

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
 Data File : BP015355.D
 Acq On : 31 May 2023 12:38
 Operator : CG/JU
 Sample : 02961-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FQ2MS

Quant Time: May 31 22:41:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 31 14:24:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	152322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	685436	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	479416	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1155661	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.586	240	1207056	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1383056	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	18424	4.700	ng/uL	0.00
4) Pyridine-d5	3.858	84	122172	10.994	ng/ul	0.00
7) Phenol-d5	7.258	99	95608	6.760	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	284247	34.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	286756	27.577	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	195426	17.341	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	208288	38.671	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	230837	38.517	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	394024	36.435	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	487983	30.498	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	1588318	43.843	ng/ul	0.00
49) Acenaphthylene-d8	14.445	160	1659835	40.060	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	59411	8.446	ng/ul	0.00
60) Fluorene-d10	15.745	176	1318345	43.127	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	316808	43.499	ng/ul	0.00
73) Anthracene-d10	17.610	188	2124509	40.147	ng/ul	0.00
81) Pyrene-d10	19.828	212	2684176	38.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2951202	42.985	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	19956	4.737	ng/uL#	95
5) Pyridine	3.881	79	120597	10.435	ng/ul#	92
6) Benzaldehyde	7.240	77	321112	82.606	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.522	93	374521	32.279	ng/ul	98
12) 2-Chlorophenol	7.663	128	286176	26.019	ng/ul	98
13) 2-Methylphenol	8.552	108	216823	19.345	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.634	45	476958	32.811	ng/ul	100
16) Acetophenone	8.940	105	644692	36.654	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.922	70	336071	36.433	ng/ul	94
18) 4-Methylphenol	8.887	108	209853	17.010	ng/ul	99
19) Hexachloroethane	9.199	117	148888	33.153	ng/ul#	78
22) Nitrobenzene	9.328	77	496557	37.328	ng/ul	97
23) Isophorone	9.857	82	1001377	36.623	ng/ul#	99
25) 2-Nitrophenol	10.046	139	237143	36.084	ng/ul#	92
26) 2,4-Dimethylphenol	10.099	107	318827	24.311	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.334	93	563428	33.867	ng/ul	99
29) 2,4-Dichlorophenol	10.581	162	385193	35.263	ng/ul	99
30) Naphthalene	10.987	128	1304794	35.014	ng/ul	100
32) 4-Chloroaniline	11.099	127	475086	28.889	ng/ul	99
33) Hexachlorobutadiene	11.263	225	287370	43.649	ng/ul	96
34) Caprolactam	11.887	113	20694	5.025	ng/ul	90
35) 4-Chloro-3-methylphenol	12.210	107	402138	32.603	ng/ul	99
36) 2-Methylnaphthalene	12.587	142	933450	37.177	ng/ul	100
37) 1-Methylnaphthalene	12.804	142	943371	37.414	ng/ul	99

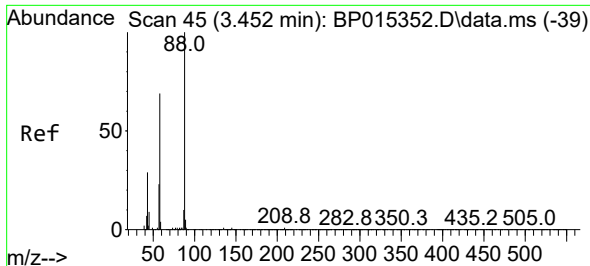
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.951	216	587606	40.982	ng/ul	97
40) Hexachlorocyclopentadiene	12.922	237	286718	30.863	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	394762	38.990	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	435187	39.643	ng/ul	99
43) 1,1'-Biphenyl	13.587	154	1350622	36.310	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	1073450	36.953	ng/ul	99
45) 2-Nitroaniline	13.840	65	356607	42.905	ng/ul	93
47) Dimethylphthalate	14.204	163	1535186	40.690	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	336013	44.954	ng/ul	99
50) Acenaphthylene	14.475	152	1702799	36.833	ng/ul	99
51) 3-Nitroaniline	14.663	138	293899	43.666	ng/ul	99
52) Acenaphthene	14.816	153	1184637	37.518	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	204045	41.114	ng/ul	92
55) 4-Nitrophenol	14.969	109	50383	9.738	ng/ul	85
56) Dibenzofuran	15.151	168	1716834	39.092	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	490014	45.305	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.375	232	426699	46.056	ng/ul	94
59) Diethylphthalate	15.557	149	1563868	41.559	ng/ul	99
61) Fluorene	15.798	166	1406386	39.848	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.787	204	742097	43.033	ng/ul	99
63) 4-Nitroaniline	15.828	138	318573	54.811	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.887	198	303176	40.335	ng/ul#	95
67) N-Nitrosodiphenylamine	16.004	169	1196413	35.208	ng/ul	99
68) 4-Bromophenyl-phenylether	16.687	248	536862	45.101	ng/ul	96
69) Hexachlorobenzene	16.810	284	663727	47.184	ng/ul#	90
70) Atrazine	16.957	200	532280	42.379	ng/ul	98
71) Pentachlorophenol	17.157	266	390247	44.351	ng/ul	98
72) Phenanthrene	17.551	178	2433517	38.670	ng/ul	100
74) Anthracene	17.639	178	2411327	37.893	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	609043	37.170	ng/uL	98
76) Pentachlorobenzene	15.069	250	675681	41.069	ng/uL	98
77) Carbazole	17.910	167	2228877	39.943	ng/ul	100
78) Di-n-butylphthalate	18.433	149	2801695	38.988	ng/ul	99
80) Fluoranthene	19.504	202	3072562	36.009	ng/ul#	93
82) Pyrene	19.857	202	3165588	35.926	ng/ul#	93
83) Butylbenzylphthalate	20.710	149	1368462	35.032	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	989980	37.344	ng/ul#	97
85) Benzo(a)anthracene	21.569	228	3288961	39.407	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1985360	35.302	ng/ul#	98
87) Chrysene	21.627	228	3111311	38.997	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	3428922	36.200	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	3627089	41.368	ng/ul#	97
91) Benzo(k)fluoranthene	23.410	252	3329760	39.550	ng/ul#	97
93) Benzo(a)pyrene	24.033	252	2996476	38.665	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.862	276	3695384	36.826	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.874	278	3078546	37.373	ng/ul#	95
96) Benzo(g,h,i)perylene	27.698	276	2931661	35.828	ng/ul#	93

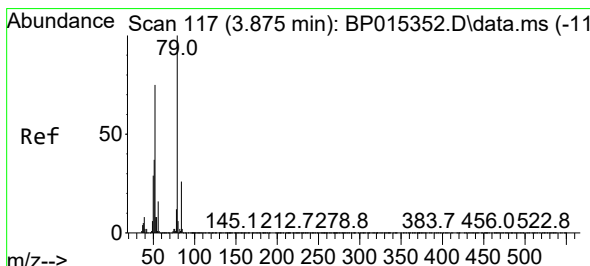
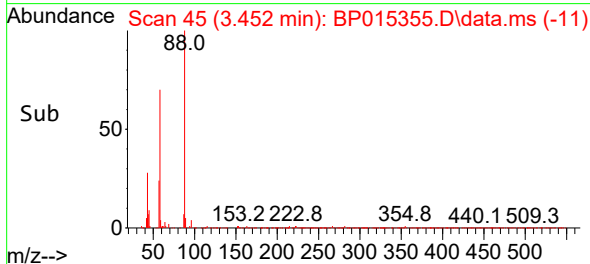
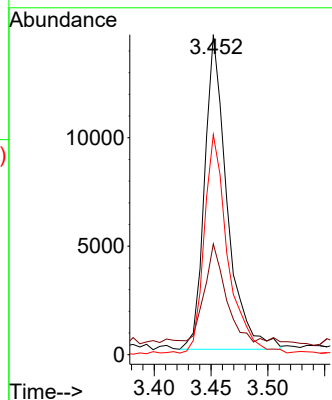
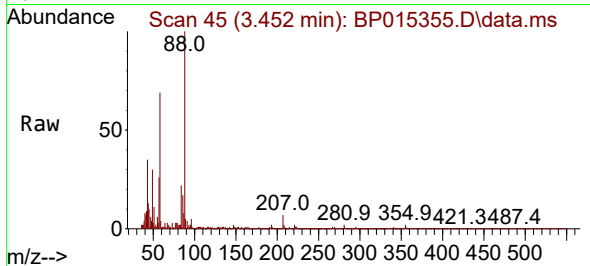
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#2
1,4-Dioxane
Concen: 4.737 ng/uL
RT: 3.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP015355.D
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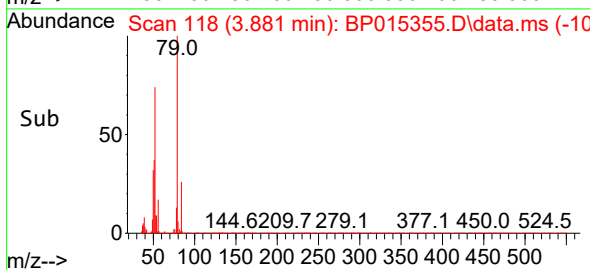
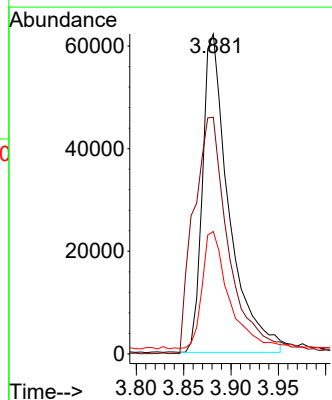
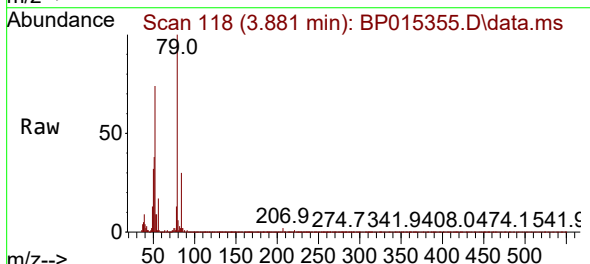
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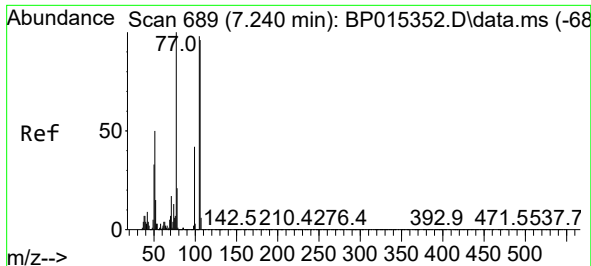
Tgt Ion: 88 Resp: 19956
Ion Ratio Lower Upper
88 100
43 34.6 20.4 30.6#
58 68.8 55.4 83.2



#5
Pyridine
Concen: 10.435 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. 0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion: 79 Resp: 120597
Ion Ratio Lower Upper
79 100
52 74.0 55.4 83.2
51 38.2 25.4 38.2#

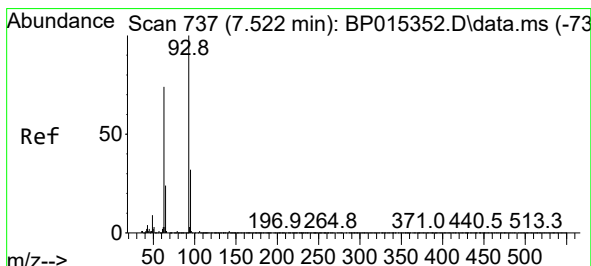
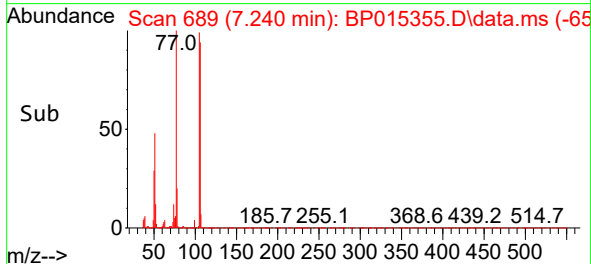
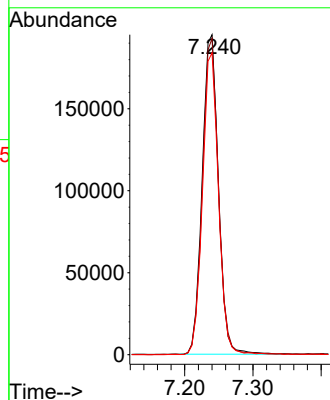
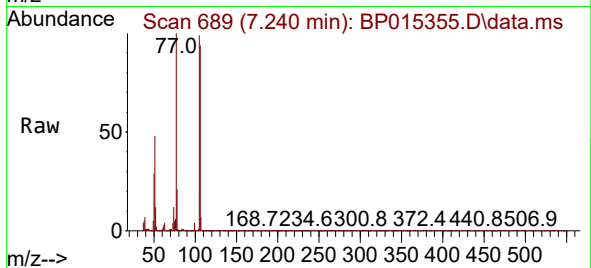




#6
Benzaldehyde
Concen: 82.606 ng/ul
RT: 7.240 min Scan# 689
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

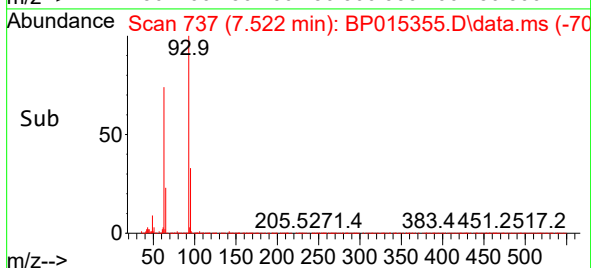
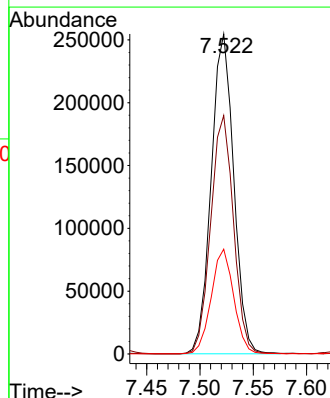
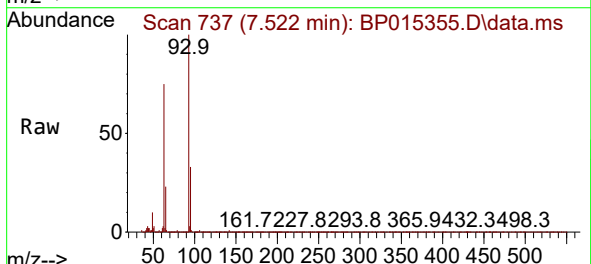
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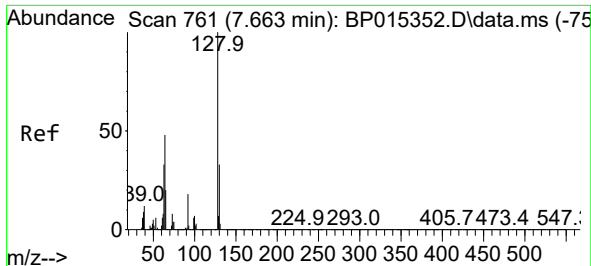
Tgt Ion: 77 Resp: 321112
Ion Ratio Lower Upper
77 100
105 98.8 76.9 115.3
106 94.3 75.0 112.6



#10
Bis(2-Chloroethyl)ether
Concen: 32.279 ng/ul
RT: 7.522 min Scan# 737
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion: 93 Resp: 374521
Ion Ratio Lower Upper
93 100
63 74.5 58.0 87.0
95 32.8 26.4 39.6

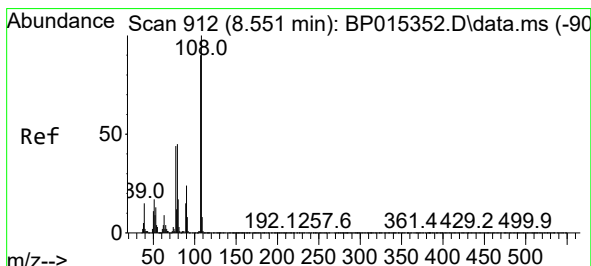
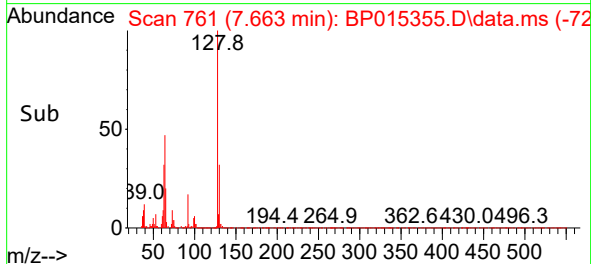
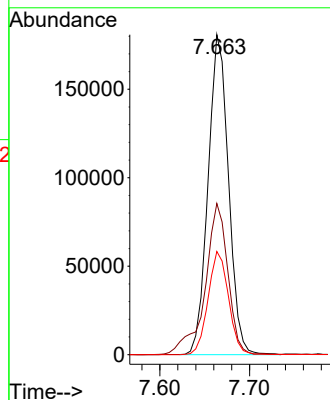
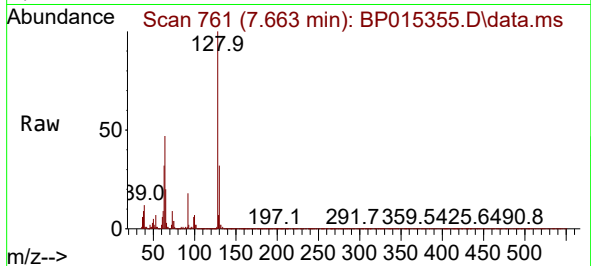




#12
2-Chlorophenol
Concen: 26.019 ng/ul
RT: 7.663 min Scan# 761
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

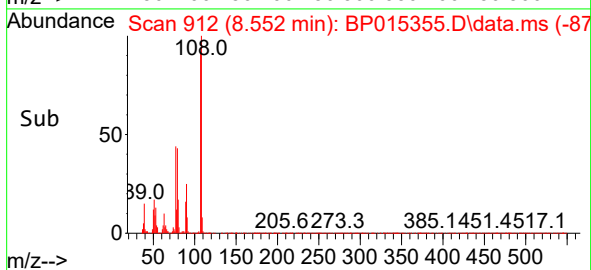
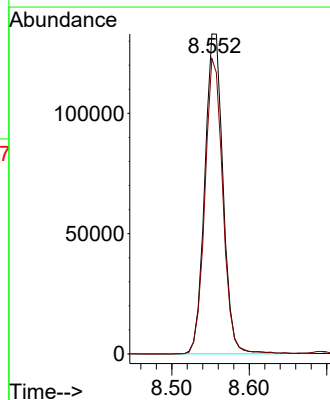
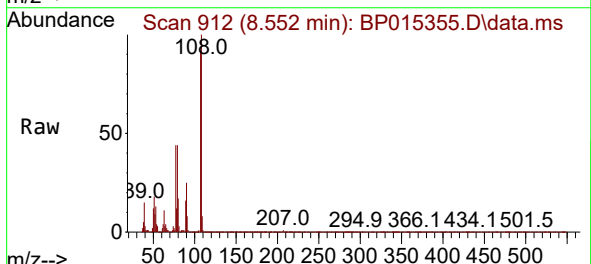
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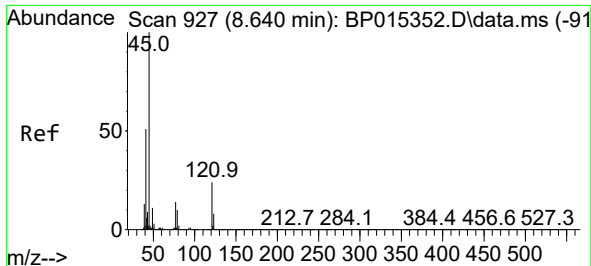
Tgt Ion:128 Resp: 286176
Ion Ratio Lower Upper
128 100
64 47.2 36.2 54.2
130 32.2 26.3 39.5



#13
2-Methylphenol
Concen: 19.345 ng/ul
RT: 8.552 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:108 Resp: 216823
Ion Ratio Lower Upper
108 100
107 92.3 71.8 107.6

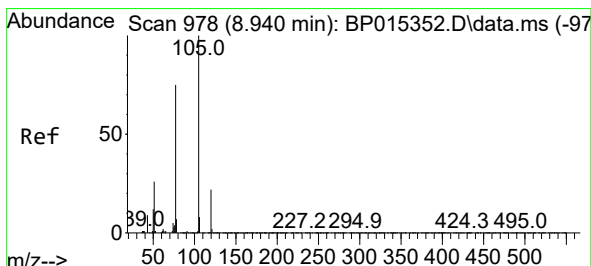
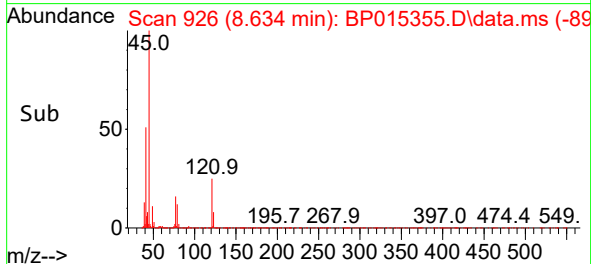
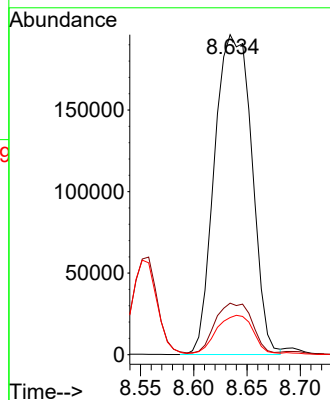
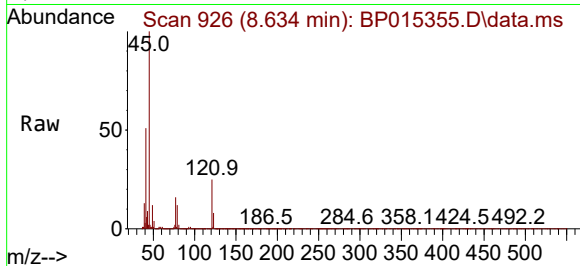




#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.811 ng/ul
RT: 8.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

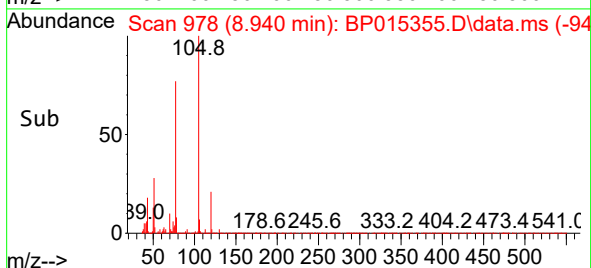
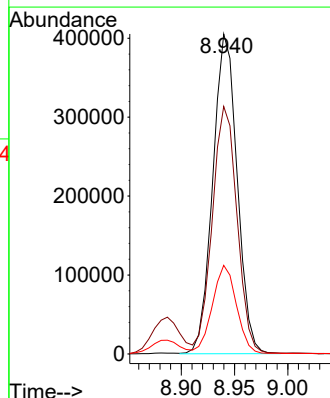
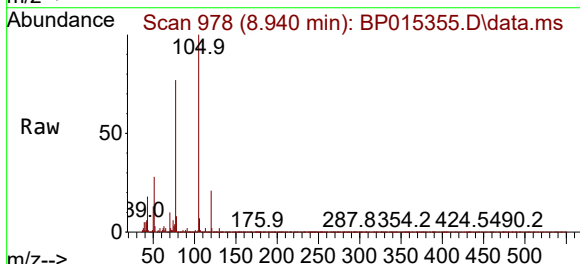
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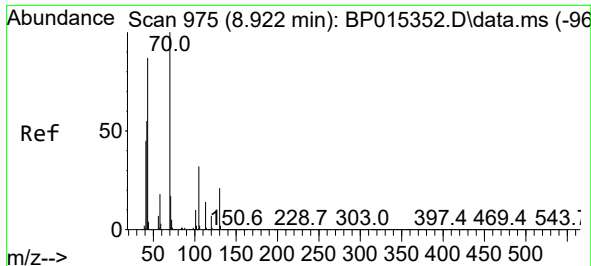
Tgt Ion: 45 Resp: 476958
Ion Ratio Lower Upper
45 100
77 16.1 12.8 19.2
79 11.6 9.5 14.3



#16
Acetophenone
Concen: 36.654 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:105 Resp: 644692
Ion Ratio Lower Upper
105 100
77 77.3 59.4 89.2
51 27.7 19.2 28.8

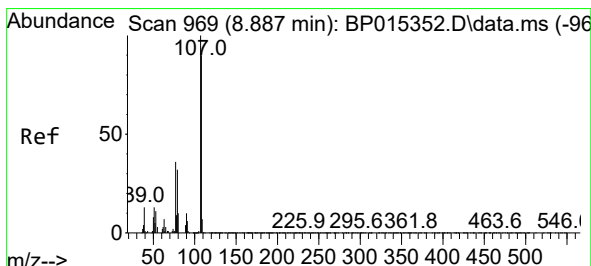
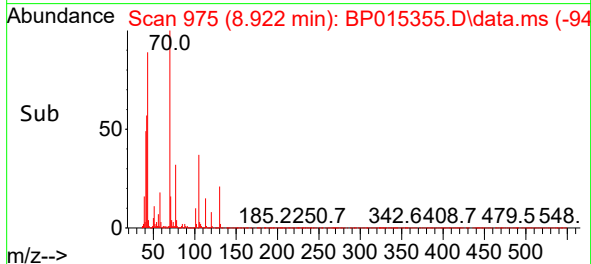
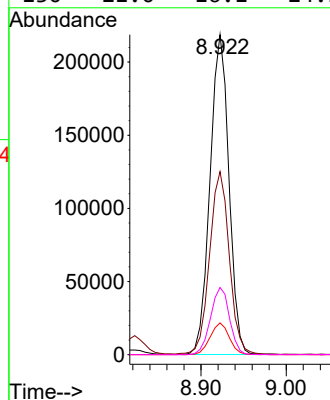
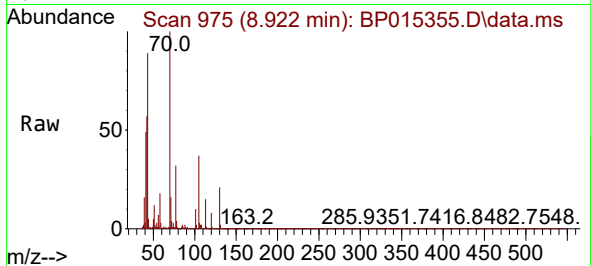




#17
N-Nitroso-di-n-propylamine
Concen: 36.433 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP015355.D
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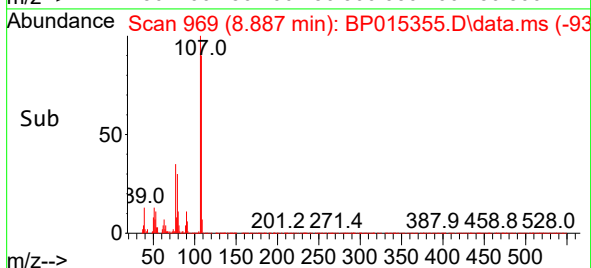
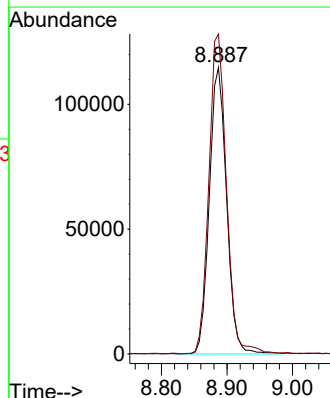
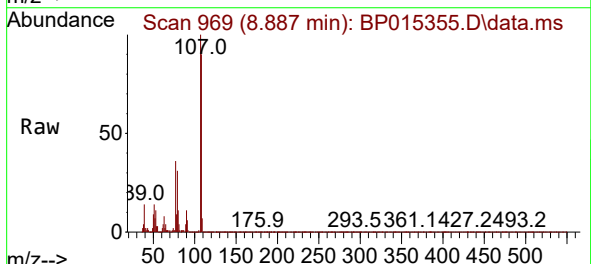
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ClientSampleId :
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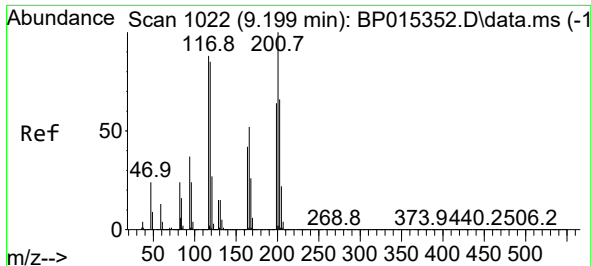
Tgt Ion:	70	Resp:	336071
Ion	Ratio	Lower	Upper
70	100		
42	57.2	41.0	61.6
101	10.0	7.9	11.9
130	21.0	16.1	24.1



#18
4-Methylphenol
Concen: 17.010 ng/ul
RT: 8.887 min Scan# 969
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:	108	Resp:	209853
Ion	Ratio	Lower	Upper
108	100		
107	111.6	88.5	132.7

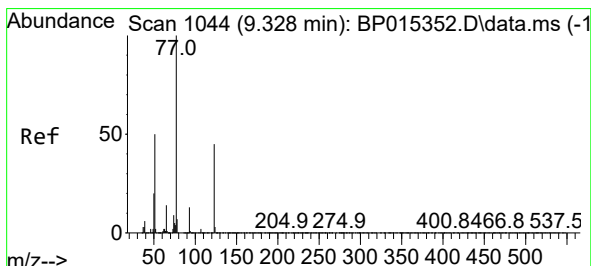
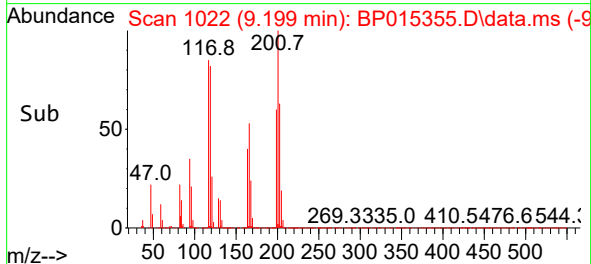
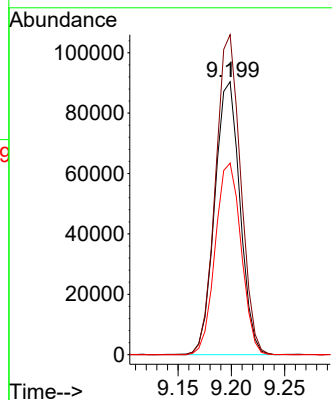
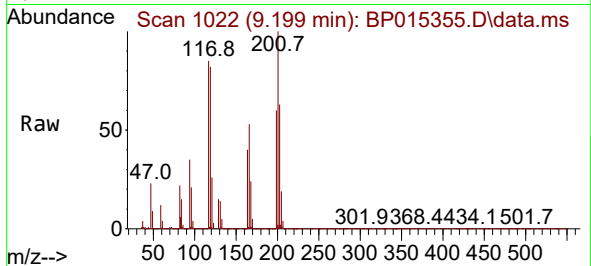




#19
Hexachloroethane
Concen: 33.153 ng/ul
RT: 9.199 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

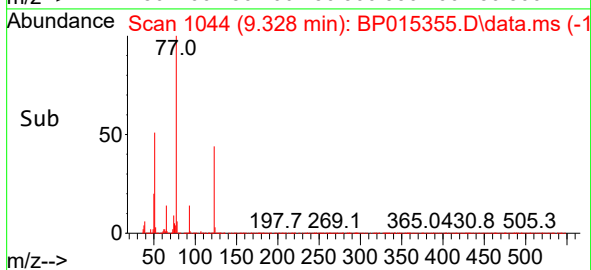
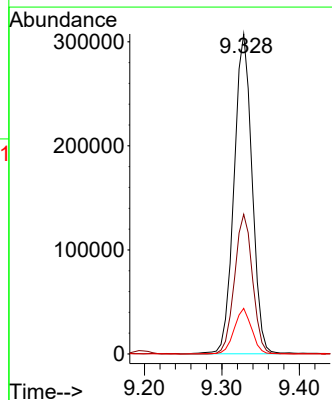
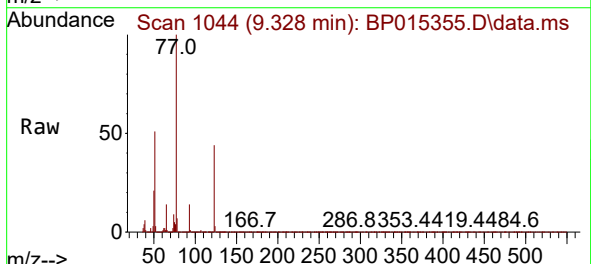
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

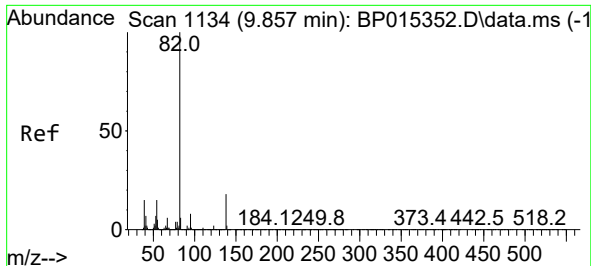
Tgt Ion:117 Resp: 148888
Ion Ratio Lower Upper
117 100
201 120.1 75.8 113.8#
199 70.2 46.5 69.7#



#22
Nitrobenzene
Concen: 37.328 ng/ul
RT: 9.328 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion: 77 Resp: 496557
Ion Ratio Lower Upper
77 100
123 43.7 36.2 54.2
65 14.3 10.1 15.1

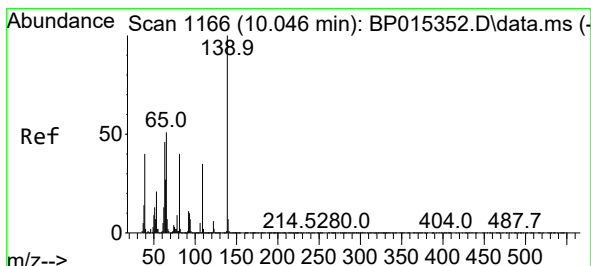
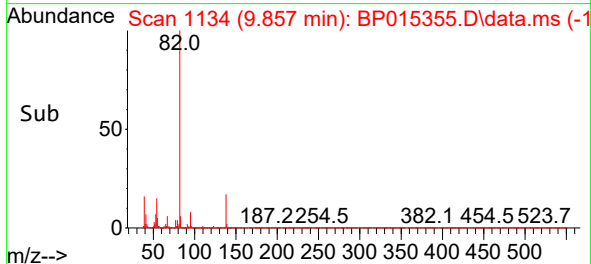
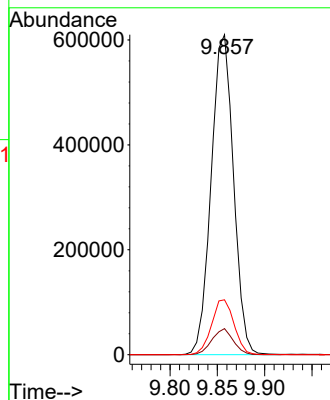
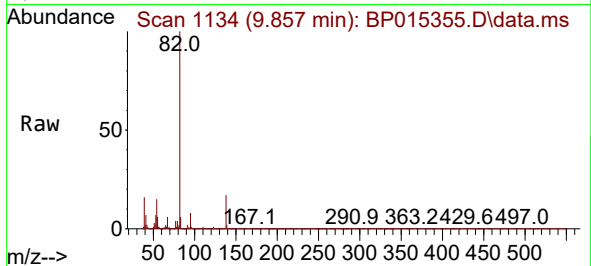




#23
Isophorone
Concen: 36.623 ng/ul
RT: 9.857 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

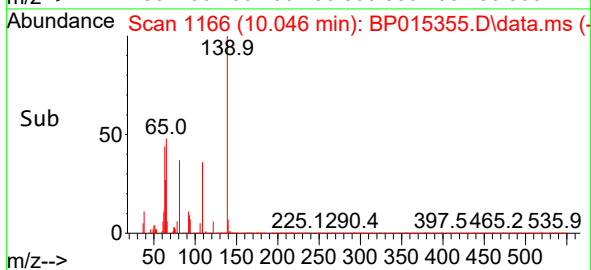
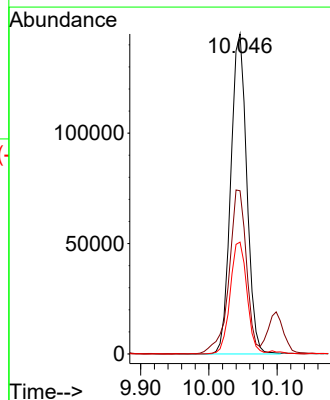
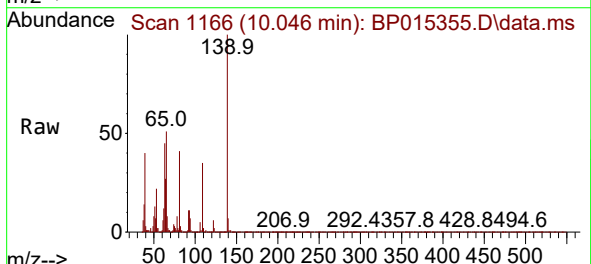
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

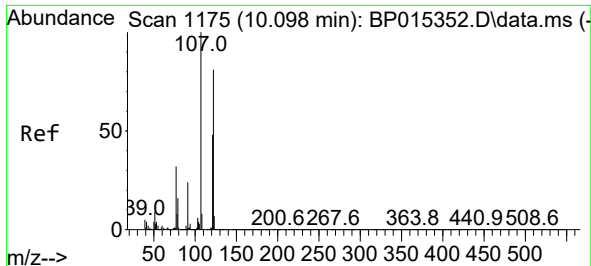
Tgt Ion: 82 Resp: 1001377
Ion Ratio Lower Upper
82 100
95 8.2 5.4 8.0#
138 17.1 13.6 20.4



#25
2-Nitrophenol
Concen: 36.084 ng/ul
RT: 10.046 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:139 Resp: 237143
Ion Ratio Lower Upper
139 100
65 51.0 38.4 57.6
109 34.9 22.2 33.2#

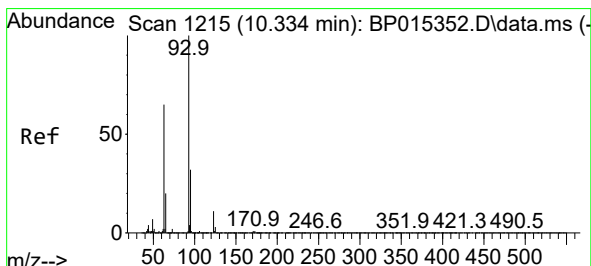
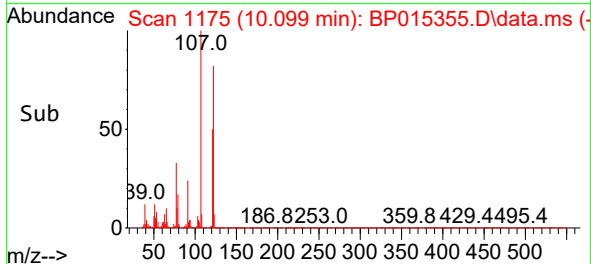
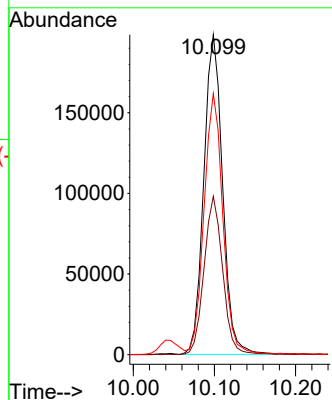
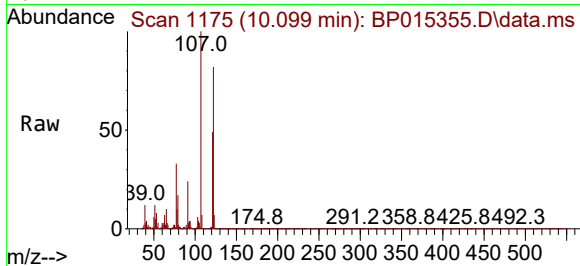




#26
2,4-Dimethylphenol
Concen: 24.311 ng/ul
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

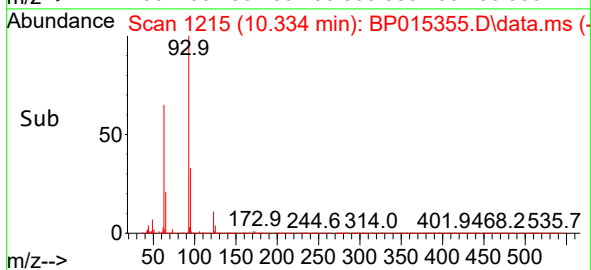
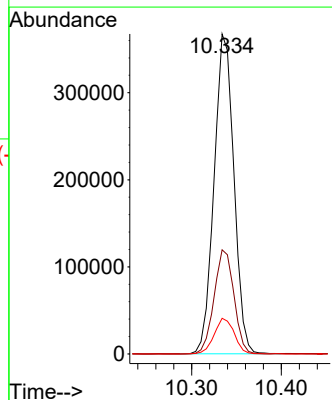
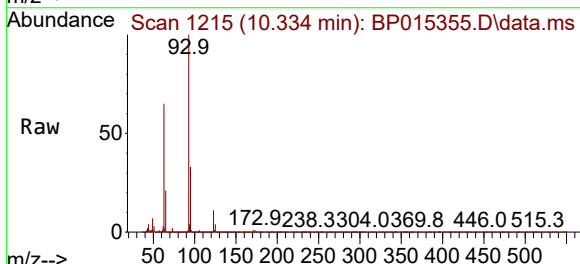
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

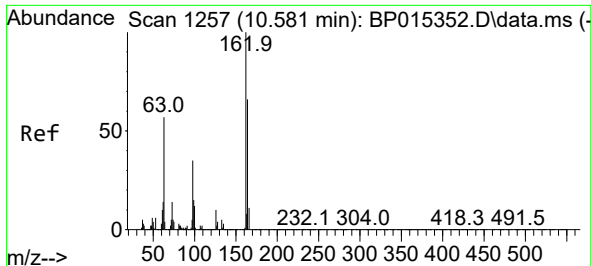
Tgt Ion:107 Resp: 318827
Ion Ratio Lower Upper
107 100
121 49.5 41.0 61.6
122 81.6 69.5 104.3



#27
Bis(2-Chloroethoxy)methane
Concen: 33.867 ng/ul
RT: 10.334 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion: 93 Resp: 563428
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.263 ng/ul

RT: 10.581 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

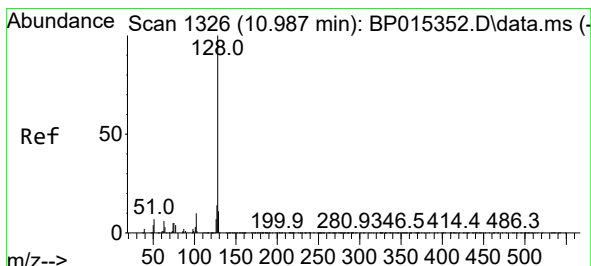
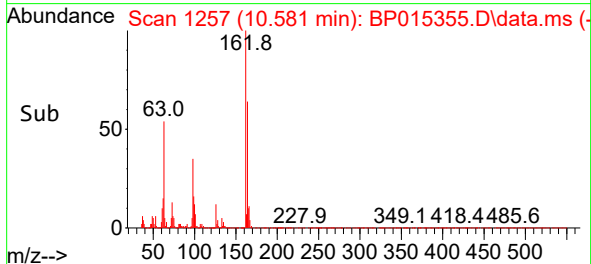
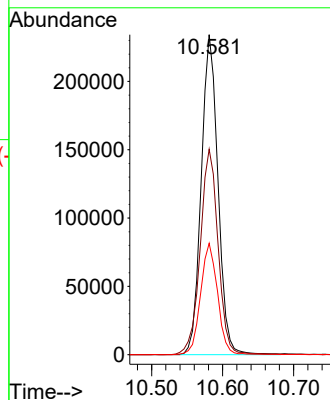
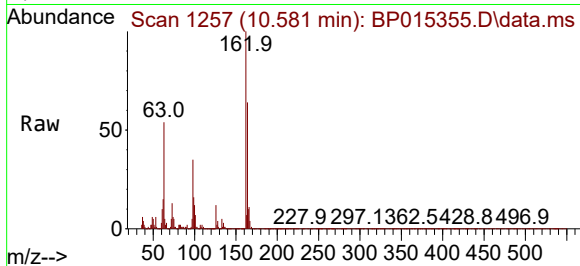
Tgt Ion:162 Resp: 385193

Ion Ratio Lower Upper

162 100

164 64.2 52.0 78.0

98 34.8 28.9 43.3



#30

Naphthalene

Concen: 35.014 ng/ul

RT: 10.987 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

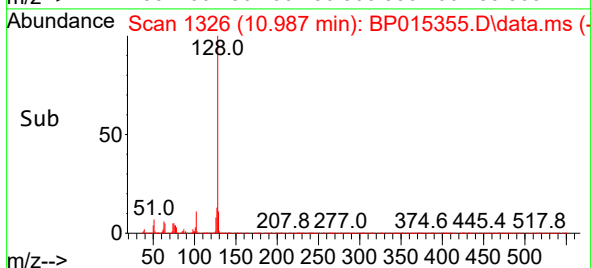
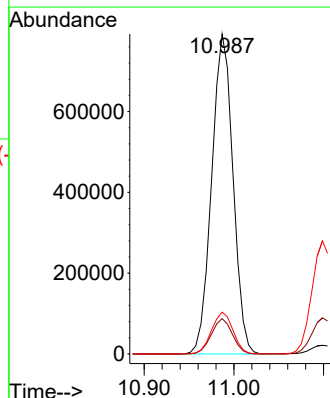
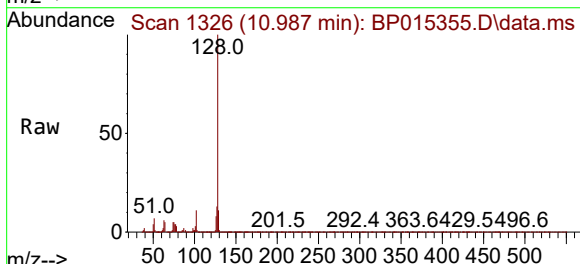
Tgt Ion:128 Resp: 1304794

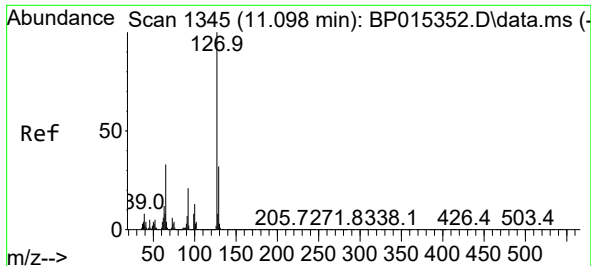
Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.0 10.6 15.8

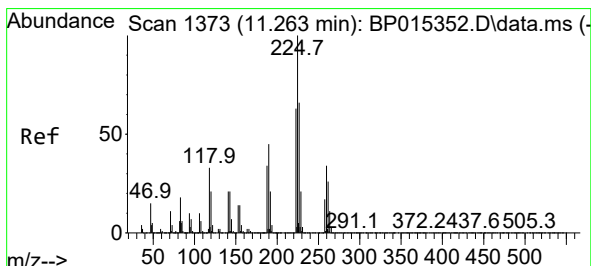
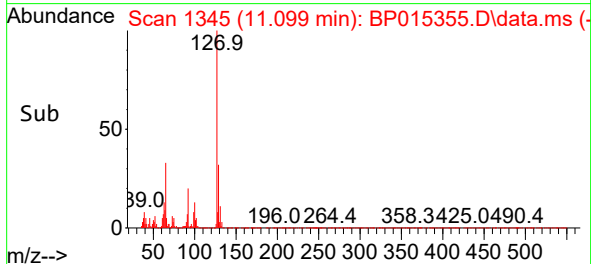
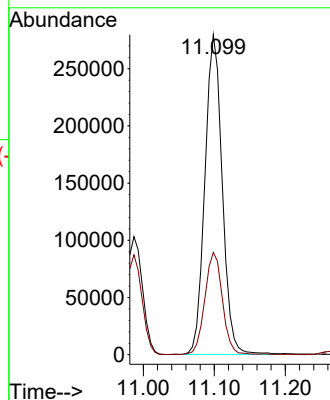
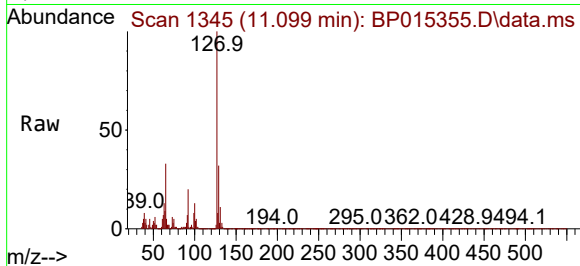




#32
4-Chloroaniline
Concen: 28.889 ng/ul
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

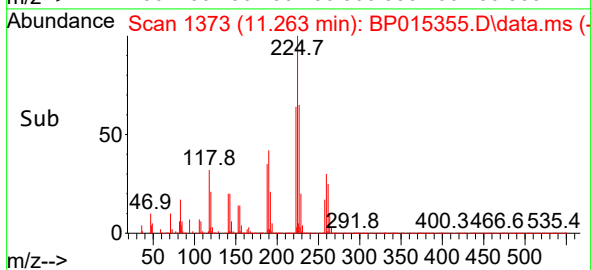
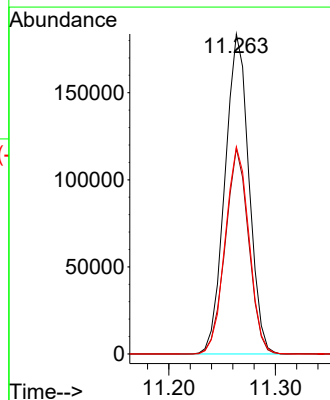
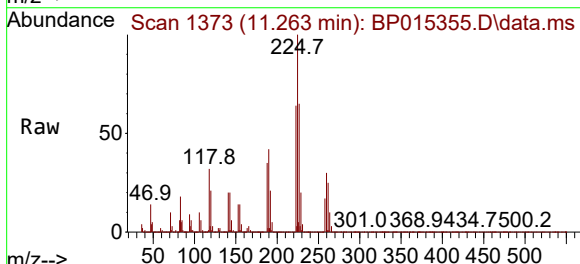
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

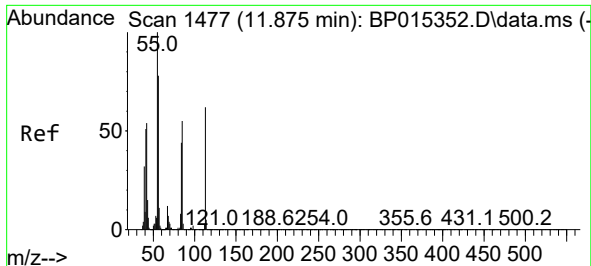
Tgt Ion:127 Resp: 475086
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8



#33
Hexachlorobutadiene
Concen: 43.649 ng/ul
RT: 11.263 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:225 Resp: 287370
Ion Ratio Lower Upper
225 100
223 61.5 51.0 76.6
227 61.9 52.2 78.4

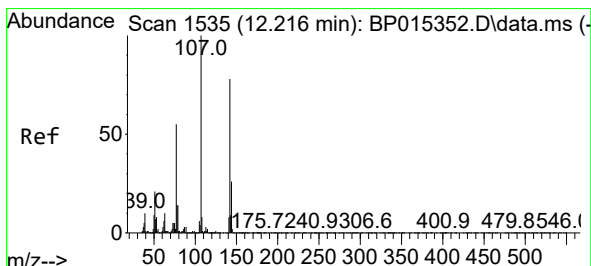
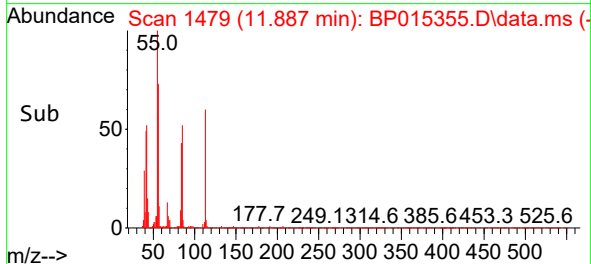
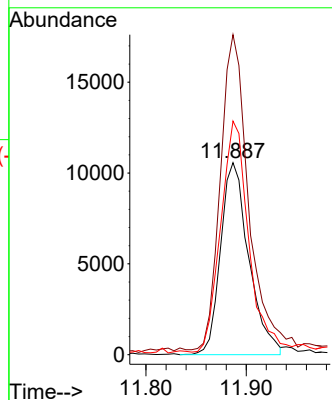
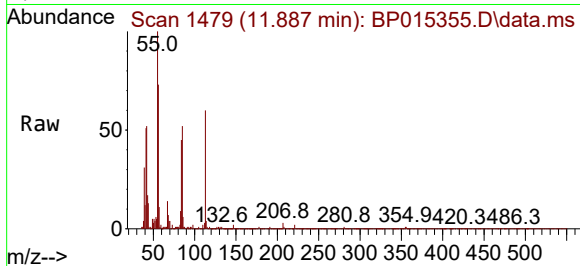




#34
Caprolactam
Concen: 5.025 ng/ul
RT: 11.887 min Scan# 1477
Delta R.T. 0.012 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

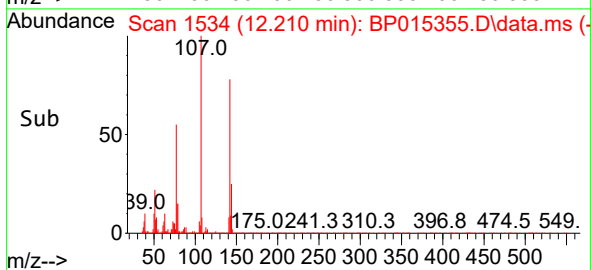
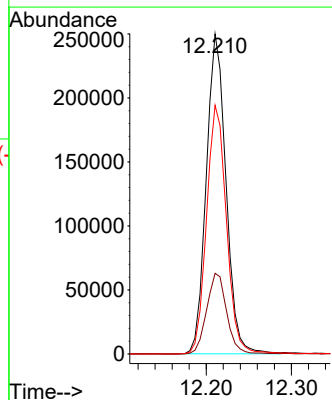
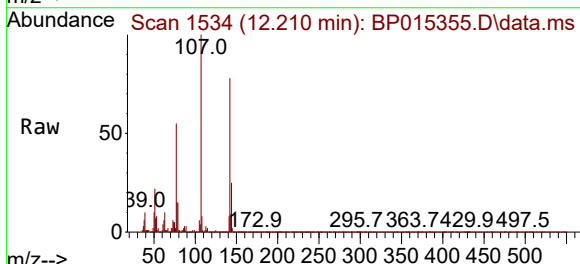
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

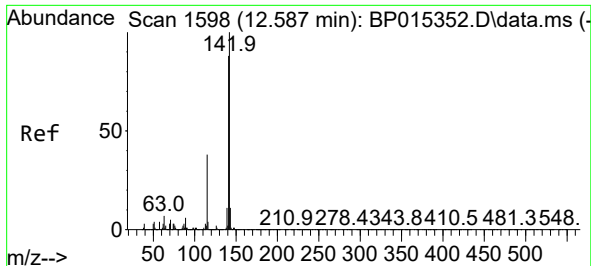
Tgt Ion:113 Resp: 20694
Ion Ratio Lower Upper
113 100
55 166.7 121.2 181.8
56 121.6 90.2 135.4



#35
4-Chloro-3-methylphenol
Concen: 32.603 ng/ul
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:107 Resp: 402138
Ion Ratio Lower Upper
107 100
144 25.2 20.3 30.5
142 77.7 63.2 94.8

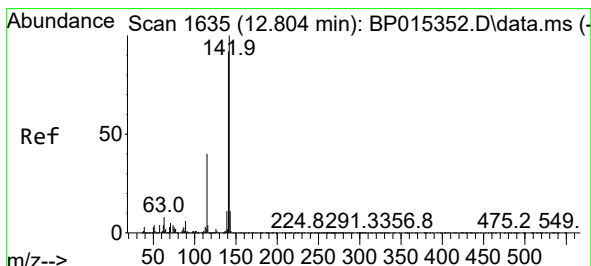
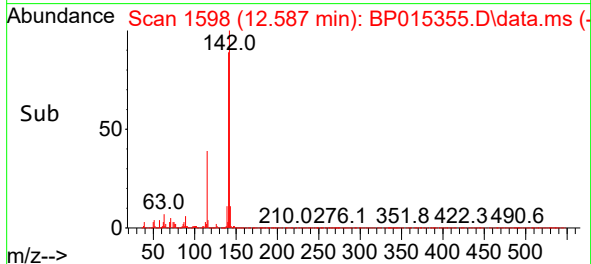
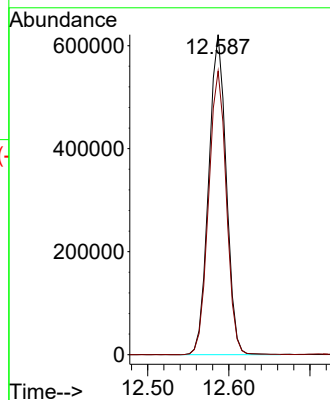
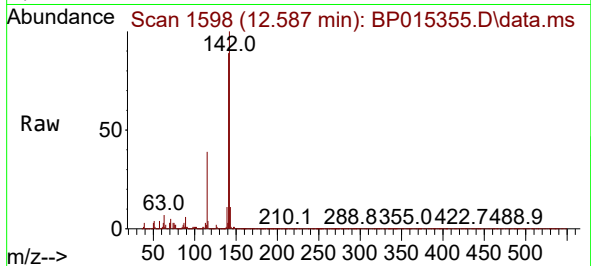




#36
2-Methylnaphthalene
Concen: 37.177 ng/ul
RT: 12.587 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

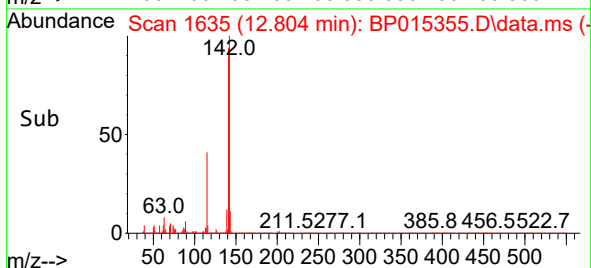
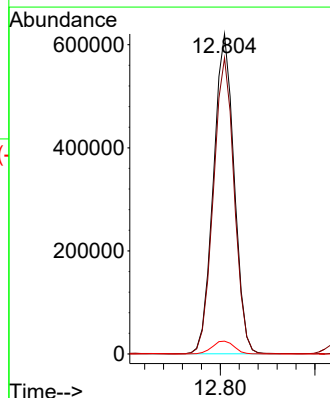
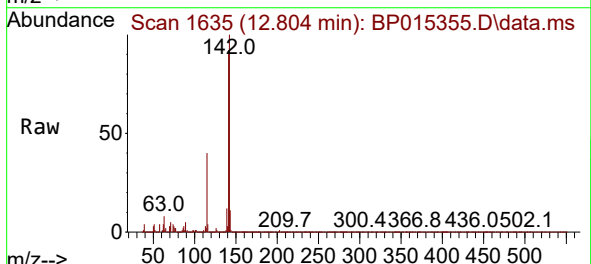
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

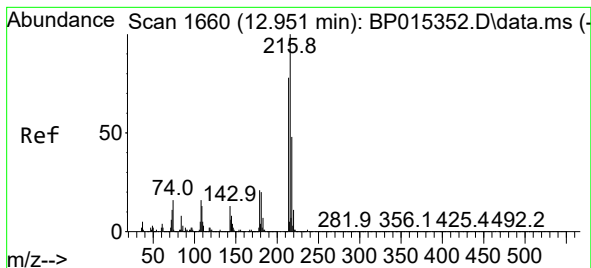
Tgt Ion:142 Resp: 933450
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6



#37
1-Methylnaphthalene
Concen: 37.414 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:142 Resp: 943371
Ion Ratio Lower Upper
142 100
141 92.5 74.6 112.0
116 4.0 2.9 4.3

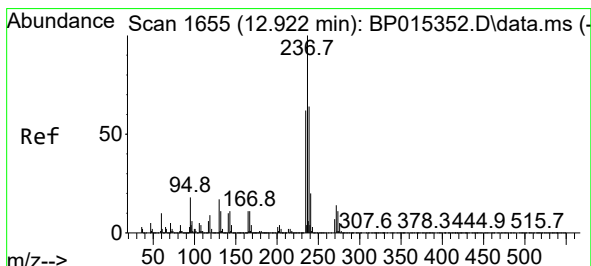
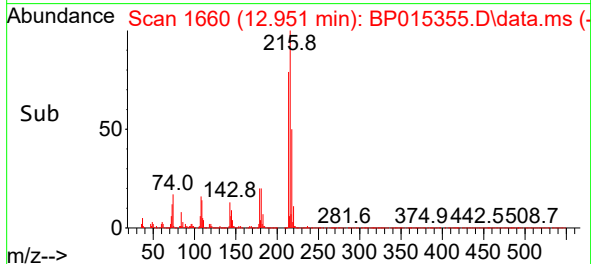
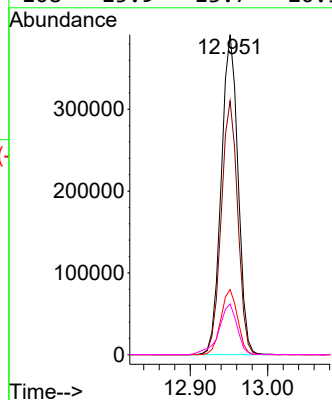
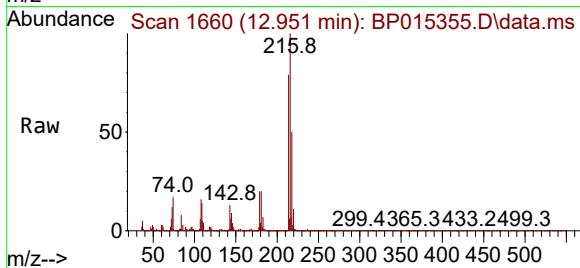




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.982 ng/ul
RT: 12.951 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

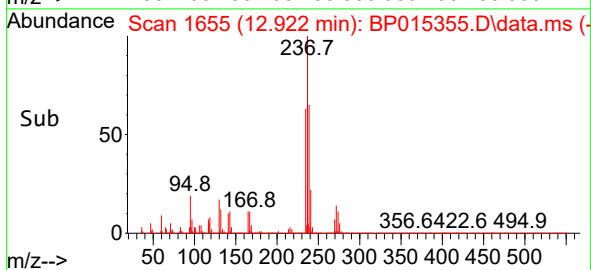
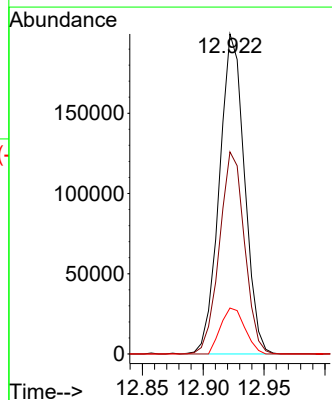
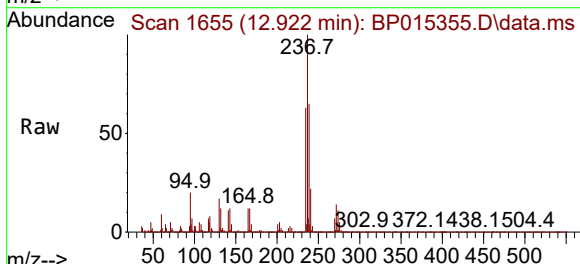
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

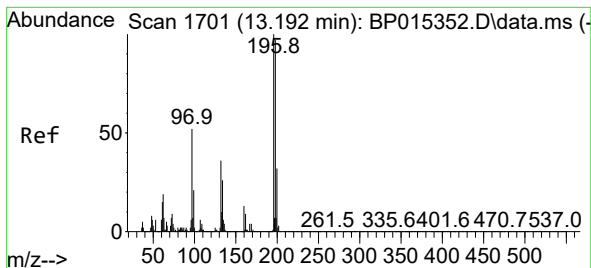
Tgt Ion:	216	Resp:	587606
Ion Ratio	Lower	Upper	
216	100		
214	79.3	61.4	92.0
179	20.3	15.9	23.9
108	15.9	13.7	20.5



#40
Hexachlorocyclopentadiene
Concen: 30.863 ng/ul
RT: 12.922 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:	237	Resp:	286718
Ion Ratio	Lower	Upper	
237	100		
235	63.3	49.4	74.0
272	14.2	10.4	15.6





#41

2,4,6-Trichlorophenol

Concen: 38.990 ng/ul

RT: 13.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

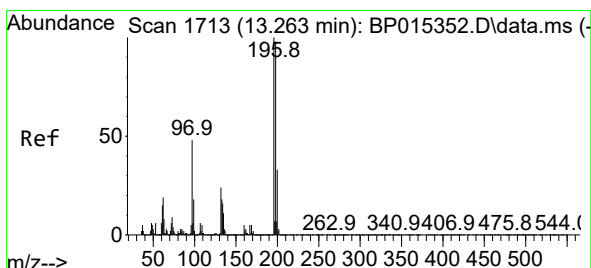
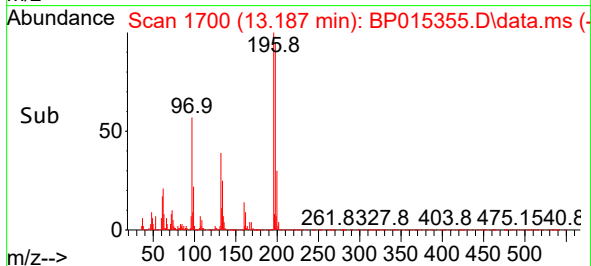
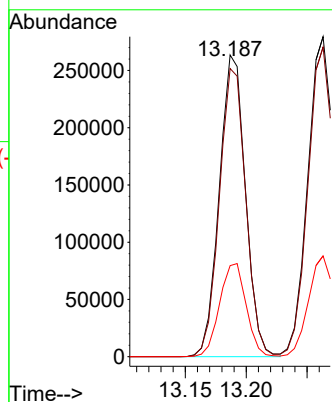
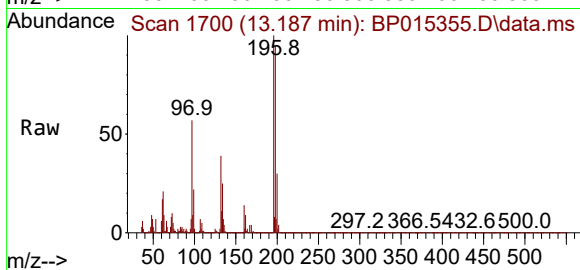
Tgt Ion:196 Resp: 394762

Ion Ratio Lower Upper

196 100

198 95.5 75.5 113.3

200 30.2 23.6 35.4



#42

2,4,5-Trichlorophenol

Concen: 39.643 ng/ul

RT: 13.263 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

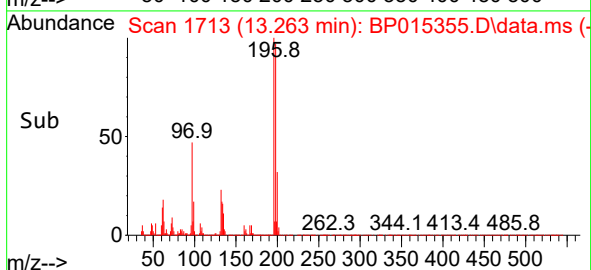
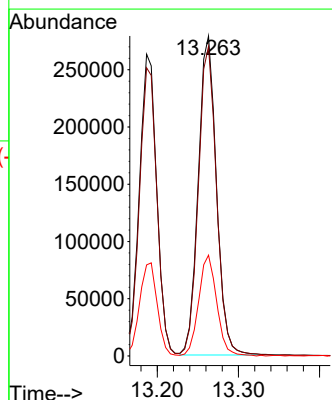
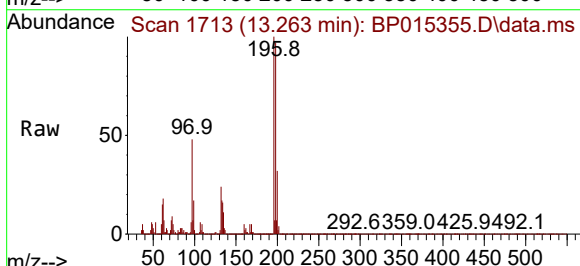
Tgt Ion:196 Resp: 435187

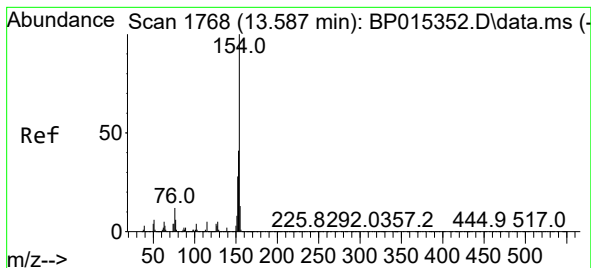
Ion Ratio Lower Upper

196 100

198 96.8 77.0 115.4

200 31.5 24.3 36.5





#43

1,1'-Biphenyl

Concen: 36.310 ng/ul

RT: 13.587 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

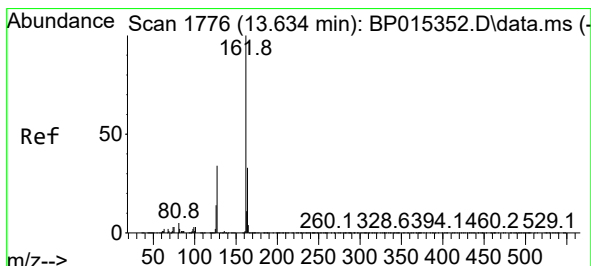
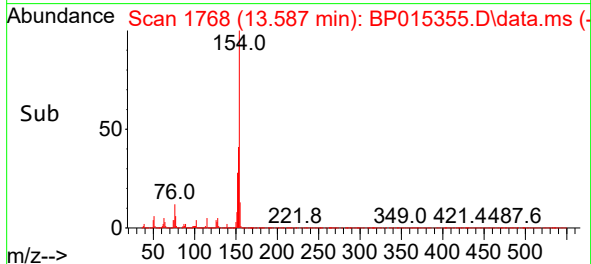
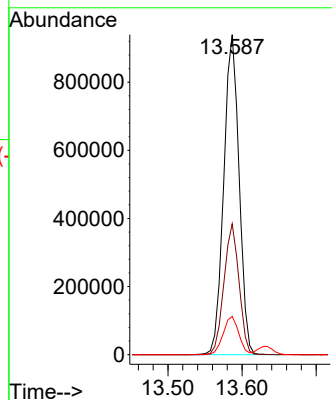
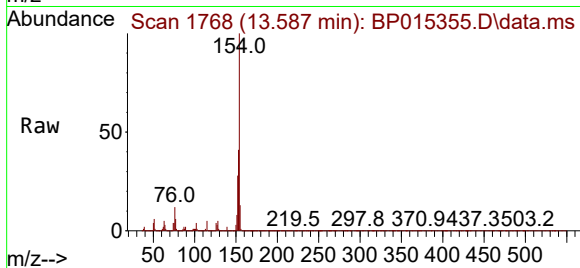
Tgt Ion:154 Resp: 1350622

Ion Ratio Lower Upper

154 100

153 40.9 32.7 49.1

76 12.0 10.7 16.1



#44

2-Chloronaphthalene

Concen: 36.953 ng/ul

RT: 13.634 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

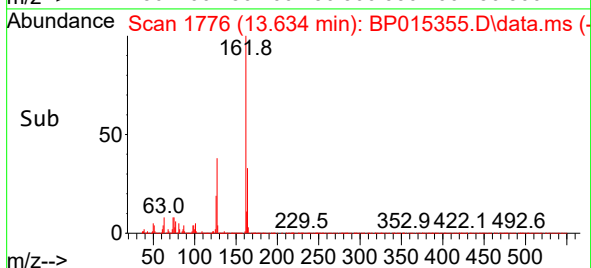
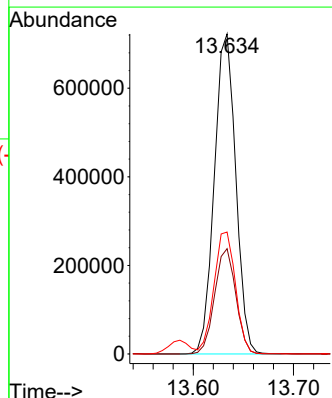
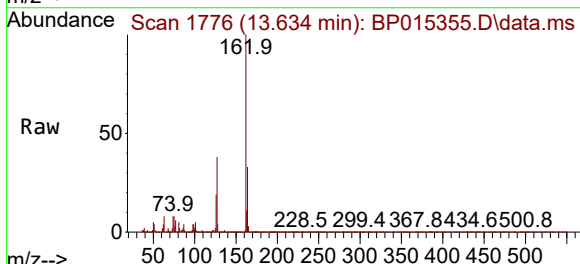
Tgt Ion:162 Resp: 1073450

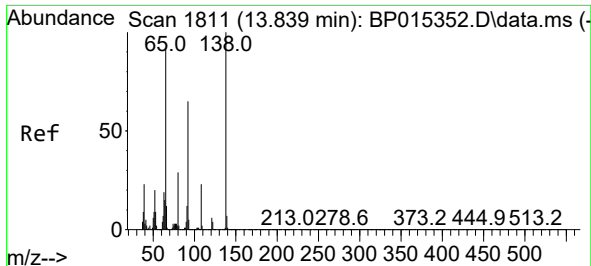
Ion Ratio Lower Upper

162 100

164 32.9 25.9 38.9

127 38.1 30.8 46.2

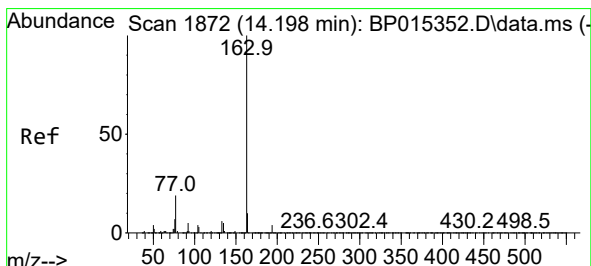
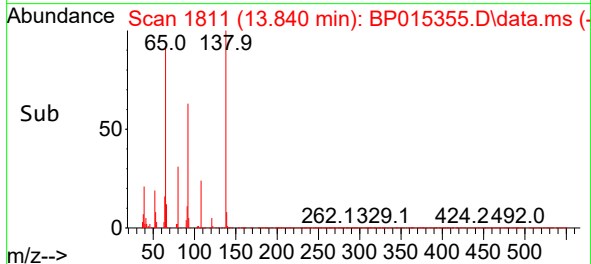
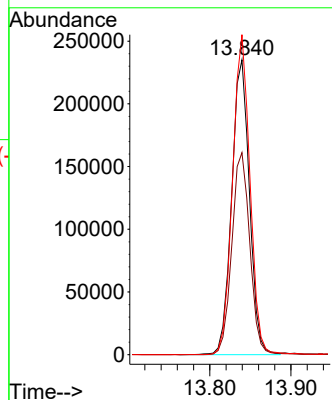
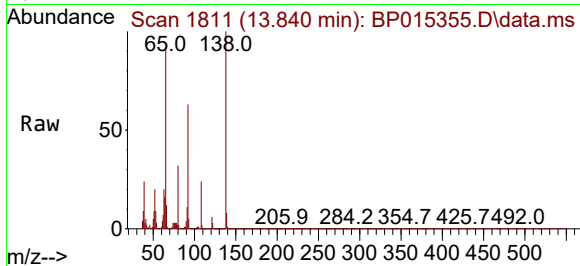




#45
2-Nitroaniline
Concen: 42.905 ng/ul
RT: 13.840 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

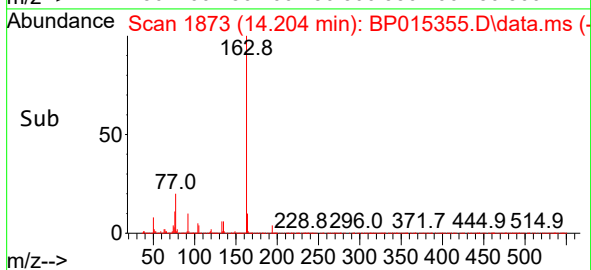
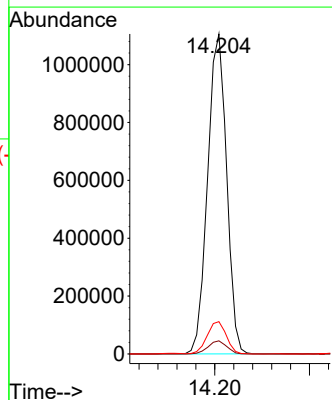
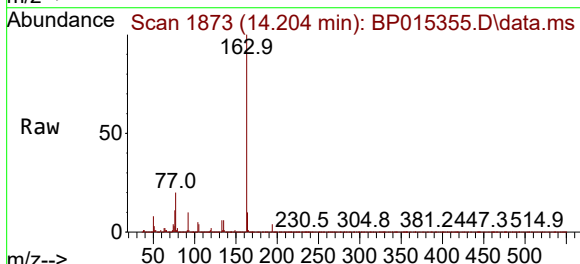
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

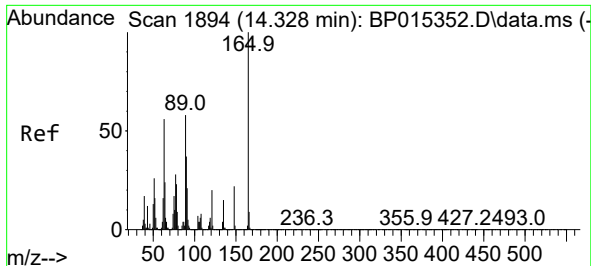
Tgt Ion: 65 Resp: 356607
Ion Ratio Lower Upper
65 100
92 68.5 59.8 89.8
138 108.5 92.3 138.5



#47
Dimethylphthalate
Concen: 40.690 ng/ul
RT: 14.204 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:163 Resp: 1535186
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.4

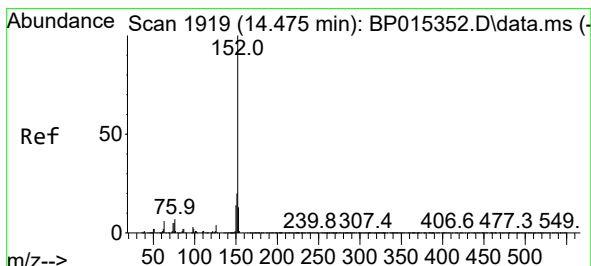
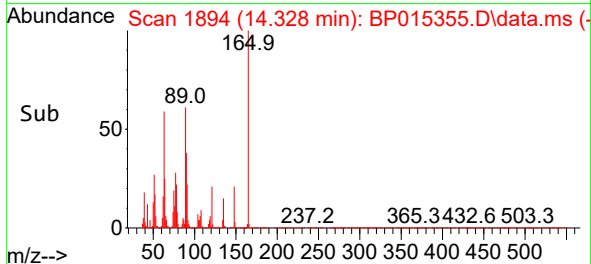
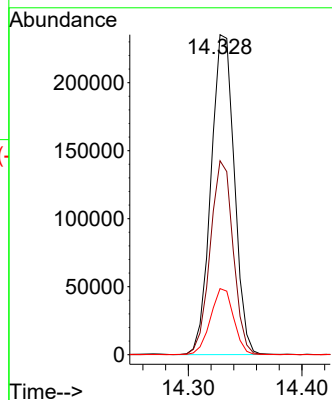
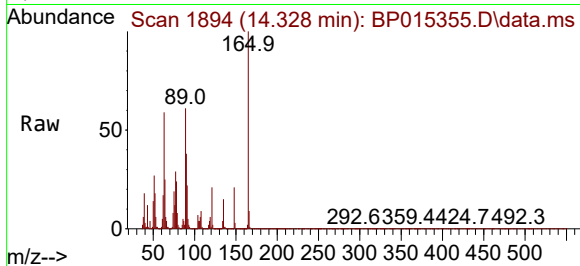




#48
2,6-Dinitrotoluene
Concen: 44.954 ng/ul
RT: 14.328 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

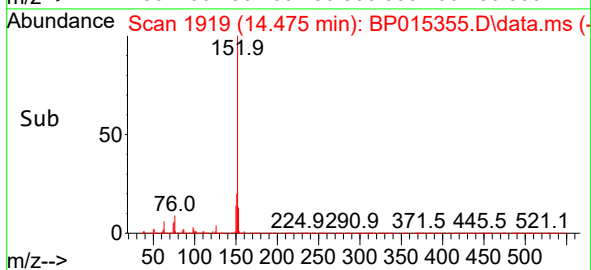
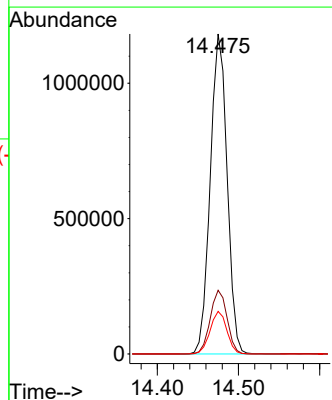
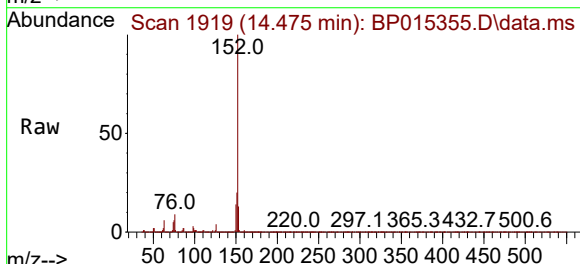
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

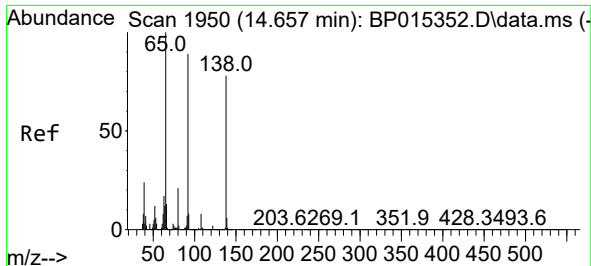
Tgt Ion:165 Resp: 336013
Ion Ratio Lower Upper
165 100
89 60.6 48.0 72.0
121 20.7 17.5 26.3



#50
Acenaphthylene
Concen: 36.833 ng/ul
RT: 14.475 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:152 Resp: 1702799
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.3 15.5

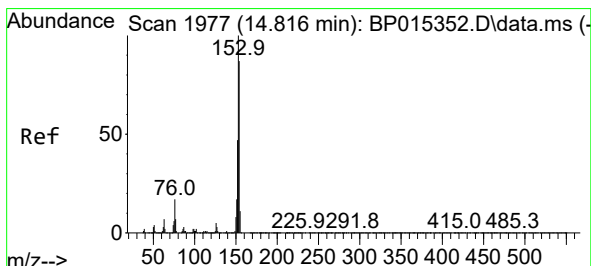
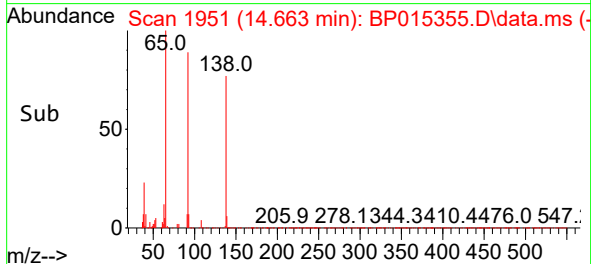
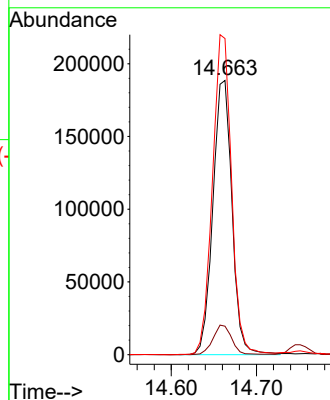
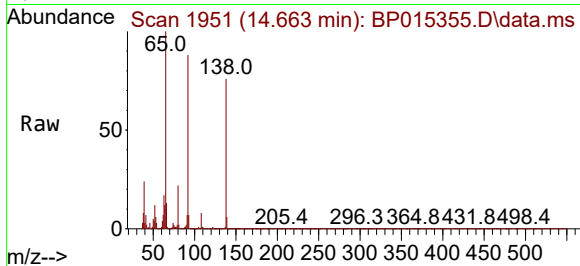




#51
3-Nitroaniline
Concen: 43.666 ng/ul
RT: 14.663 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

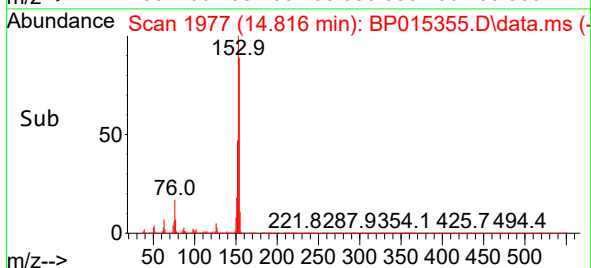
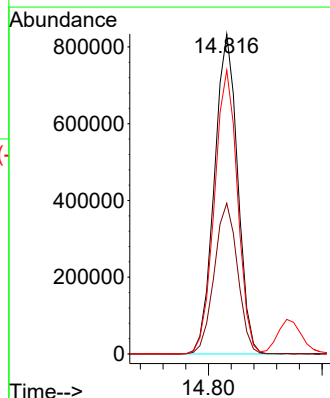
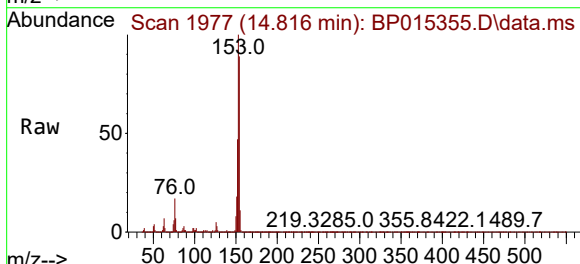
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

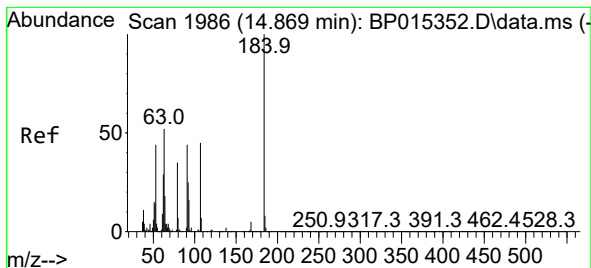
Tgt Ion:138 Resp: 293899
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 115.3 93.4 140.0



#52
Acenaphthene
Concen: 37.518 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:153 Resp: 1184637
Ion Ratio Lower Upper
153 100
152 47.1 38.0 57.0
154 88.7 71.0 106.4

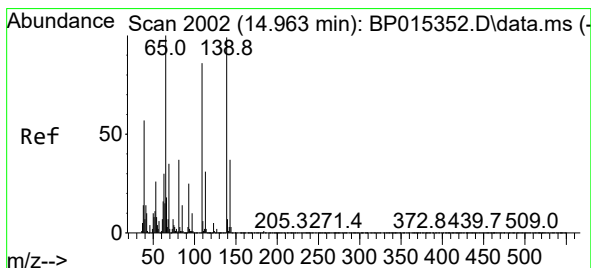
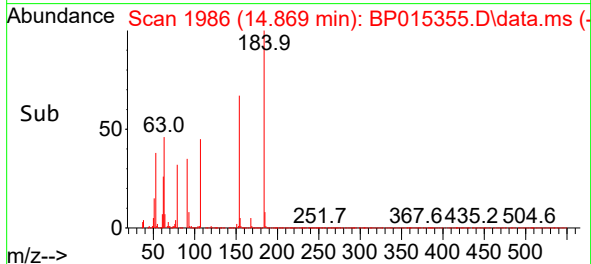
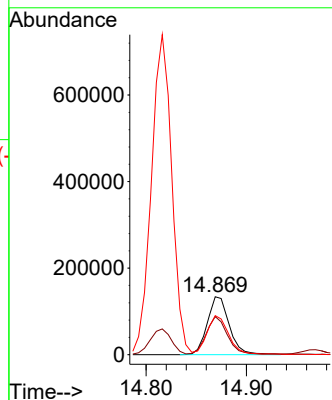
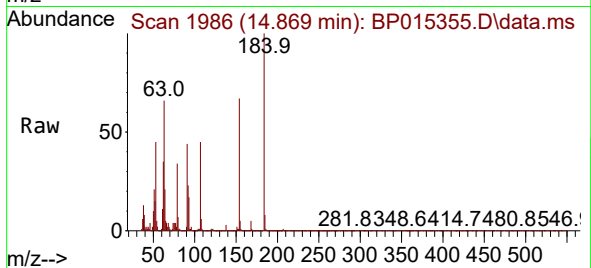




#53
2,4-Dinitrophenol
Concen: 41.114 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

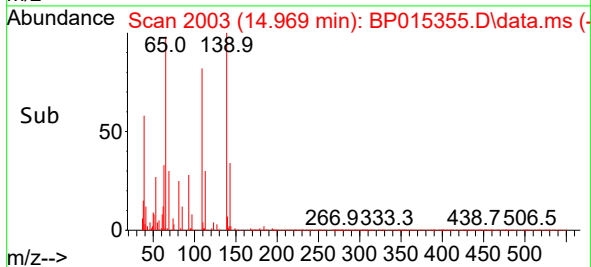
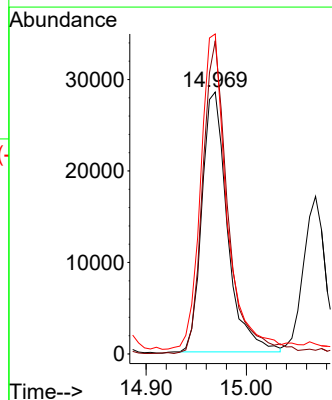
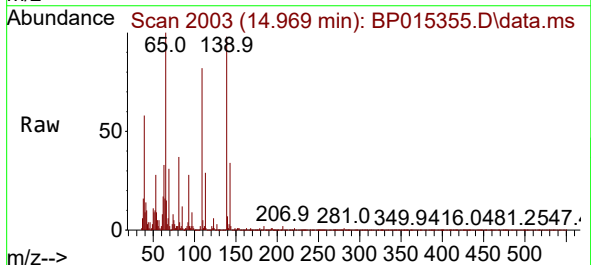
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

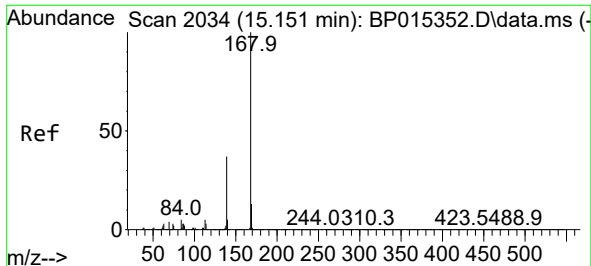
Tgt Ion:184 Resp: 204045
Ion Ratio Lower Upper
184 100
63 65.7 49.7 74.5
154 67.4 47.5 71.3



#55
4-Nitrophenol
Concen: 9.738 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:109 Resp: 50383
Ion Ratio Lower Upper
109 100
139 119.5 115.3 172.9
65 122.2 107.9 161.9

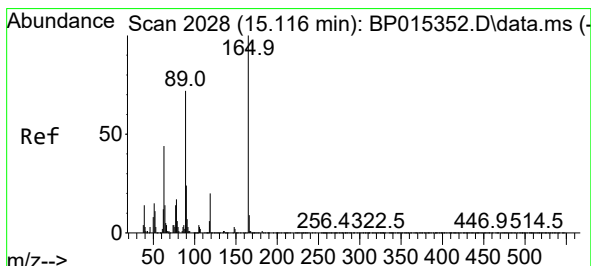
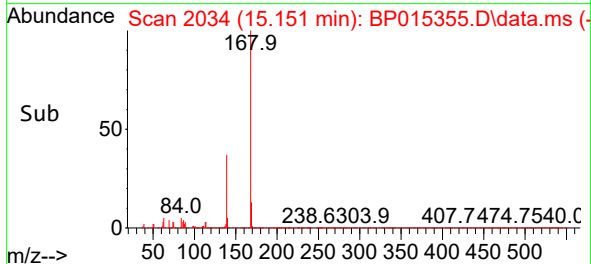
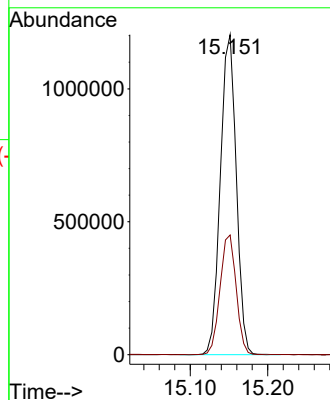
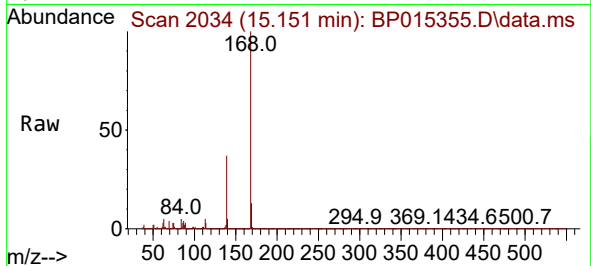




#56
Dibenzofuran
Concen: 39.092 ng/ul
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

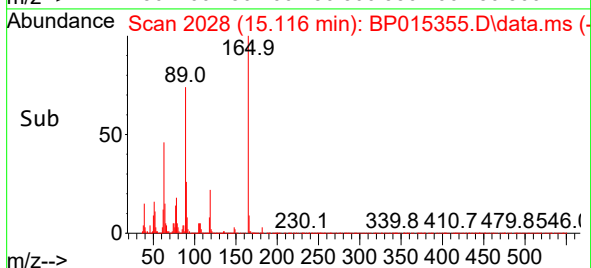
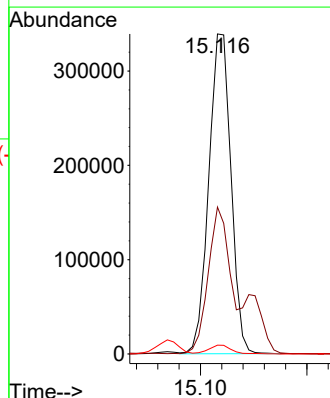
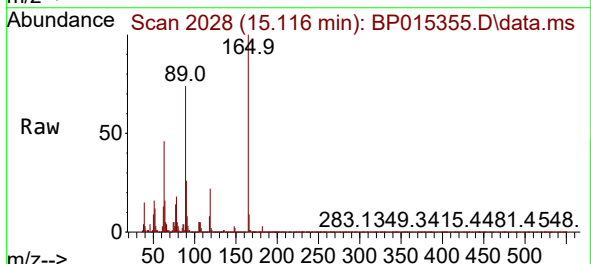
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

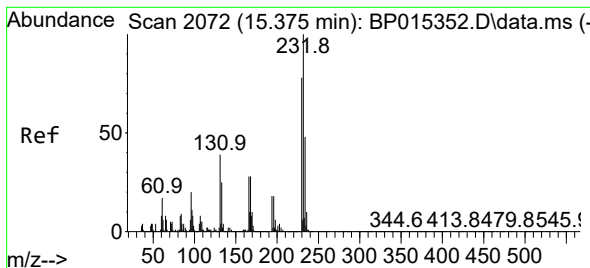
Tgt Ion:168 Resp: 1716834
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0



#57
2,4-Dinitrotoluene
Concen: 45.305 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:165 Resp: 490014
Ion Ratio Lower Upper
165 100
63 45.9 33.1 49.7
182 2.7 2.1 3.1

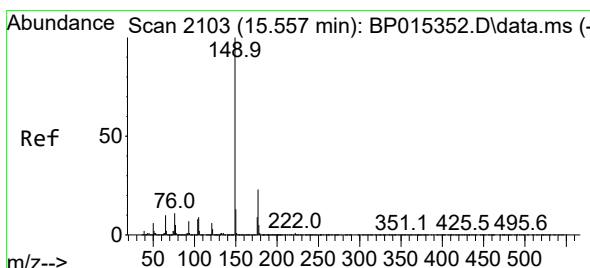
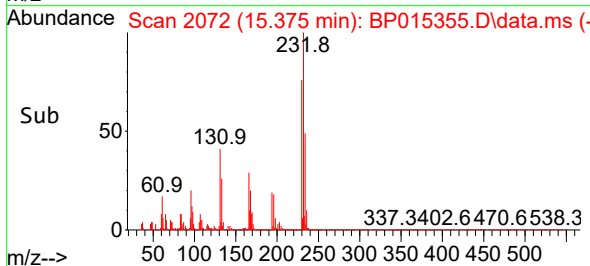
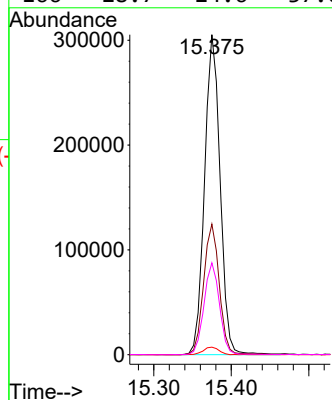
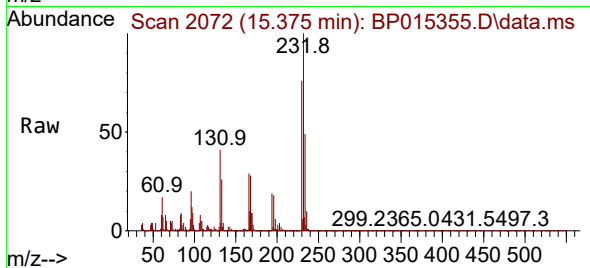




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.056 ng/ul
RT: 15.375 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

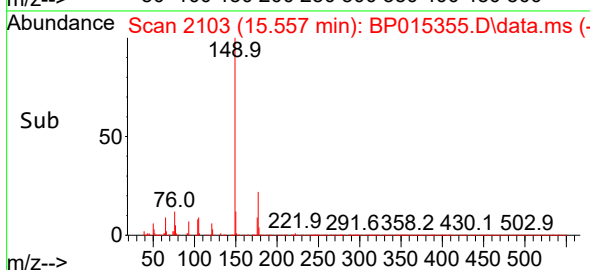
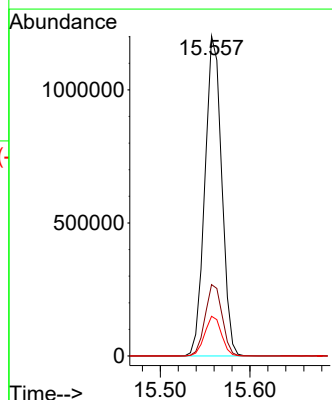
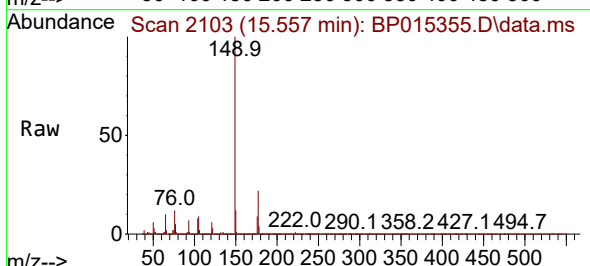
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

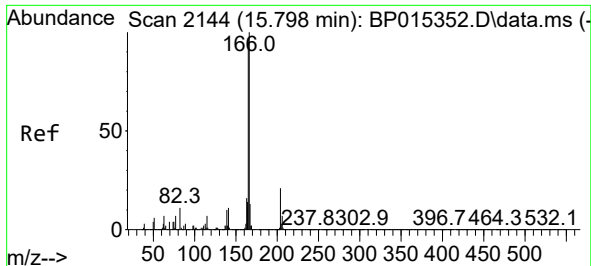
Tgt Ion:	232	Resp:	426699
Ion	Ratio	Lower	Upper
232	100		
131	40.8	36.8	55.2
130	2.3	1.9	2.9
166	28.7	24.6	37.0



#59
Diethylphthalate
Concen: 41.559 ng/ul
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:	149	Resp:	1563868
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.5	26.3
150	12.4	9.8	14.8

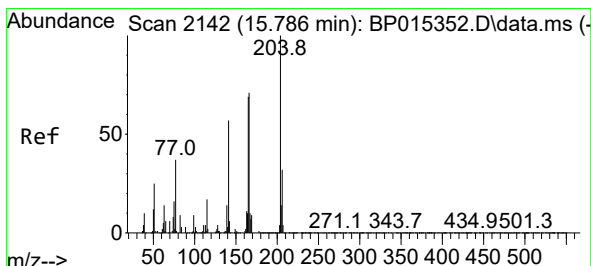
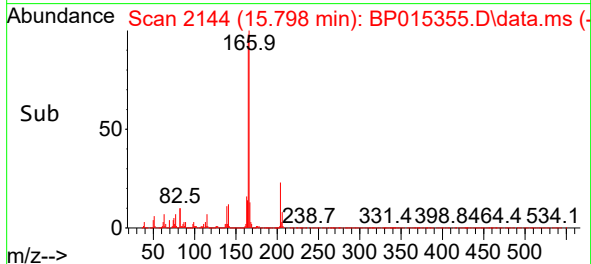
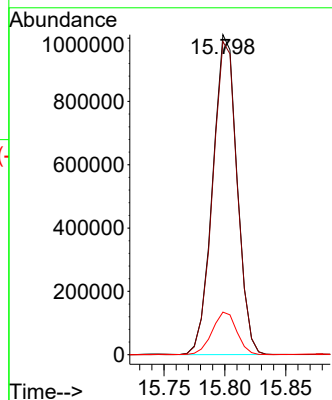
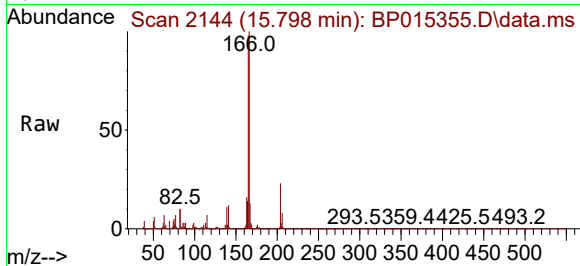




#61
Fluorene
Concen: 39.848 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

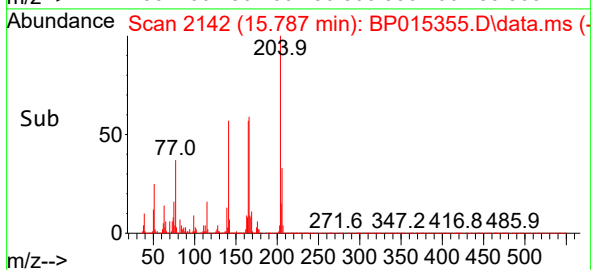
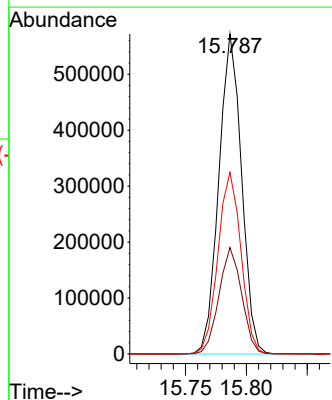
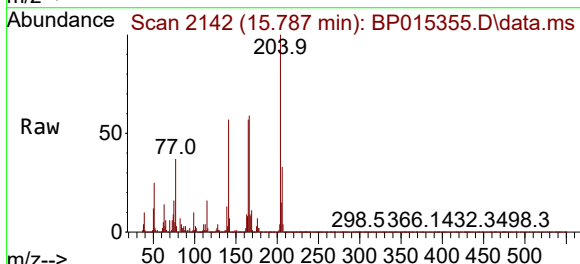
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

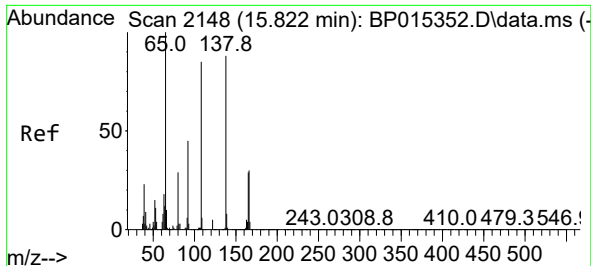
Tgt Ion:166 Resp: 1406386
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.6
167 13.3 10.6 15.8



#62
4-Chlorophenyl-phenylether
Concen: 43.033 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:204 Resp: 742097
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 56.8 44.5 66.7

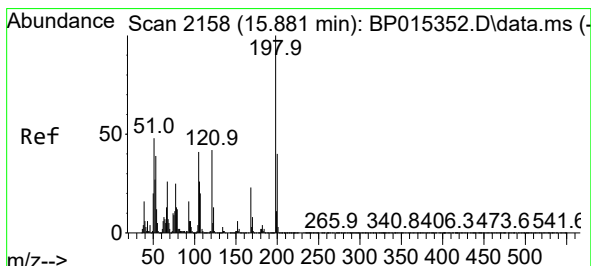
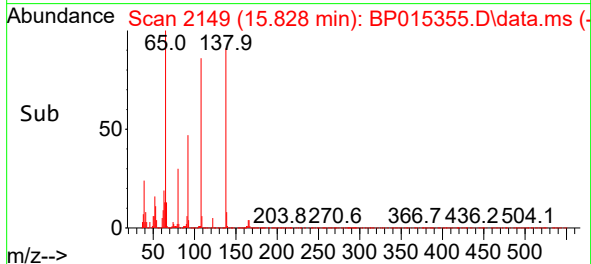
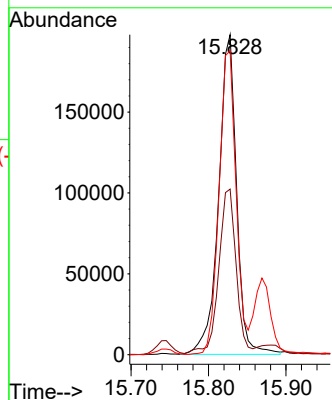
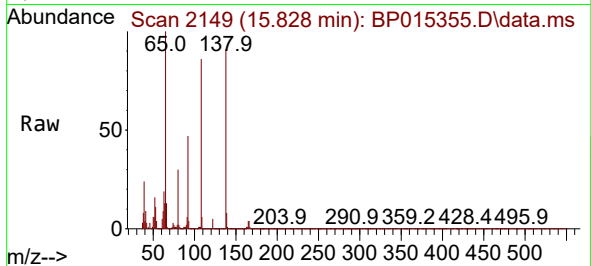




#63
4-Nitroaniline
Concen: 54.811 ng/ul
RT: 15.828 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

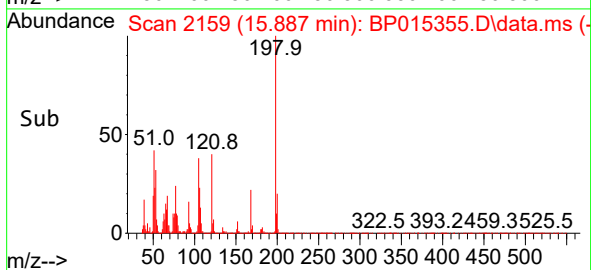
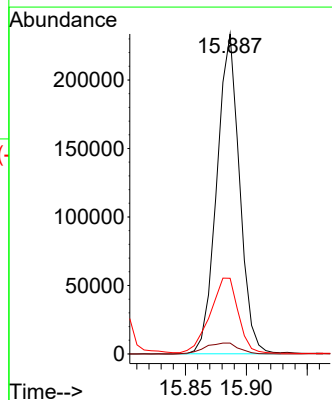
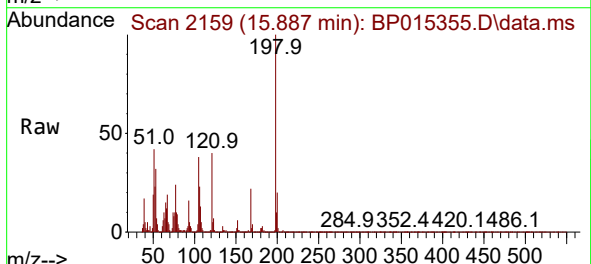
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

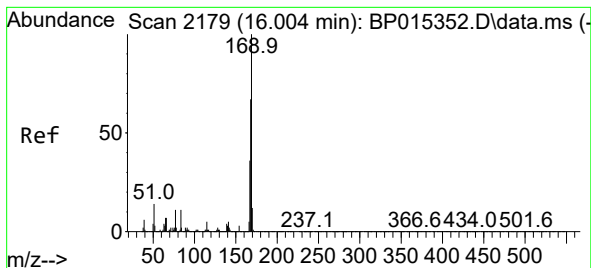
Tgt Ion:138 Resp: 318573
Ion Ratio Lower Upper
138 100
92 51.8 41.2 61.8
108 95.0 60.1 90.1#



#66
4,6-Dinitro-2-methylphenol
Concen: 40.335 ng/ul
RT: 15.887 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:198 Resp: 303176
Ion Ratio Lower Upper
198 100
182 3.4 3.7 5.5#
77 23.7 21.2 31.8





#67

N-Nitrosodiphenylamine

Concen: 35.208 ng/ul

RT: 16.004 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

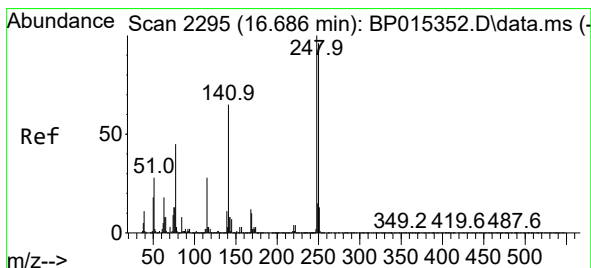
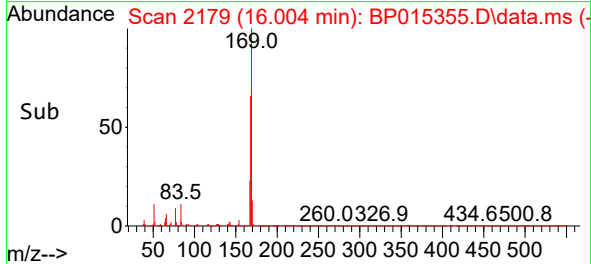
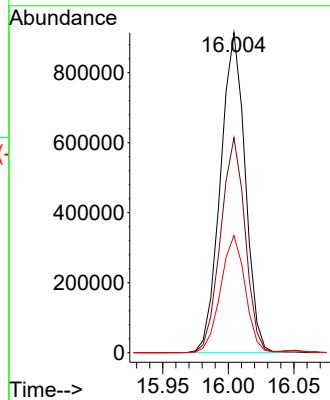
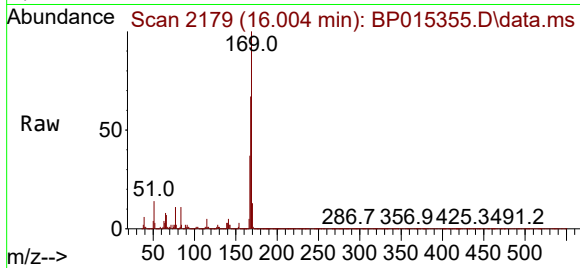
Tgt Ion:169 Resp: 1196413

Ion Ratio Lower Upper

169 100

168 67.2 53.5 80.3

167 36.6 28.9 43.3



#68

4-Bromophenyl-phenylether

Concen: 45.101 ng/ul

RT: 16.687 min Scan# 2295

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

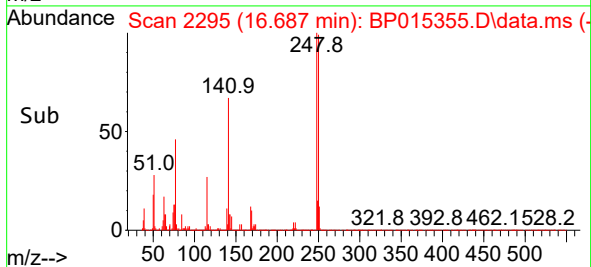
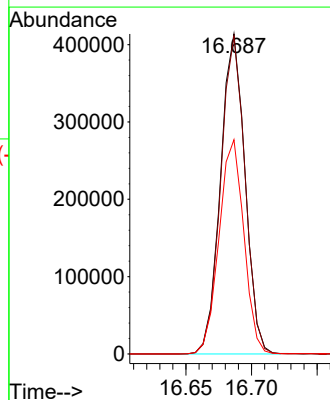
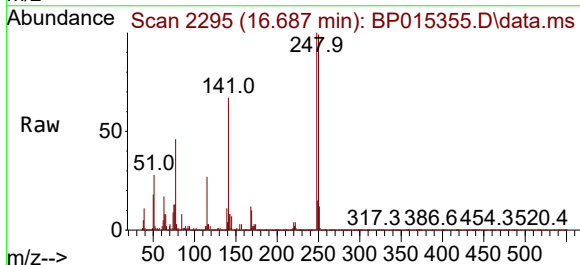
Tgt Ion:248 Resp: 536862

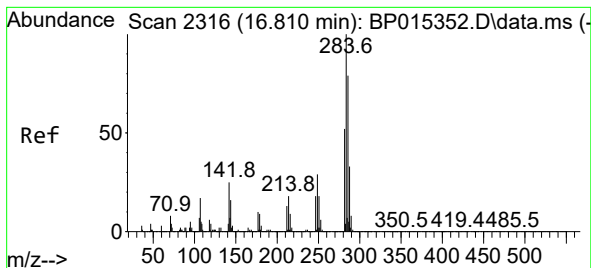
Ion Ratio Lower Upper

248 100

250 99.3 79.0 118.4

141 67.0 58.6 87.8





#69

Hexachlorobenzene

Concen: 47.184 ng/ul

RT: 16.810 min Scan# 2316

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

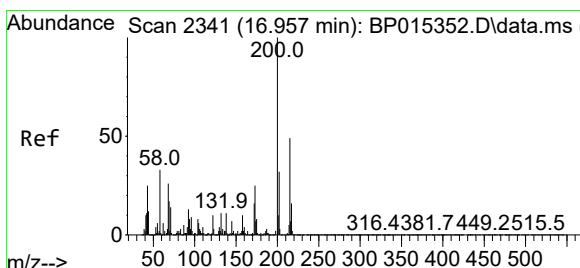
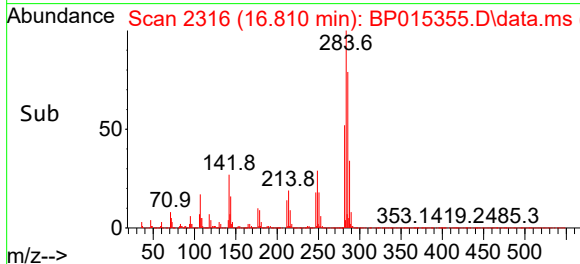
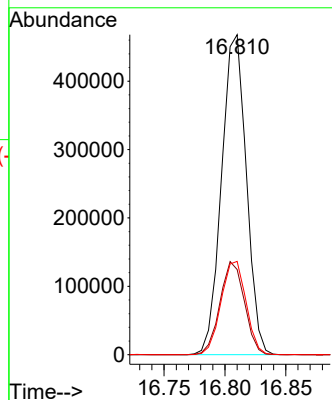
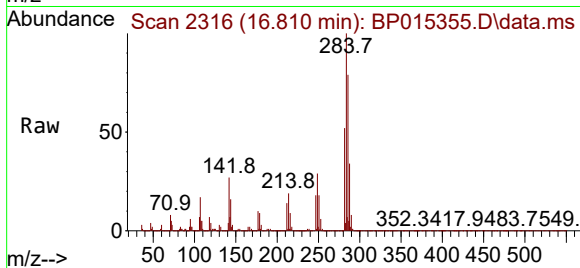
Tgt Ion:284 Resp: 663727

Ion Ratio Lower Upper

284 100

142 24.9 27.3 40.9#

249 29.3 24.6 36.8



#70

Atrazine

Concen: 42.379 ng/ul

RT: 16.957 min Scan# 2341

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

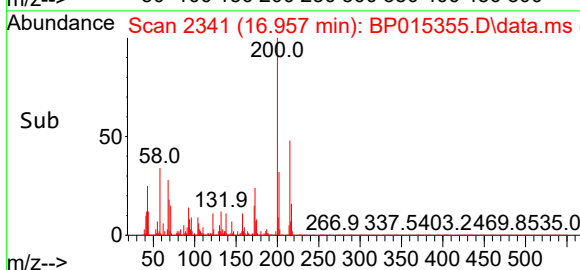
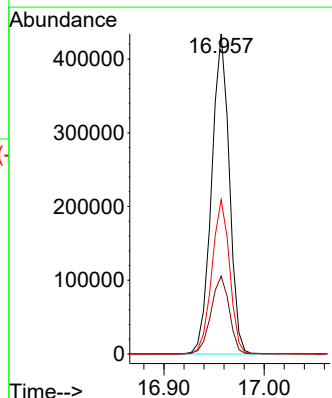
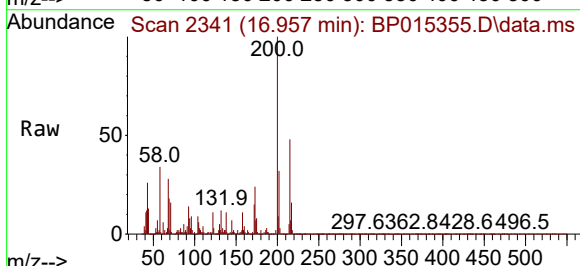
Tgt Ion:200 Resp: 532280

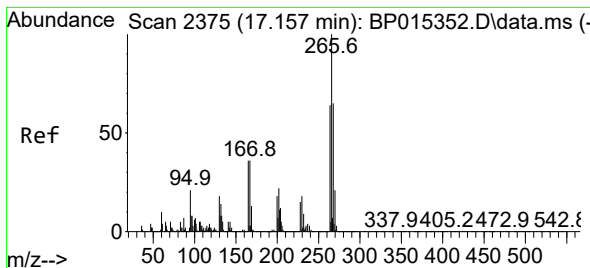
Ion Ratio Lower Upper

200 100

173 24.3 21.4 32.2

215 48.2 38.1 57.1





#71

Pentachlorophenol

Concen: 44.351 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

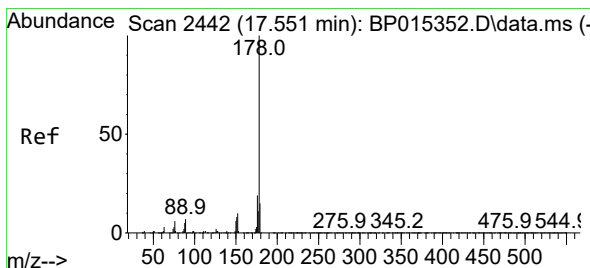
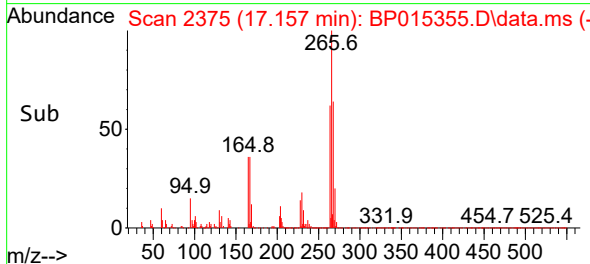
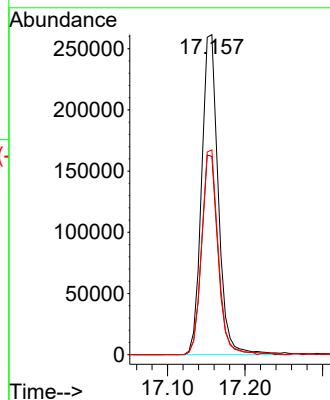
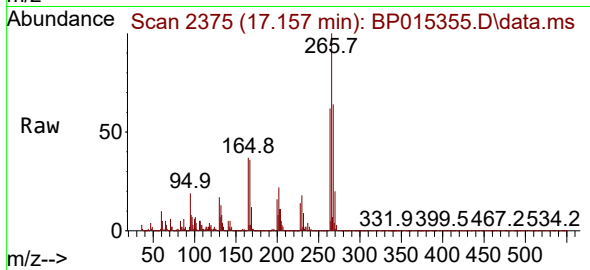
Tgt Ion:266 Resp: 390247

Ion Ratio Lower Upper

266 100

264 61.9 51.0 76.4

268 64.0 51.8 77.6



#72

Phenanthrene

Concen: 38.670 ng/ul

RT: 17.551 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

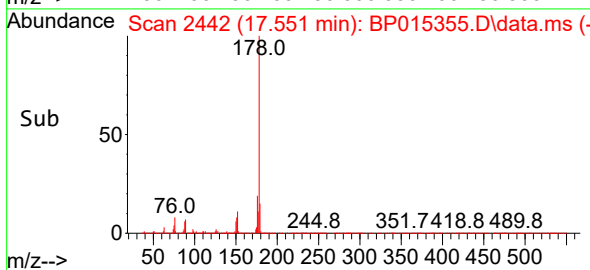
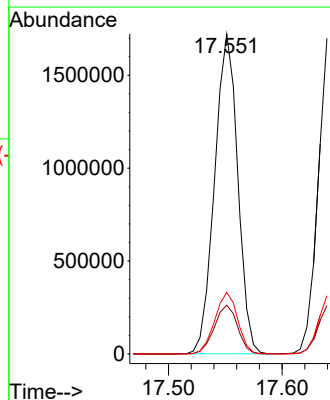
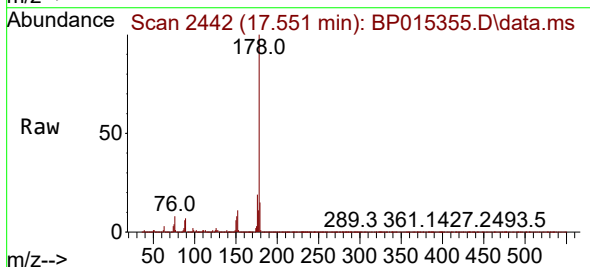
Tgt Ion:178 Resp: 2433517

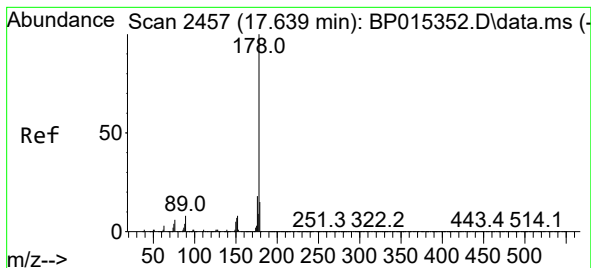
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.2 15.6 23.4





#74

Anthracene

Concen: 37.893 ng/u1

RT: 17.639 min Scan# 2457

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

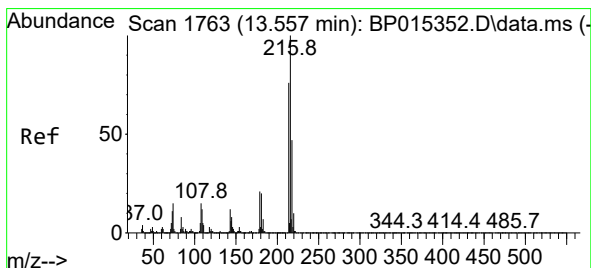
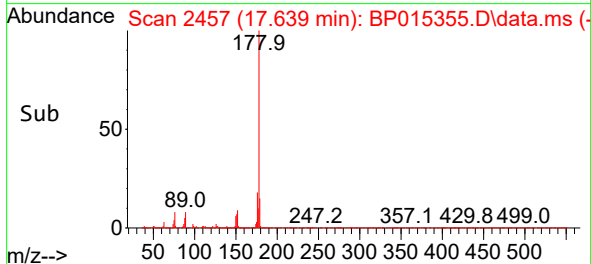
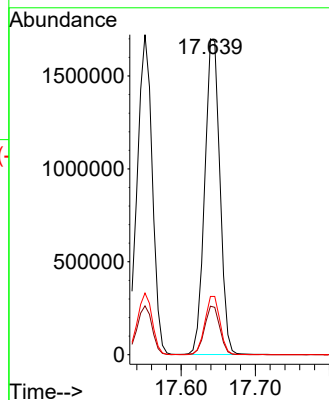
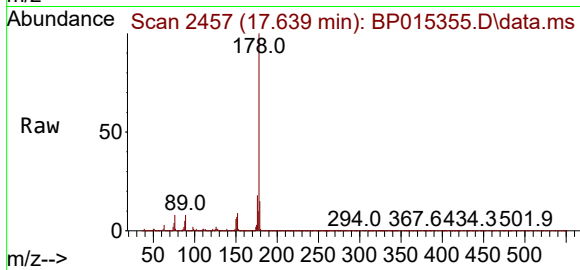
Tgt Ion:178 Resp: 2411327

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.4 15.2 22.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.170 ng/uL

RT: 13.557 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

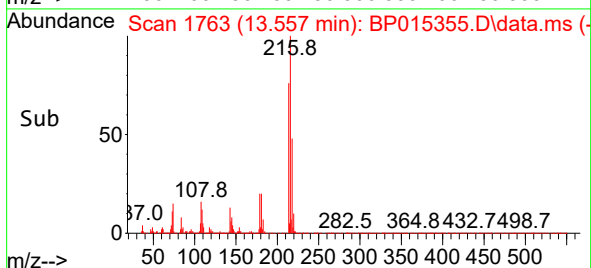
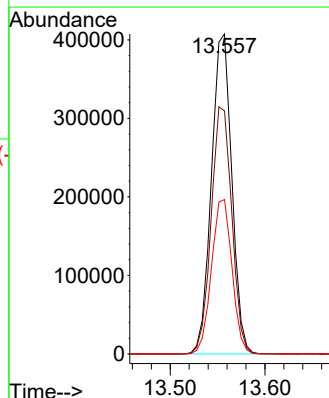
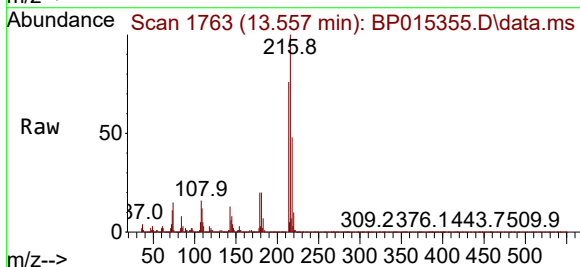
Tgt Ion:216 Resp: 609043

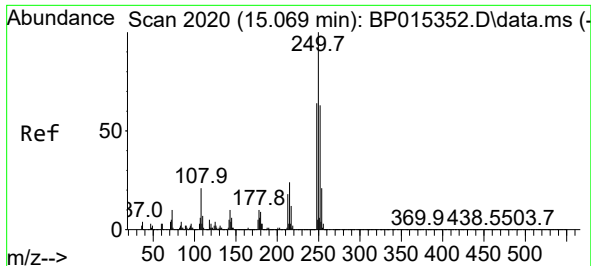
Ion Ratio Lower Upper

216 100

214 76.0 62.2 93.4

218 48.2 38.2 57.2

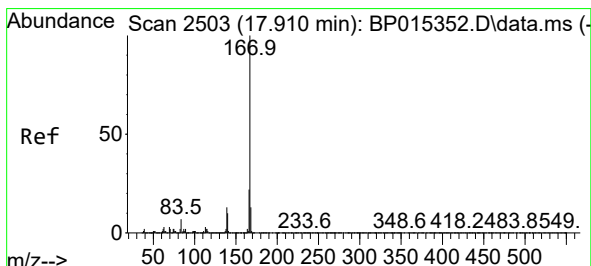
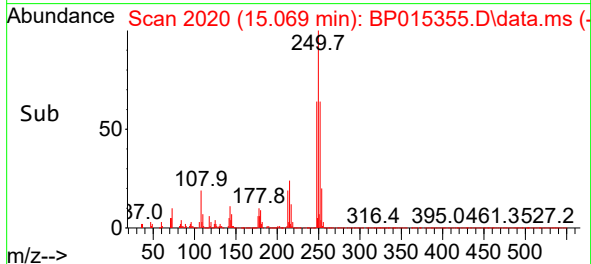
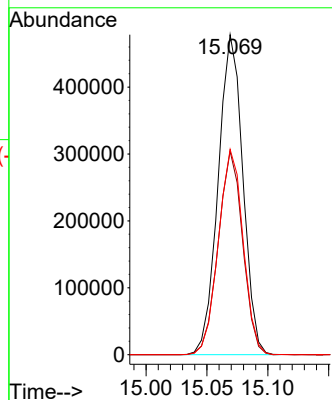
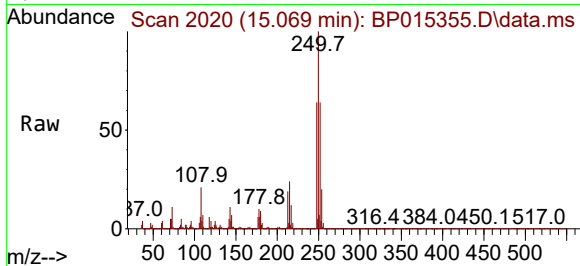




#76
 Pentachlorobenzene
 Concen: 41.069 ng/uL
 RT: 15.069 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: BP015355.D
 Acq: 31 May 2023 12:38

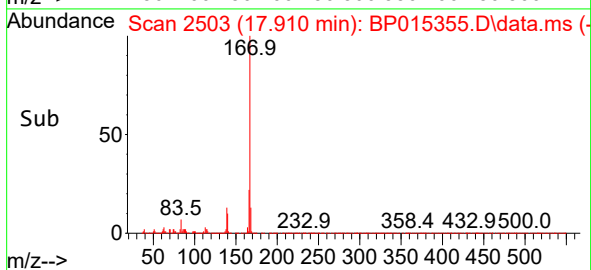
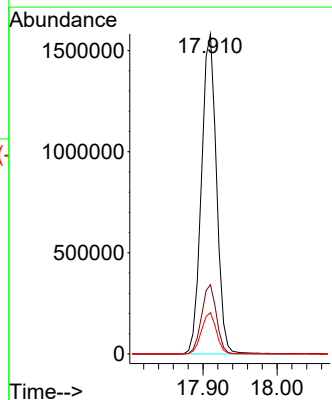
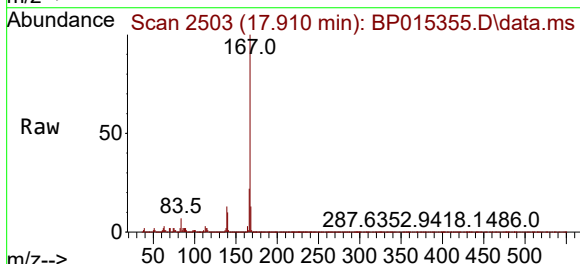
Instrument :
 BNA_P
 ClientSampleId :
 H0FQ2MS

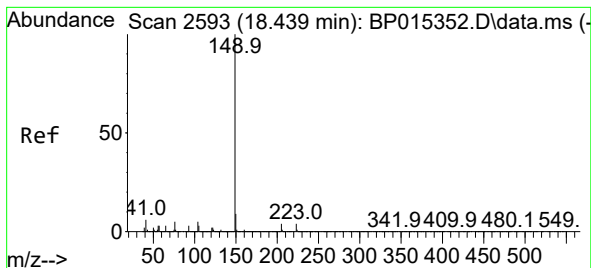
Tgt Ion:250 Resp: 675681
 Ion Ratio Lower Upper
 250 100
 248 59.6 49.8 74.6
 252 64.1 51.6 77.4



#77
 Carbazole
 Concen: 39.943 ng/uL
 RT: 17.910 min Scan# 2503
 Delta R.T. 0.000 min
 Lab File: BP015355.D
 Acq: 31 May 2023 12:38

Tgt Ion:167 Resp: 2228877
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 12.9 10.2 15.4





#78

Di-n-butylphthalate

Concen: 38.988 ng/ul

RT: 18.433 min Scan# 2593

Delta R.T. -0.006 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

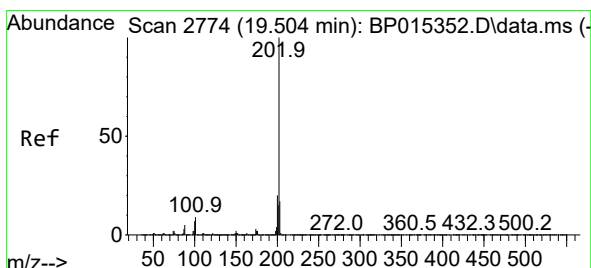
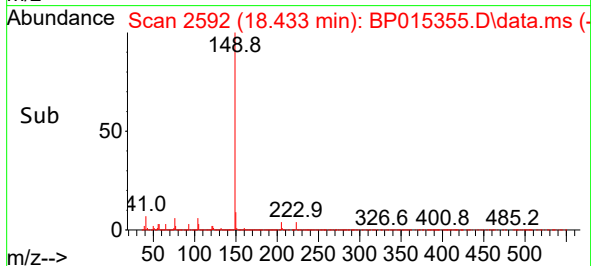
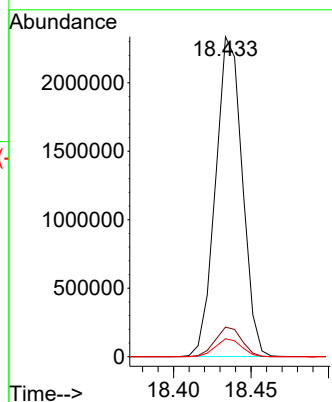
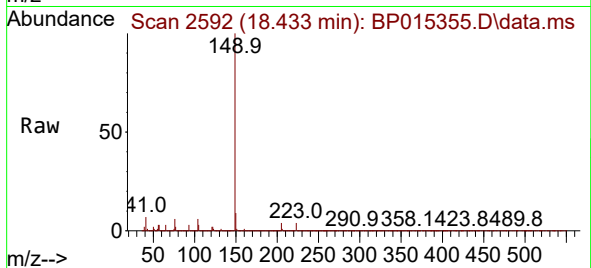
Tgt Ion:149 Resp: 2801695

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.6 3.9 5.9



#80

Fluoranthene

Concen: 36.009 ng/ul

RT: 19.504 min Scan# 2774

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

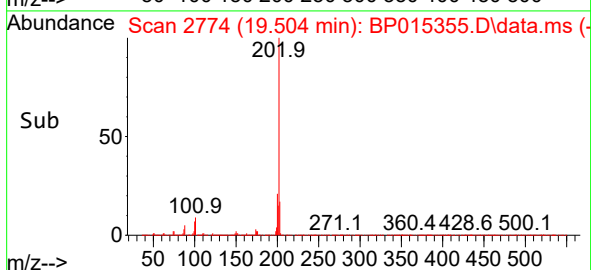
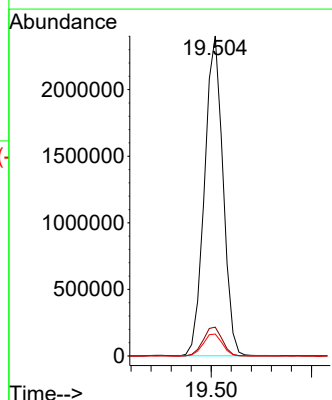
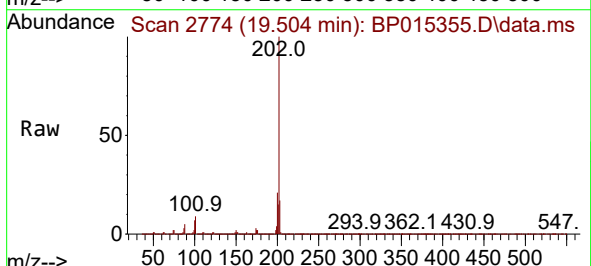
Tgt Ion:202 Resp: 3072562

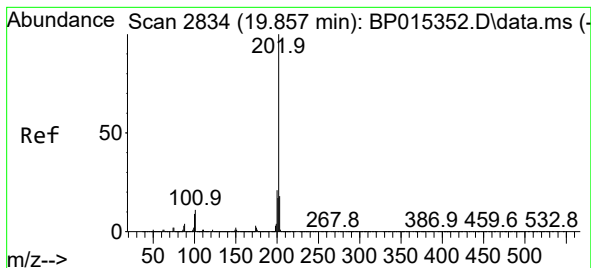
Ion Ratio Lower Upper

202 100

101 9.0 9.5 14.3#

100 6.9 7.3 10.9#





#82

Pyrene

Concen: 35.926 ng/ul

RT: 19.857 min Scan# 2834

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

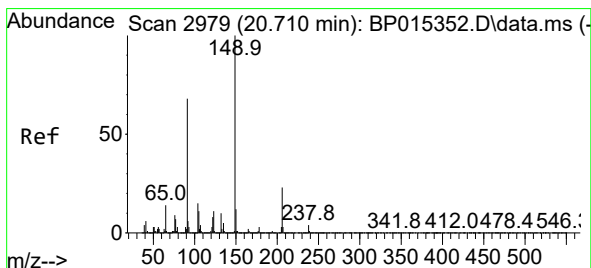
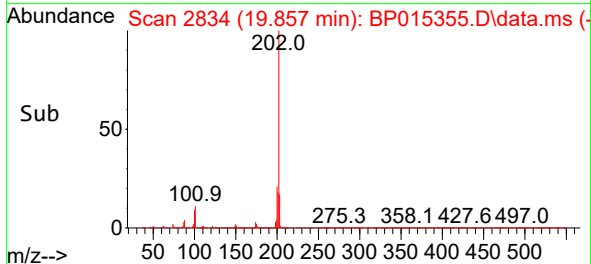
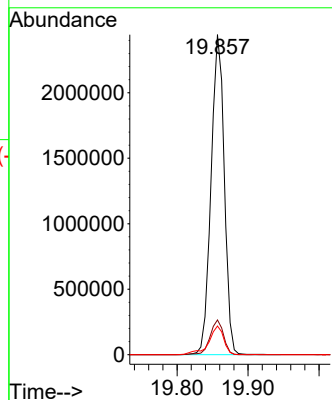
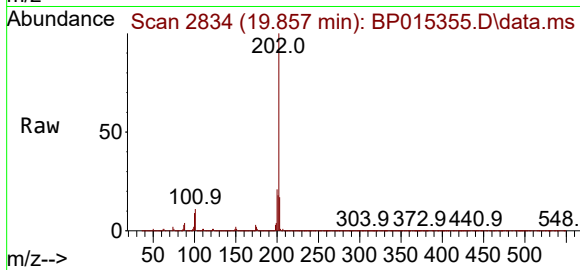
Tgt Ion:202 Resp: 3165588

Ion Ratio Lower Upper

202 100

101 10.8 11.2 16.8#

100 9.0 9.0 13.6#



#83

Butylbenzylphthalate

Concen: 35.032 ng/ul

RT: 20.710 min Scan# 2979

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

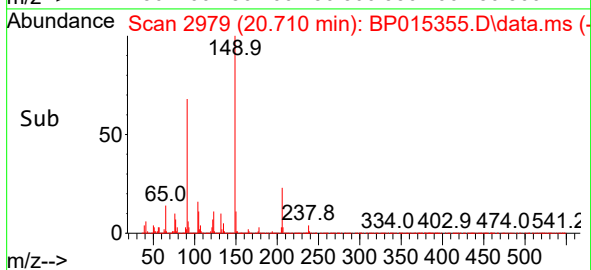
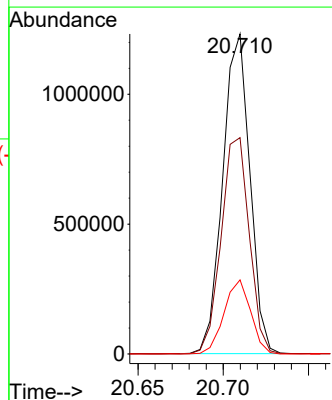
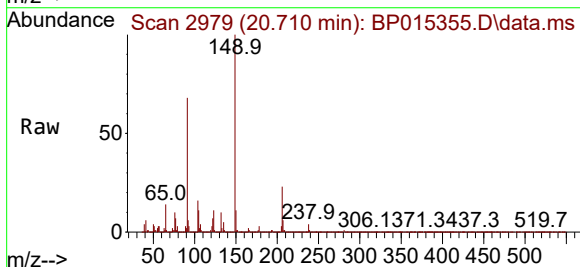
Tgt Ion:149 Resp: 1368462

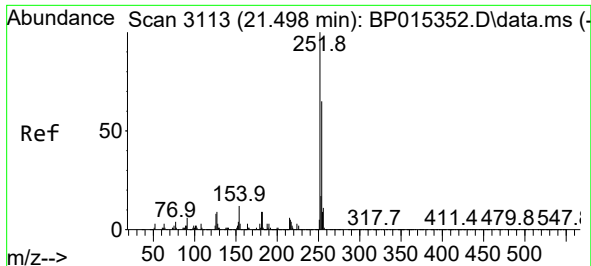
Ion Ratio Lower Upper

149 100

91 67.6 57.4 86.2

206 23.2 16.6 25.0

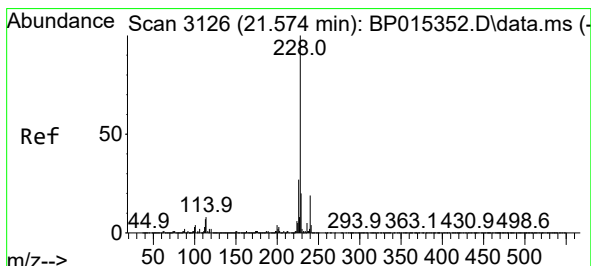
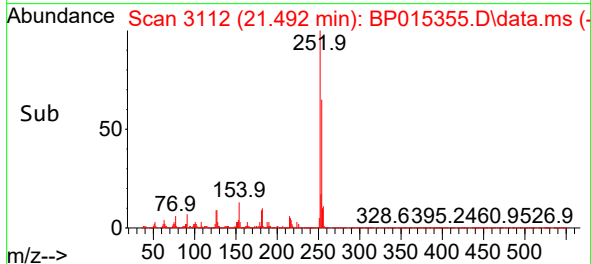
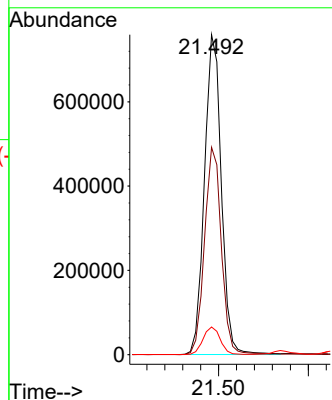
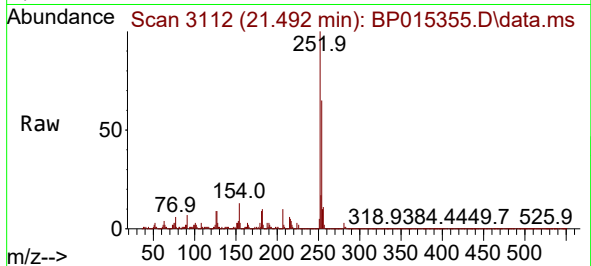




#84
3,3'-Dichlorobenzidine
Concen: 37.344 ng/ul
RT: 21.492 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

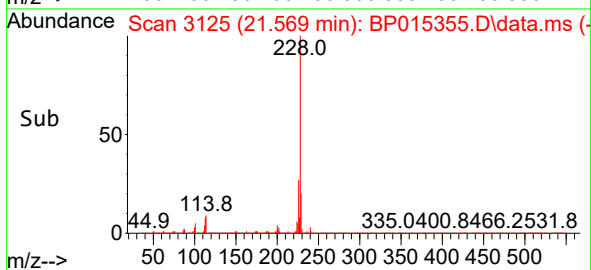
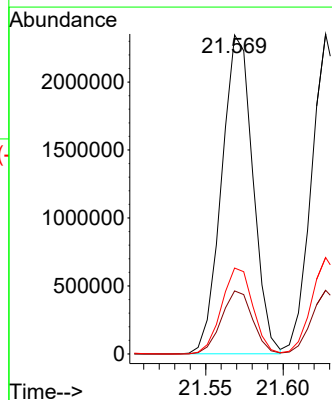
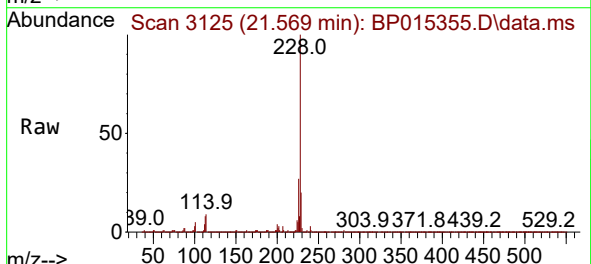
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

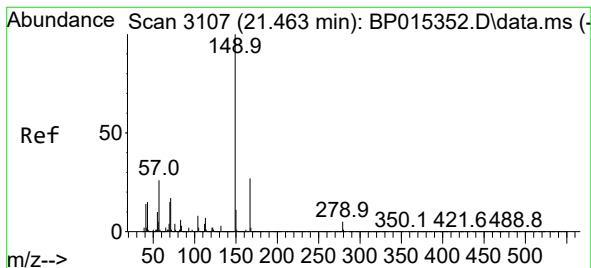
Tgt Ion:252 Resp: 989980
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 8.7 9.8 14.8#



#85
Benzo(a)anthracene
Concen: 39.407 ng/ul
RT: 21.569 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:228 Resp: 3288961
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.0 21.9 32.9

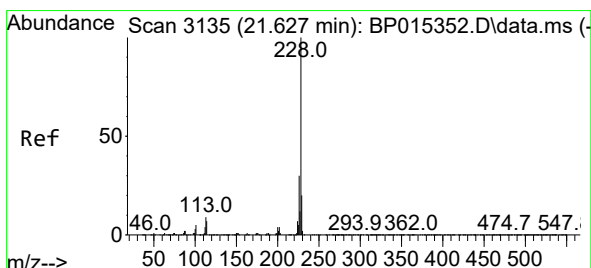
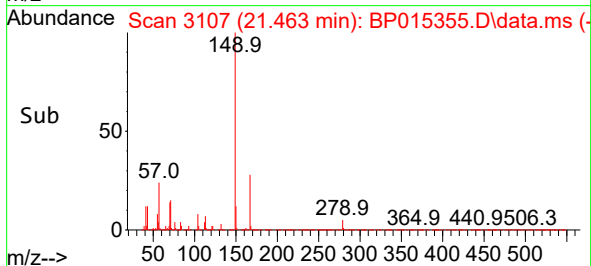
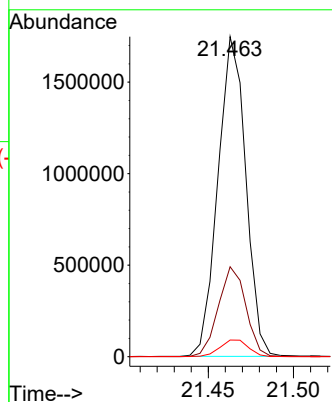
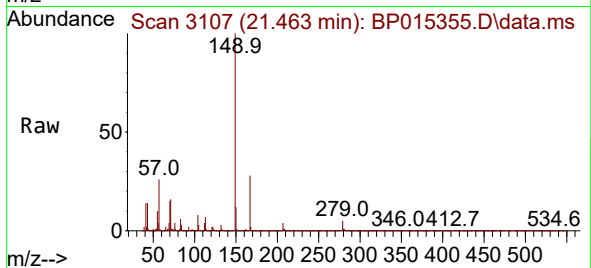




#86
Bis(2-ethylhexyl)phthalate
Concen: 35.302 ng/ul
RT: 21.463 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

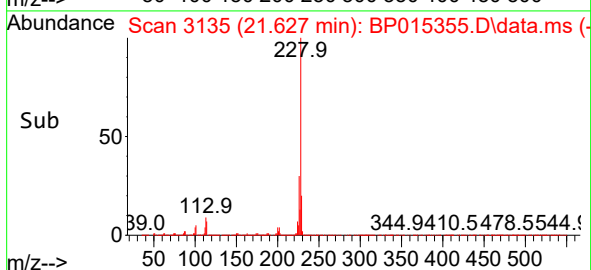
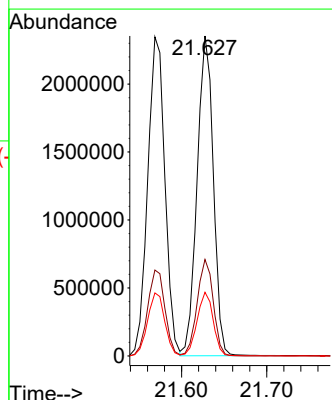
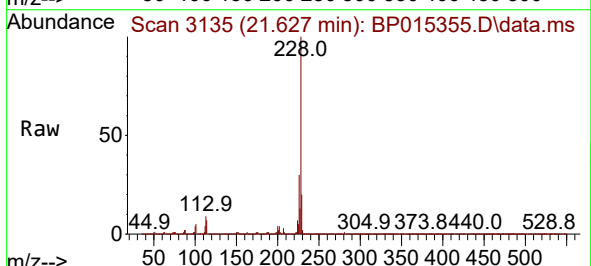
Instrument :
BNA_P
ClientSampleId :
H0FQ2MS

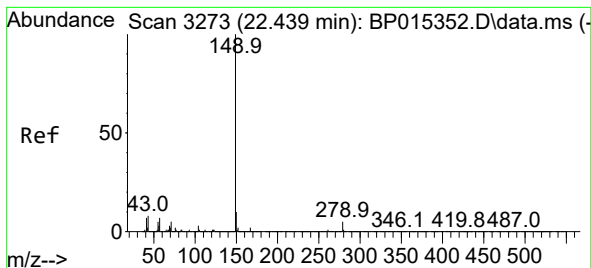
Tgt Ion:149 Resp: 1985360
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.6
279 5.2 3.2 4.8#



#87
Chrysene
Concen: 38.997 ng/ul
RT: 21.627 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP015355.D
Acq: 31 May 2023 12:38

Tgt Ion:228 Resp: 3111311
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 19.9 16.1 24.1





#89

Di-n-octyl phthalate

Concen: 36.200 ng/ul

RT: 22.439 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

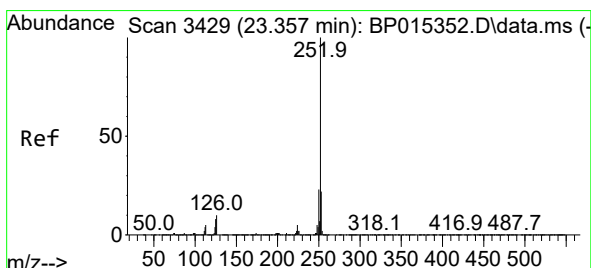
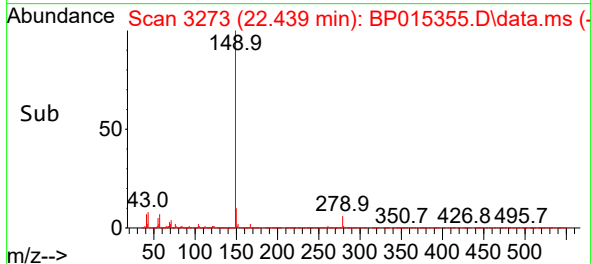
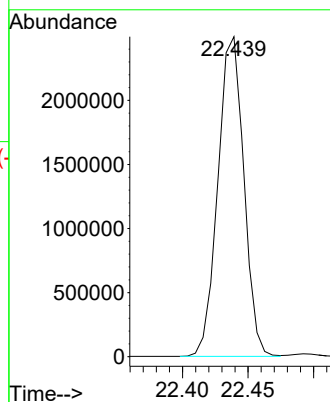
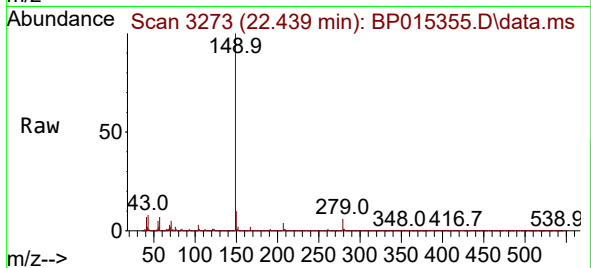
Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

Tgt Ion:149 Resp: 3428922



#90

Benzo(b)fluoranthene

Concen: 41.368 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

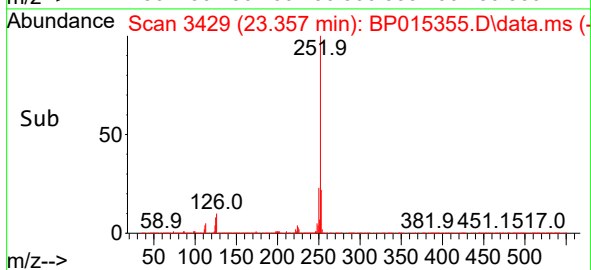
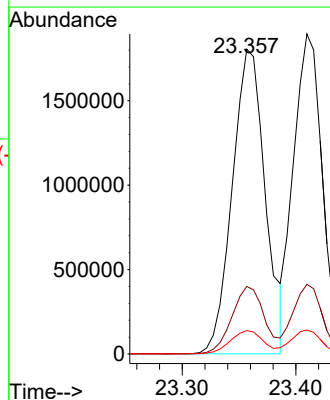
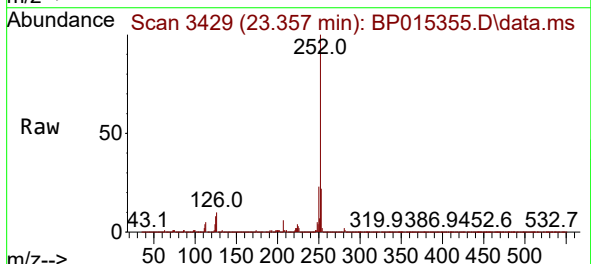
Tgt Ion:252 Resp: 3627089

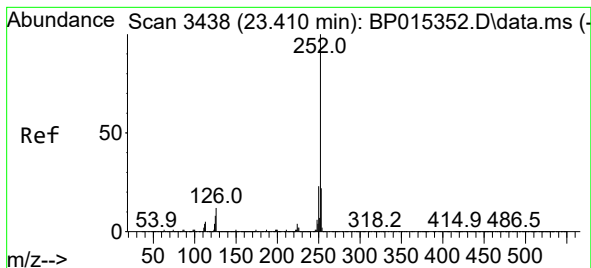
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 7.7 8.3 12.5#





#91

Benzo(k)fluoranthene

Concen: 39.550 ng/ul

RT: 23.410 min Scan# 3438

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

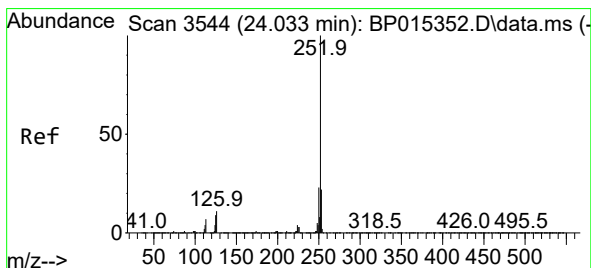
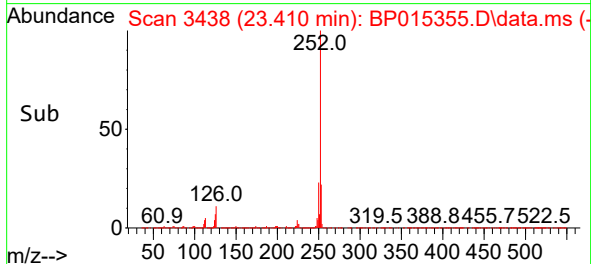
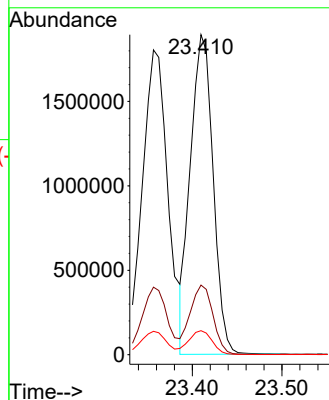
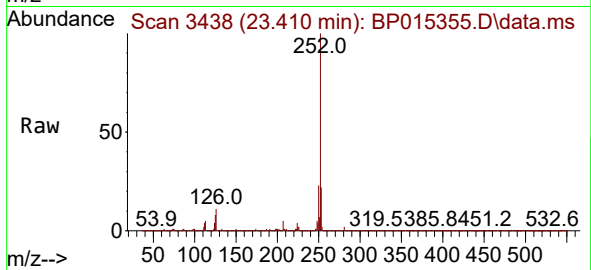
Tgt Ion:252 Resp: 3329760

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.5 8.5 12.7#



#93

Benzo(a)pyrene

Concen: 38.665 ng/ul

RT: 24.033 min Scan# 3544

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

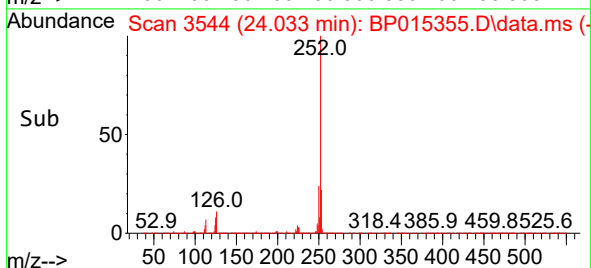
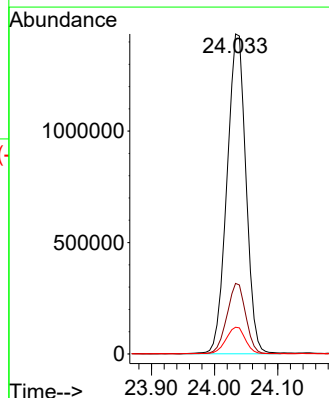
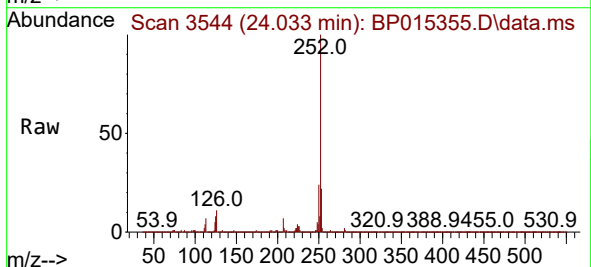
Tgt Ion:252 Resp: 2996476

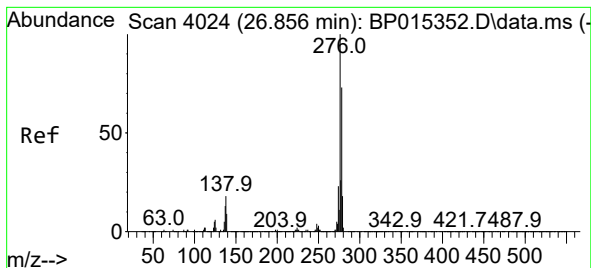
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.4 9.1 13.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 36.826 ng/ul

RT: 26.862 min Scan# 4025

Delta R.T. 0.006 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS

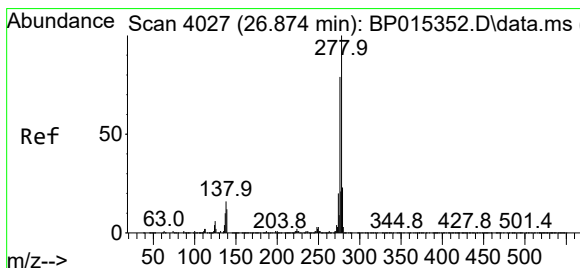
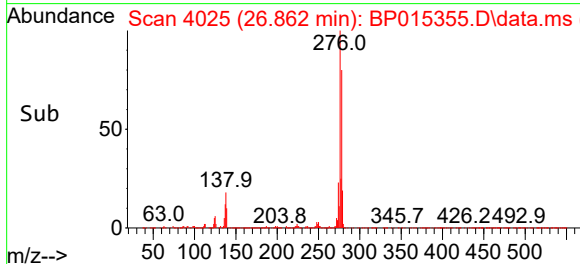
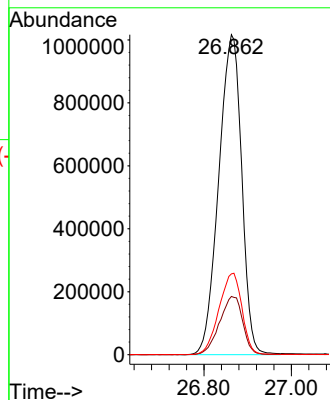
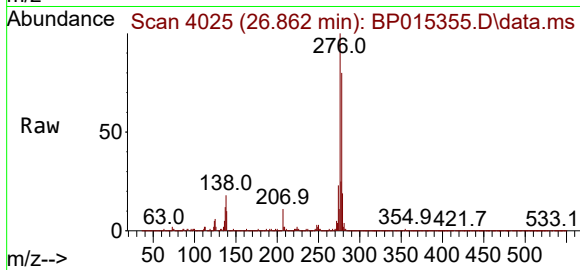
Tgt Ion:276 Resp: 3695384

Ion Ratio Lower Upper

276 100

138 18.2 20.1 30.1#

277 25.2 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 37.373 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. 0.000 min

Lab File: BP015355.D

Acq: 31 May 2023 12:38

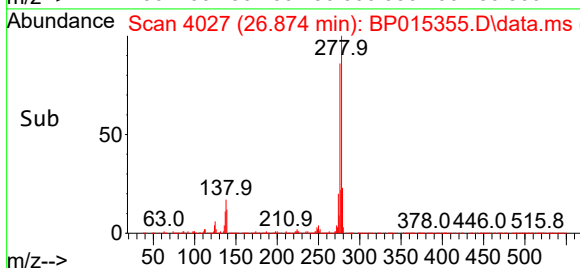
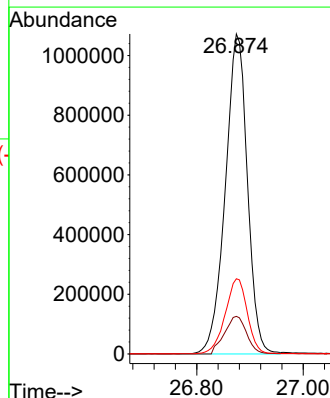
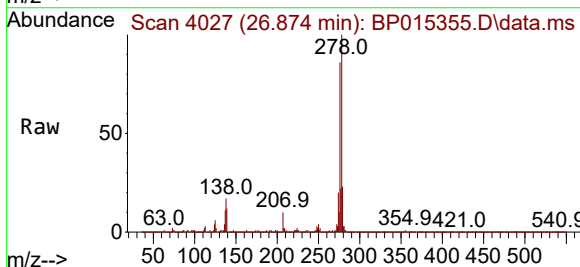
Tgt Ion:278 Resp: 3078546

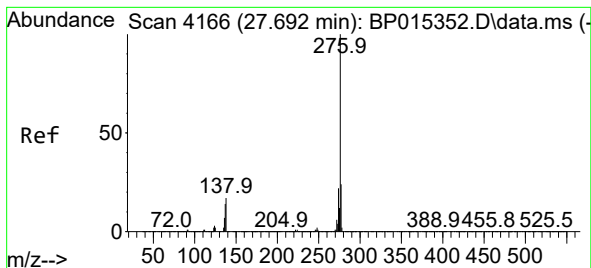
Ion Ratio Lower Upper

278 100

139 11.8 13.3 19.9#

279 23.5 19.1 28.7





#96

Benzo(g,h,i)perylene

Concen: 35.828 ng/ul

RT: 27.698 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP015355.D

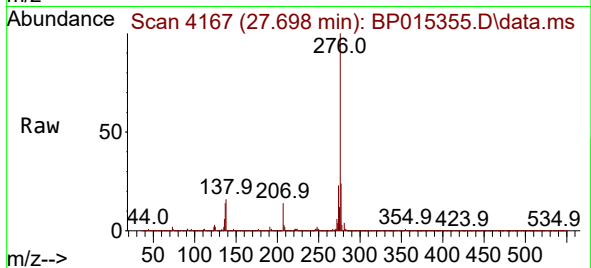
Acq: 31 May 2023 12:38

Instrument :

BNA_P

ClientSampleId :

H0FQ2MS



Tgt Ion:276 Resp: 2931661

Ion Ratio Lower Upper

276 100

138 15.8 17.7 26.5#

277 23.9 18.8 28.2

