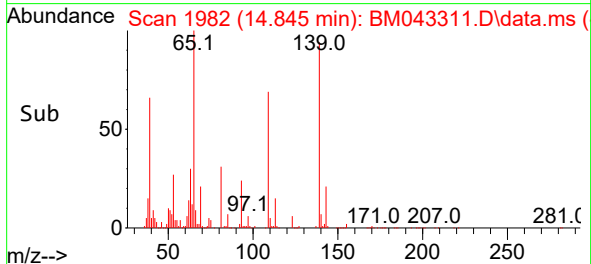
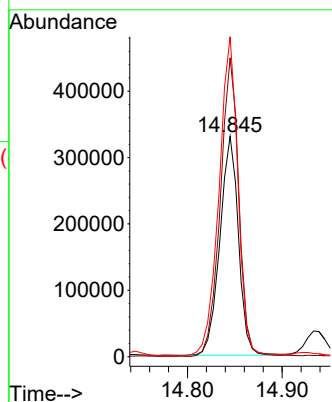
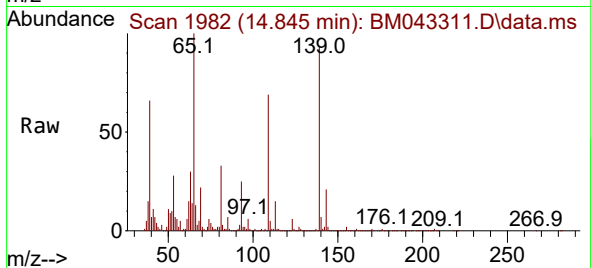




#55
4-Nitrophenol
Concen: 46.516 ng/ul
RT: 14.845 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

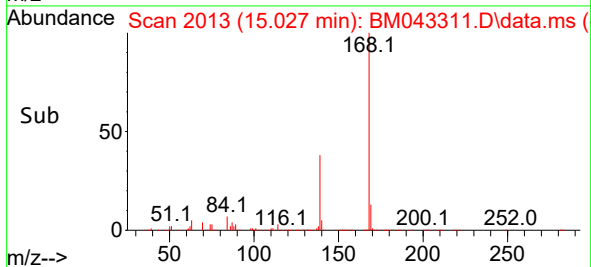
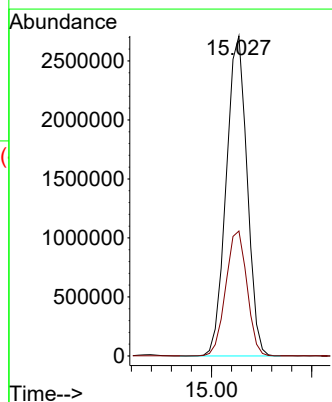
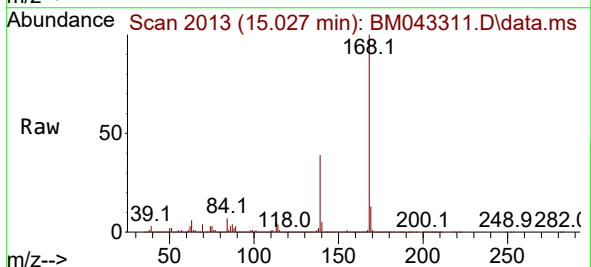
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

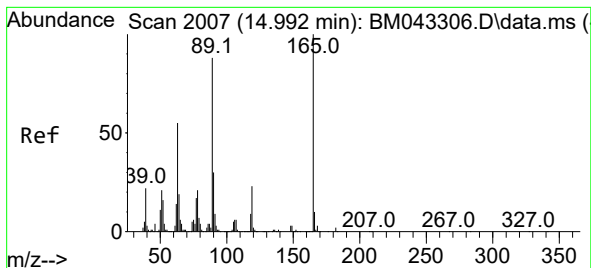
Tgt Ion:109 Resp: 450626
Ion Ratio Lower Upper
109 100
139 135.7 114.7 172.1
65 145.3 109.5 164.3



#56
Dibenzofuran
Concen: 44.363 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:168 Resp: 3907884
Ion Ratio Lower Upper
168 100
139 39.0 28.6 43.0

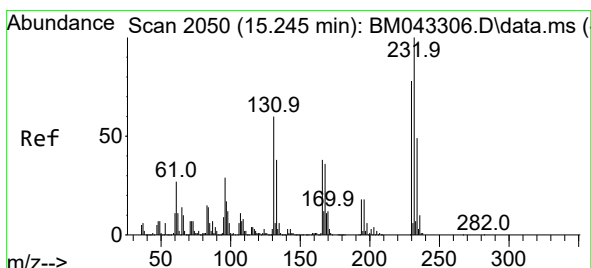
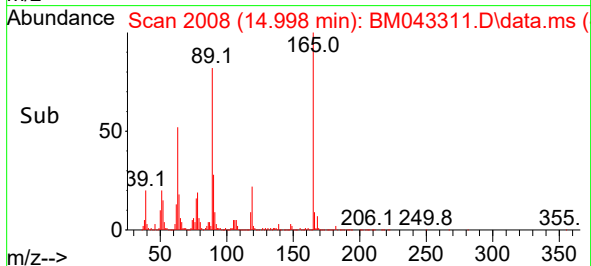
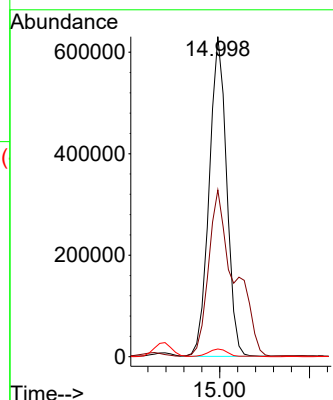
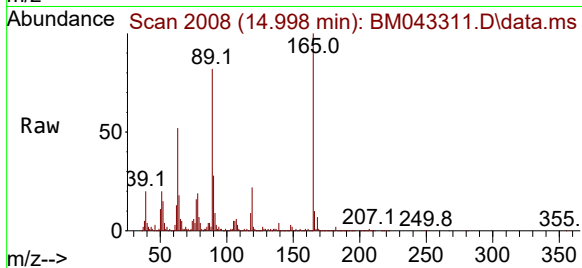




#57
2,4-Dinitrotoluene
Concen: 44.002 ng/ul
RT: 14.998 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

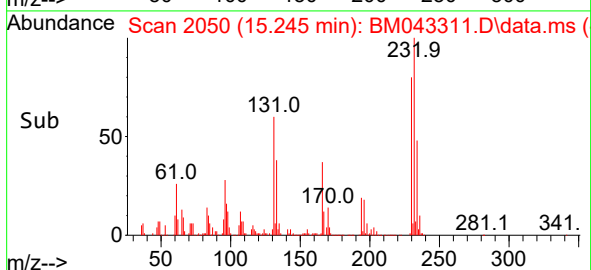
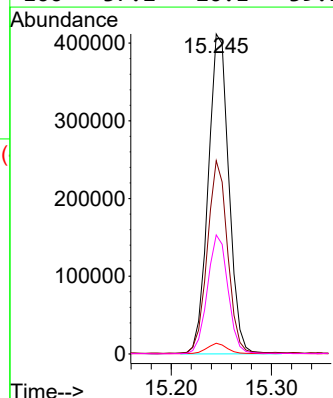
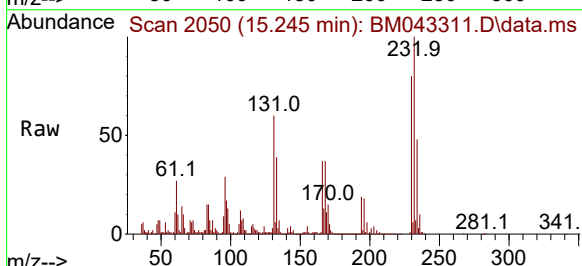
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

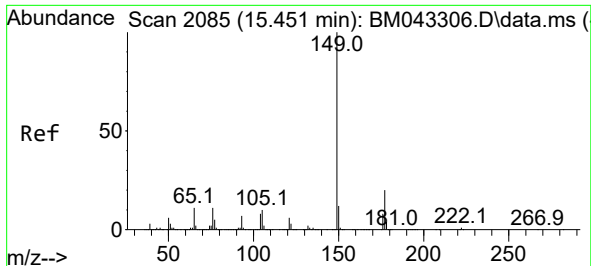
Tgt Ion:165 Resp: 848862
Ion Ratio Lower Upper
165 100
63 52.1 34.6 52.0#
182 2.4 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.306 ng/ul
RT: 15.245 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:232 Resp: 589794
Ion Ratio Lower Upper
232 100
131 60.4 37.0 55.4#
130 3.3 1.9 2.9#
166 37.2 26.1 39.1

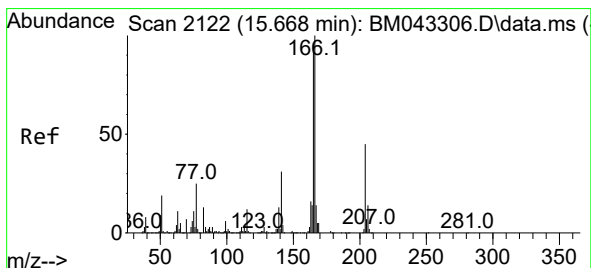
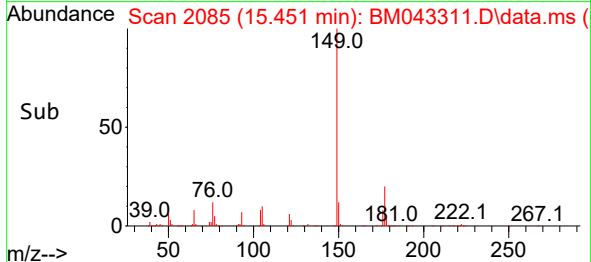
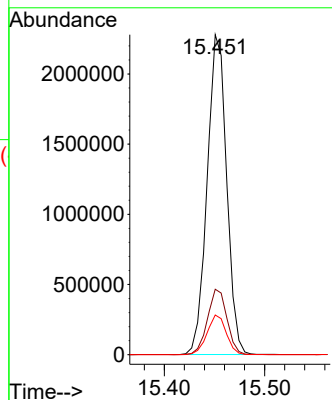
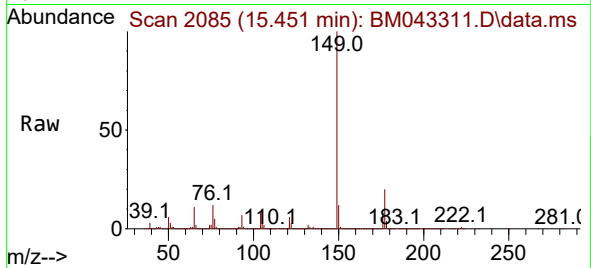




#59
Diethylphthalate
Concen: 41.647 ng/ul
RT: 15.451 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

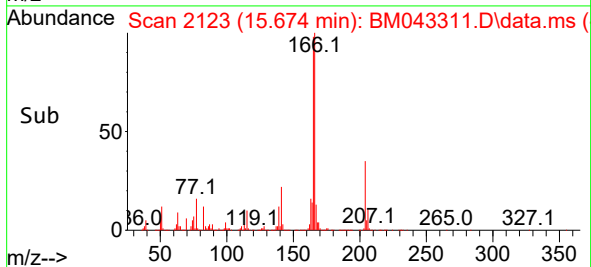
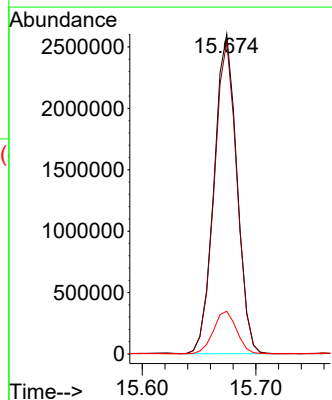
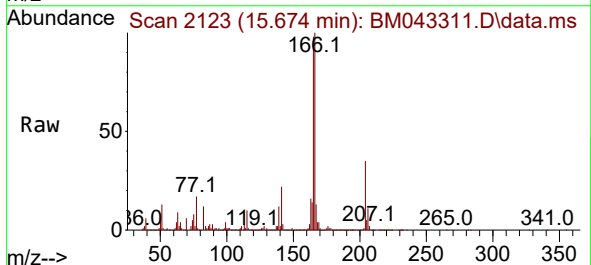
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

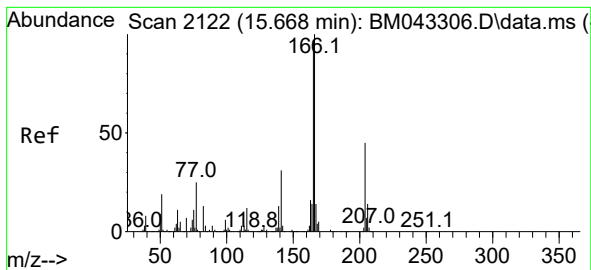
Tgt Ion:149 Resp: 3072001
Ion Ratio Lower Upper
149 100
177 20.5 18.2 27.2
150 12.4 10.0 15.0



#61
Fluorene
Concen: 47.657 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:166 Resp: 3634062
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.3 10.7 16.1

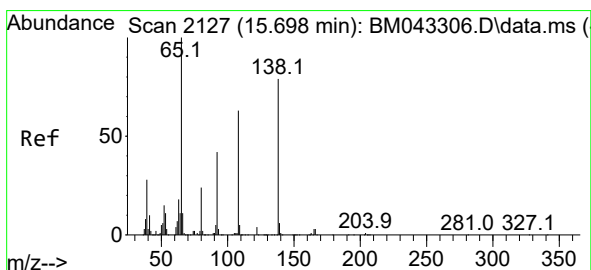
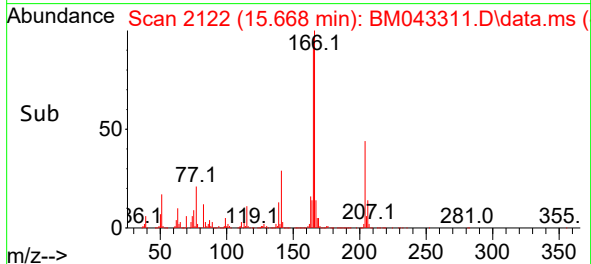
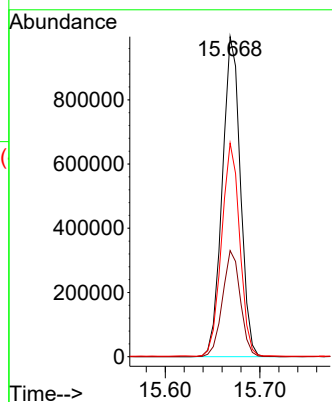
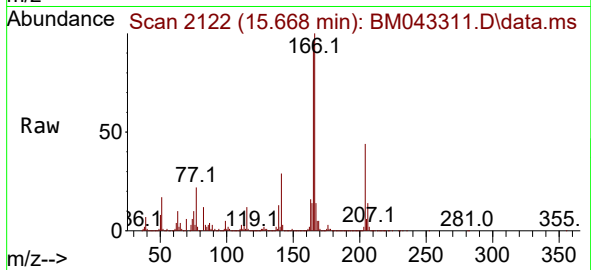




#62
4-Chlorophenyl-phenylether
Concen: 35.105 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

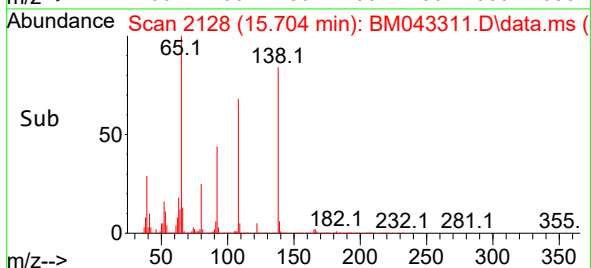
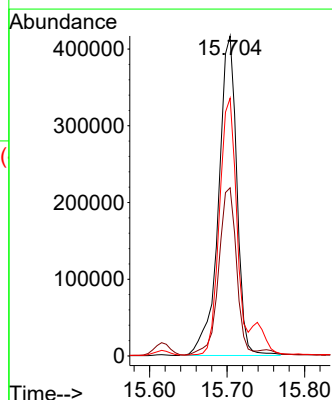
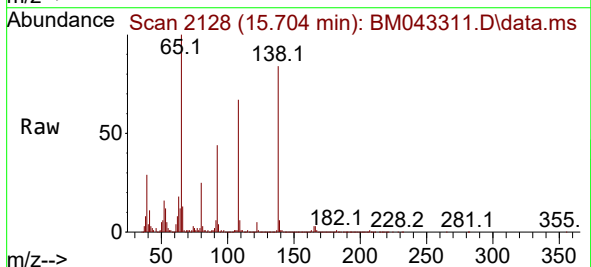
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

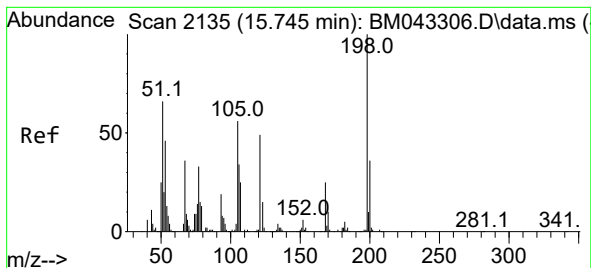
Tgt Ion:204 Resp: 1322501
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 66.7 44.2 66.4#



#63
4-Nitroaniline
Concen: 45.515 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:138 Resp: 685482
Ion Ratio Lower Upper
138 100
92 52.5 40.1 60.1
108 80.6 63.0 94.6

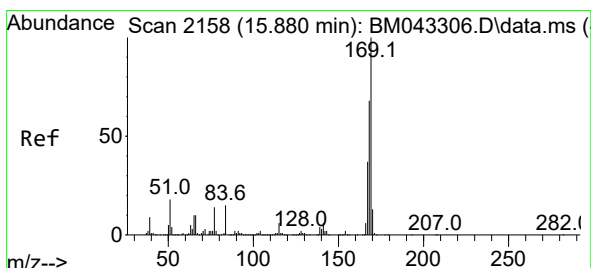
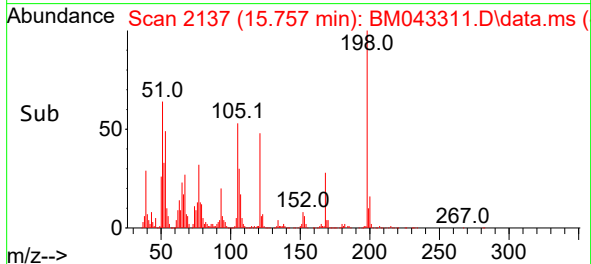
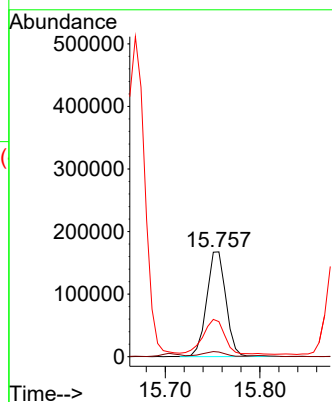
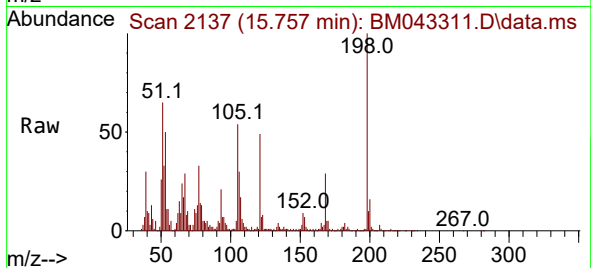




#66
4,6-Dinitro-2-methylphenol
Concen: 24.355 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

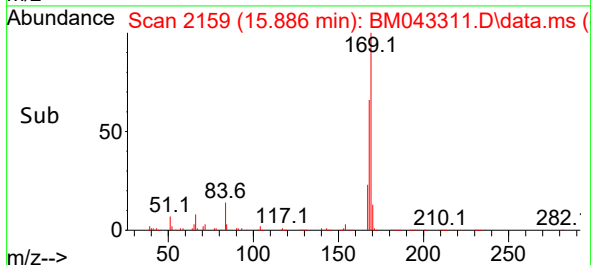
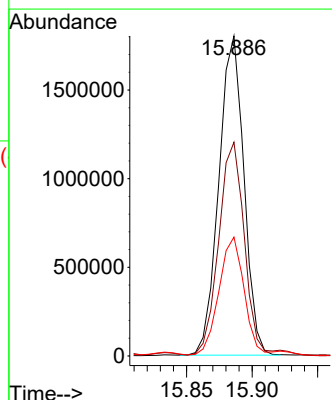
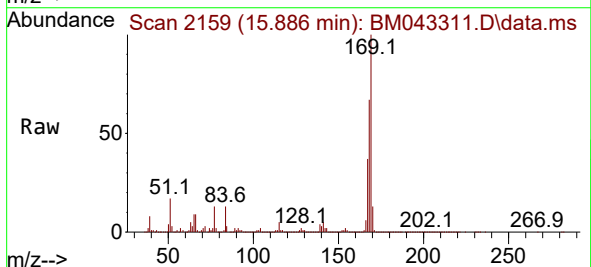
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

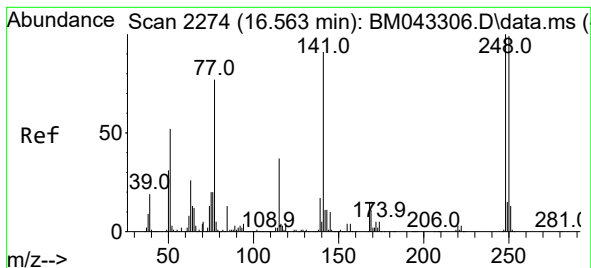
Tgt Ion:198 Resp: 235521
Ion Ratio Lower Upper
198 100
182 4.5 3.2 4.8
77 33.4 20.1 30.1#



#67
N-Nitrosodiphenylamine
Concen: 44.340 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:169 Resp: 2389342
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 37.2 29.4 44.0

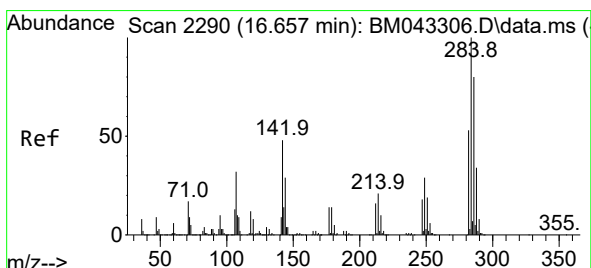
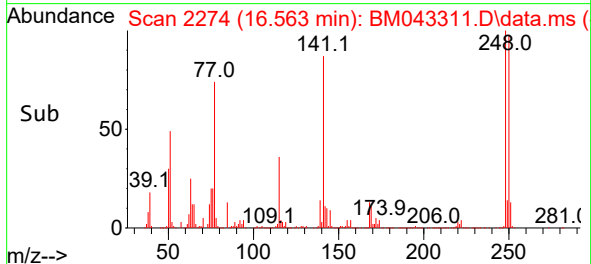
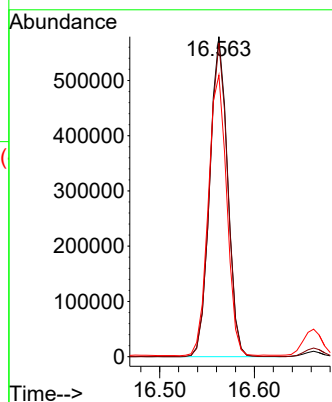
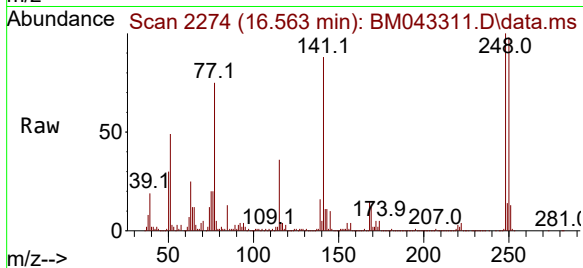




#68
4-Bromophenyl-phenylether
Concen: 39.131 ng/ul
RT: 16.563 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

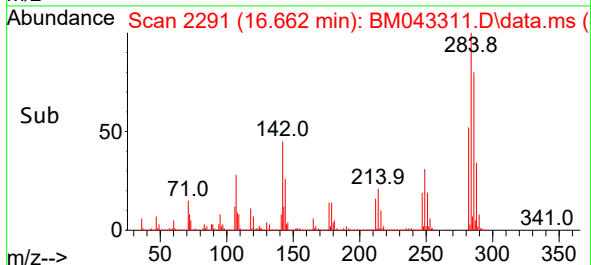
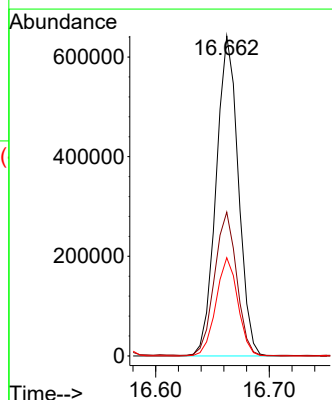
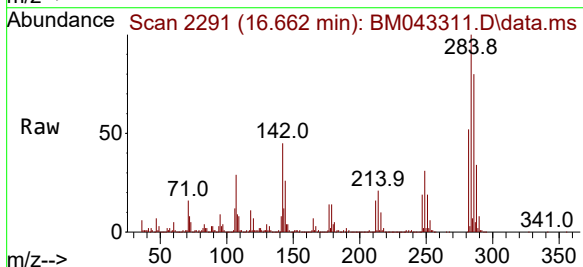
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

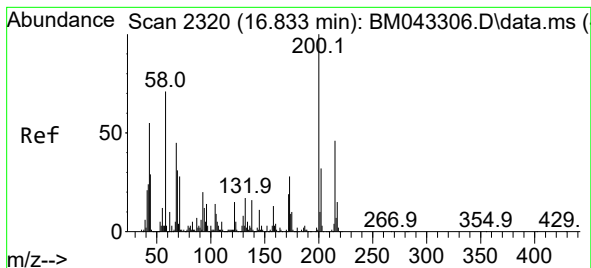
Tgt Ion:248 Resp: 760367
Ion Ratio Lower Upper
248 100
250 98.1 78.9 118.3
141 88.0 60.2 90.2



#69
Hexachlorobenzene
Concen: 37.846 ng/ul
RT: 16.662 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:284 Resp: 872587
Ion Ratio Lower Upper
284 100
142 45.0 26.7 40.1#
249 30.7 24.0 36.0





#70

Atrazine

Concen: 35.562 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

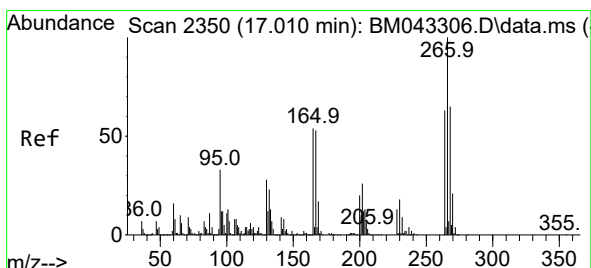
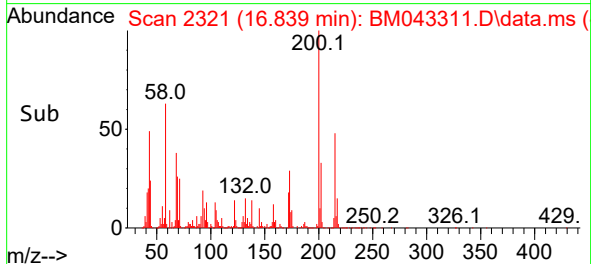
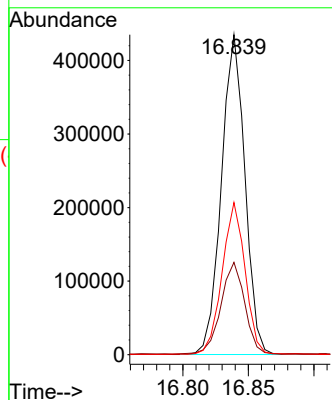
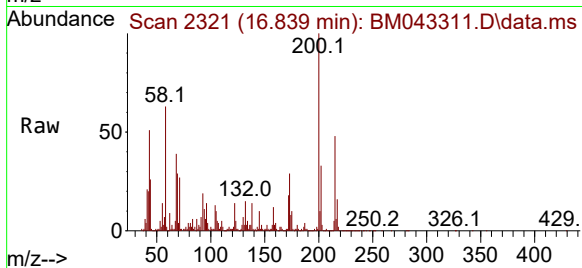
Tgt Ion:200 Resp: 540410

Ion Ratio Lower Upper

200 100

173 28.9 20.6 30.8

215 47.6 39.4 59.2



#71

Pentachlorophenol

Concen: 34.346 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

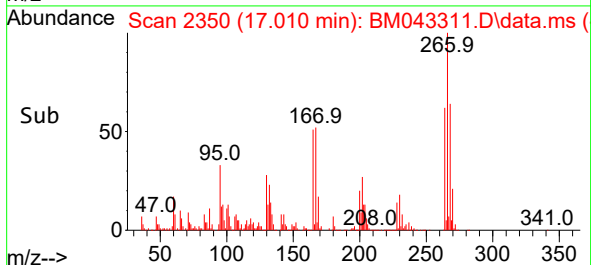
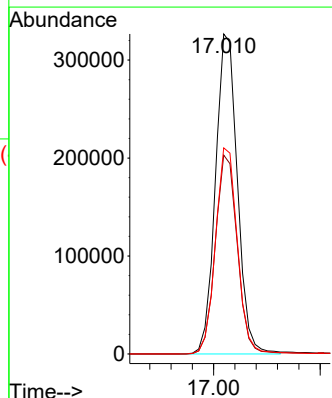
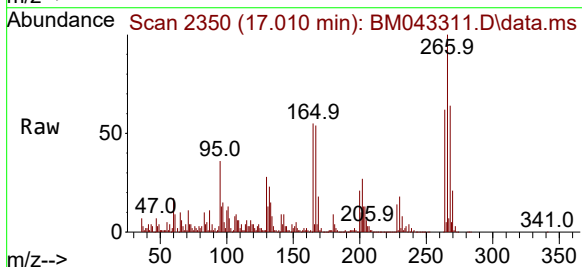
Tgt Ion:266 Resp: 466280

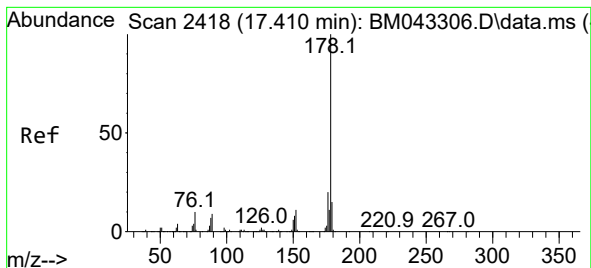
Ion Ratio Lower Upper

266 100

264 62.1 50.5 75.7

268 64.4 50.4 75.6





#72

Phenanthrene

Concen: 78.652 ng/ul

RT: 17.415 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

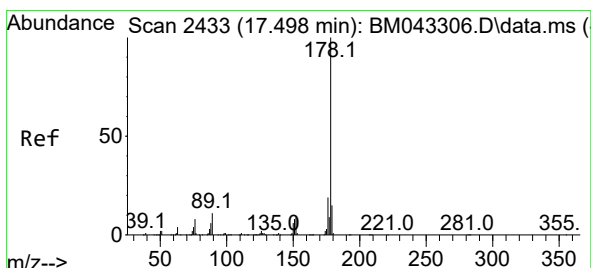
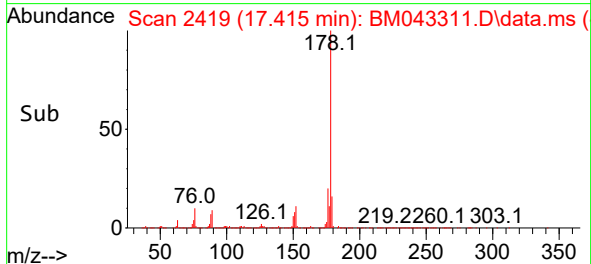
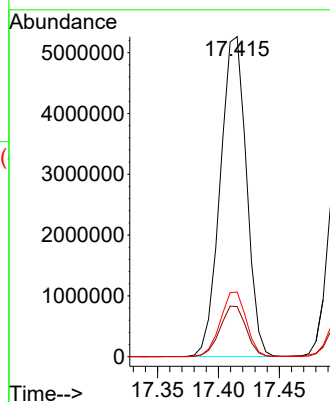
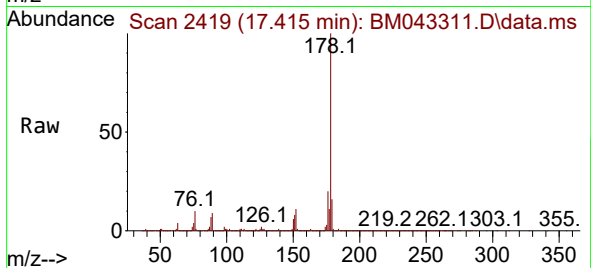
Tgt Ion:178 Resp: 7881122

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 20.2 15.7 23.5



#74

Anthracene

Concen: 95.159 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

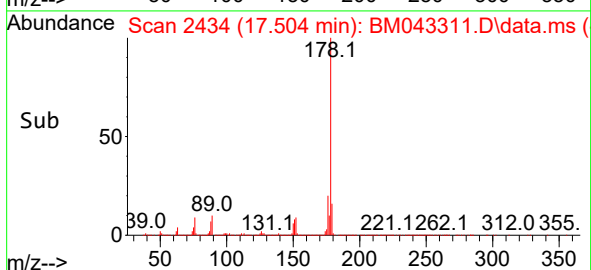
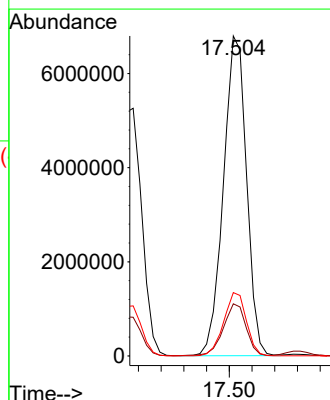
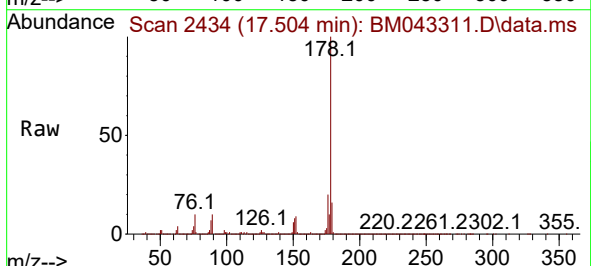
Tgt Ion:178 Resp: 9605027

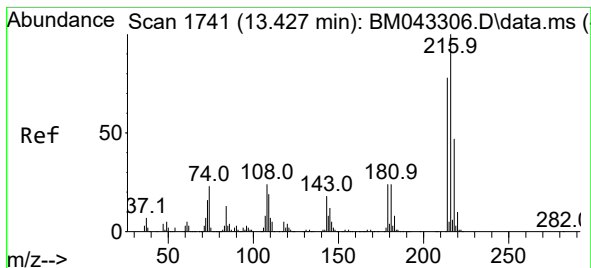
Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

176 19.8 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.454 ng/uL

RT: 13.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

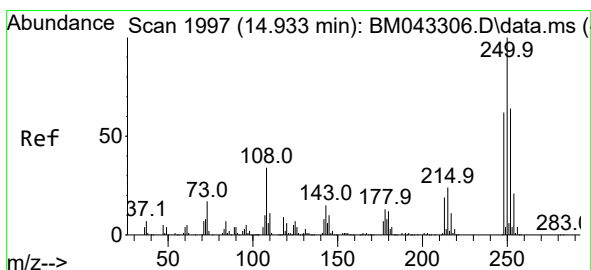
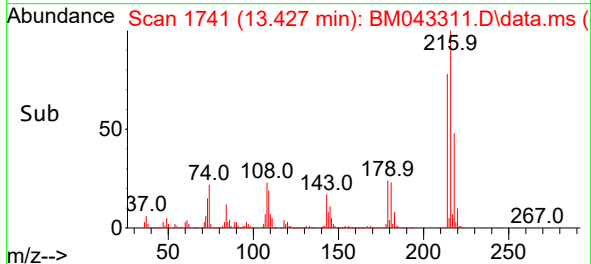
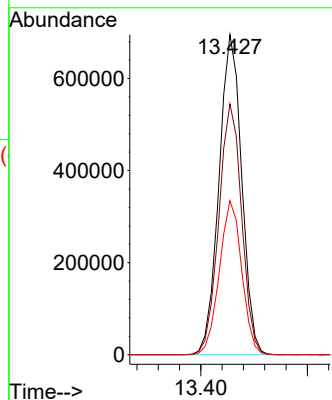
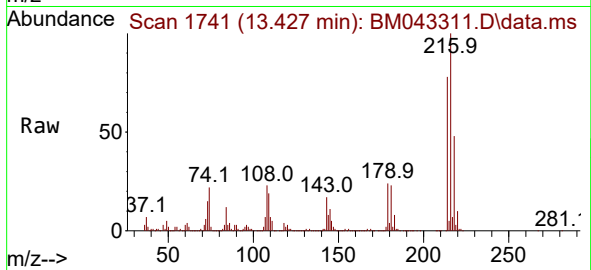
Tgt Ion:216 Resp: 1028409

Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.2

218 48.1 37.6 56.4



#76

Pentachlorobenzene

Concen: 39.229 ng/uL

RT: 14.939 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

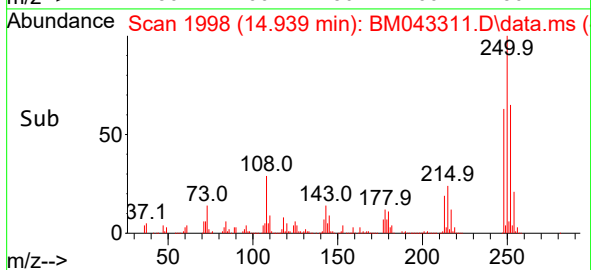
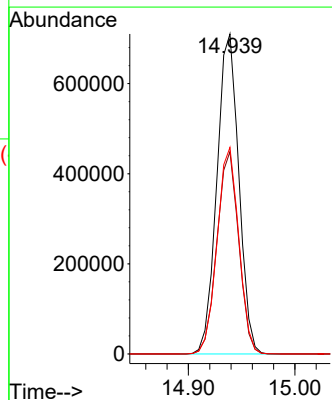
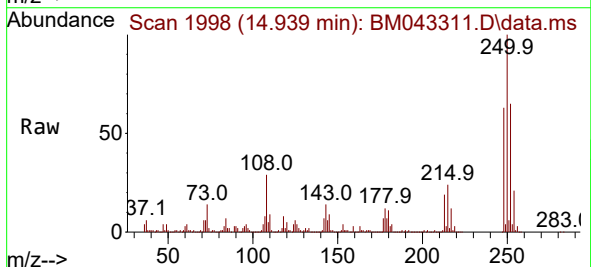
Tgt Ion:250 Resp: 1013460

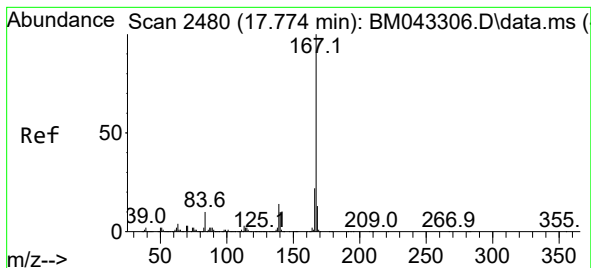
Ion Ratio Lower Upper

250 100

248 63.2 51.8 77.8

252 64.5 51.9 77.9





#77

Carbazole

Concen: 53.576 ng/ul

RT: 17.774 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

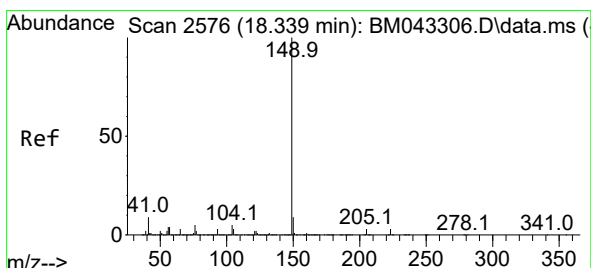
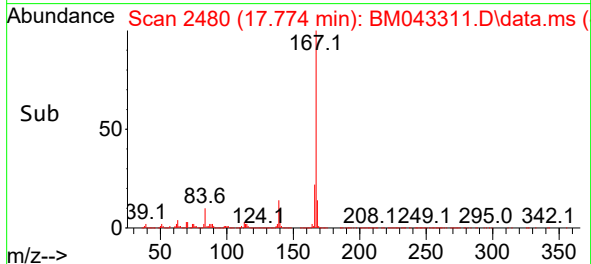
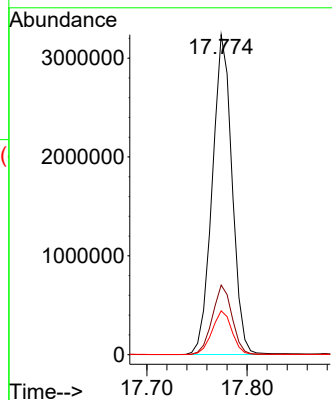
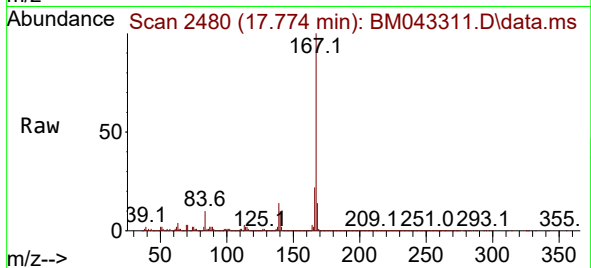
Tgt Ion:167 Resp: 4442115

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.7 9.9 14.9



#78

Di-n-butylphthalate

Concen: 50.781 ng/ul

RT: 18.345 min Scan# 2577

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

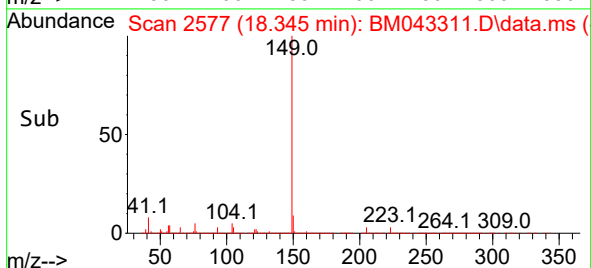
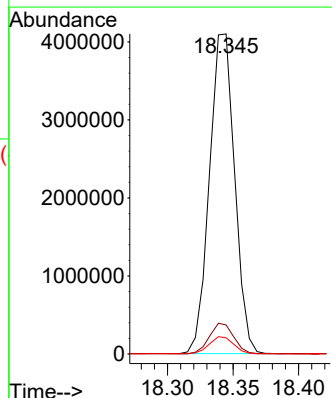
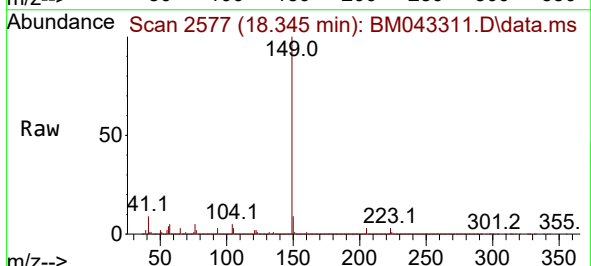
Tgt Ion:149 Resp: 5476561

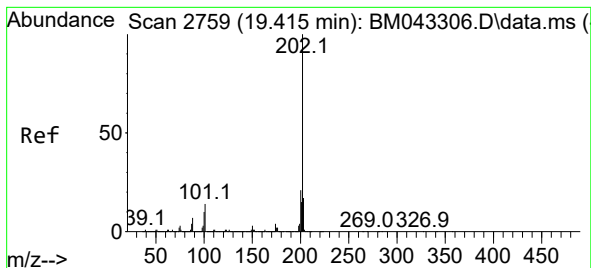
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.1 3.8 5.6





#80

Fluoranthene

Concen: 162.259 ng/u1

RT: 19.421 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

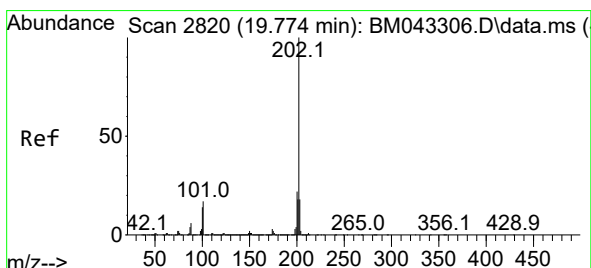
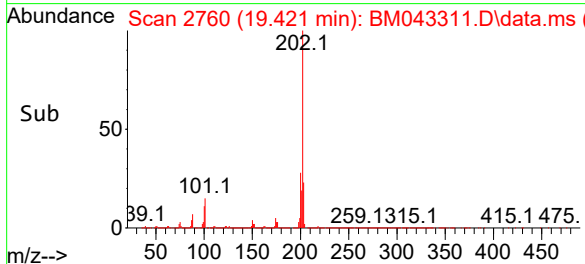
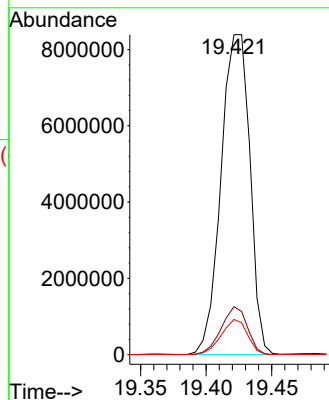
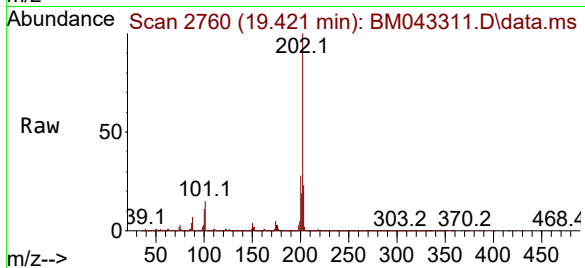
Tgt Ion:202 Resp:12841860

Ion Ratio Lower Upper

202 100

101 15.0 8.2 12.2#

100 11.0 6.1 9.1#



#82

Pyrene

Concen: 149.093 ng/u1

RT: 19.786 min Scan# 2822

Delta R.T. 0.012 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

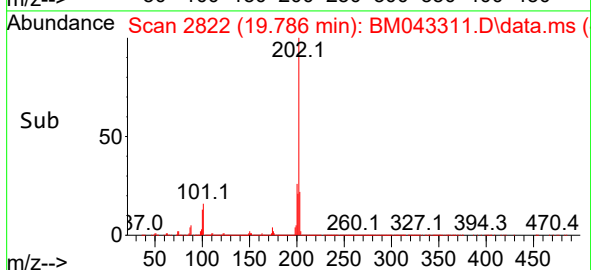
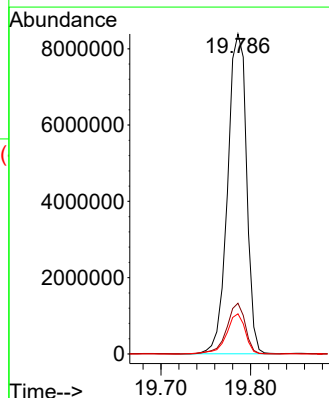
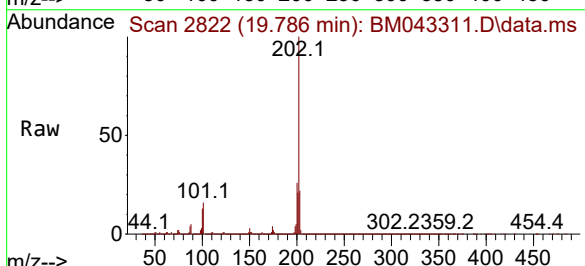
Tgt Ion:202 Resp:12274538

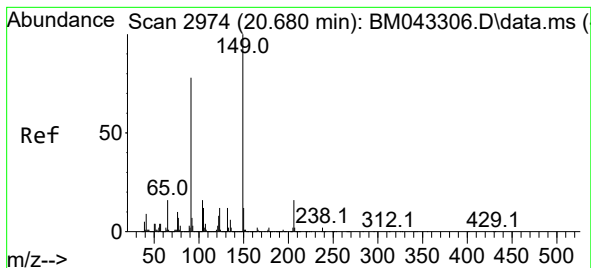
Ion Ratio Lower Upper

202 100

101 15.9 10.2 15.2#

100 12.6 8.2 12.2#





#83

Butylbenzylphthalate

Concen: 67.855 ng/ul

RT: 20.686 min Scan# 2974

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

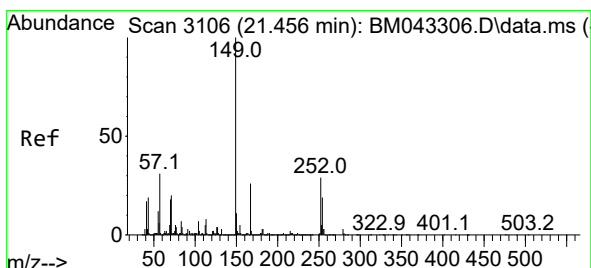
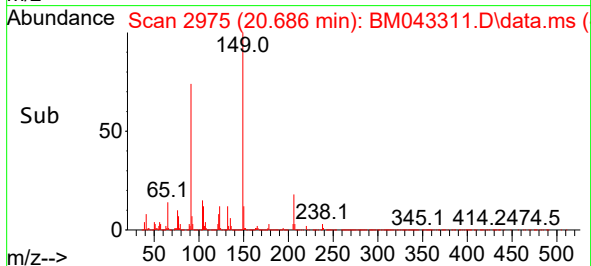
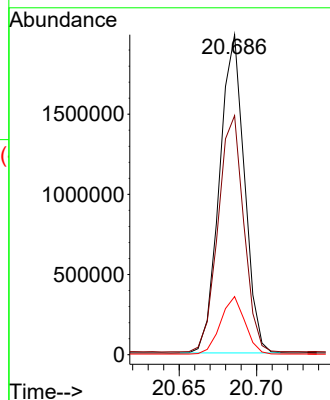
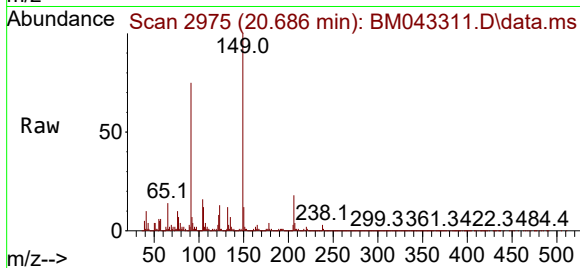
Tgt Ion:149 Resp: 2222139

Ion Ratio Lower Upper

149 100

91 74.7 56.9 85.3

206 18.1 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 26.327 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

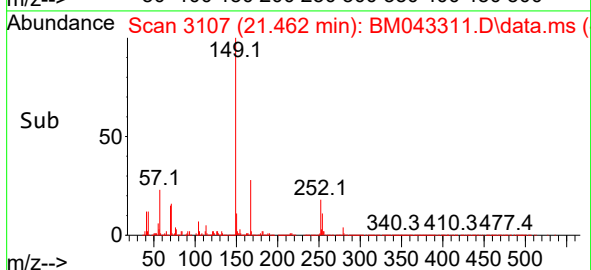
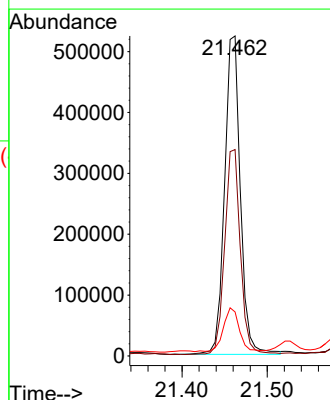
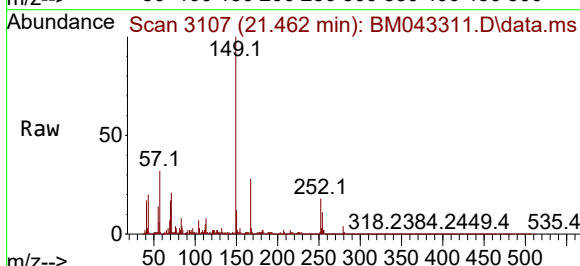
Tgt Ion:252 Resp: 674666

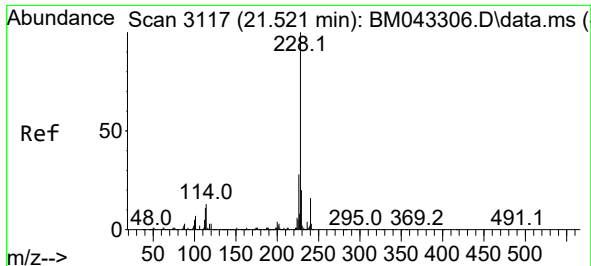
Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

126 13.7 8.8 13.2#

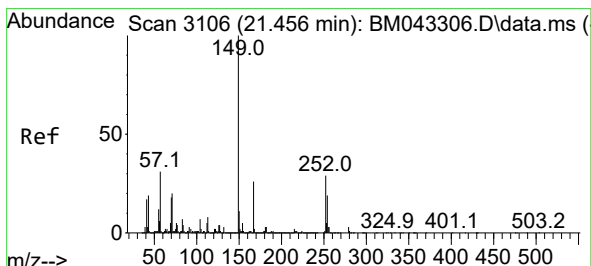
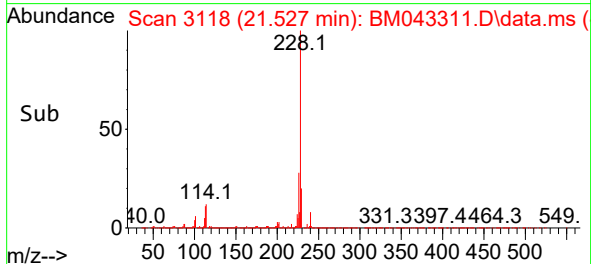
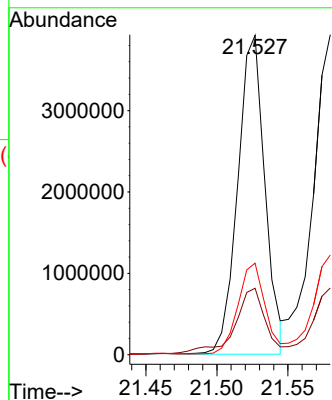
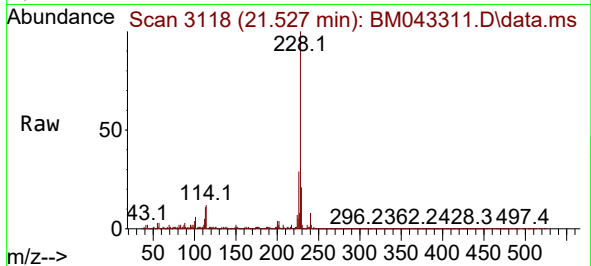




#85
Benzo(a)anthracene
Concen: 62.910 ng/ul
RT: 21.527 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

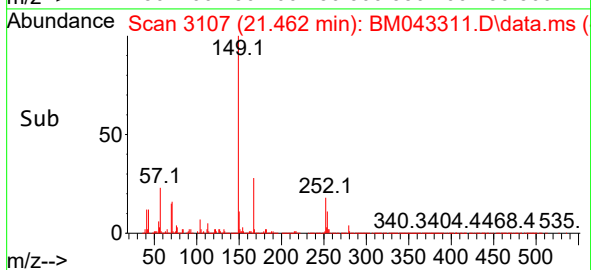
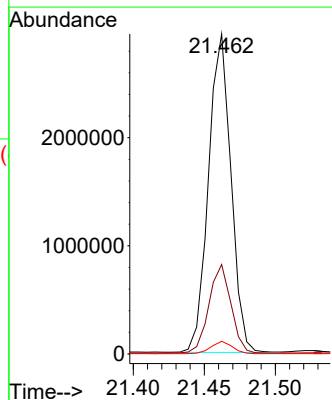
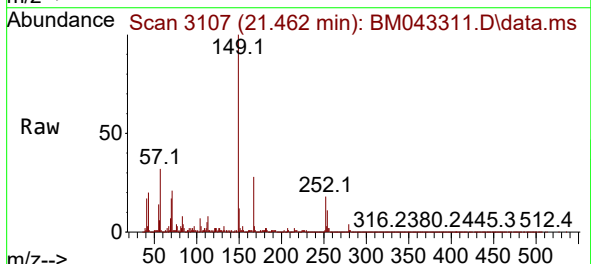
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

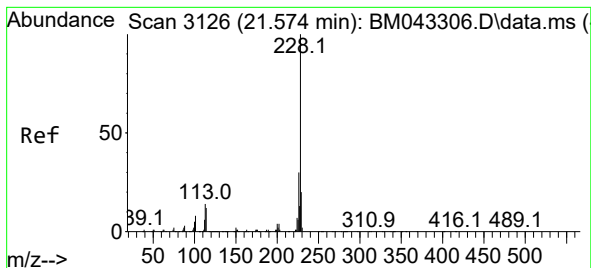
Tgt Ion:228 Resp: 5200991
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.7 22.2 33.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 62.838 ng/ul
RT: 21.462 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BM043311.D
Acq: 13 Dec 2023 21:01

Tgt Ion:149 Resp: 3248402
Ion Ratio Lower Upper
149 100
167 28.0 22.6 34.0
279 3.9 3.7 5.5





#87

Chrysene

Concen: 72.800 ng/ul

RT: 21.580 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

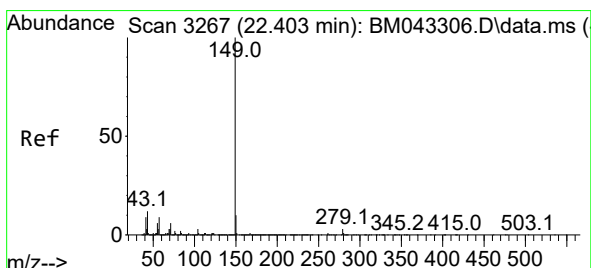
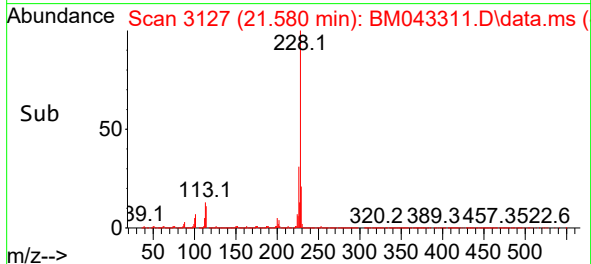
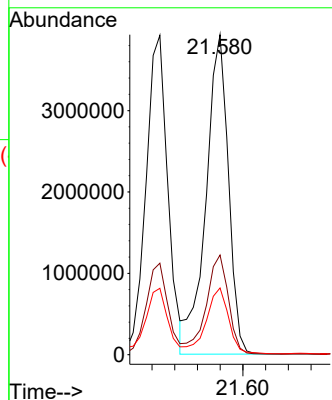
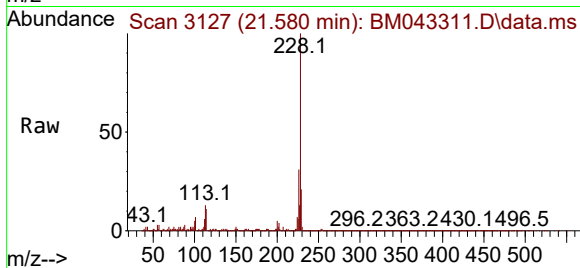
Tgt Ion:228 Resp: 5375520

Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

229 20.9 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 72.592 ng/ul

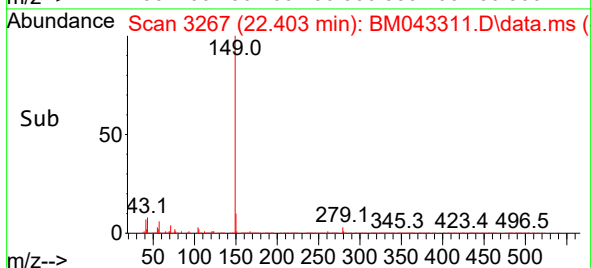
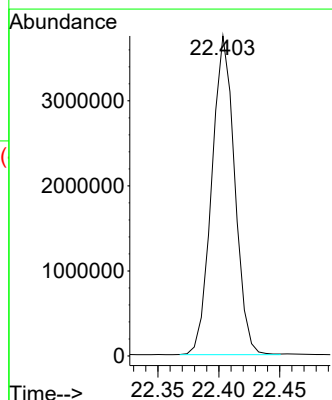
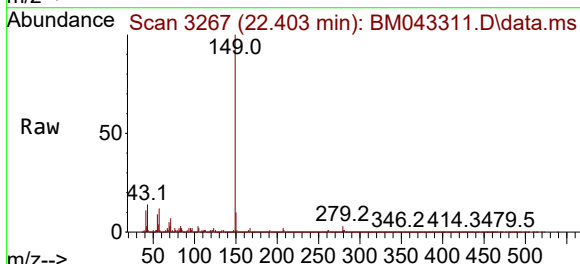
RT: 22.403 min Scan# 3267

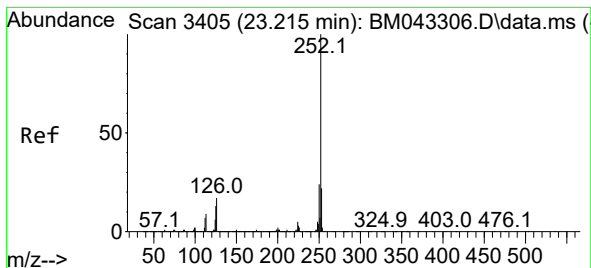
Delta R.T. -0.000 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Tgt Ion:149 Resp: 4920031





#90

Benzo(b)fluoranthene

Concen: 71.605 ng/ul

RT: 23.227 min Scan# 3405

Delta R.T. 0.012 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

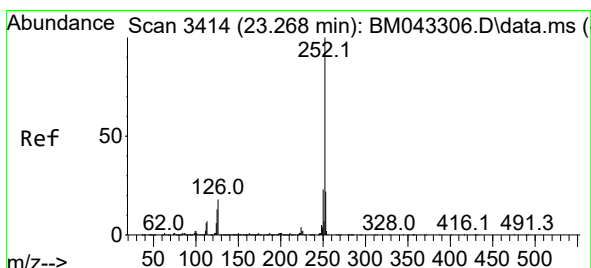
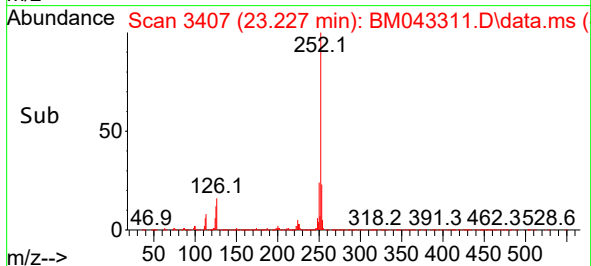
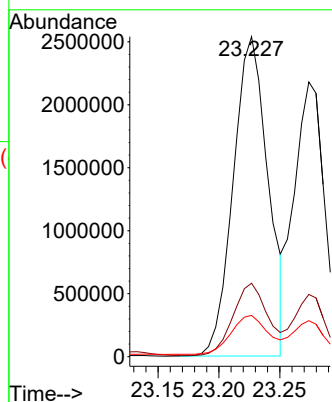
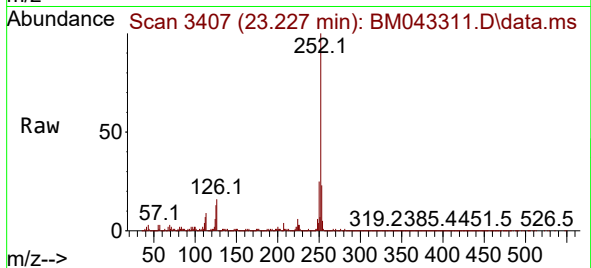
Tgt Ion:252 Resp: 5034104

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 12.9 7.2 10.8#



#91

Benzo(k)fluoranthene

Concen: 54.127 ng/ul

RT: 23.274 min Scan# 3415

Delta R.T. 0.006 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

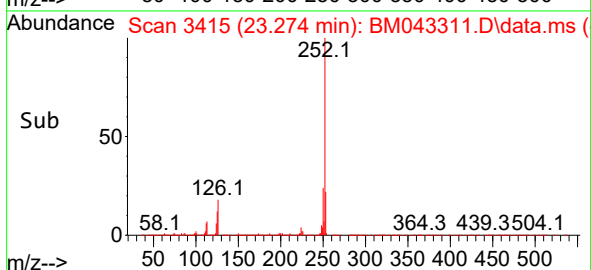
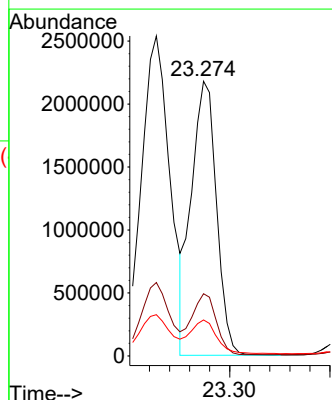
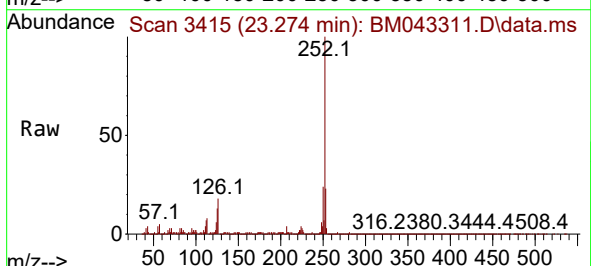
Tgt Ion:252 Resp: 3789980

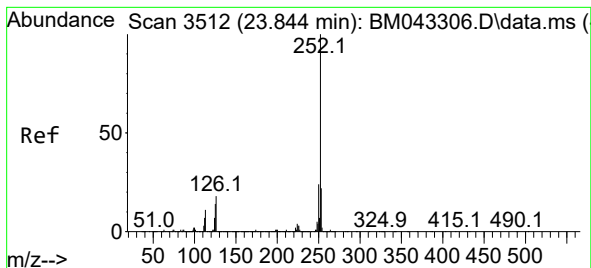
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 13.1 7.7 11.5#





#93

Benzo(a)pyrene

Concen: 54.617 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

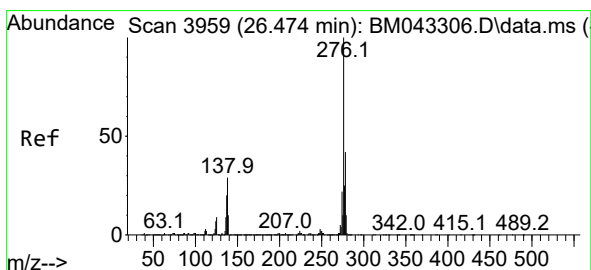
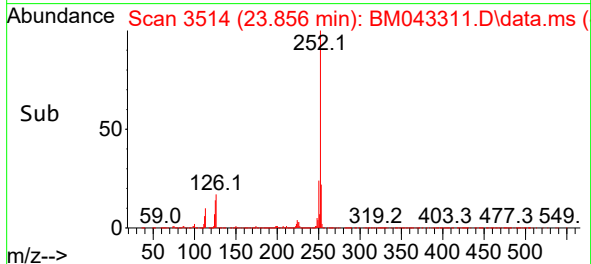
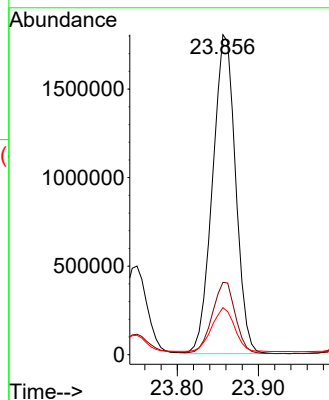
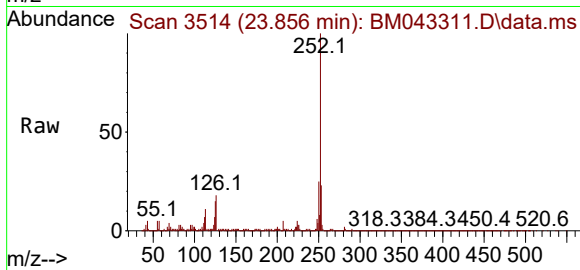
Tgt Ion:252 Resp: 3549180

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 14.7 8.4 12.6#



#94

Indeno(1,2,3-cd)pyrene

Concen: 52.632 ng/ul

RT: 26.497 min Scan# 3963

Delta R.T. 0.023 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

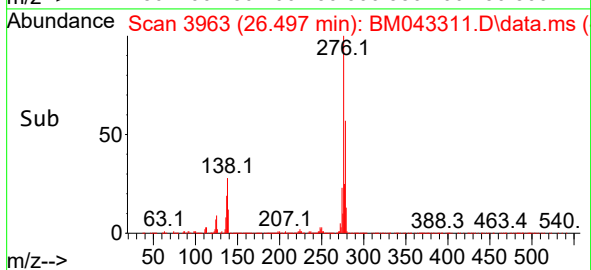
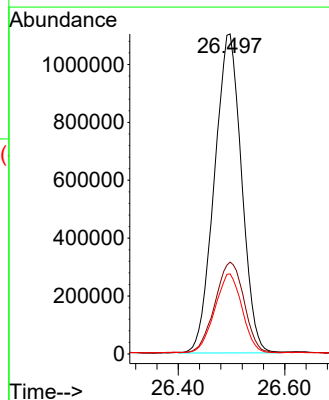
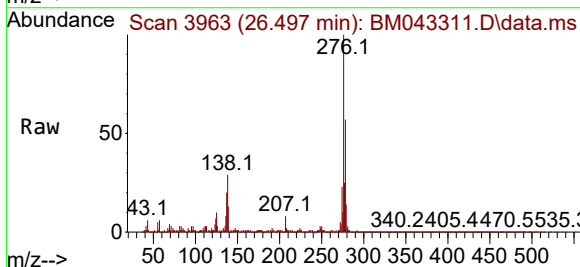
Tgt Ion:276 Resp: 3895816

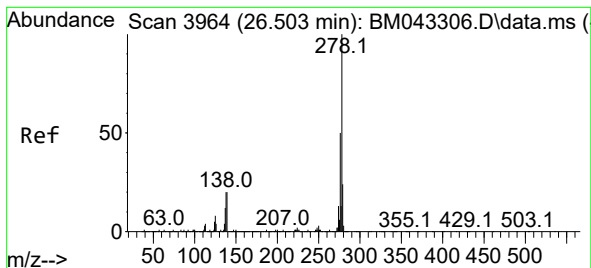
Ion Ratio Lower Upper

276 100

138 28.7 16.9 25.3#

277 25.0 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 46.168 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. 0.012 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCLH7MS

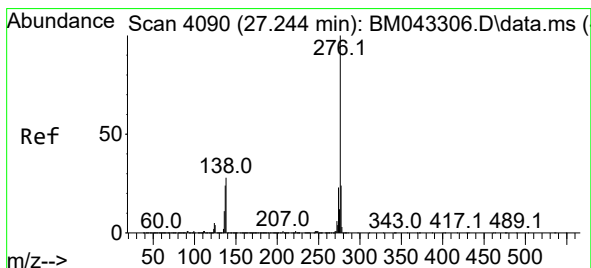
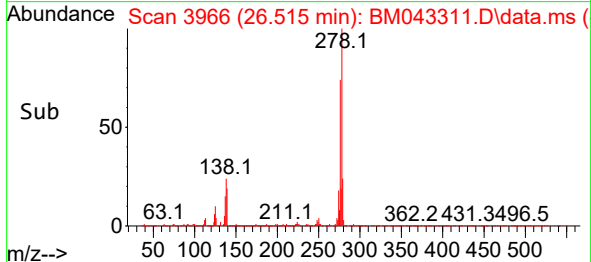
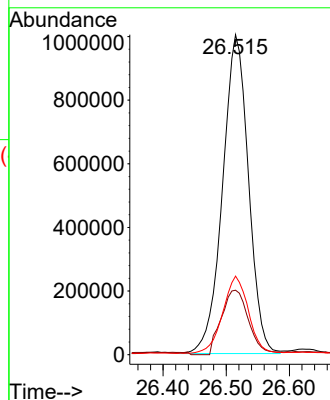
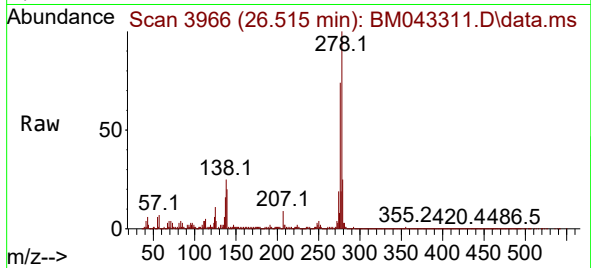
Tgt Ion:278 Resp: 2857425

Ion Ratio Lower Upper

278 100

139 20.1 11.9 17.9#

279 24.5 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 52.398 ng/ul

RT: 27.268 min Scan# 4094

Delta R.T. 0.023 min

Lab File: BM043311.D

Acq: 13 Dec 2023 21:01

Tgt Ion:276 Resp: 2922106

Ion Ratio Lower Upper

276 100

138 27.5 16.2 24.2#

277 23.9 18.7 28.1

