

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042314.D
 Acq On : 17 Oct 2023 00:29
 Operator : MA/JU
 Sample : PB156404BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP122

Quant Time: Oct 17 01:31:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	157632	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	727780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	442929	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	930720	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	898638	20.000	ng/u1	0.00
88) Perylene-d12	24.062	264	853604	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	32566	6.455	ng/uL	0.00
4) Pyridine-d5	3.805	84	496850	33.253	ng/u1	0.00
7) Phenol-d5	7.163	99	600375	34.367	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	398756	33.781	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	427588	35.580	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	470836	34.032	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	219166	35.459	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	235618	35.660	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	418473	34.706	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	590260	31.091	ng/u1	0.00
46) Dimethylphthalate-d6	14.074	166	1325309	34.517	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1487988	35.409	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	267206	34.600	ng/u1	0.00
60) Fluorene-d10	15.645	176	1100983	34.882	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	226110	34.680	ng/u1	0.00
73) Anthracene-d10	17.510	188	1691454	35.477	ng/u1	0.00
81) Pyrene-d10	19.798	212	2037560	37.202	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.903	264	1800326	38.425	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	66697	12.061	ng/uL	99
5) Pyridine	3.822	79	486986	31.483	ng/u1	97
6) Benzaldehyde	7.175	77	307214	34.401	ng/u1	97
8) Phenol	7.193	94	604692	34.274	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.451	93	484986	33.103	ng/u1	97
12) 2-Chlorophenol	7.569	128	427776	34.079	ng/u1	100
13) 2-Methylphenol	8.451	108	439846	33.404	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	412509	16.514	ng/u1	99
16) Acetophenone	8.863	105	723161	33.670	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.839	70	425129	33.443	ng/u1	99
18) 4-Methylphenol	8.787	108	488831	33.686	ng/u1	100
19) Hexachloroethane	9.081	117	179476	33.890	ng/u1	98
22) Nitrobenzene	9.257	77	593067	33.925	ng/u1	99
23) Isophorone	9.769	82	1150557	33.942	ng/u1	100
25) 2-Nitrophenol	9.957	139	248017	34.302	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	464391	30.221	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.251	93	694147	32.750	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	401182	34.066	ng/u1	99
30) Naphthalene	10.886	128	1411939	33.096	ng/u1	99
32) 4-Chloroaniline	11.022	127	502579	27.388	ng/u1	98
33) Hexachlorobutadiene	11.116	225	231911	34.115	ng/u1	98
34) Caprolactam	11.839	113	80653	18.757	ng/u1	98
35) 4-Chloro-3-methylphenol	12.116	107	503187	34.689	ng/u1	97
36) 2-Methylnaphthalene	12.492	142	947315	32.441	ng/u1	99

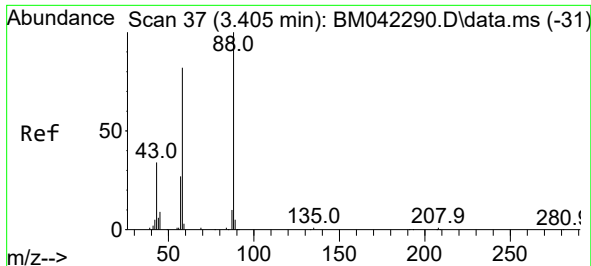
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	972573	32.953	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	474085	33.992	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	251480	27.861	ng/ul	97
41) 2,4,6-Trichlorophenol	13.092	196	273585	29.340	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	316034	31.569	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	1257601	33.128	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	964527	33.147	ng/ul	99
45) 2-Nitroaniline	13.774	65	381334	36.452	ng/ul	100
47) Dimethylphthalate	14.121	163	1252671	32.786	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	250700	36.246	ng/ul	93
50) Acenaphthylene	14.386	152	1540814	31.749	ng/ul	100
51) 3-Nitroaniline	14.604	138	275625	33.807	ng/ul	100
52) Acenaphthene	14.721	153	1073832	32.938	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	146926	31.384	ng/ul	97
55) 4-Nitrophenol	14.886	109	213153	34.024	ng/ul	97
56) Dibenzofuran	15.057	168	1458658	33.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	367053	35.990	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.268	232	218058	25.955	ng/ul	96
59) Diethylphthalate	15.468	149	1305852	33.483	ng/ul	98
61) Fluorene	15.704	166	1218466	33.543	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	597796	34.083	ng/ul	99
63) 4-Nitroaniline	15.768	138	276615	37.937	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.792	198	215748	31.642	ng/ul#	99
67) N-Nitrosodiphenylamine	15.916	169	1019307	34.424	ng/ul	98
68) 4-Bromophenyl-phenylether	16.592	248	350625	35.025	ng/ul	95
69) Hexachlorobenzene	16.674	284	394395	34.651	ng/ul	96
71) Pentachlorophenol	17.033	266	153663	19.924	ng/ul	98
72) Phenanthrene	17.451	178	1938033	33.946	ng/ul	100
74) Anthracene	17.545	178	1942871	33.833	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	481151	34.891	ng/uL	99
76) Pentachlorobenzene	14.951	250	465573	34.384	ng/uL	97
77) Carbazole	17.827	167	1805867	34.523	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2330419	35.195	ng/ul	100
80) Fluoranthene	19.462	202	2317123	35.726	ng/ul	96
82) Pyrene	19.827	202	2428684	35.618	ng/ul	98
83) Butylbenzylphthalate	20.703	149	1079852	37.152	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.509	252	717557	33.427	ng/ul	98
85) Benzo(a)anthracene	21.574	228	2309891	33.884	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1604666	37.366	ng/ul#	98
87) Chrysene	21.627	228	2143508	34.191	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	2768558	40.154	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	2156125	37.172	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	2147515	37.435	ng/ul	98
93) Benzo(a)pyrene	23.956	252	1842491	33.945	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.668	276	2191346	33.241	ng/ul	99
95) Dibenzo(a,h)anthracene	26.685	278	1824672	33.366	ng/ul	97
96) Benzo(g,h,i)perylene	27.479	276	1690251	32.776	ng/ul	98

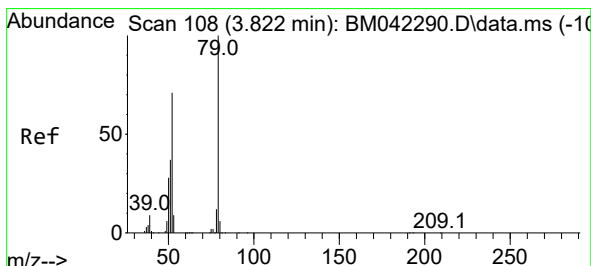
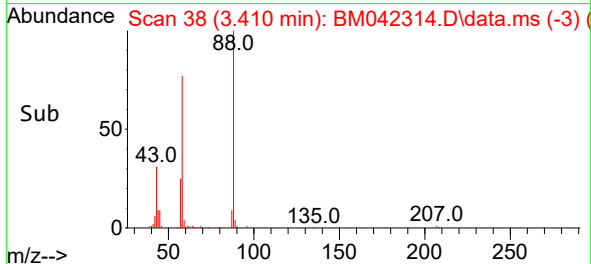
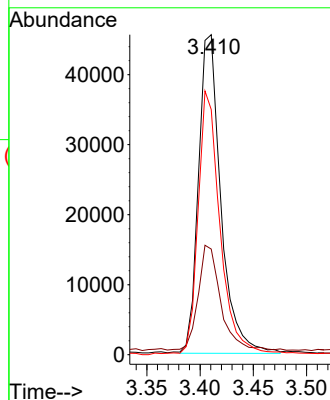
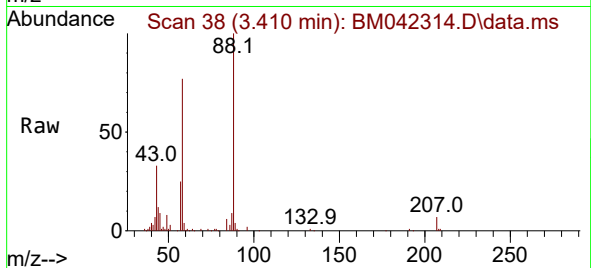
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#2
1,4-Dioxane
Concen: 12.061 ng/uL
RT: 3.410 min Scan# 38
Delta R.T. 0.006 min
Lab File: BM042314.D
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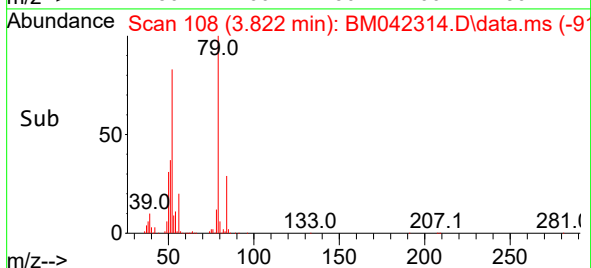
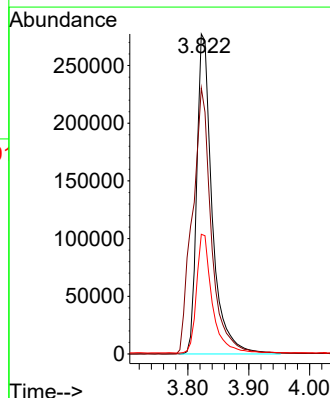
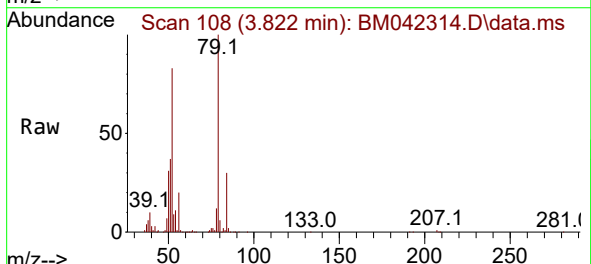
Instrument :
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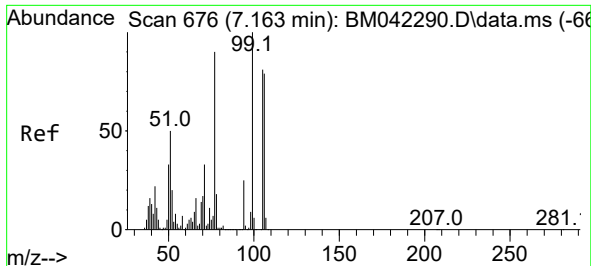
Tgt Ion: 88 Resp: 66697
Ion Ratio Lower Upper
88 100
43 33.0 27.5 41.3
58 76.6 61.8 92.8



#5
Pyridine
Concen: 31.483 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion: 79 Resp: 486986
Ion Ratio Lower Upper
79 100
52 83.1 63.8 95.6
51 37.4 30.2 45.2

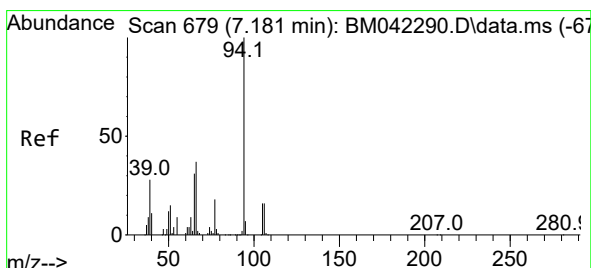
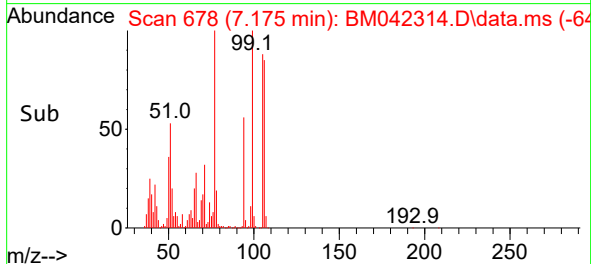
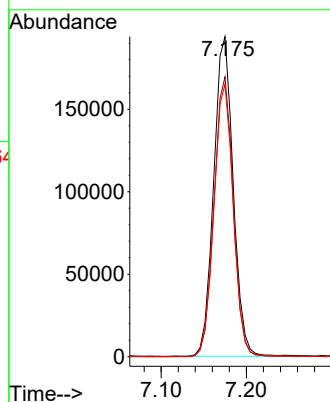
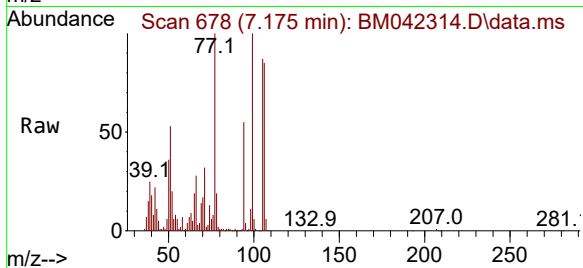




#6
Benzaldehyde
Concen: 34.401 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

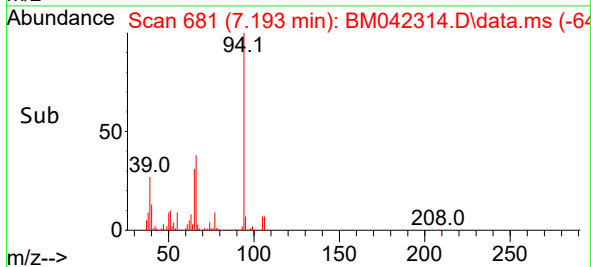
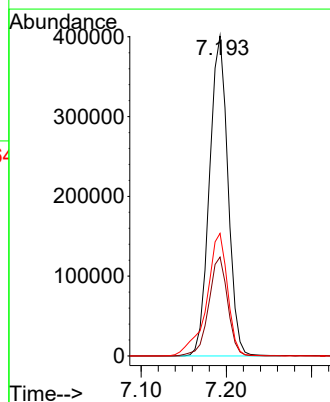
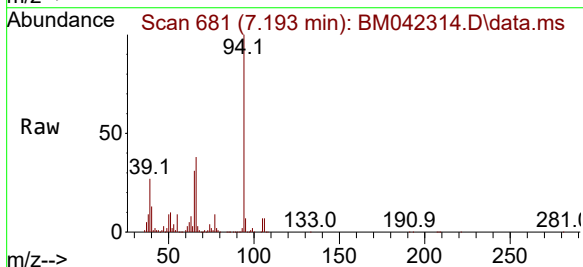
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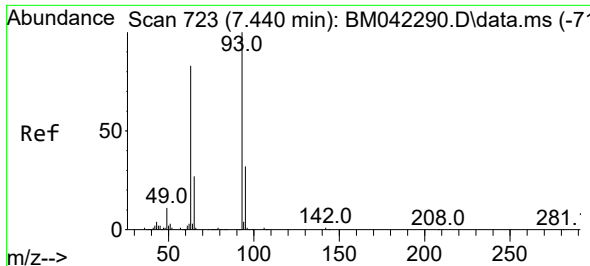
Tgt Ion: 77 Resp: 307214
Ion Ratio Lower Upper
77 100
105 87.4 70.6 105.8
106 85.2 71.6 107.4



#8
Phenol
Concen: 34.274 ng/ul
RT: 7.193 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion: 94 Resp: 604692
Ion Ratio Lower Upper
94 100
65 30.9 24.1 36.1
66 38.3 30.7 46.1

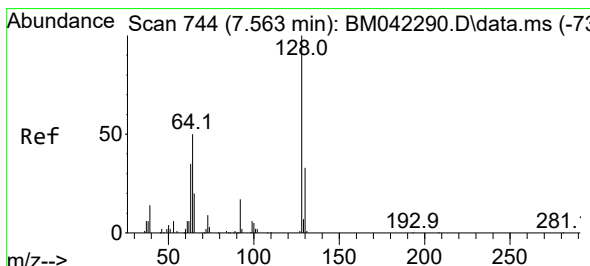
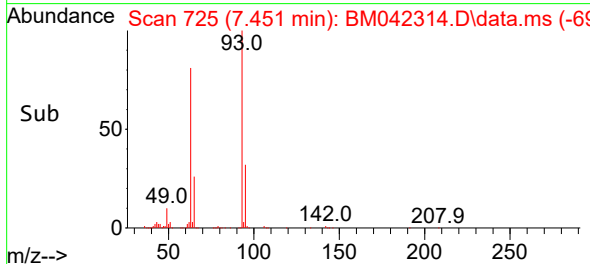
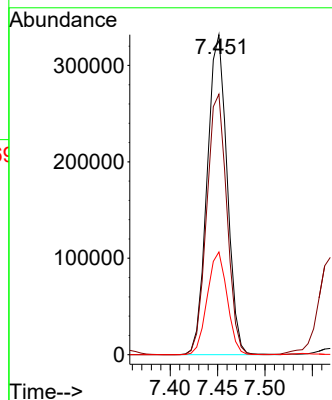
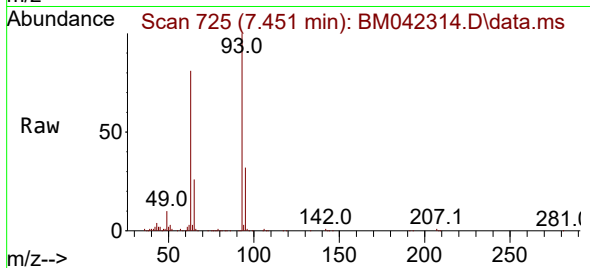




#10
Bis(2-Chloroethyl)ether
Concen: 33.103 ng/ul
RT: 7.451 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

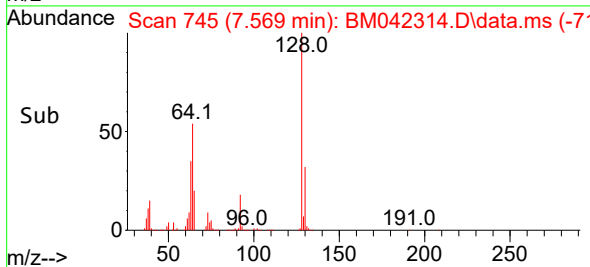
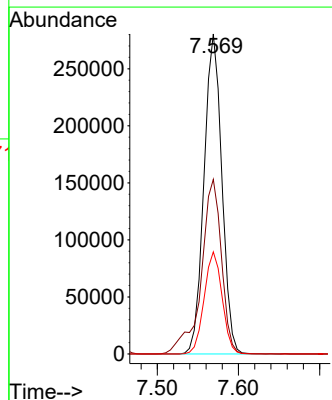
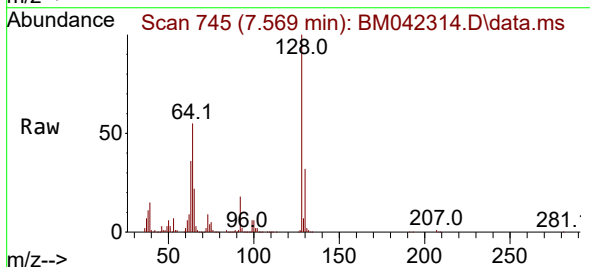
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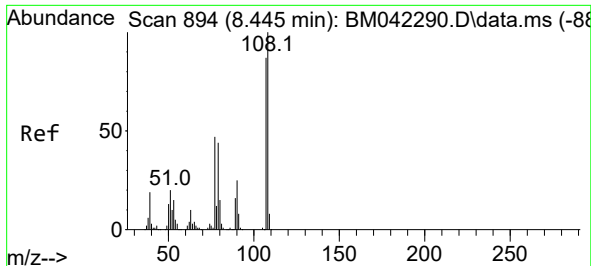
Tgt Ion: 93 Resp: 484986
Ion Ratio Lower Upper
93 100
63 81.4 67.3 100.9
95 32.1 26.7 40.1



#12
2-Chlorophenol
Concen: 34.079 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:128 Resp: 427776
Ion Ratio Lower Upper
128 100
64 54.6 43.8 65.6
130 31.9 25.9 38.9

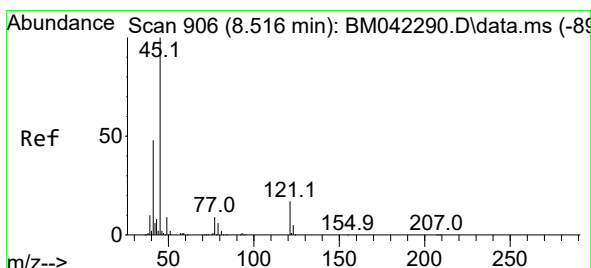
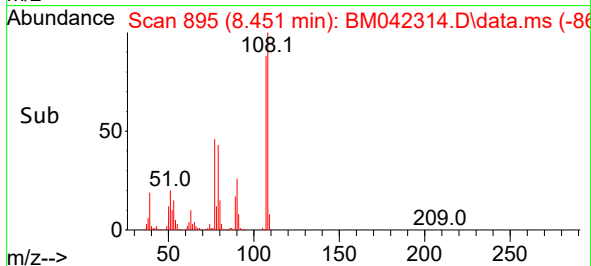
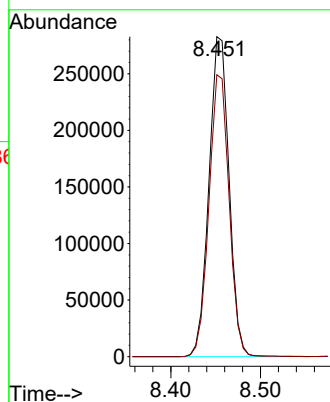
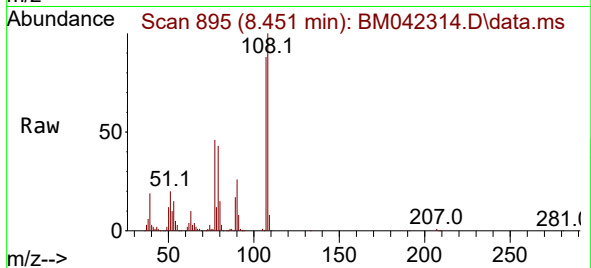




#13
2-Methylphenol
Concen: 33.404 ng/ul
RT: 8.451 min Scan# 895
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

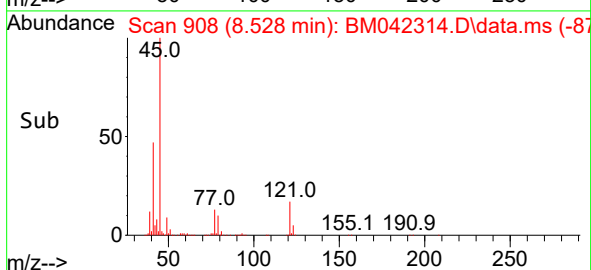
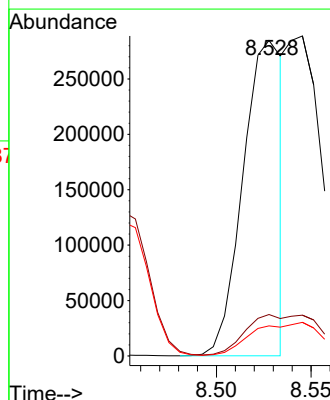
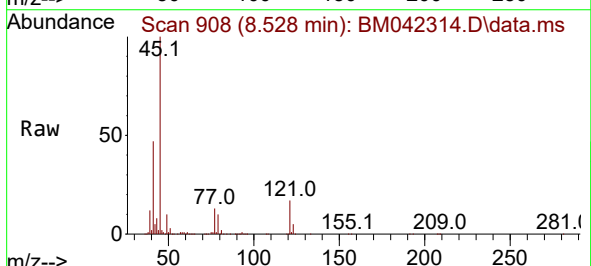
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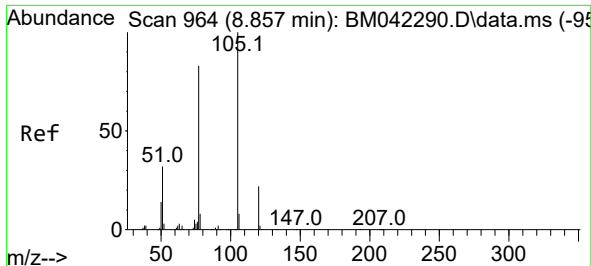
Tgt Ion:108 Resp: 439846
Ion Ratio Lower Upper
108 100
107 88.1 70.6 106.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 16.514 ng/ul
RT: 8.528 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion: 45 Resp: 412509
Ion Ratio Lower Upper
45 100
77 13.1 10.5 15.7
79 9.5 7.3 10.9

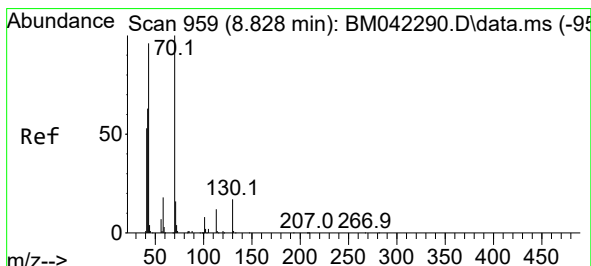
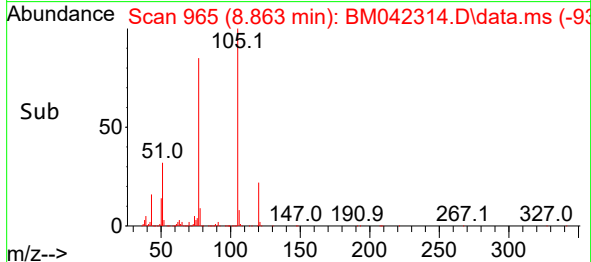
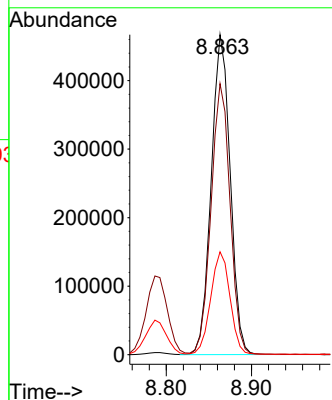
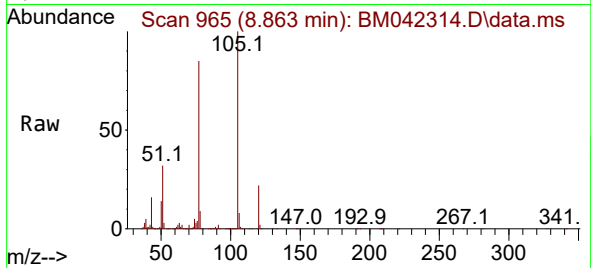




#16
Acetophenone
Concen: 33.670 ng/ul
RT: 8.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

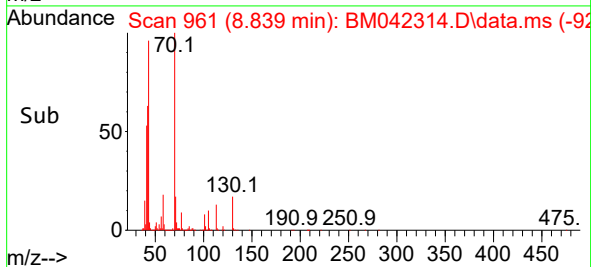
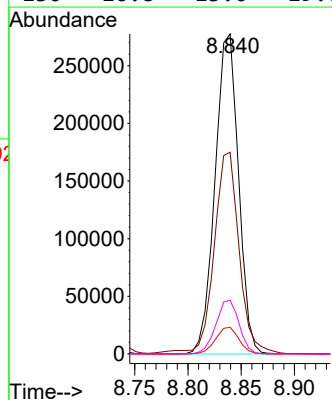
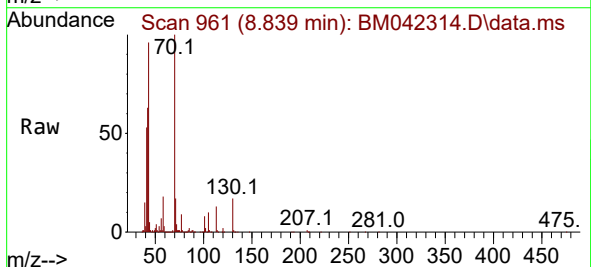
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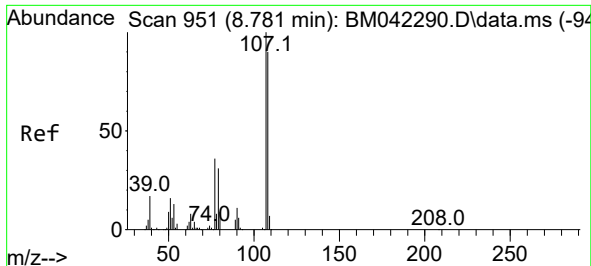
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Ion Ratio Lower Upper
105 100
77 84.7 67.8 101.8
51 32.1 26.9 40.3



#17
N-Nitroso-di-n-propylamine
Concen: 33.443 ng/ul
RT: 8.839 min Scan# 961
Delta R.T. 0.012 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion: 70 Resp: 425129
Ion Ratio Lower Upper
70 100
42 63.0 51.0 76.4
101 8.4 6.7 10.1
130 16.8 13.0 19.6

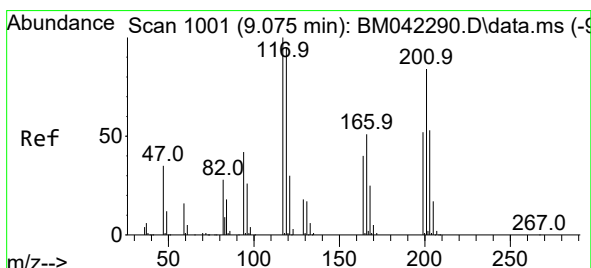
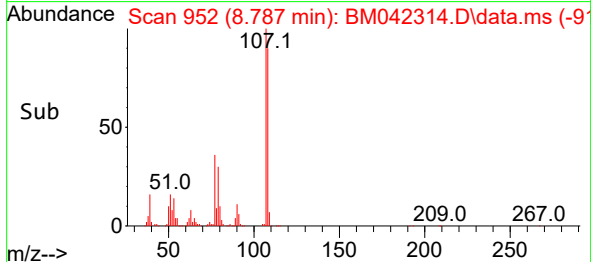
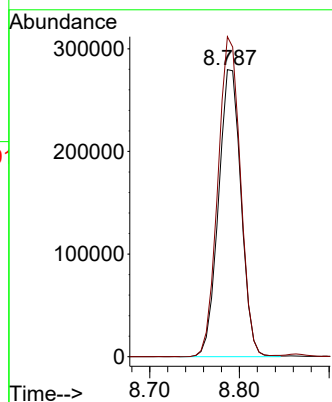
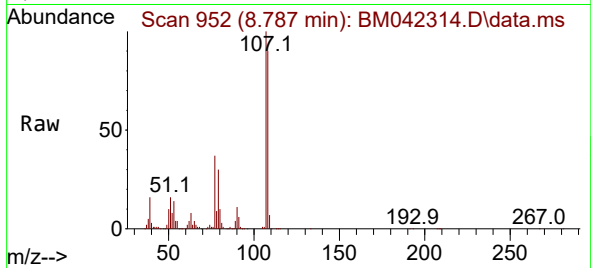




#18
4-Methylphenol
Concen: 33.686 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

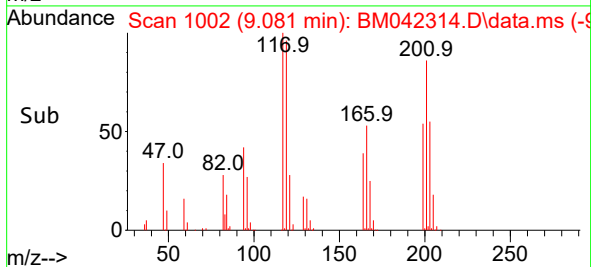
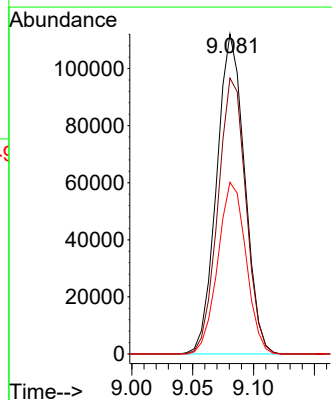
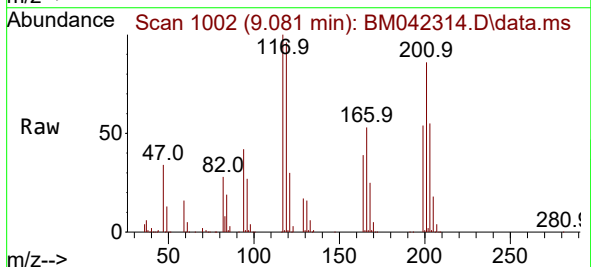
Instrument :
BNA_M
ClientSampleId :
DFTPP122

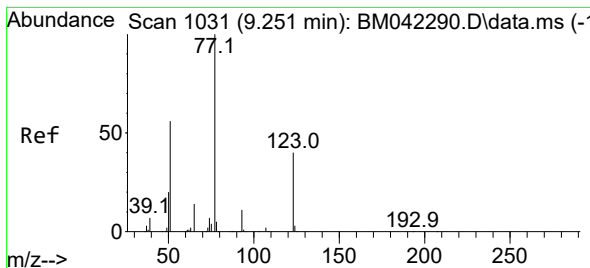
Tgt Ion:108 Resp: 488831
Ion Ratio Lower Upper
108 100
107 111.5 89.0 133.6



#19
Hexachloroethane
Concen: 33.890 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:117 Resp: 179476
Ion Ratio Lower Upper
117 100
201 86.2 69.8 104.8
199 53.7 40.8 61.2

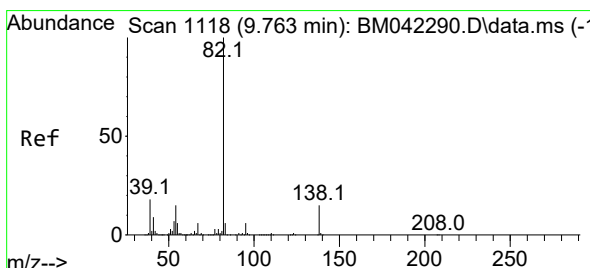
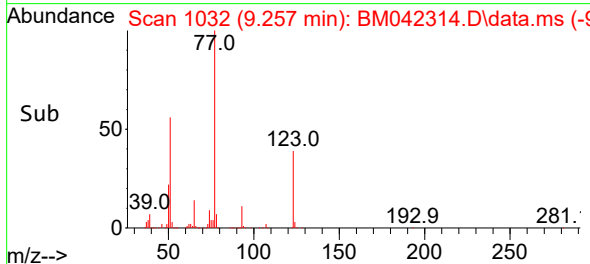
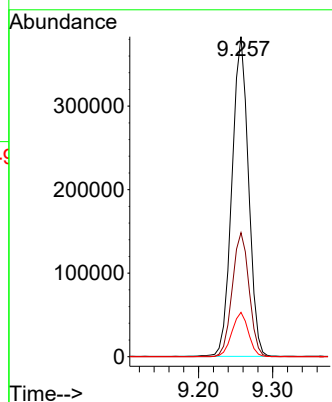
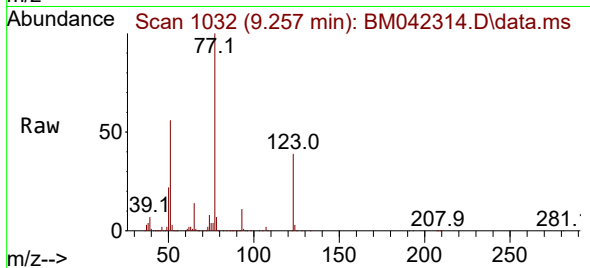




#22
Nitrobenzene
Concen: 33.925 ng/ul
RT: 9.257 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

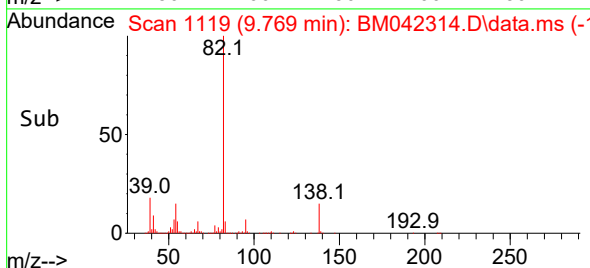
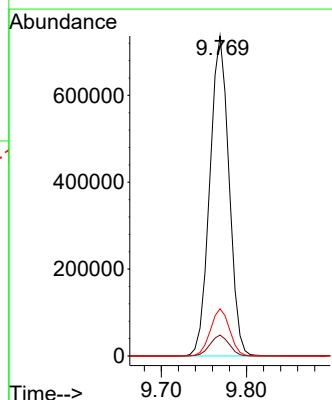
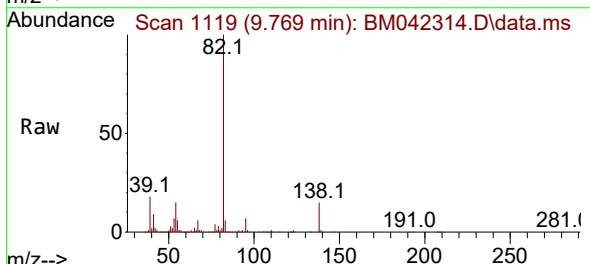
Instrument :
BNA_M
ClientSampleId :
DFTPP122

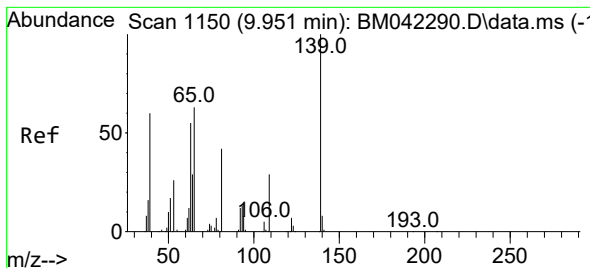
Tgt Ion: 77 Resp: 593067
Ion Ratio Lower Upper
77 100
123 38.8 31.3 46.9
65 13.9 10.7 16.1



#23
Isophorone
Concen: 33.942 ng/ul
RT: 9.769 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion: 82 Resp: 1150557
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.4
138 14.7 11.8 17.6

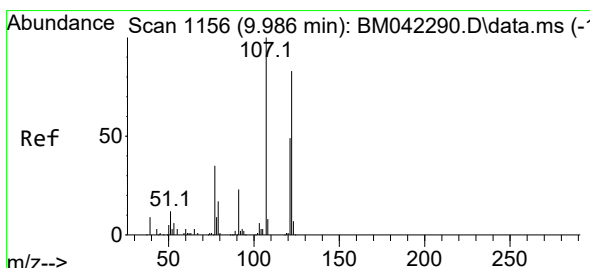
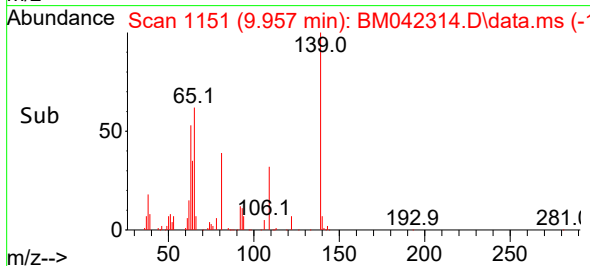
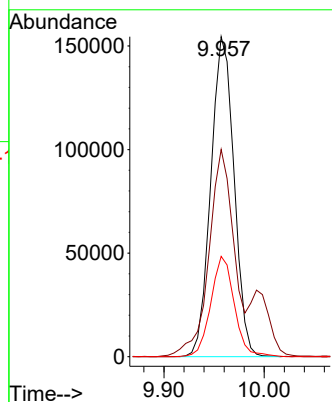
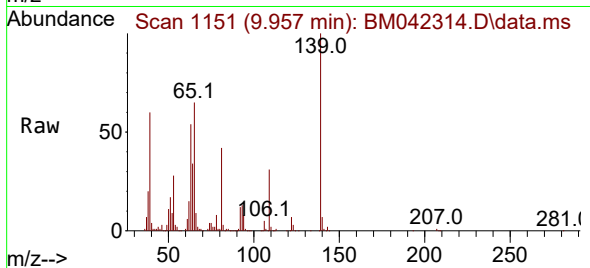




#25
2-Nitrophenol
Concen: 34.302 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

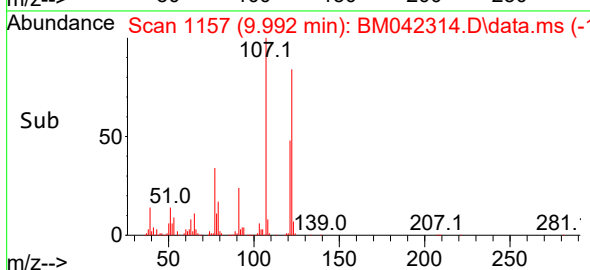
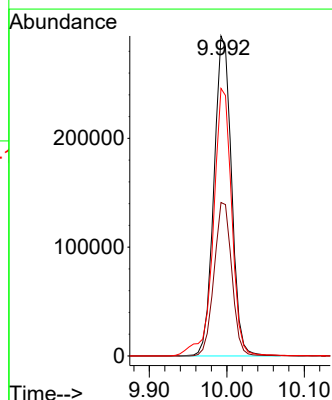
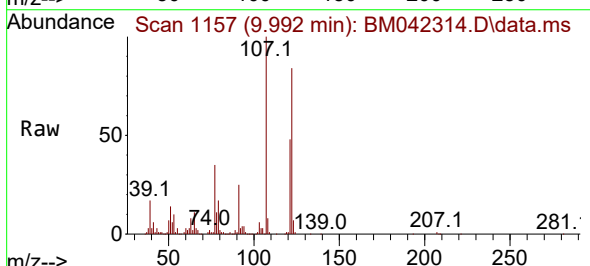
Instrument :
BNA_M
ClientSampleId :
DFTPP122

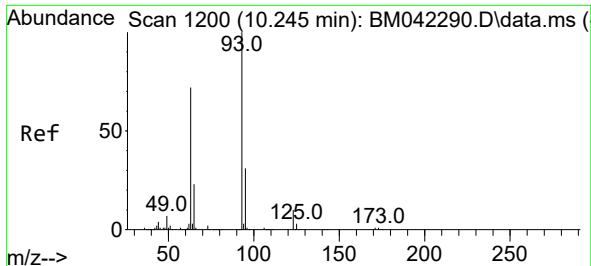
Tgt Ion:139 Resp: 248017
Ion Ratio Lower Upper
139 100
65 64.7 49.4 74.2
109 31.4 24.0 36.0



#26
2,4-Dimethylphenol
Concen: 30.221 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:107 Resp: 464391
Ion Ratio Lower Upper
107 100
121 47.9 38.4 57.6
122 83.6 68.6 102.8

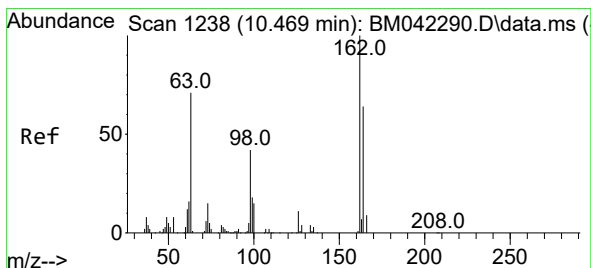
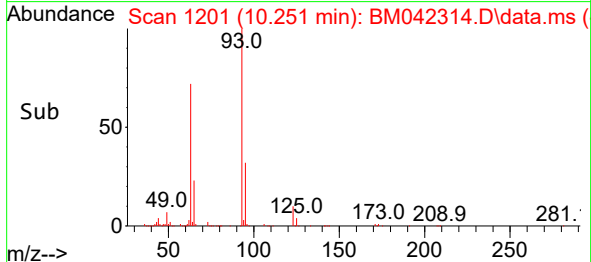
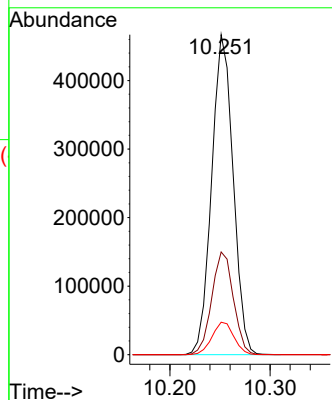
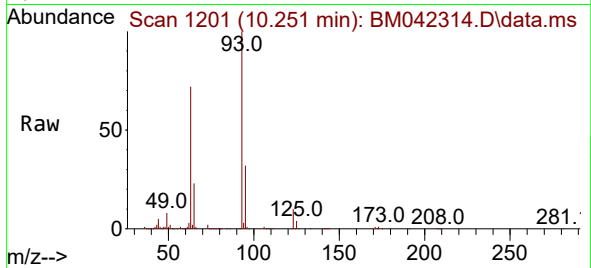




#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.750 ng/ul
 RT: 10.251 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BM042314.D
 Acq: 17 Oct 2023 00:29

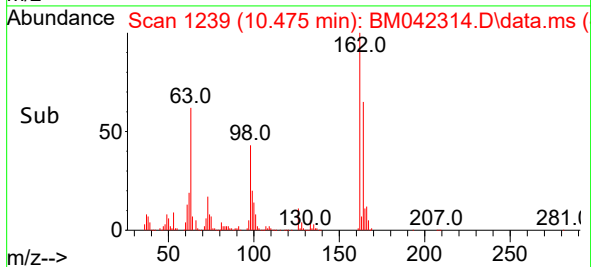
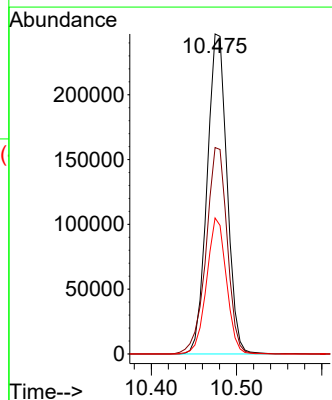
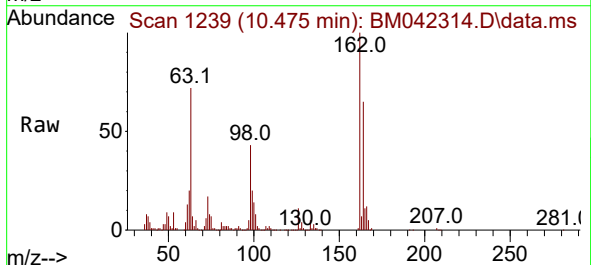
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP122

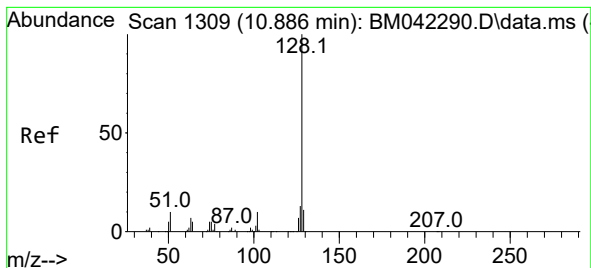
Tgt Ion: 93 Resp: 694147
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.1 39.1
 123 10.1 8.1 12.1



#29
 2,4-Dichlorophenol
 Concen: 34.066 ng/ul
 RT: 10.475 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: BM042314.D
 Acq: 17 Oct 2023 00:29

Tgt Ion:162 Resp: 401182
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.4 78.6
 98 42.5 34.6 52.0

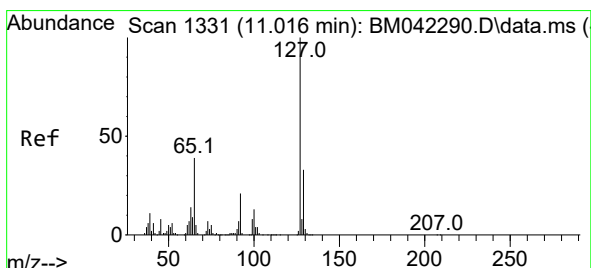
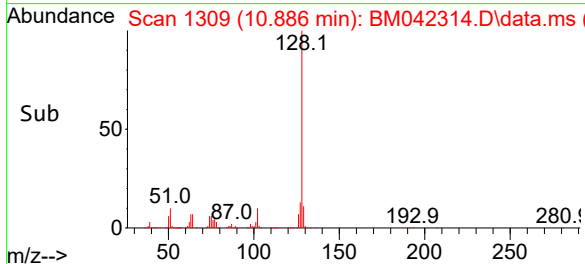
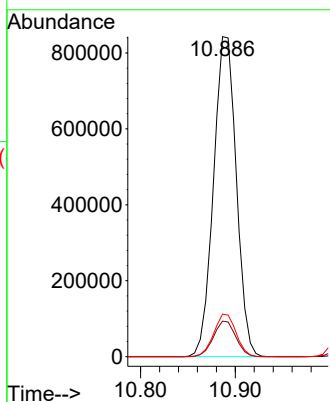
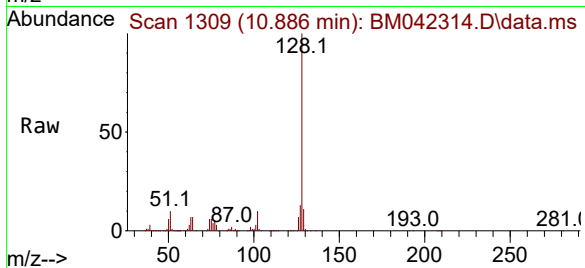




#30
Naphthalene
Concen: 33.096 ng/ul
RT: 10.886 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

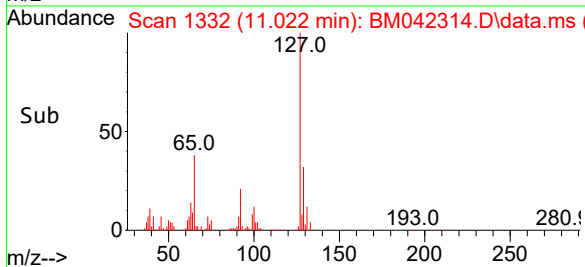
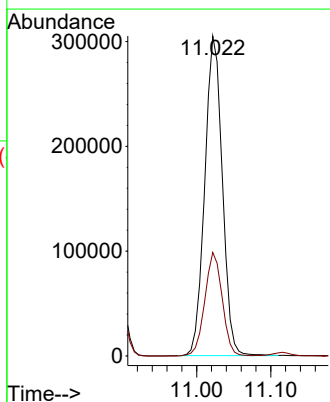
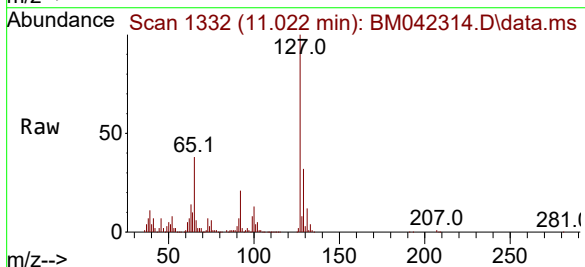
Instrument :
BNA_M
ClientSampleId :
DFTPP122

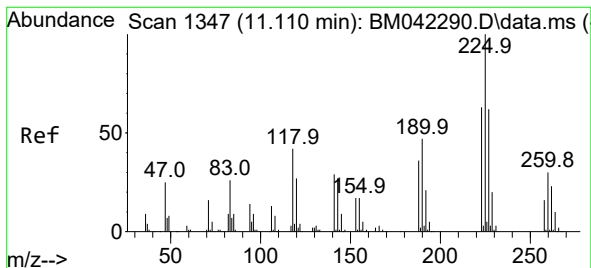
Tgt Ion:128 Resp: 1411939
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.3 10.4 15.6



#32
4-Chloroaniline
Concen: 27.388 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:127 Resp: 502579
Ion Ratio Lower Upper
127 100
129 32.4 25.1 37.7





#33

Hexachlorobutadiene

Concen: 34.115 ng/ul

RT: 11.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

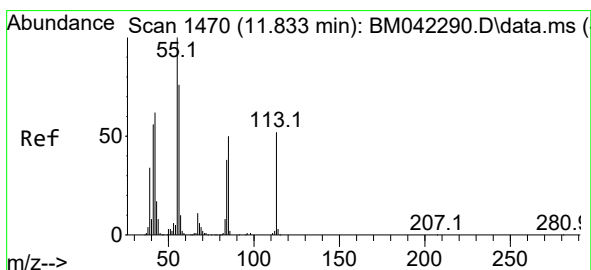
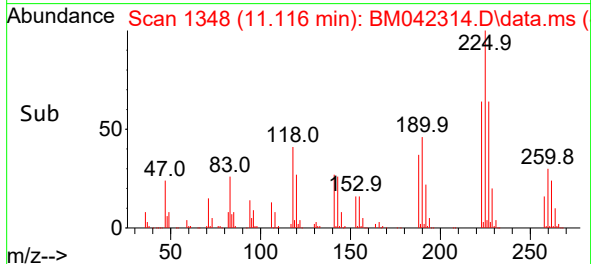
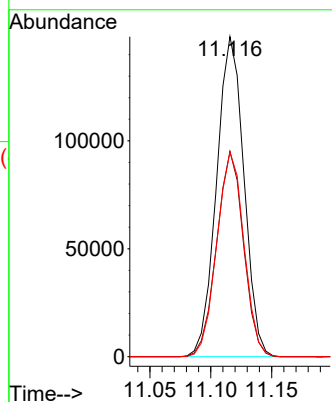
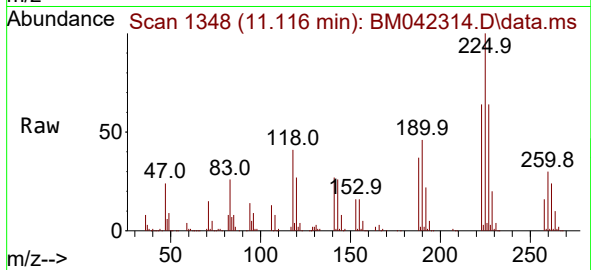
Tgt Ion:225 Resp: 231911

Ion Ratio Lower Upper

225 100

223 64.2 51.3 76.9

227 63.9 53.4 80.0



#34

Caprolactam

Concen: 18.757 ng/ul

RT: 11.839 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

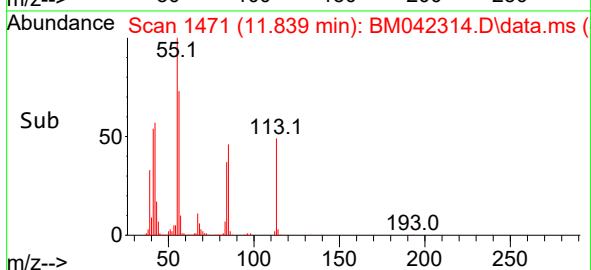
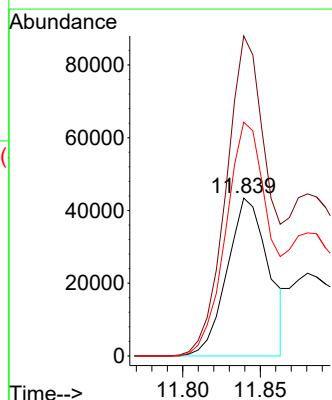
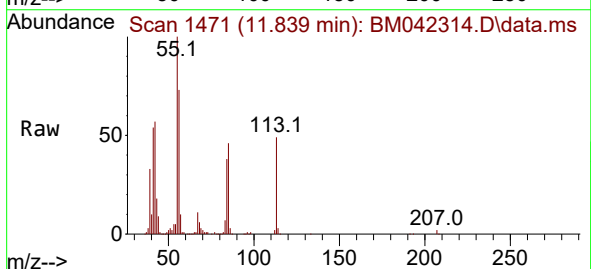
Tgt Ion:113 Resp: 80653

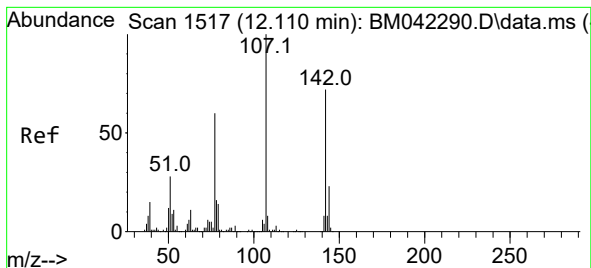
Ion Ratio Lower Upper

113 100

55 202.6 162.1 243.1

56 148.0 124.2 186.2

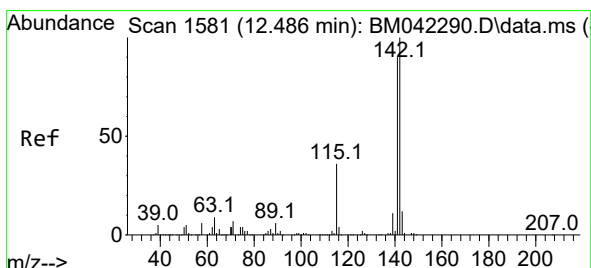
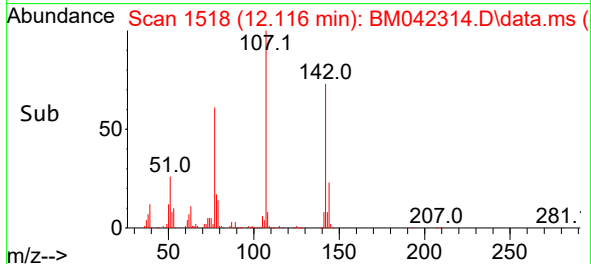
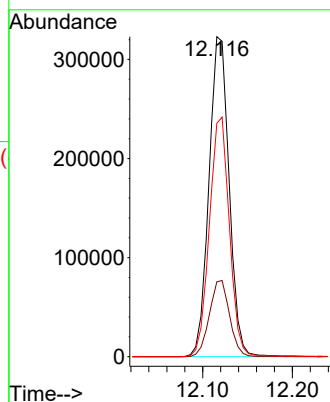
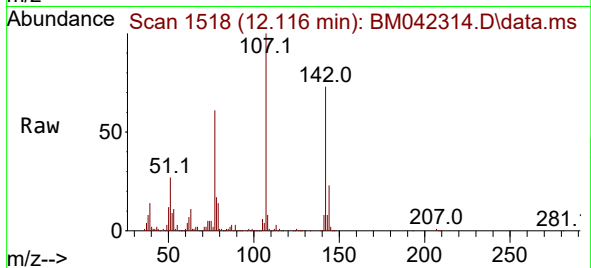




#35
4-Chloro-3-methylphenol
Concen: 34.689 ng/ul
RT: 12.116 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

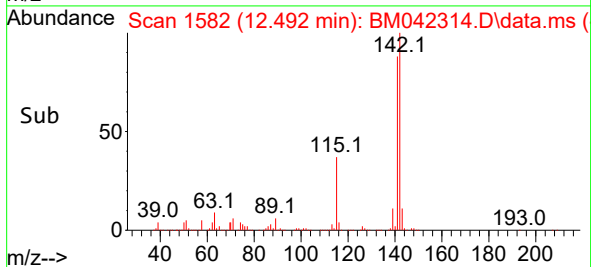
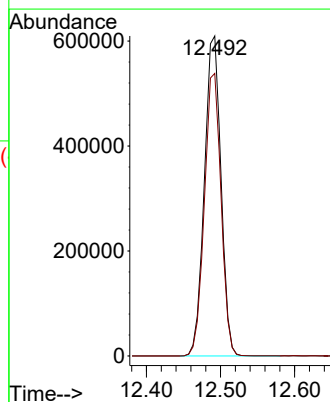
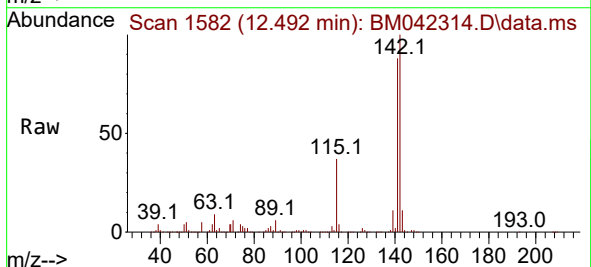
Instrument :
BNA_M
ClientSampleId :
DFTPP122

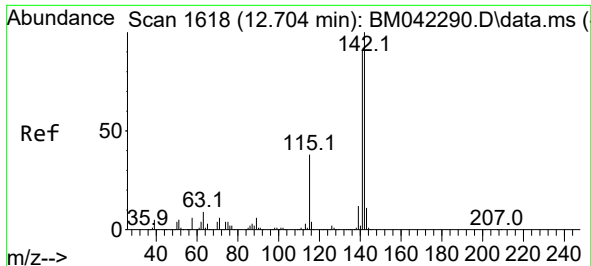
Tgt Ion:107 Resp: 503187
Ion Ratio Lower Upper
107 100
144 23.4 19.3 28.9
142 73.0 60.6 91.0



#36
2-Methylnaphthalene
Concen: 32.441 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:142 Resp: 947315
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3





#37

1-Methylnaphthalene

Concen: 32.953 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

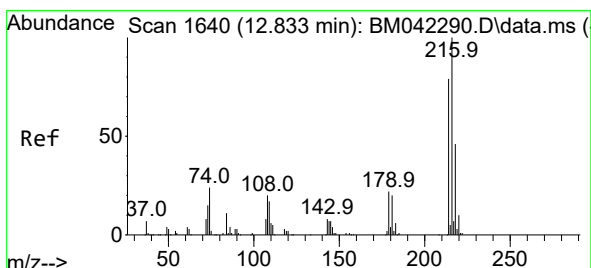
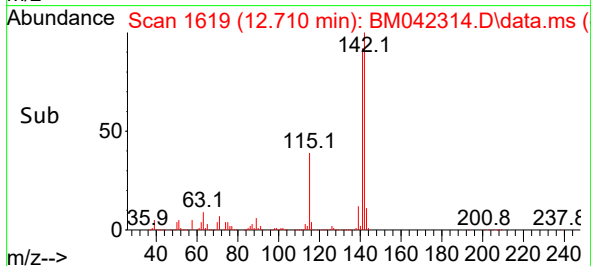
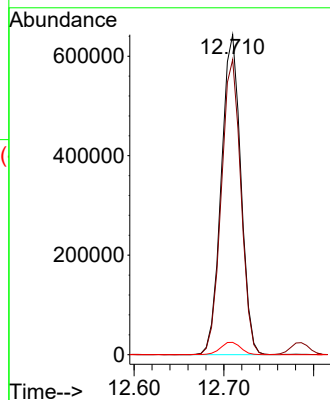
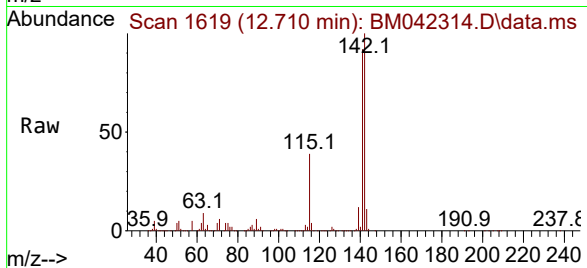
Tgt Ion:142 Resp: 972573

Ion Ratio Lower Upper

142 100

141 92.2 74.6 111.8

116 3.8 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.992 ng/ul

RT: 12.839 min Scan# 1641

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Tgt Ion:216 Resp: 474085

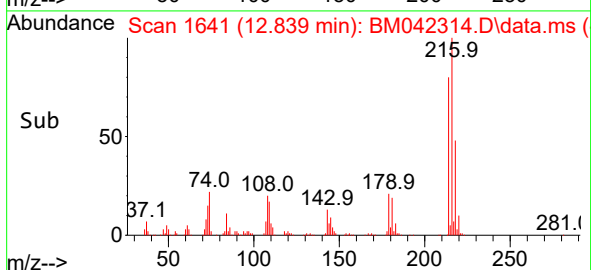
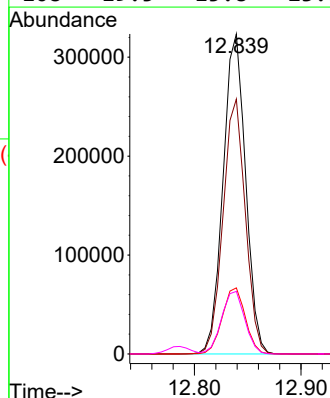
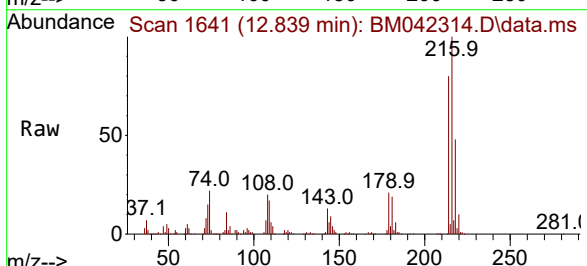
Ion Ratio Lower Upper

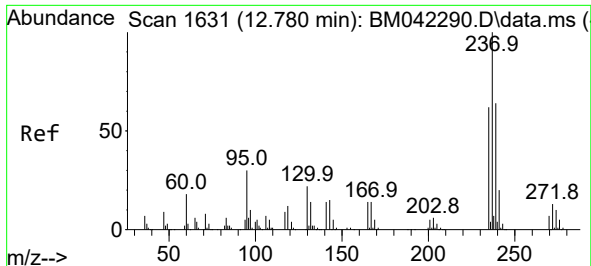
216 100

214 79.7 60.6 90.8

179 20.7 16.9 25.3

108 19.5 15.8 23.8

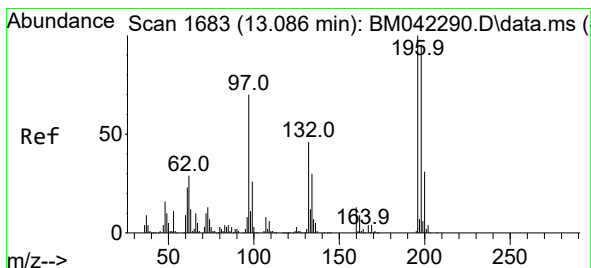
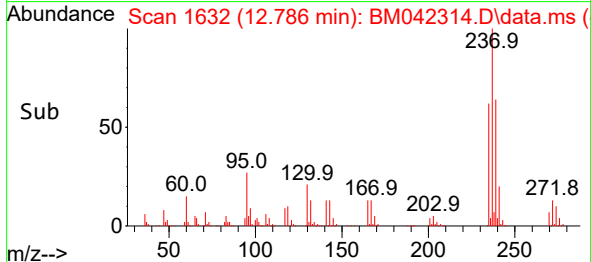
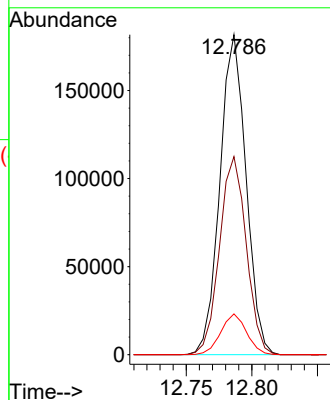
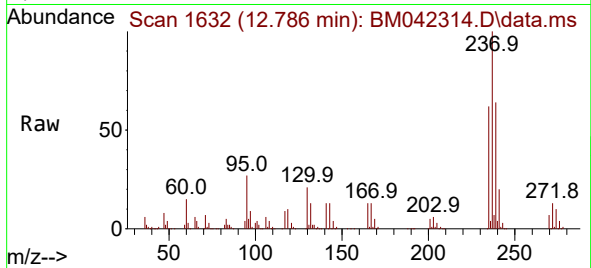




#40
Hexachlorocyclopentadiene
Concen: 27.861 ng/ul
RT: 12.786 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

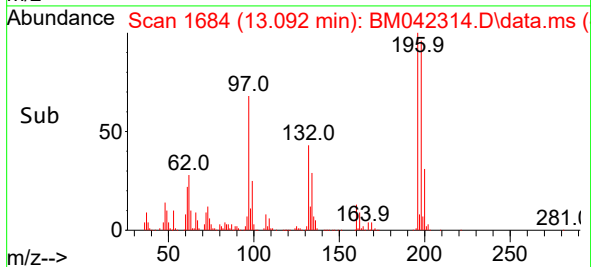
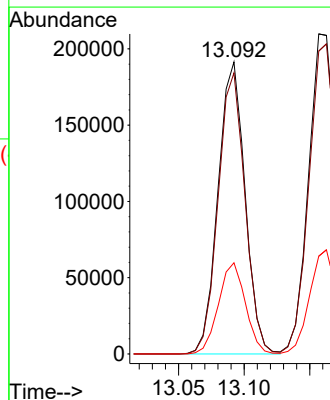
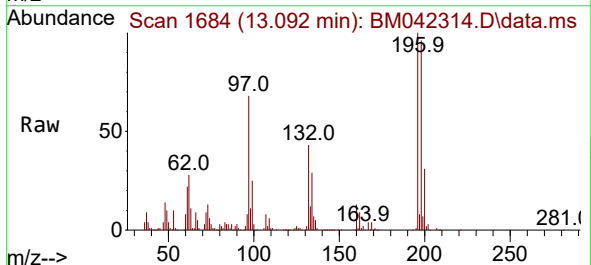
Instrument :
BNA_M
ClientSampleId :
DFTPP122

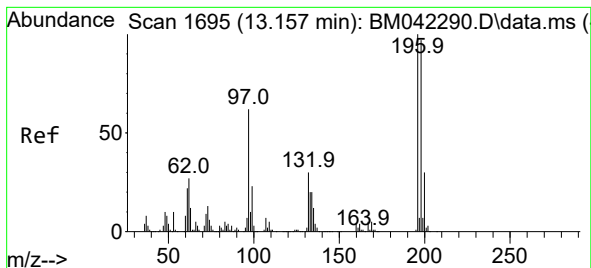
Tgt Ion:237 Resp: 251480
Ion Ratio Lower Upper
237 100
235 61.9 51.5 77.3
272 12.8 9.8 14.6



#41
2,4,6-Trichlorophenol
Concen: 29.340 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:196 Resp: 273585
Ion Ratio Lower Upper
196 100
198 96.2 79.5 119.3
200 31.2 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 31.569 ng/ul

RT: 13.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

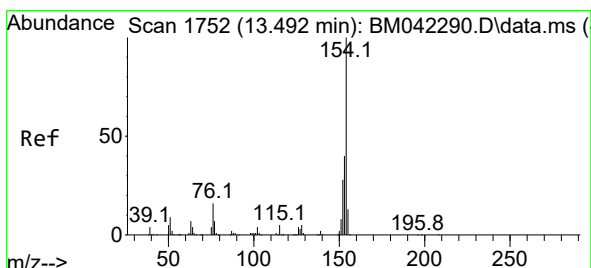
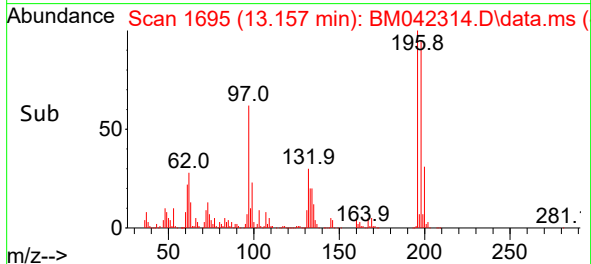
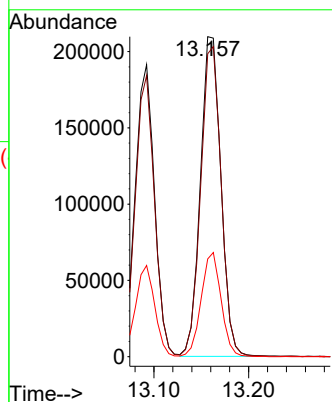
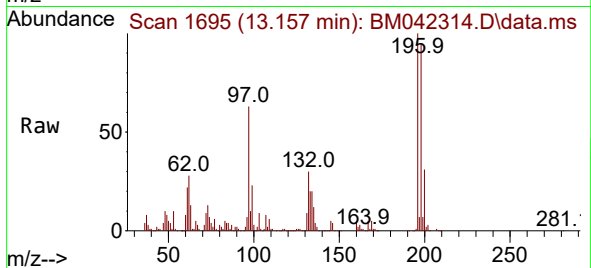
Tgt Ion:196 Resp: 316034

Ion Ratio Lower Upper

196 100

198 94.7 76.4 114.6

200 30.6 24.3 36.5



#43

1,1'-Biphenyl

Concen: 33.128 ng/ul

RT: 13.492 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

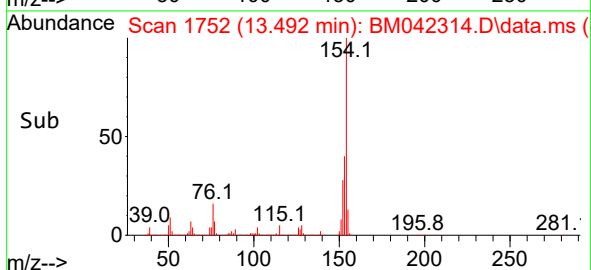
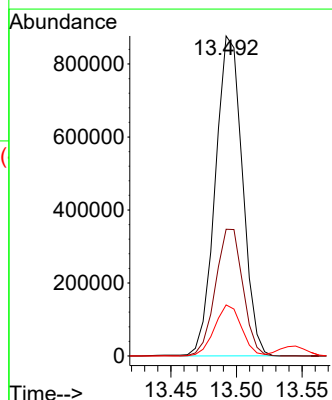
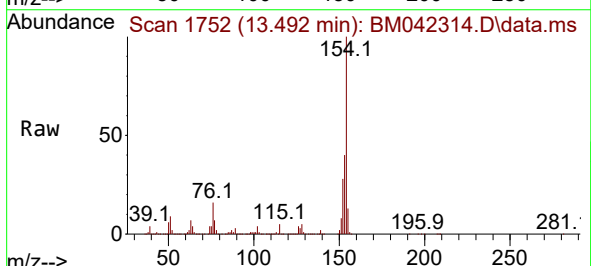
Tgt Ion:154 Resp: 1257601

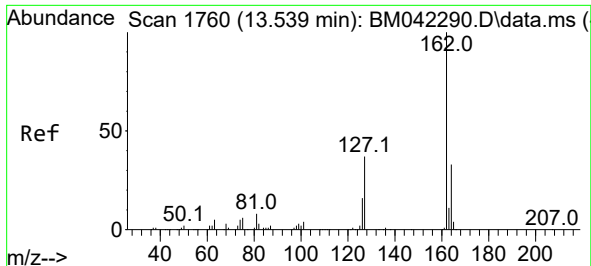
Ion Ratio Lower Upper

154 100

153 39.6 32.9 49.3

76 15.9 13.0 19.4

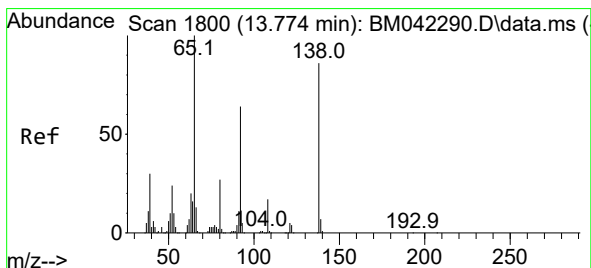
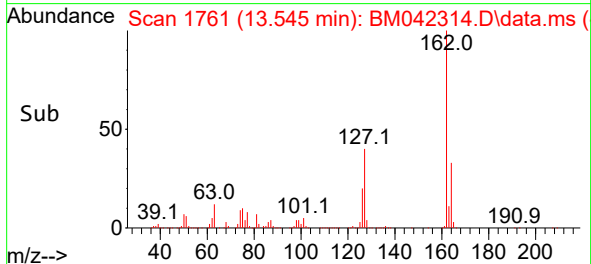
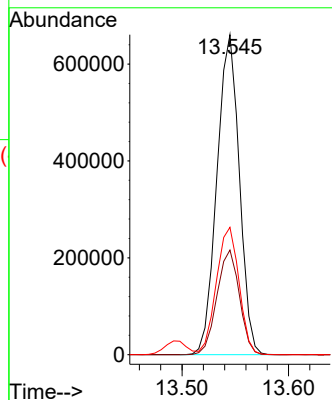
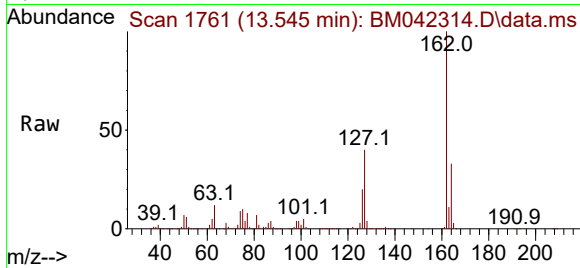




#44
2-Chloronaphthalene
Concen: 33.147 ng/ul
RT: 13.545 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

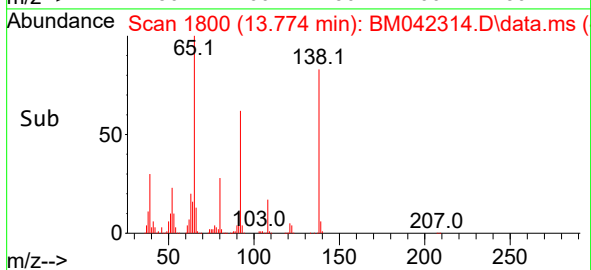
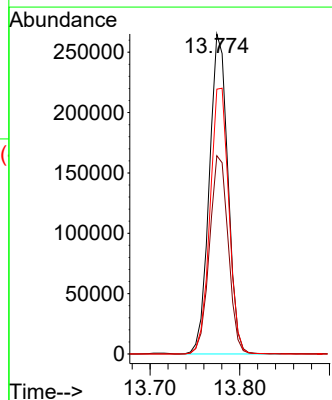
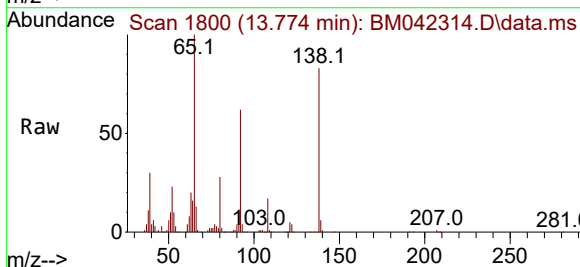
Instrument :
BNA_M
ClientSampleId :
DFTFP122

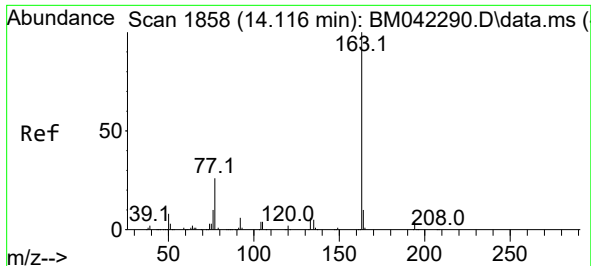
Tgt Ion:162 Resp: 964527
Ion Ratio Lower Upper
162 100
164 32.7 26.9 40.3
127 39.8 32.1 48.1



#45
2-Nitroaniline
Concen: 36.452 ng/ul
RT: 13.774 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion: 65 Resp: 381334
Ion Ratio Lower Upper
65 100
92 61.9 50.0 75.0
138 82.8 66.4 99.6





#47

Dimethylphthalate

Concen: 32.786 ng/ul

RT: 14.121 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

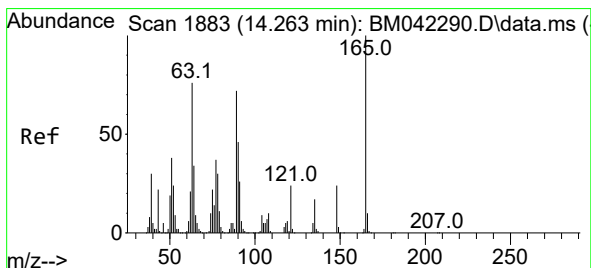
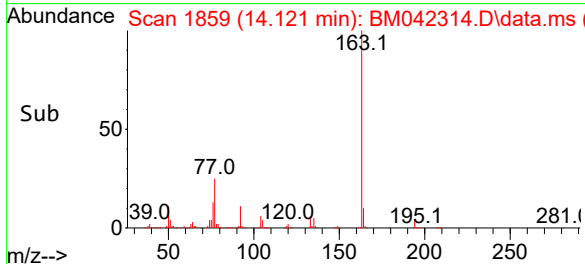
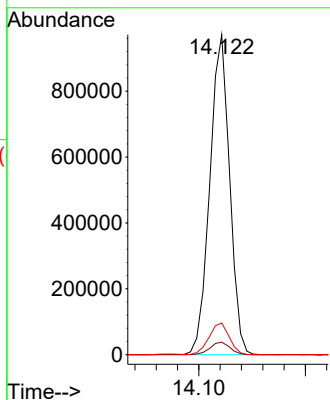
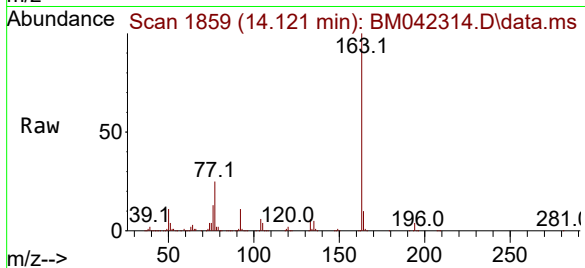
Tgt Ion:163 Resp: 1252671

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 9.9 8.1 12.1



#48

2,6-Dinitrotoluene

Concen: 36.246 ng/ul

RT: 14.269 min Scan# 1884

Delta R.T. 0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

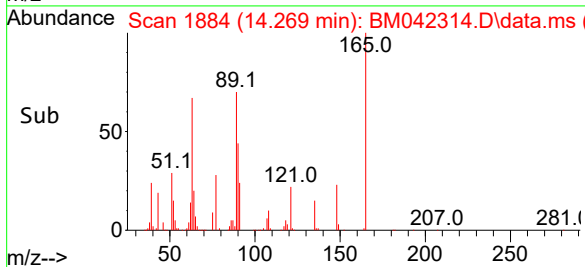
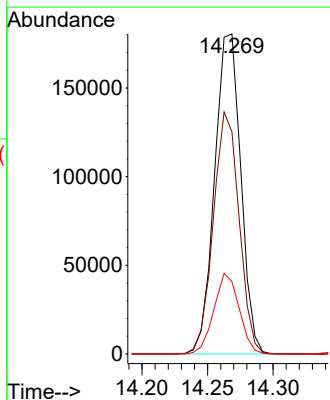
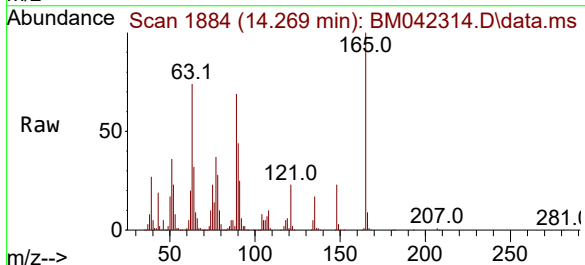
Tgt Ion:165 Resp: 250700

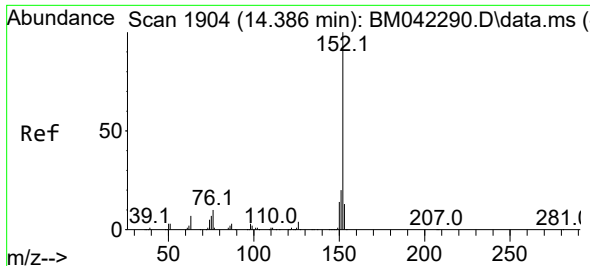
Ion Ratio Lower Upper

165 100

89 69.3 60.3 90.5

121 22.6 20.2 30.4

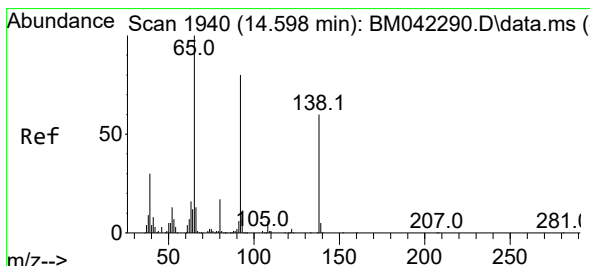
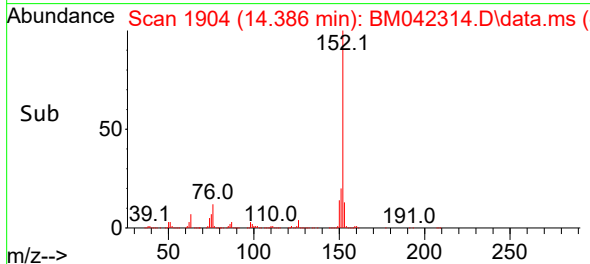
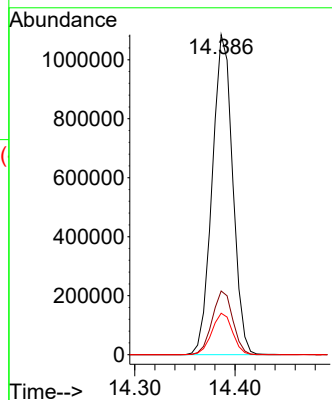
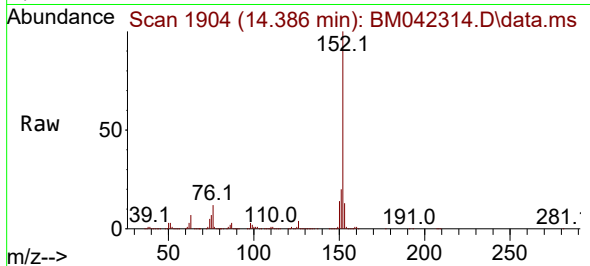




#50
Acenaphthylene
Concen: 31.749 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

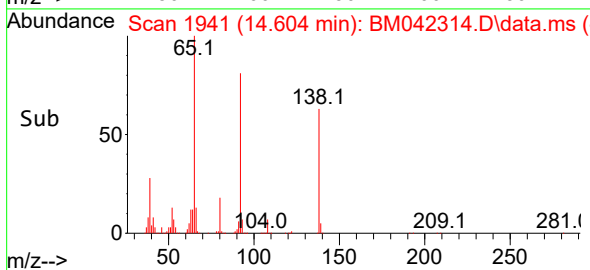
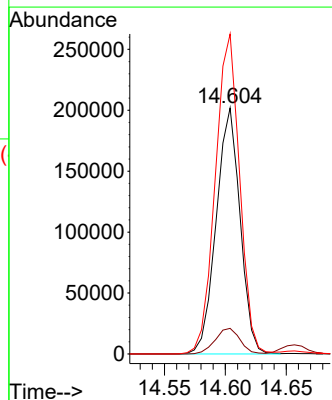
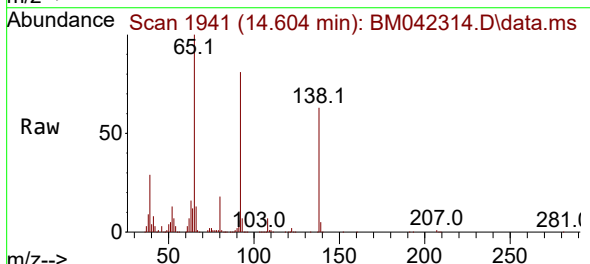
Instrument :
BNA_M
ClientSampleId :
DFTPP122

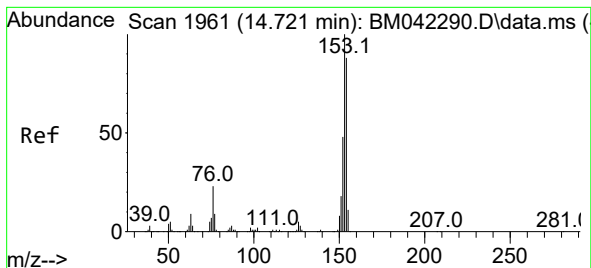
Tgt Ion:152 Resp: 1540814
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 33.807 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:138 Resp: 275625
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 130.0 103.8 155.6

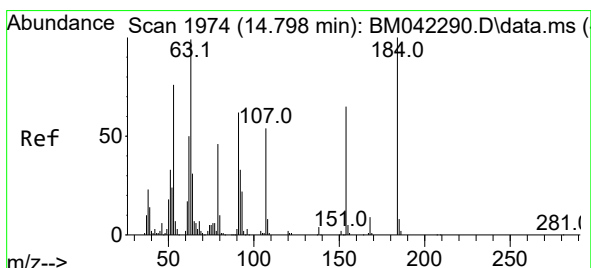
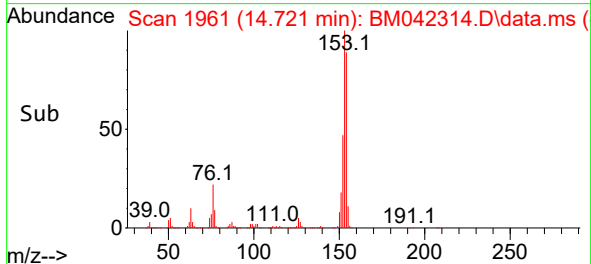
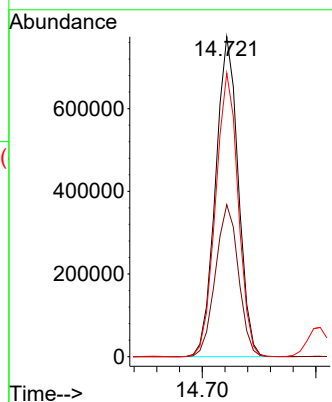
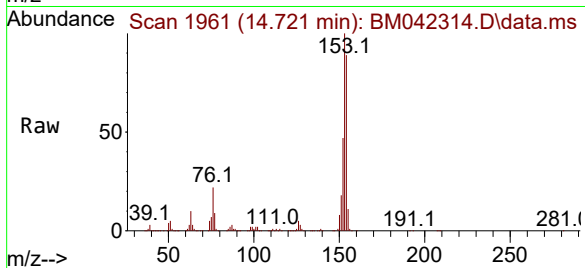




#52
Acenaphthene
Concen: 32.938 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

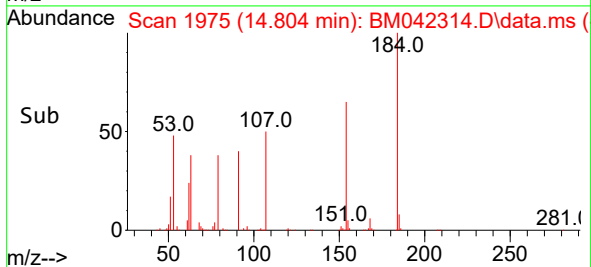
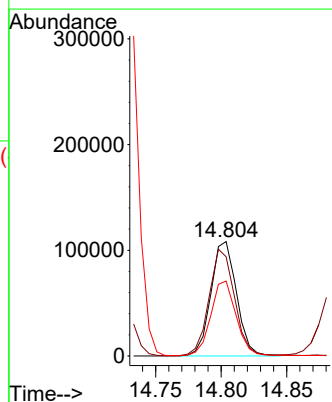
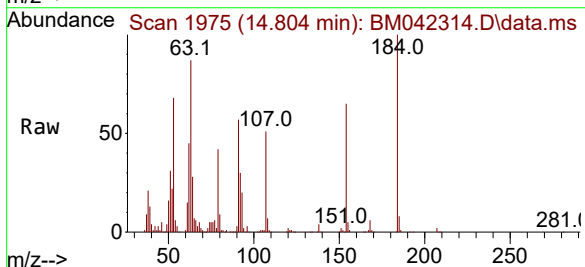
Instrument :
BNA_M
ClientSampleId :
DFTPP122

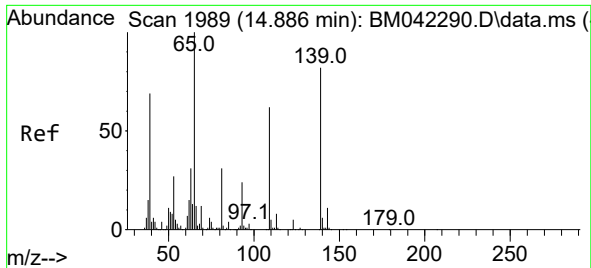
Tgt Ion:153 Resp: 1073832
Ion Ratio Lower Upper
153 100
152 47.5 39.0 58.4
154 88.6 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 31.384 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:184 Resp: 146926
Ion Ratio Lower Upper
184 100
63 86.6 70.6 106.0
154 65.4 50.1 75.1

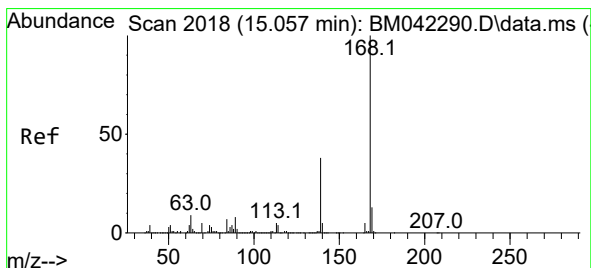
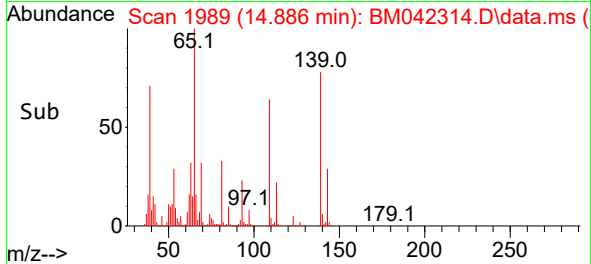
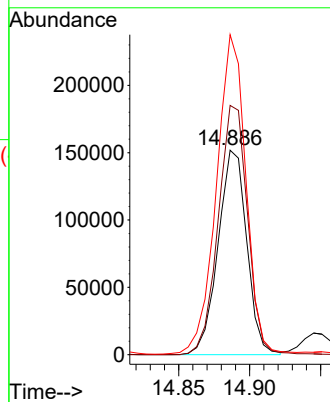
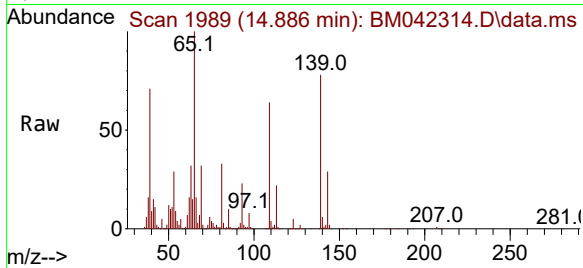




#55
4-Nitrophenol
Concen: 34.024 ng/ul
RT: 14.886 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

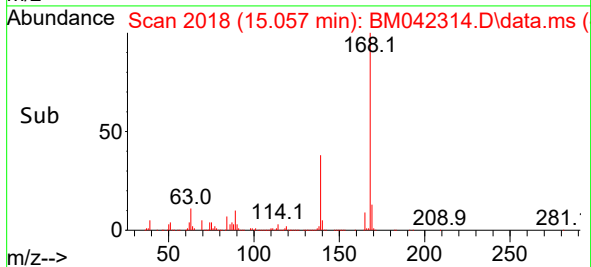
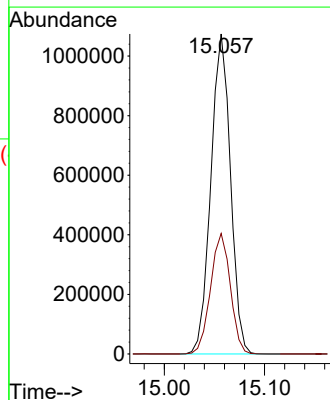
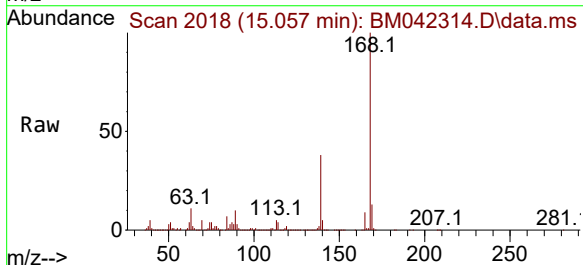
Instrument :
BNA_M
ClientSampleId :
DFTPP122

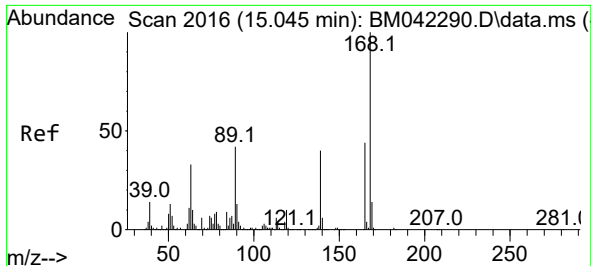
Tgt Ion:109 Resp: 213153
Ion Ratio Lower Upper
109 100
139 122.0 102.5 153.7
65 156.5 126.6 189.8



#56
Dibenzofuran
Concen: 33.305 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:168 Resp: 1458658
Ion Ratio Lower Upper
168 100
139 37.7 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 35.990 ng/ul

RT: 15.045 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

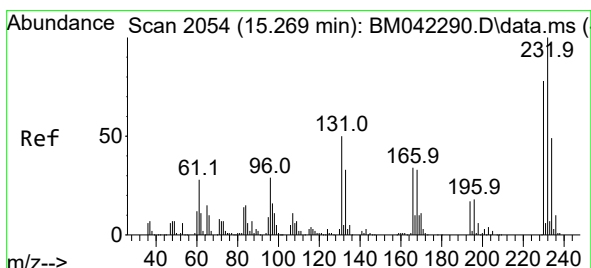
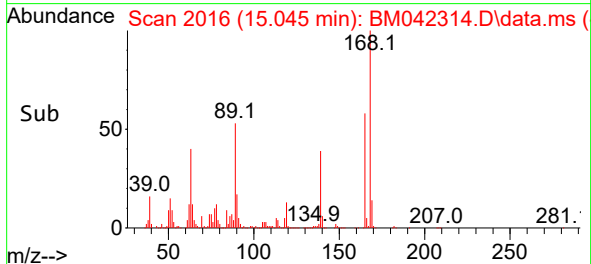
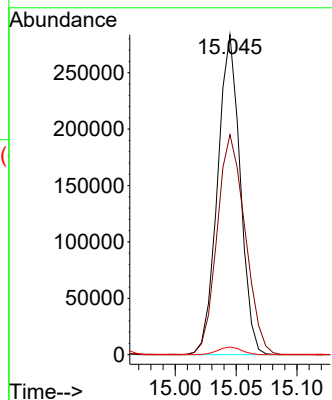
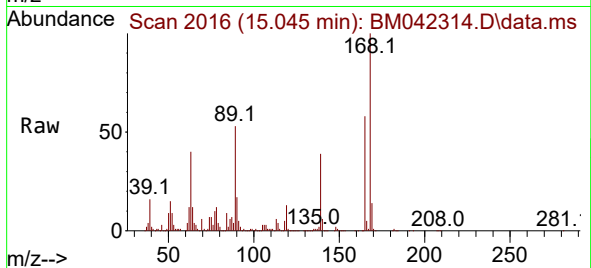
Tgt Ion:165 Resp: 367053

Ion Ratio Lower Upper

165 100

63 68.8 57.5 86.3

182 2.4 2.0 3.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.955 ng/ul

RT: 15.268 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Tgt Ion:232 Resp: 218058

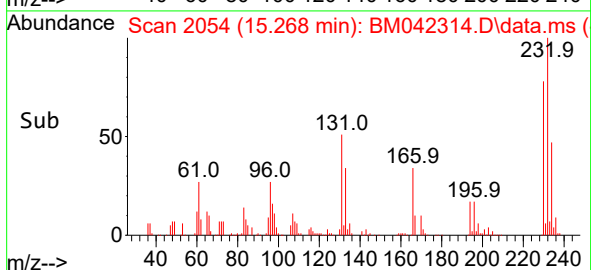
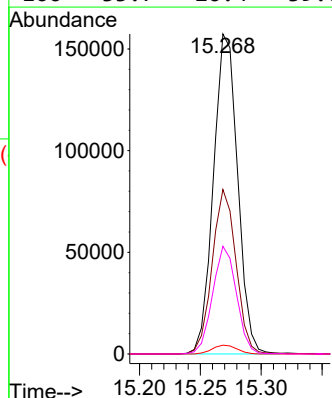
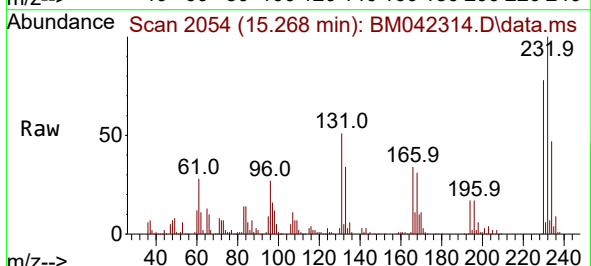
Ion Ratio Lower Upper

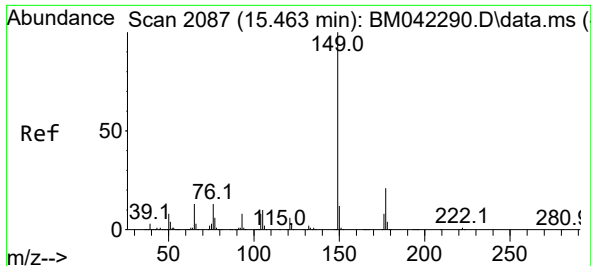
232 100

131 51.4 38.2 57.4

130 2.7 2.2 3.4

166 33.7 26.4 39.6

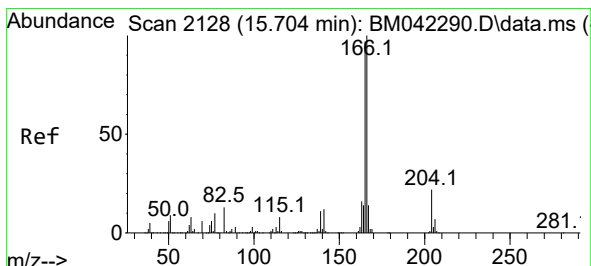
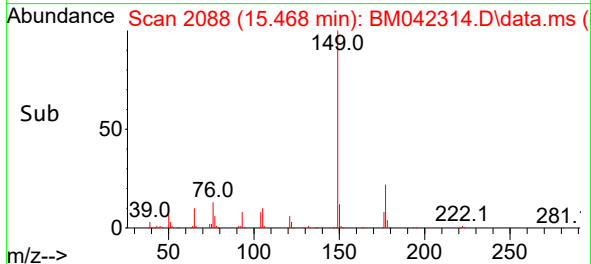
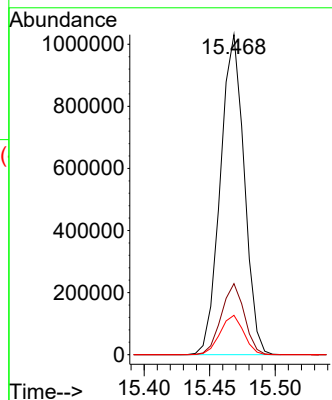
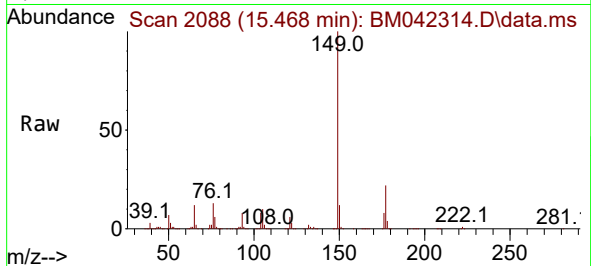




#59
Diethylphthalate
Concen: 33.483 ng/ul
RT: 15.468 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

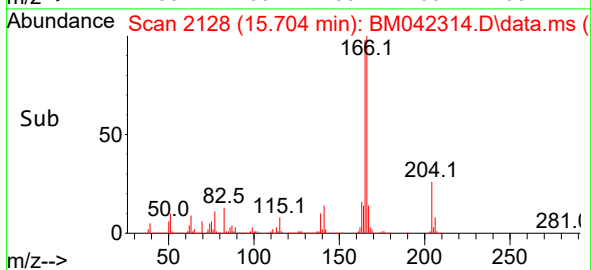
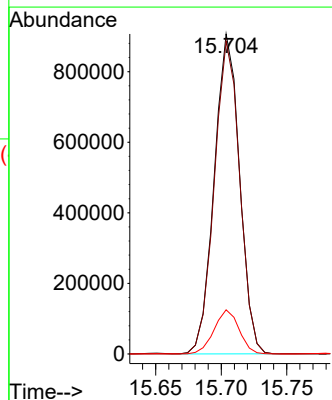
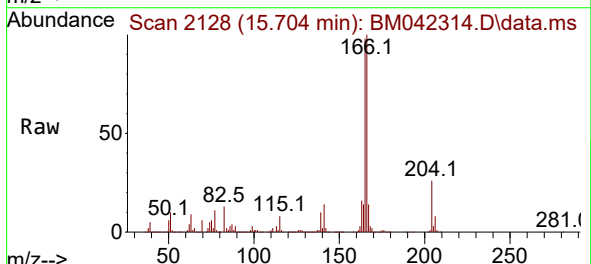
Instrument :
BNA_M
ClientSampleId :
DFTPP122

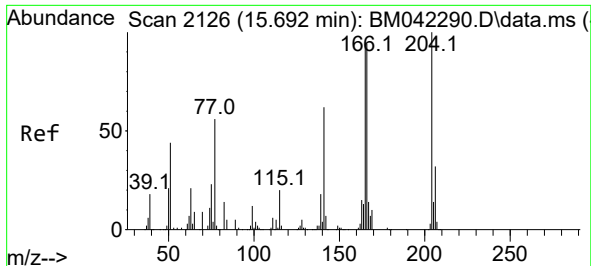
Tgt Ion:149 Resp: 1305852
Ion Ratio Lower Upper
149 100
177 22.2 16.6 25.0
150 12.3 9.7 14.5



#61
Fluorene
Concen: 33.543 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:166 Resp: 1218466
Ion Ratio Lower Upper
166 100
165 97.8 78.7 118.1
167 13.8 10.9 16.3

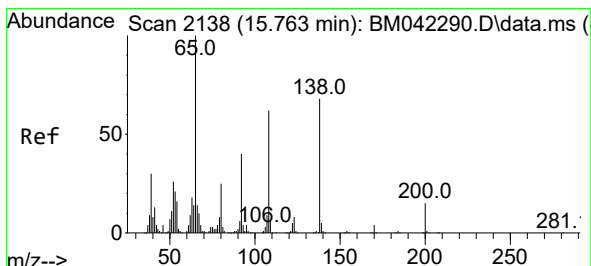
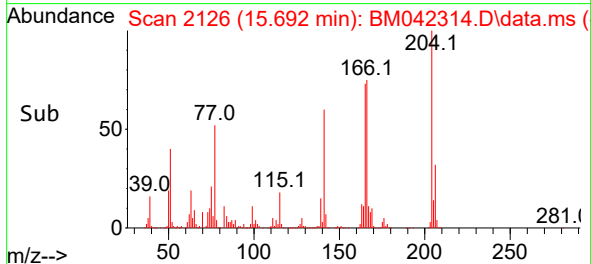
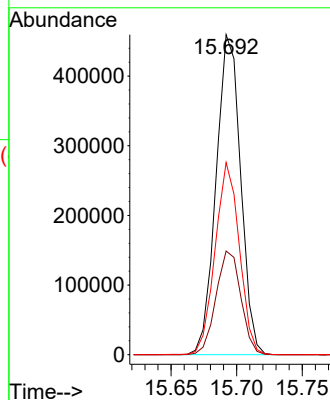
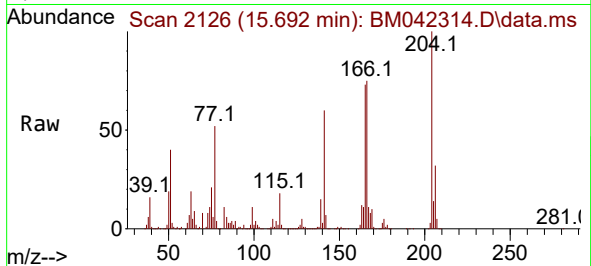




#62
4-Chlorophenyl-phenylether
Concen: 34.083 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

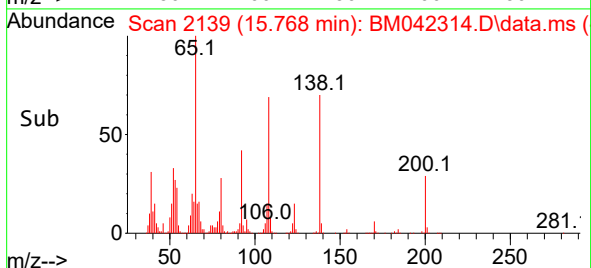
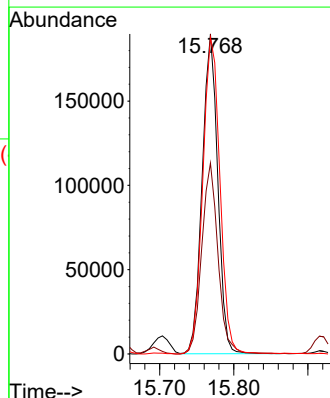
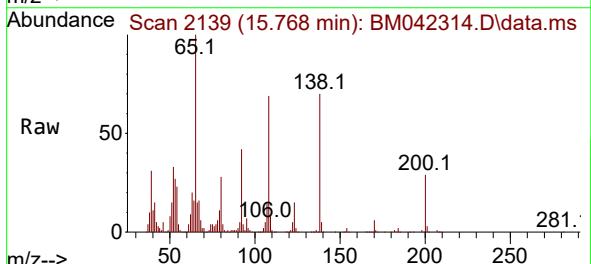
Instrument :
BNA_M
ClientSampleId :
DFTPP122

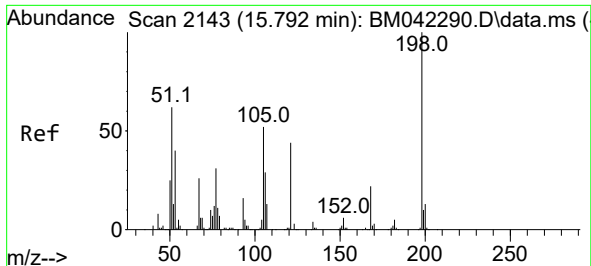
Tgt Ion:204 Resp: 597796
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.1 48.5 72.7



#63
4-Nitroaniline
Concen: 37.937 ng/ul
RT: 15.768 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:138 Resp: 276615
Ion Ratio Lower Upper
138 100
92 59.7 49.5 74.3
108 99.1 72.5 108.7

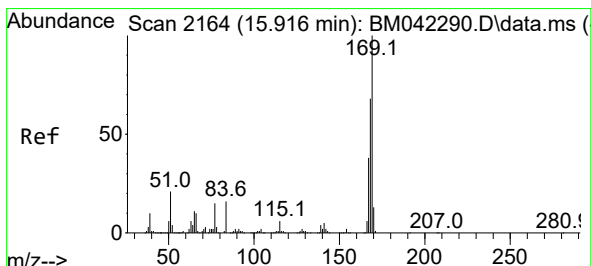
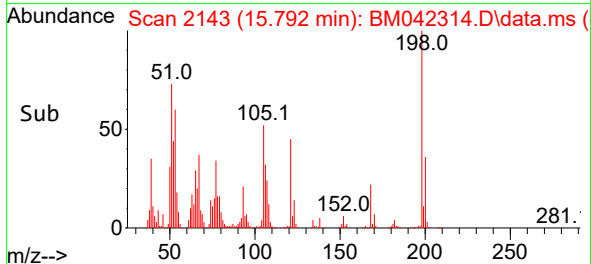
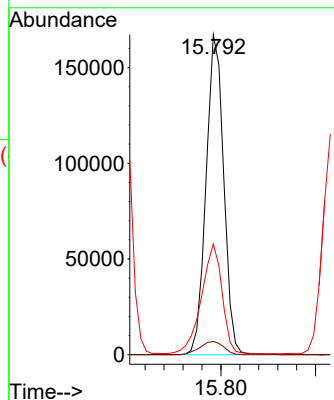
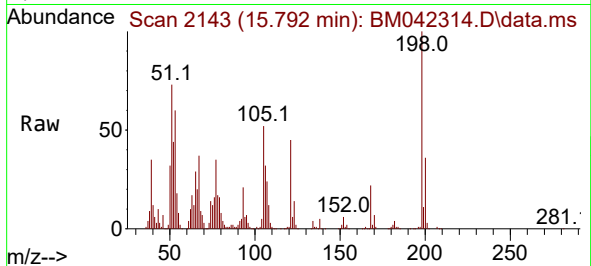




#66
 4,6-Dinitro-2-methylphenol
 Concen: 31.642 ng/ul
 RT: 15.792 min Scan# 2143
 Delta R.T. 0.000 min
 Lab File: BM042314.D
 Acq: 17 Oct 2023 00:29

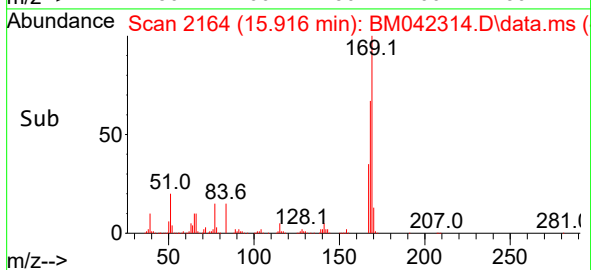
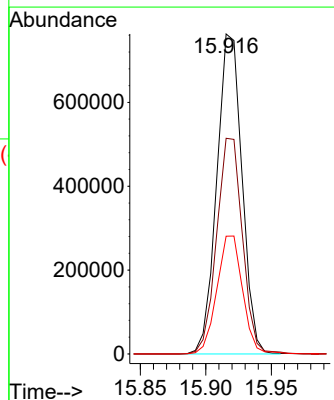
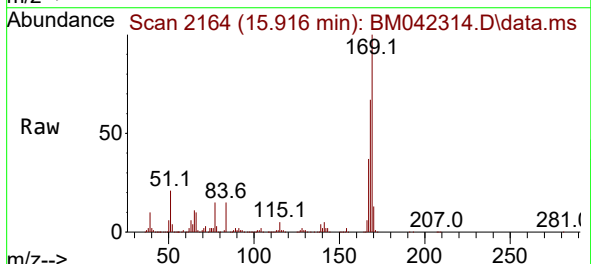
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP122

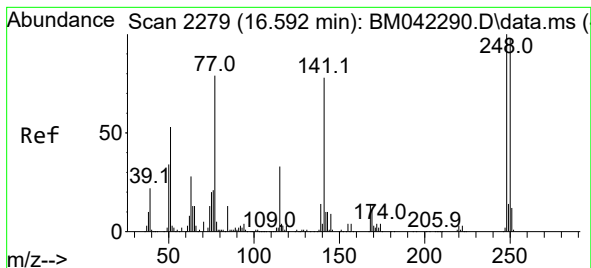
Tgt Ion:198 Resp: 215748
 Ion Ratio Lower Upper
 198 100
 182 4.1 4.2 6.2#
 77 34.6 27.4 41.0



#67
 N-Nitrosodiphenylamine
 Concen: 34.424 ng/ul
 RT: 15.916 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: BM042314.D
 Acq: 17 Oct 2023 00:29

Tgt Ion:169 Resp: 1019307
 Ion Ratio Lower Upper
 169 100
 168 67.4 55.8 83.8
 167 36.8 29.8 44.8

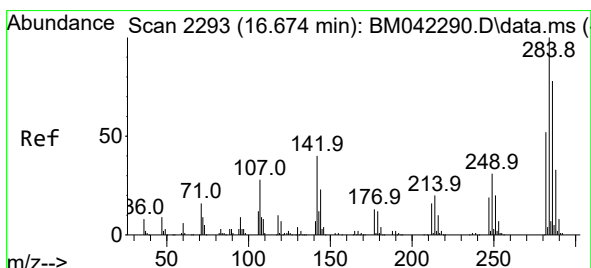
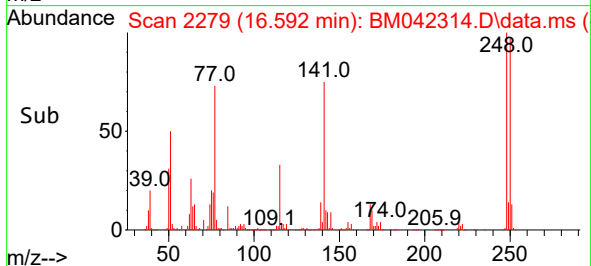
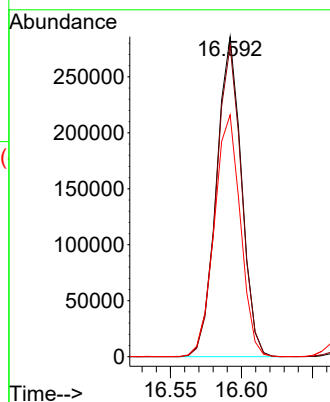
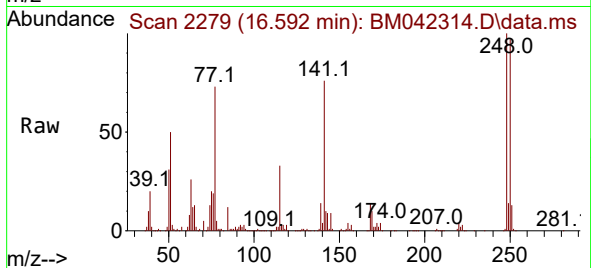




#68
4-Bromophenyl-phenylether
Concen: 35.025 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

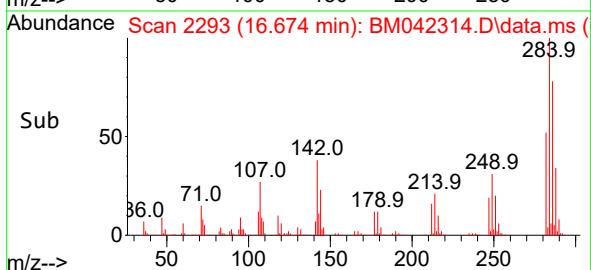
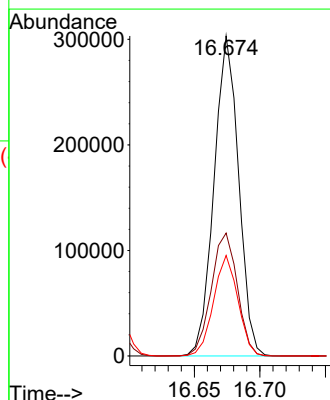
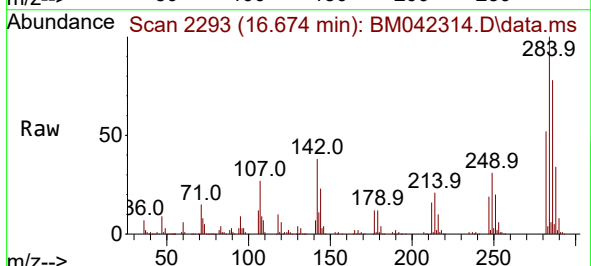
Instrument :
BNA_M
ClientSampleId :
DFTPP122

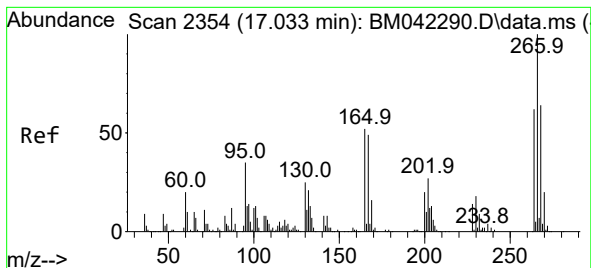
Tgt Ion:248 Resp: 350625
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.0
141 75.6 66.5 99.7



#69
Hexachlorobenzene
Concen: 34.651 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:284 Resp: 394395
Ion Ratio Lower Upper
284 100
142 38.4 33.8 50.6
249 31.4 25.4 38.0





#71

Pentachlorophenol

Concen: 19.924 ng/ul

RT: 17.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

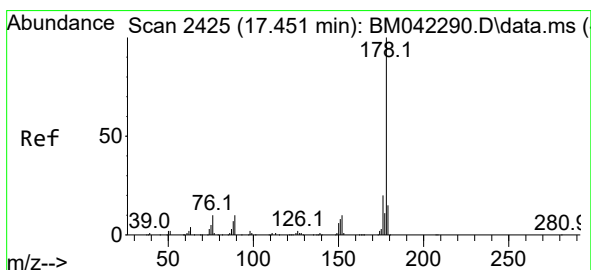
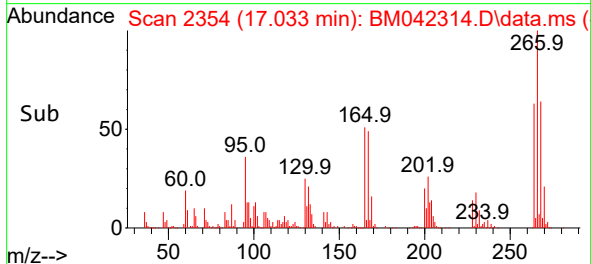
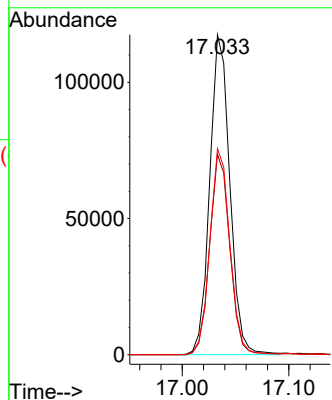
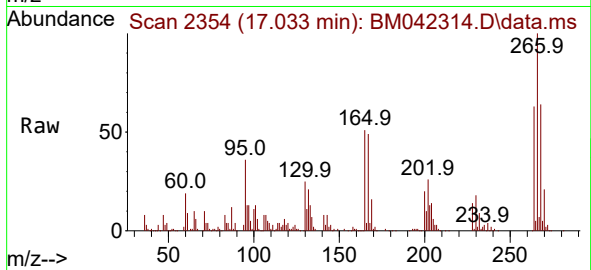
Tgt Ion:266 Resp: 153663

Ion Ratio Lower Upper

266 100

264 62.6 51.2 76.8

268 64.4 52.6 78.8



#72

Phenanthrene

Concen: 33.946 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

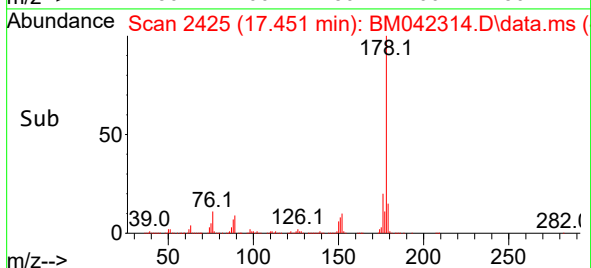
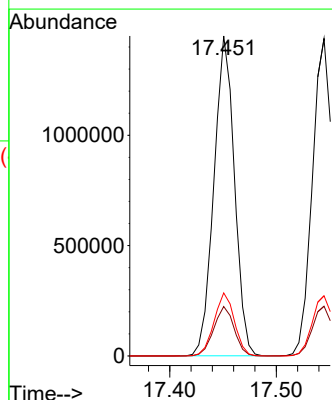
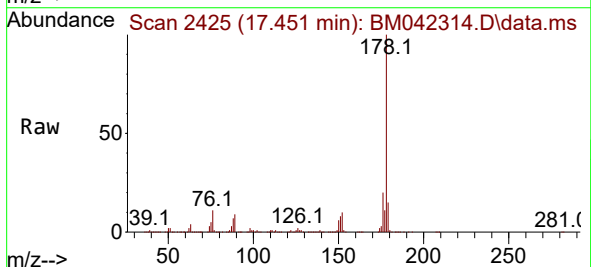
Tgt Ion:178 Resp: 1938033

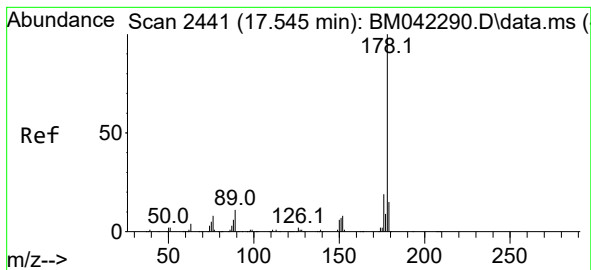
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.7 15.8 23.8





#74

Anthracene

Concen: 33.833 ng/uI

RT: 17.545 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

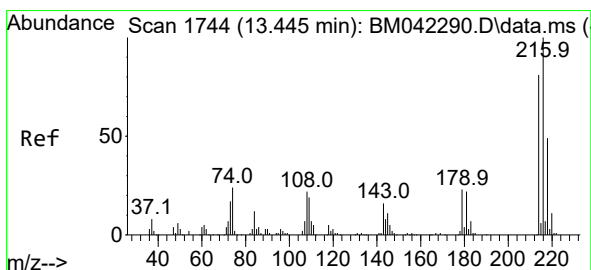
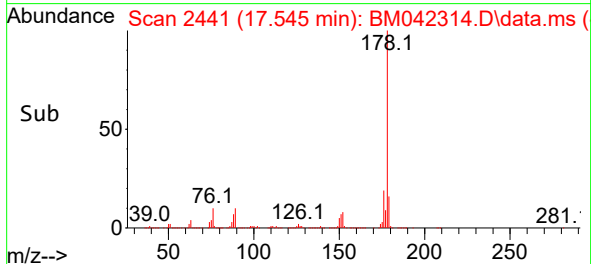
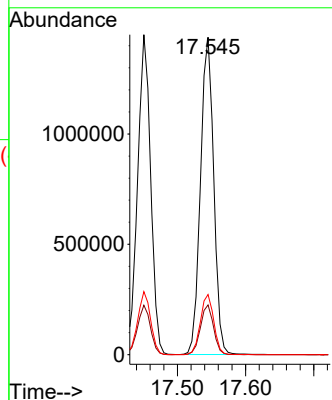
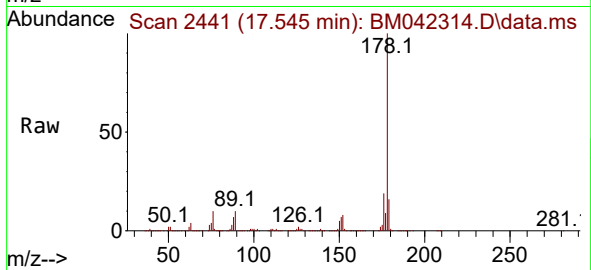
Tgt Ion:178 Resp: 1942871

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 19.0 15.0 22.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.891 ng/uI

RT: 13.451 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

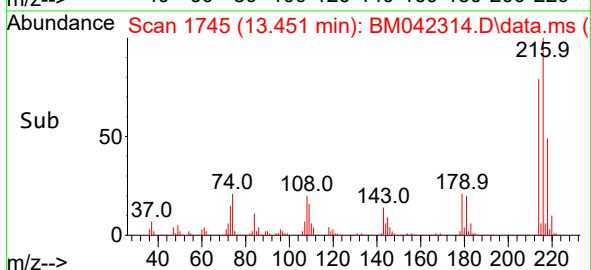
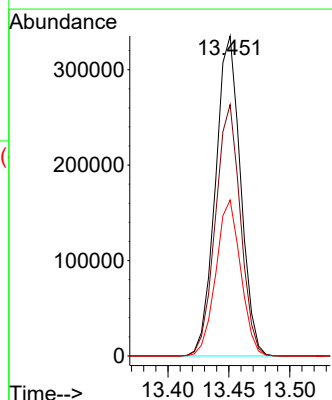
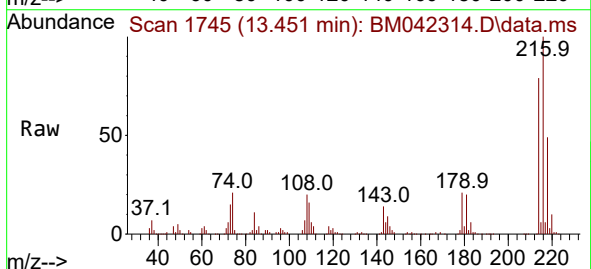
Tgt Ion:216 Resp: 481151

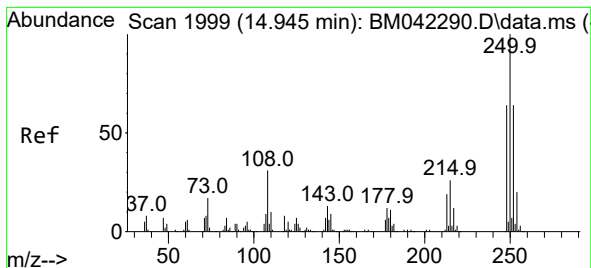
Ion Ratio Lower Upper

216 100

214 78.6 62.0 93.0

218 48.8 38.8 58.2





#76

Pentachlorobenzene

Concen: 34.384 ng/uL

RT: 14.951 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

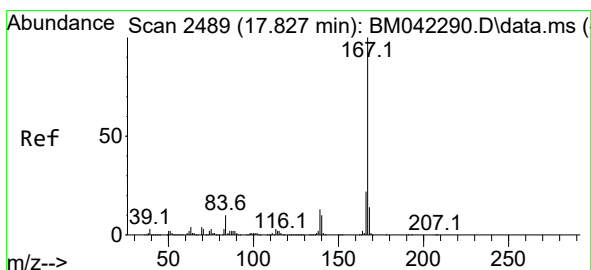
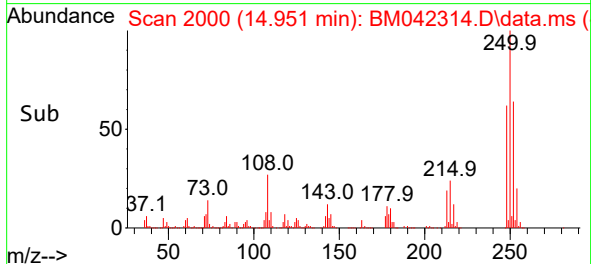
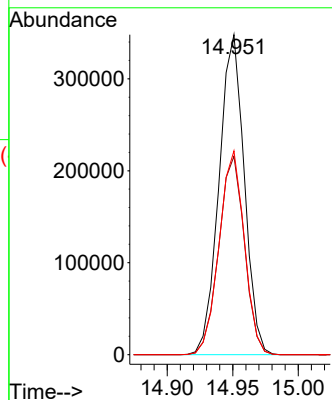
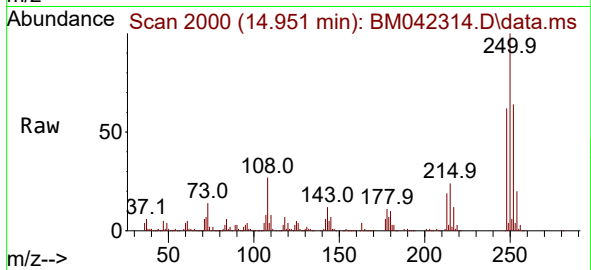
Tgt Ion:250 Resp: 465573

Ion Ratio Lower Upper

250 100

248 62.0 51.1 76.7

252 63.7 52.9 79.3



#77

Carbazole

Concen: 34.523 ng/uL

RT: 17.827 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

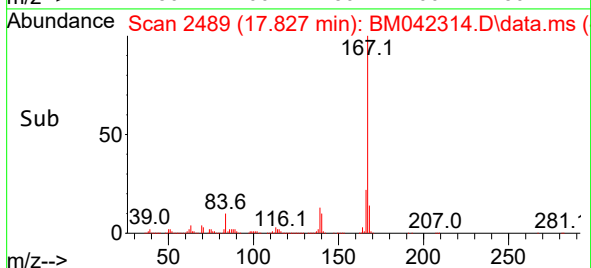
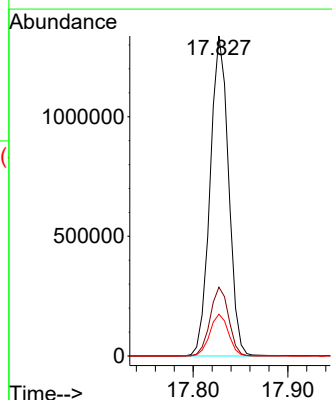
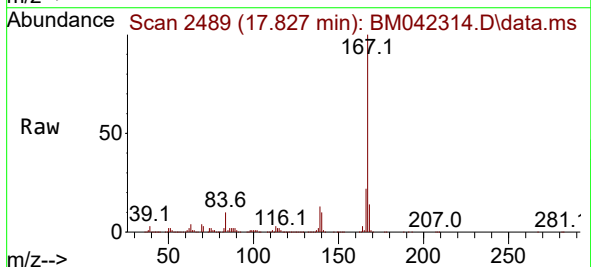
Tgt Ion:167 Resp: 1805867

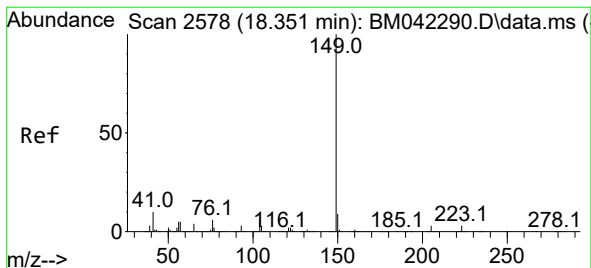
Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 13.0 10.6 16.0





#78

Di-n-butylphthalate

Concen: 35.195 ng/ul

RT: 18.351 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

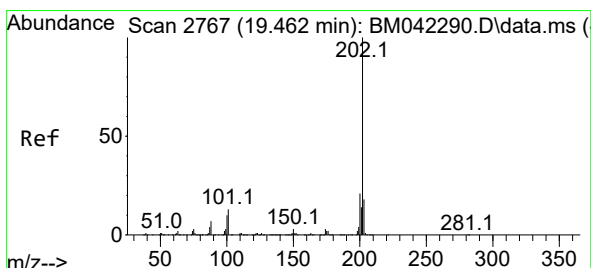
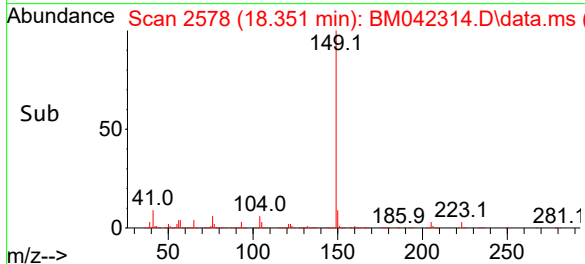
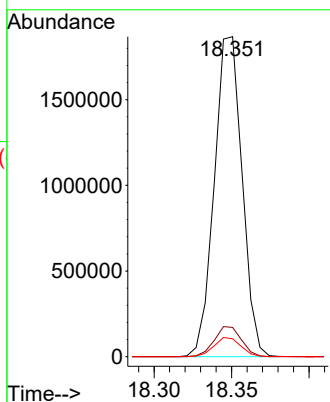
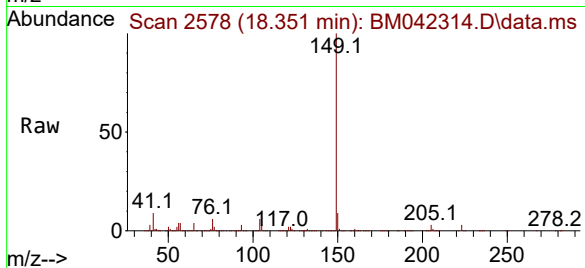
Tgt Ion:149 Resp: 2330419

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.6 4.6 6.8



#80

Fluoranthene

Concen: 35.726 ng/ul

RT: 19.462 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

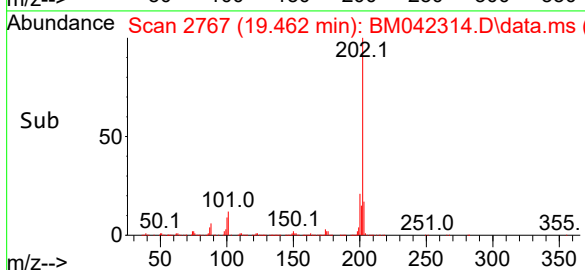
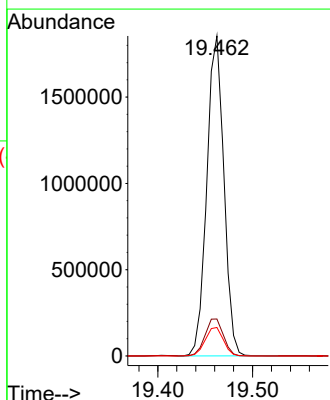
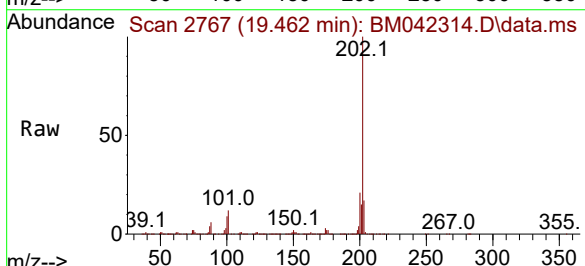
Tgt Ion:202 Resp: 2317123

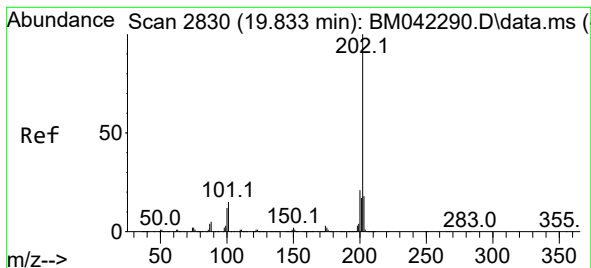
Ion Ratio Lower Upper

202 100

101 11.6 10.8 16.2

100 8.9 8.3 12.5





#82

Pyrene

Concen: 35.618 ng/ul

RT: 19.827 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

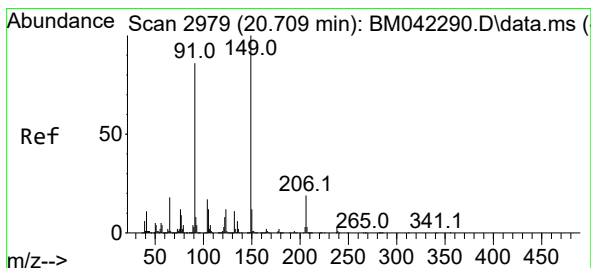
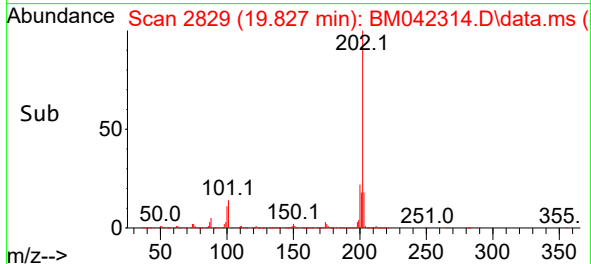
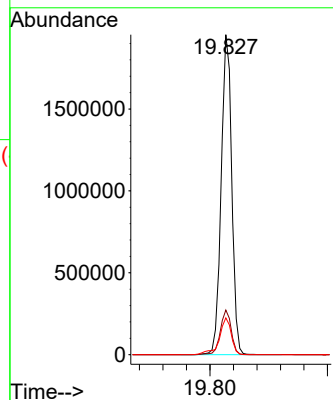
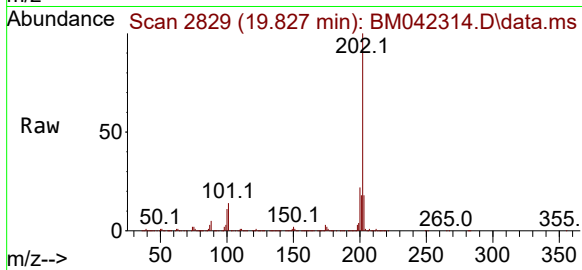
Tgt Ion:202 Resp: 2428684

Ion Ratio Lower Upper

202 100

101 14.0 11.9 17.9

100 11.5 9.9 14.9



#83

Butylbenzylphthalate

Concen: 37.152 ng/ul

RT: 20.703 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

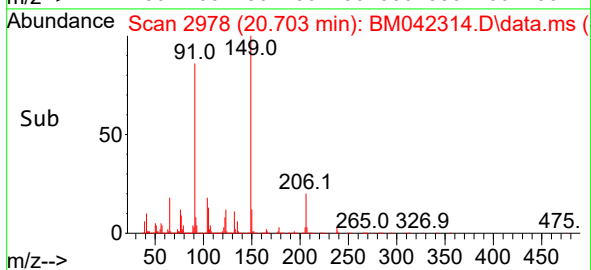
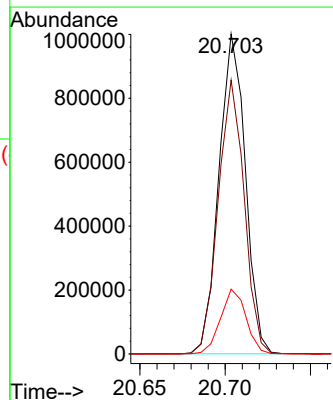
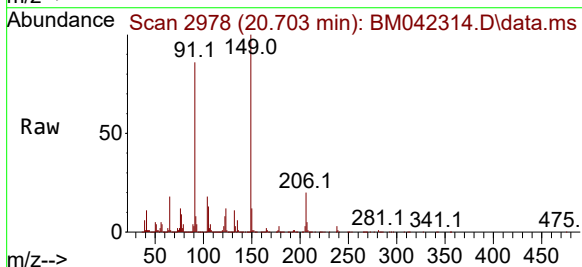
Tgt Ion:149 Resp: 1079852

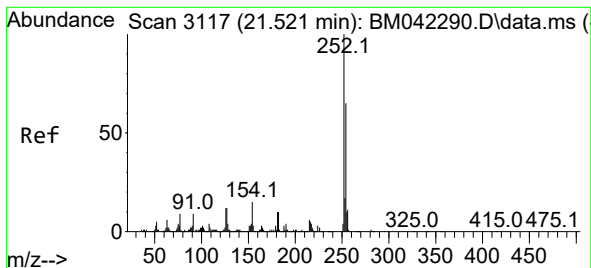
Ion Ratio Lower Upper

149 100

91 85.6 67.1 100.7

206 20.3 14.2 21.2





#84

3,3'-Dichlorobenzidine

Concen: 33.427 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

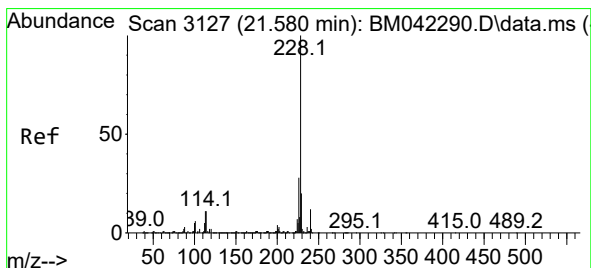
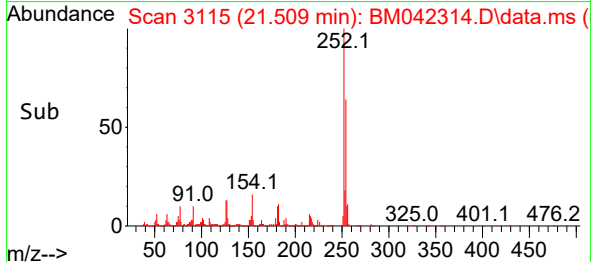
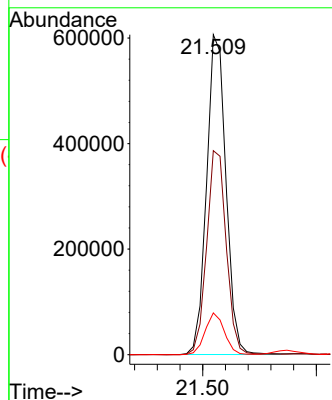
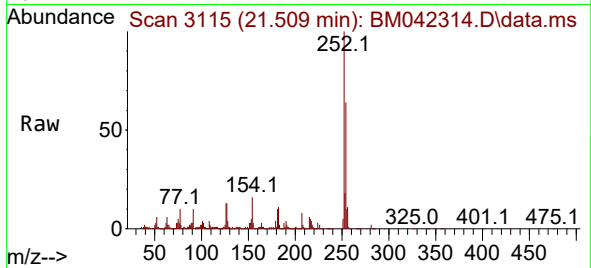
Tgt Ion:252 Resp: 717557

Ion Ratio Lower Upper

252 100

254 63.7 52.5 78.7

126 13.0 10.4 15.6



#85

Benzo(a)anthracene

Concen: 33.884 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

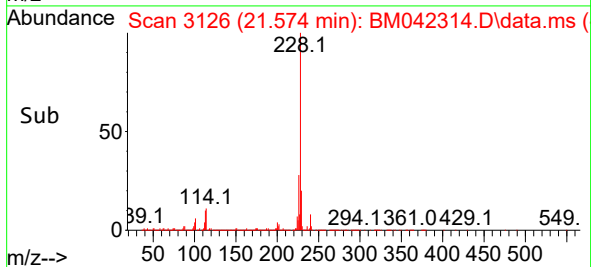
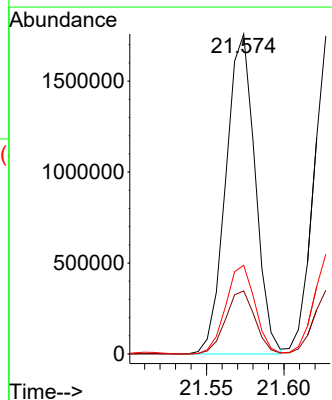
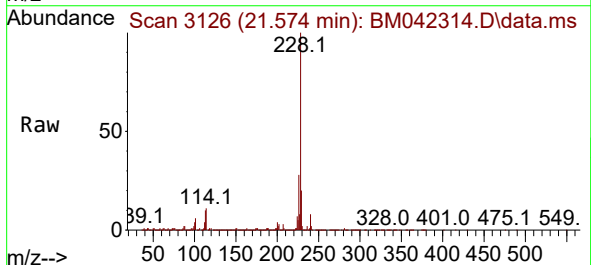
Tgt Ion:228 Resp: 2309891

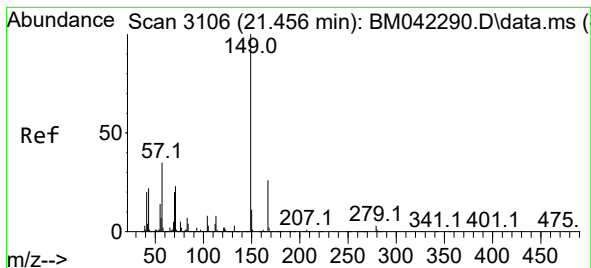
Ion Ratio Lower Upper

228 100

229 19.7 15.9 23.9

226 27.7 22.2 33.4

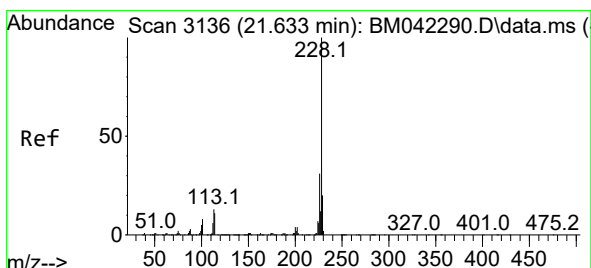
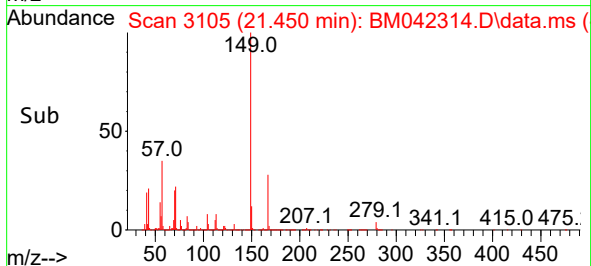
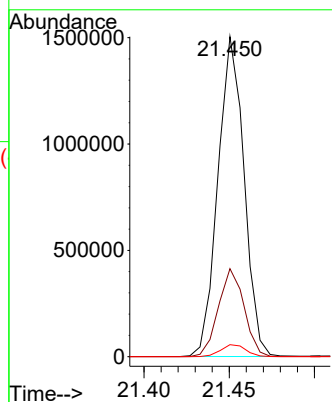
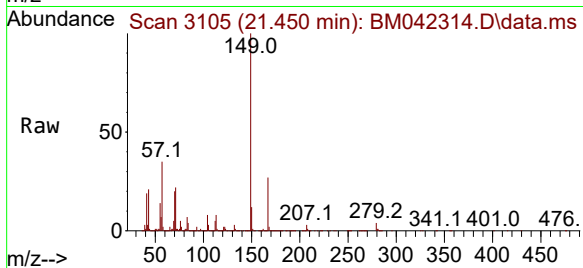




#86
Bis(2-ethylhexyl)phthalate
Concen: 37.366 ng/ul
RT: 21.450 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

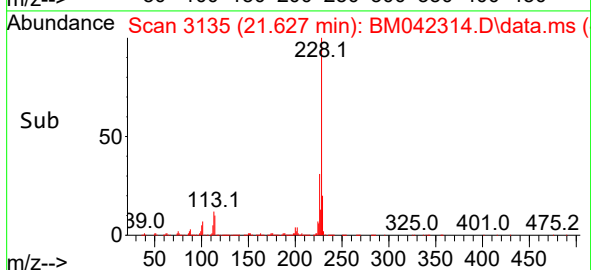
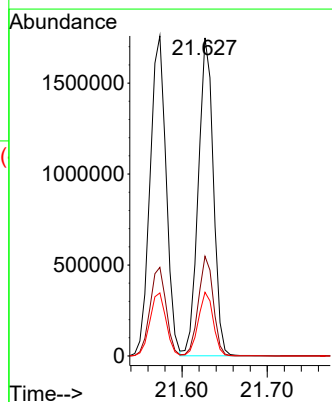
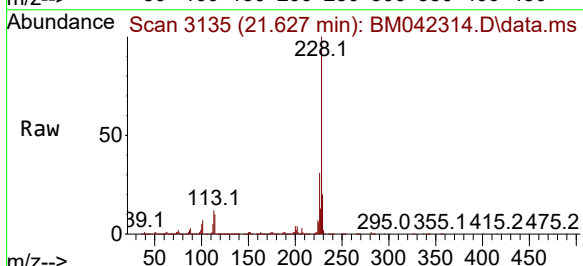
Instrument :
BNA_M
ClientSampleId :
DFTPP122

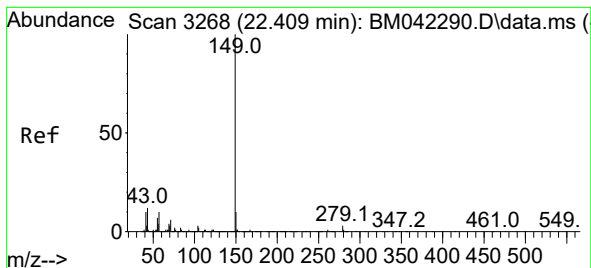
Tgt Ion:149 Resp: 1604666
Ion Ratio Lower Upper
149 100
167 27.5 21.1 31.7
279 3.8 2.4 3.6#



#87
Chrysene
Concen: 34.191 ng/ul
RT: 21.627 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BM042314.D
Acq: 17 Oct 2023 00:29

Tgt Ion:228 Resp: 2143508
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.0 15.7 23.5





#89

Di-n-octyl phthalate

Concen: 40.154 ng/ul

RT: 22.397 min Scan# 3419

Delta R.T. -0.012 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

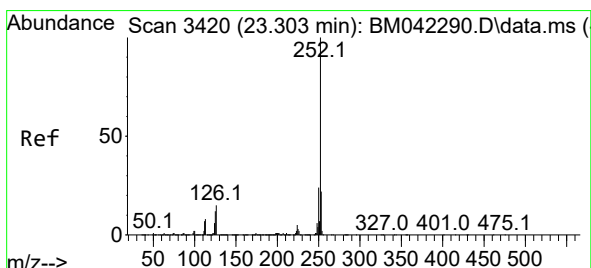
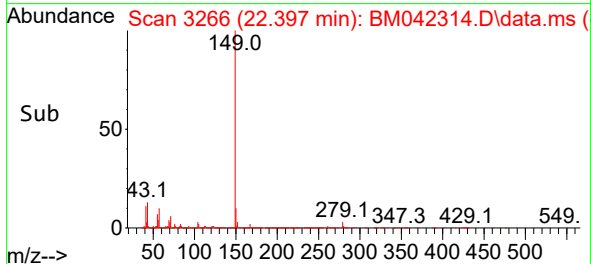
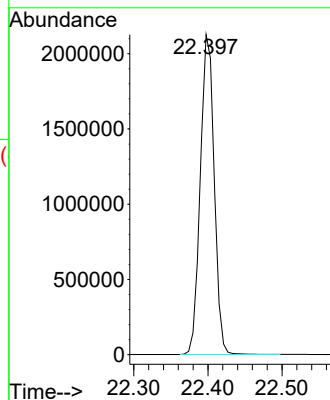
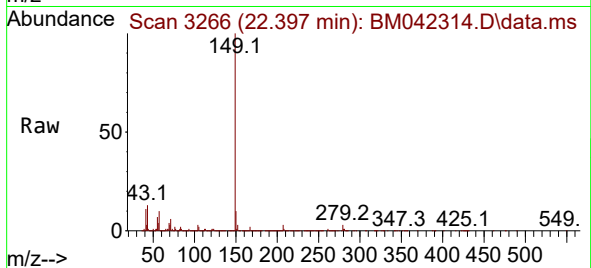
Instrument :

BNA_M

ClientSampleId :

DFTPP122

Tgt Ion:149 Resp: 2768558



#90

Benzo(b)fluoranthene

Concen: 37.172 ng/ul

RT: 23.297 min Scan# 3419

Delta R.T. -0.012 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

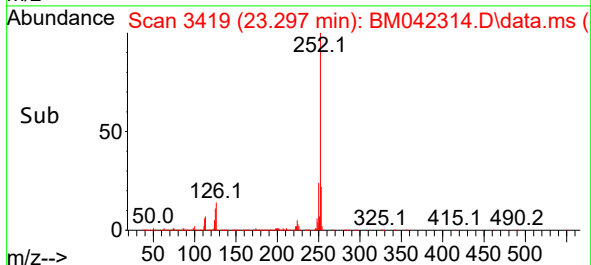
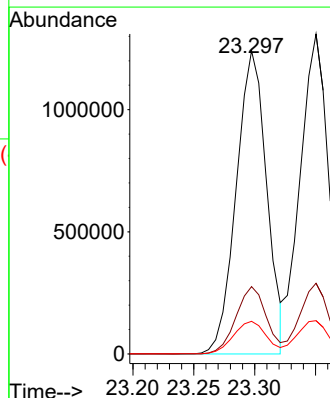
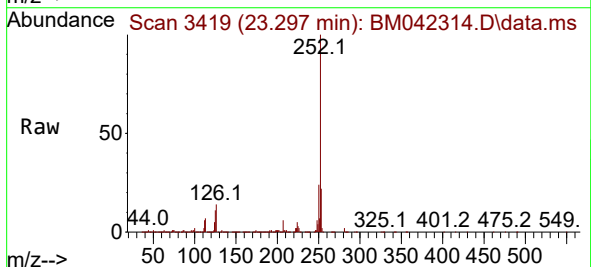
Tgt Ion:252 Resp: 2156125

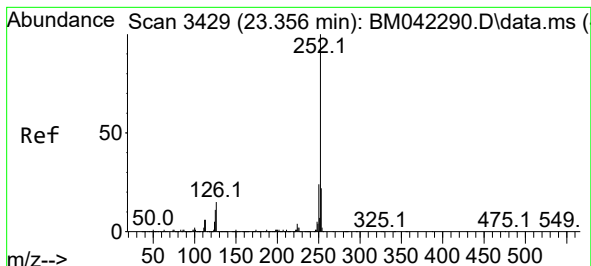
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.8 9.4 14.2





#91

Benzo(k)fluoranthene

Concen: 37.435 ng/ul

RT: 23.350 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

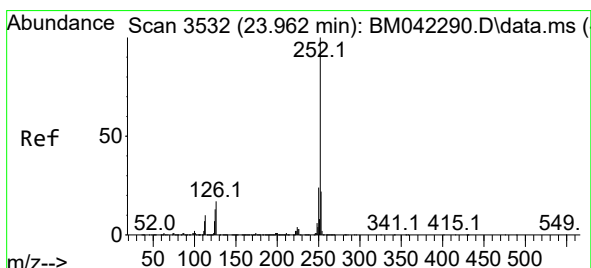
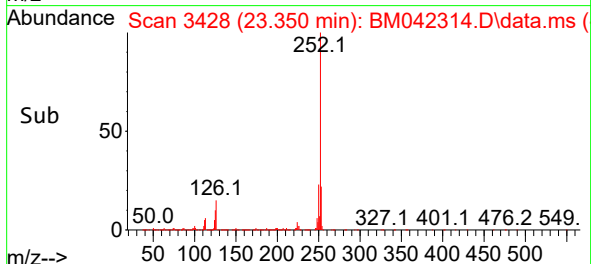
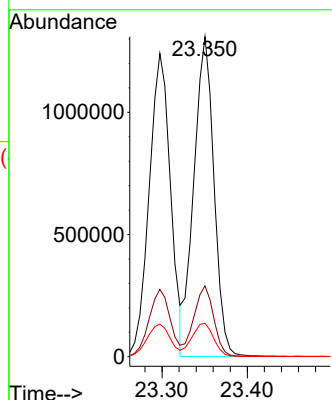
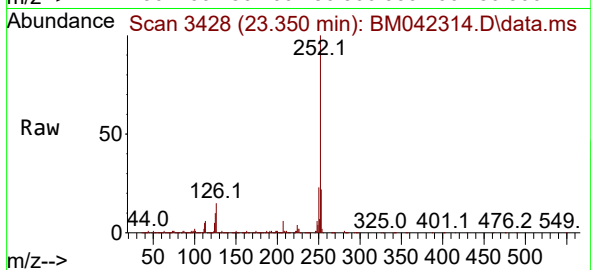
Tgt Ion:252 Resp: 2147515

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.4 9.8 14.6



#93

Benzo(a)pyrene

Concen: 33.945 ng/ul

RT: 23.956 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

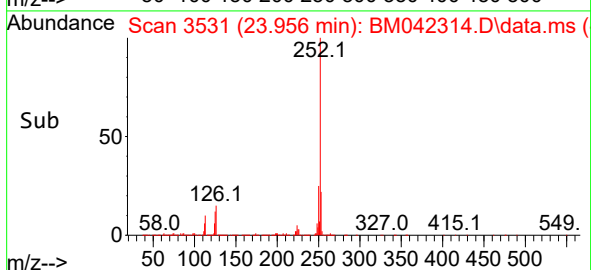
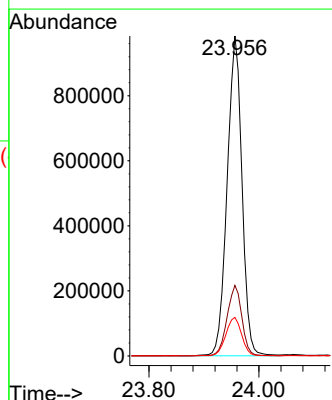
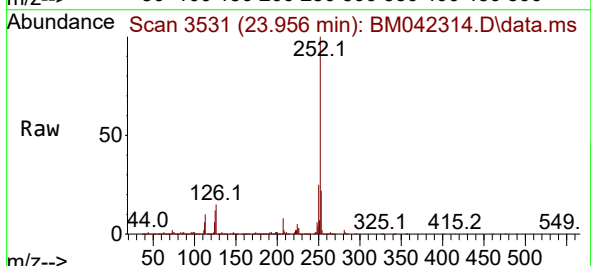
Tgt Ion:252 Resp: 1842491

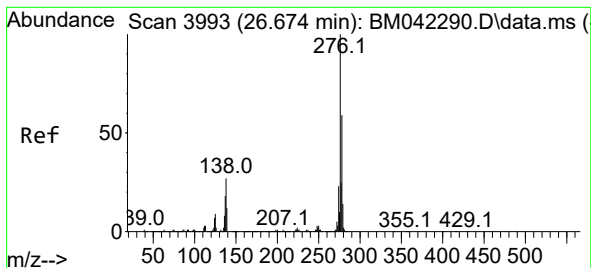
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 12.1 10.8 16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 33.241 ng/ul

RT: 26.668 min Scan# 3992

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122

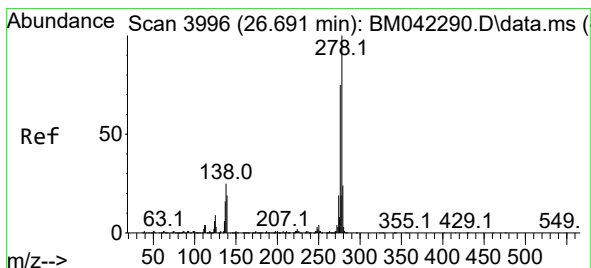
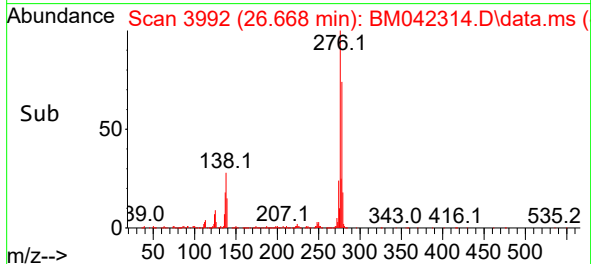
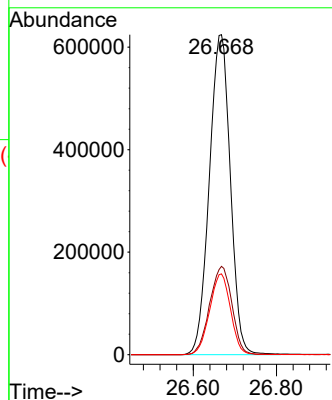
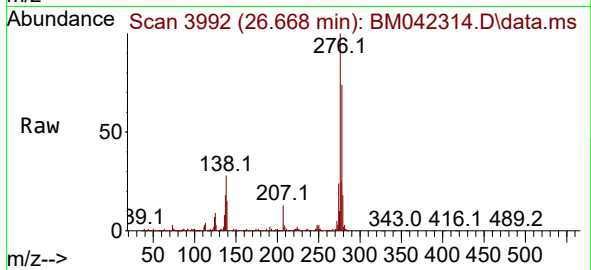
Tgt Ion:276 Resp: 2191346

Ion Ratio Lower Upper

276 100

138 27.6 22.8 34.2

277 25.2 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 33.366 ng/ul

RT: 26.685 min Scan# 3995

Delta R.T. -0.006 min

Lab File: BM042314.D

Acq: 17 Oct 2023 00:29

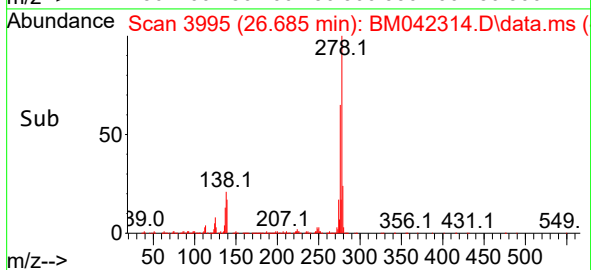
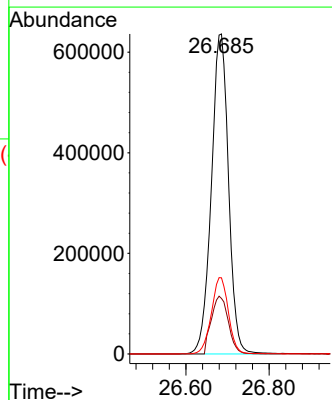
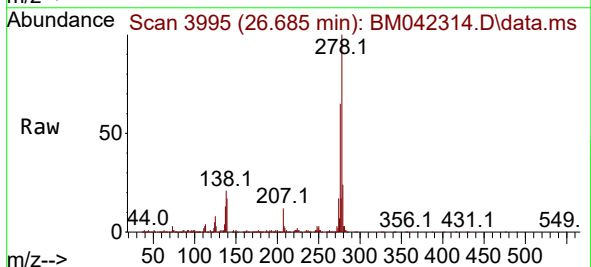
Tgt Ion:278 Resp: 1824672

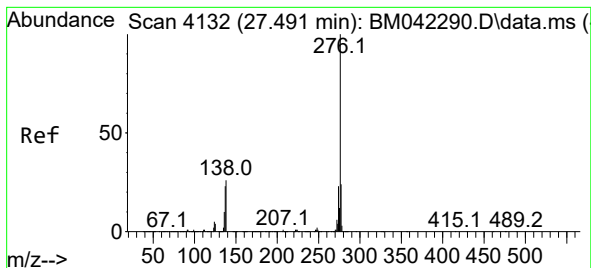
Ion Ratio Lower Upper

278 100

139 17.4 15.8 23.8

279 23.8 19.1 28.7





#96

Benzo(g,h,i)perylene

Concen: 32.776 ng/ul

RT: 27.479 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM042314.D

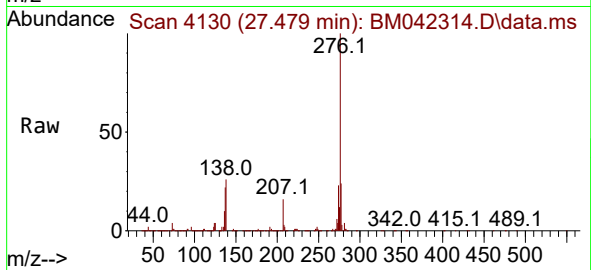
Acq: 17 Oct 2023 00:29

Instrument :

BNA_M

ClientSampleId :

DFTPP122



Tgt Ion:276 Resp: 1690251

Ion Ratio Lower Upper

276 100

138 26.1 22.1 33.1

277 24.3 19.4 29.0

