

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051322\
 Data File : BP010352.D
 Acq On : 13 May 2022 15:14
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV644

Quant Time: May 13 18:32:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	181682	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	809052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	546922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1174757	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.375	240	1132599	20.000	ng/ul	# 0.01
88) Perylene-d12	23.804	264	942976	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	32011	7.510	ng/uL	0.00
4) Pyridine-d5	3.764	84	225937	18.669	ng/ul	0.00
7) Phenol-d5	7.069	99	318285	20.873	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	202077	19.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	241989	20.739	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	255994	19.754	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	129424	20.670	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	139995	21.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	260195	20.737	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	367346	19.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	777196	19.287	ng/ul	0.01
49) Acenaphthylene-d8	14.234	160	983026	21.150	ng/ul	0.01
54) 4-Nitrophenol-d4	14.734	143	133129	18.562	ng/ul	0.00
60) Fluorene-d10	15.534	176	671153	19.145	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.657	200	128496	18.703	ng/ul	0.01
73) Anthracene-d10	17.392	188	1046370	19.671	ng/ul	0.01
81) Pyrene-d10	19.622	212	1236823	20.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.651	264	963984	20.359	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	33665	7.624	ng/ul#	9
5) Pyridine	3.787	79	241583	19.207	ng/ul#	40
6) Benzaldehyde	7.046	77	206392	25.603	ng/ul	94
8) Phenol	7.099	94	322257	19.589	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.328	93	257117	19.878	ng/ul#	74
12) 2-Chlorophenol	7.469	128	246712	20.253	ng/ul	95
13) 2-Methylphenol	8.352	108	245203	19.966	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	412586	19.572	ng/ul#	82
16) Acetophenone	8.728	105	413648	20.316	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.716	70	214759	19.708	ng/ul#	71
18) 4-Methylphenol	8.675	108	266481	19.633	ng/ul	90
19) Hexachloroethane	8.987	117	100767	19.020	ng/ul#	83
22) Nitrobenzene	9.105	77	316164	19.214	ng/ul#	81
23) Isophorone	9.640	82	592208	19.472	ng/ul#	96
25) 2-Nitrophenol	9.822	139	147226	20.206	ng/ul#	83
26) 2,4-Dimethylphenol	9.881	107	310331	19.629	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.116	93	355298	19.620	ng/ul#	98
29) 2,4-Dichlorophenol	10.357	162	252519	19.684	ng/ul#	82
30) Naphthalene	10.757	128	818497	19.369	ng/ul	97
32) 4-Chloroaniline	10.869	127	366828	19.813	ng/ul	98
33) Hexachlorobutadiene	11.052	225	171283	18.842	ng/ul	98
34) Caprolactam	11.640	113	80970	18.086	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.993	107	288162	19.202	ng/ul#	68
36) 2-Methylnaphthalene	12.369	142	569689	19.043	ng/ul	89

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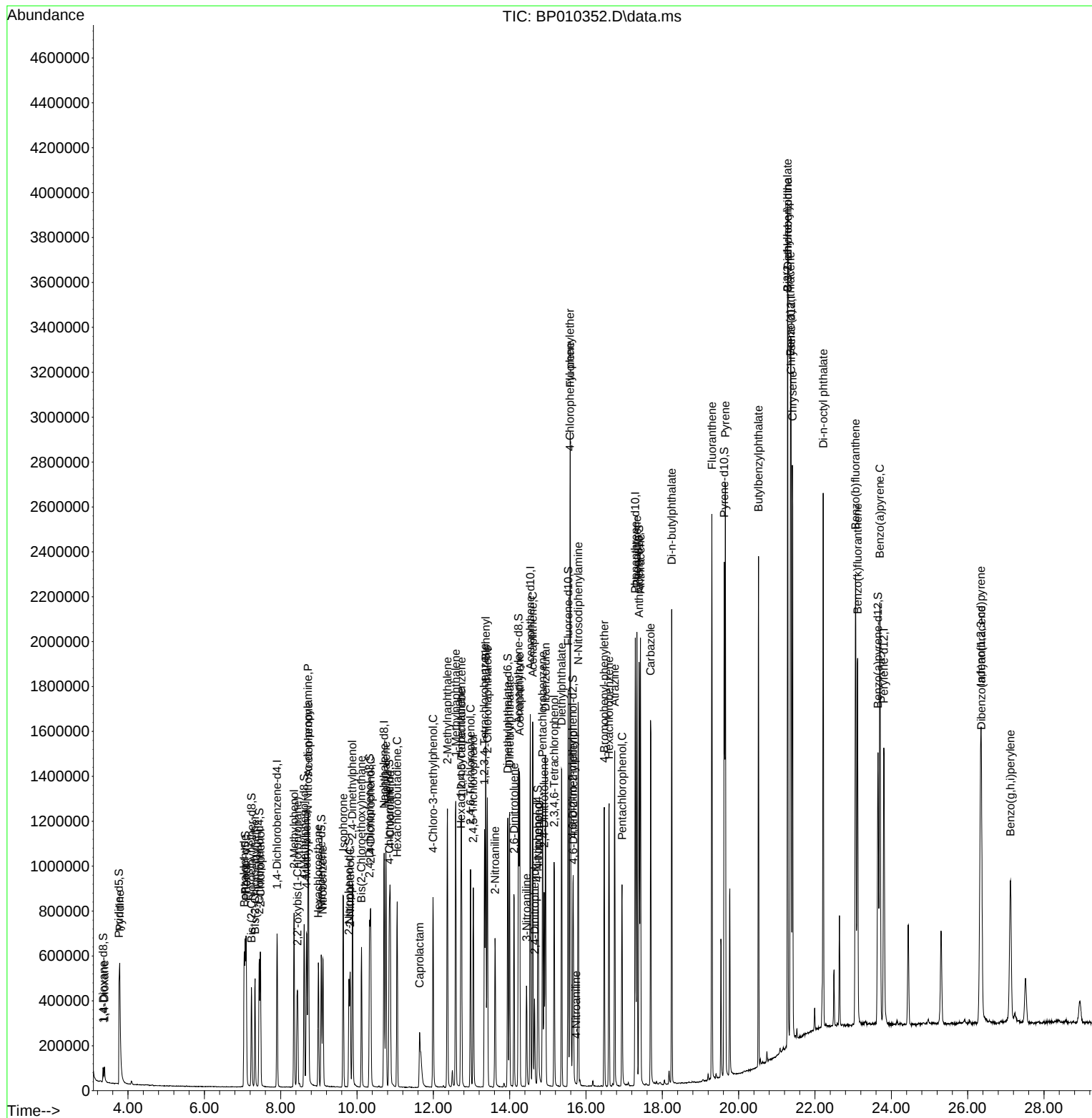
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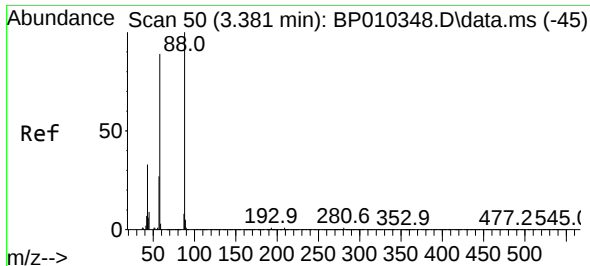
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	580545	19.220	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.740	216	326910	19.587	ng/ul	93
40) Hexachlorocyclopentadiene	12.722	237	165636	18.254	ng/ul	94
41) 2,4,6-Trichlorophenol	12.975	196	207572	19.952	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.046	196	227817	19.612	ng/ul#	86
43) 1,1'-Biphenyl	13.375	154	782343	19.488	ng/ul	93
44) 2-Chloronaphthalene	13.416	162	605859	19.540	ng/ul	92
45) 2-Nitroaniline	13.616	65	196465	19.253	ng/ul#	77
47) Dimethylphthalate	13.998	163	749727	18.757	ng/ul#	91
48) 2,6-Dinitrotoluene	14.116	165	156810	19.245	ng/ul	94
50) Acenaphthylene	14.263	152	978794	19.466	ng/ul	95
51) 3-Nitroaniline	14.440	138	109971	14.380	ng/ul#	80
52) Acenaphthene	14.604	153	626506	19.100	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	75702	16.641	ng/ul#	78
55) 4-Nitrophenol	14.751	109	114283	17.920	ng/ul#	45
56) Dibenzofuran	14.940	168	914381	19.022	ng/ul	100
57) 2,4-Dinitrotoluene	14.904	165	224704	19.157	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.169	232	191673	19.188	ng/ul#	87
59) Diethylphthalate	15.363	149	775991	19.026	ng/ul	93
61) Fluorene	15.587	166	740168	18.828	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.581	204	381901	18.676	ng/ul	96
63) 4-Nitroaniline	15.740	138	426	0.056	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.669	198	126298	18.433	ng/ul#	91
67) N-Nitrosodiphenylamine	15.798	169	642219	19.494	ng/ul	94
68) 4-Bromophenyl-phenylether	16.481	248	230280	19.034	ng/ul	91
69) Hexachlorobenzene	16.604	284	265431	19.073	ng/ul#	91
70) Atrazine	16.751	200	243973	18.486	ng/ul#	88
71) Pentachlorophenol	16.945	266	156923	17.971	ng/ul#	85
72) Phenanthrene	17.334	178	1177811	18.787	ng/ul	98
74) Anthracene	17.428	178	1189808	18.918	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	342058	19.159	ng/ul#	86
76) Pentachlorobenzene	14.863	250	317061	19.573	ng/ul	91
77) Carbazole	17.692	167	1035770	18.739	ng/ul#	95
78) Di-n-butylphthalate	18.245	149	1315379	19.539	ng/ul#	93
80) Fluoranthene	19.298	202	1410242	20.176	ng/ul	97
82) Pyrene	19.651	202	1442402	19.774	ng/ul	95
83) Butylbenzylphthalate	20.522	149	600059	20.572	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.286	252	366415	16.096	ng/ul#	99
85) Benzo(a)anthracene	21.357	228	1376753	19.439	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.280	149	881841	20.603	ng/ul#	80
87) Chrysene	21.410	228	1346074	19.322	ng/ul	98
89) Di-n-octyl phthalate	22.216	149	1464361	20.700	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	1241410	19.751	ng/ul	99
91) Benzo(k)fluoranthene	23.116	252	1196756	20.034	ng/ul#	98
93) Benzo(a)pyrene	23.698	252	1157433	19.821	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.345	276	1044518	19.013	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.362	278	907981	19.048	ng/ul#	94
96) Benzo(g,h,i)perylene	27.121	276	879284	19.168	ng/ul#	90

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

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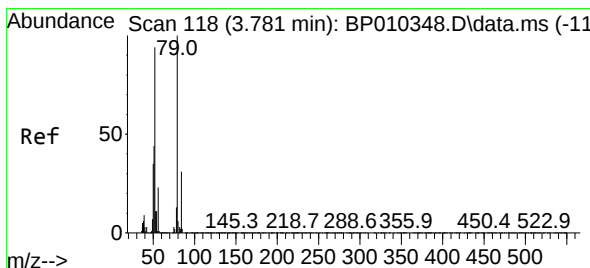
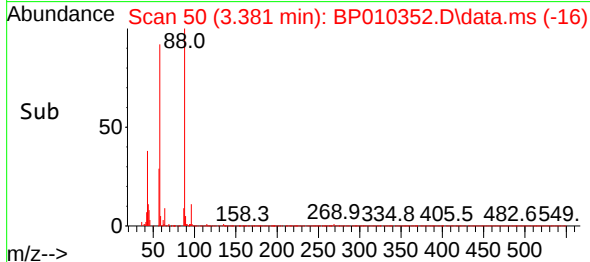
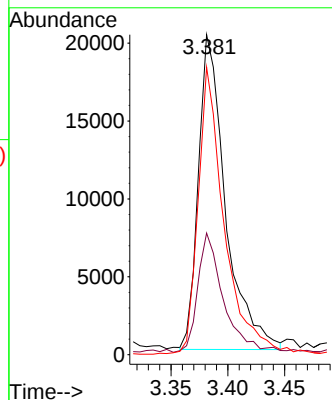
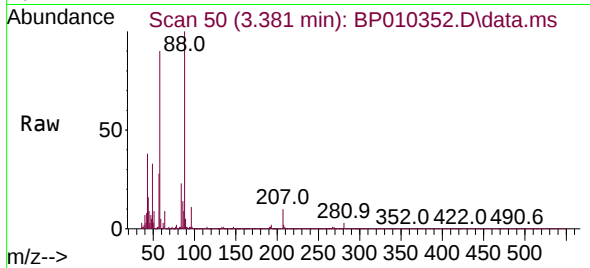




#2
1,4-Dioxane
Concen: 7.624 ng/uL
RT: 3.381 min Scan# 50
Delta R.T. 0.000 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

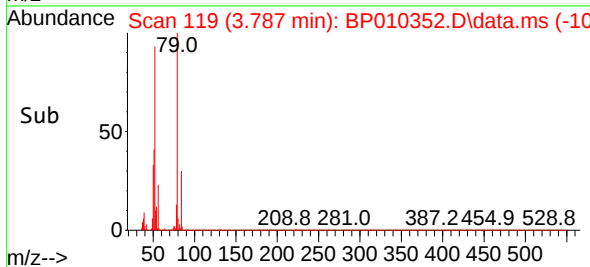
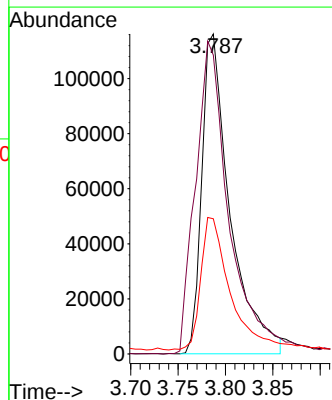
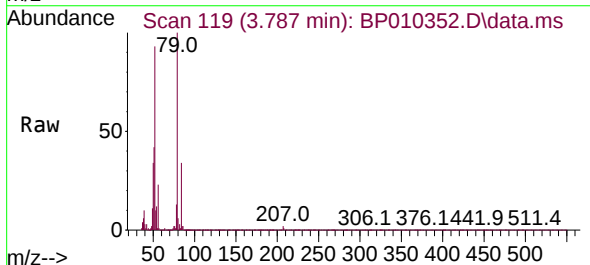
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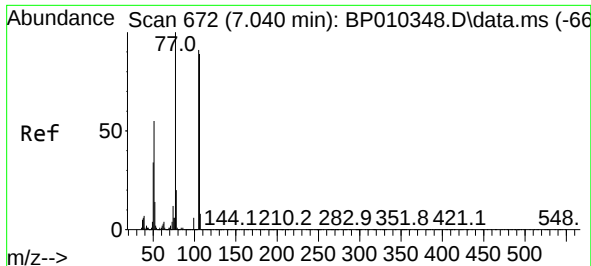
Tgt Ion: 88 Resp: 33665
Ion Ratio Lower Upper
88 100
43 38.0 6.8 10.2#
58 89.9 28.4 42.6#



#5
Pyridine
Concen: 19.207 ng/uL
RT: 3.787 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion: 79 Resp: 241583
Ion Ratio Lower Upper
79 100
52 93.4 35.5 53.3#
51 42.3 20.2 30.4#

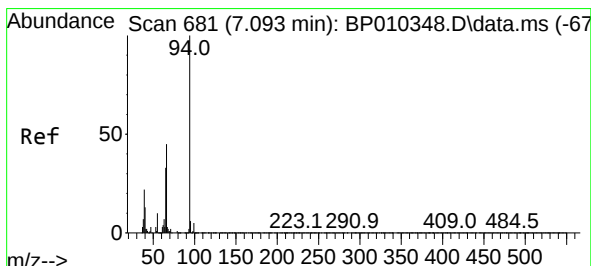
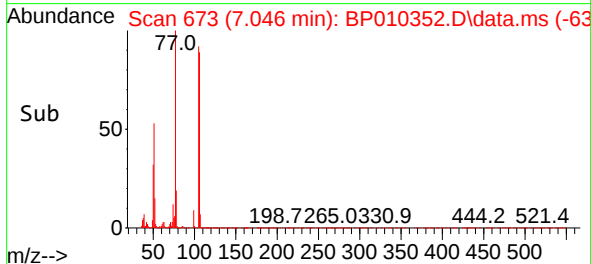
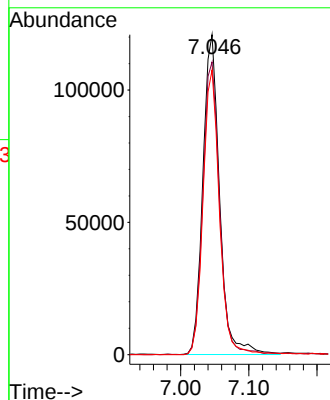
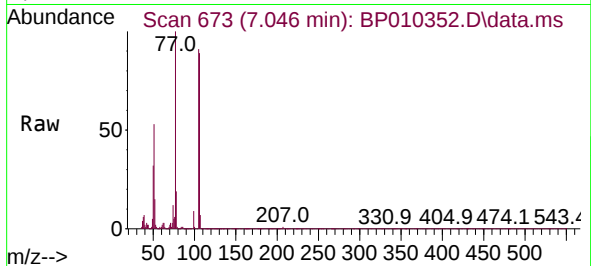




#6
Benzaldehyde
Concen: 25.603 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

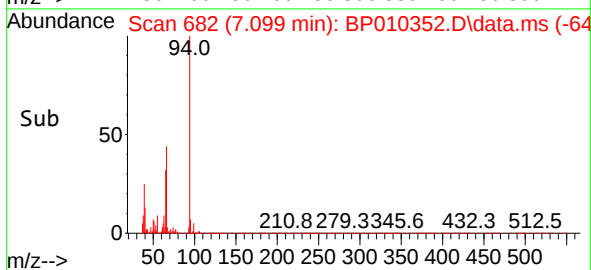
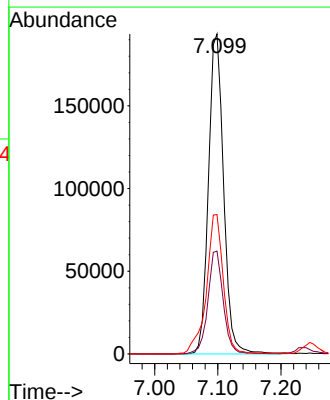
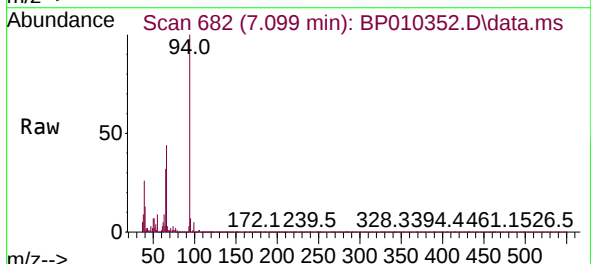
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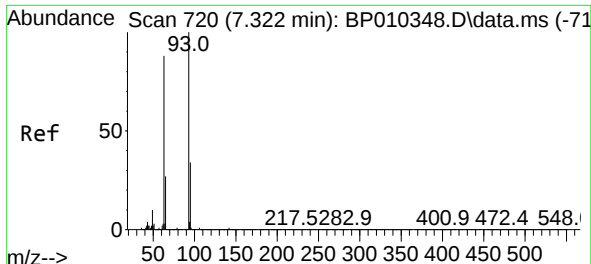
Tgt Ion: 77 Resp: 206392
Ion Ratio Lower Upper
77 100
105 91.5 77.0 115.4
106 89.0 77.0 115.4



#8
Phenol
Concen: 19.589 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion: 94 Resp: 322257
Ion Ratio Lower Upper
94 100
65 32.2 19.0 28.6#
66 43.6 34.6 51.8

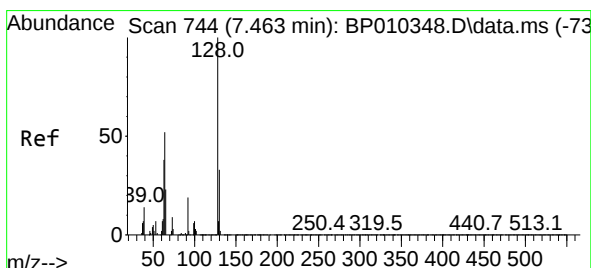
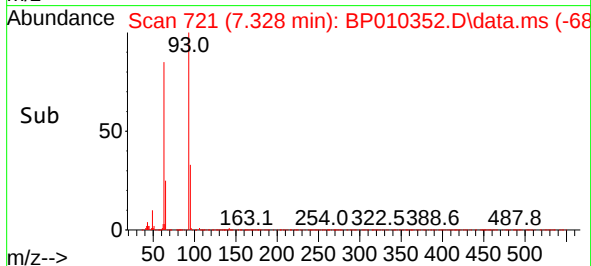
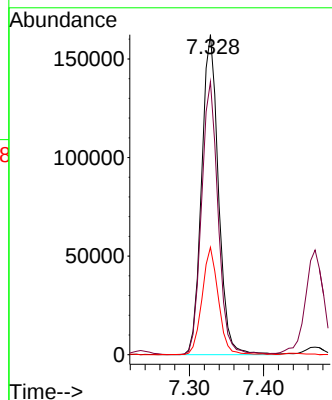
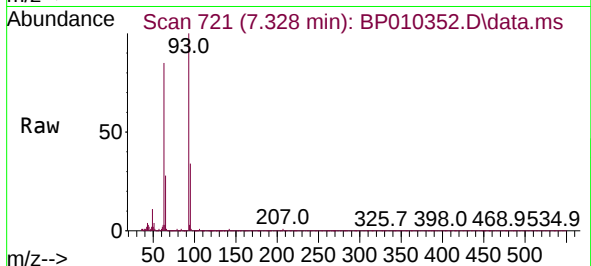




#10
Bis(2-Chloroethyl)ether
Concen: 19.878 ng/ul
RT: 7.328 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

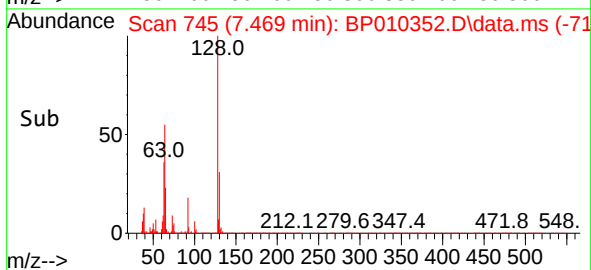
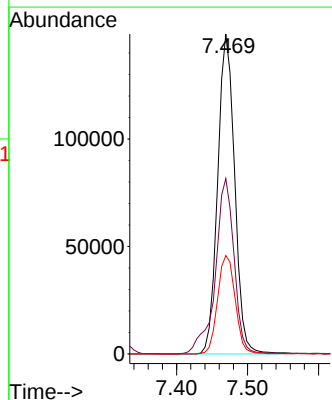
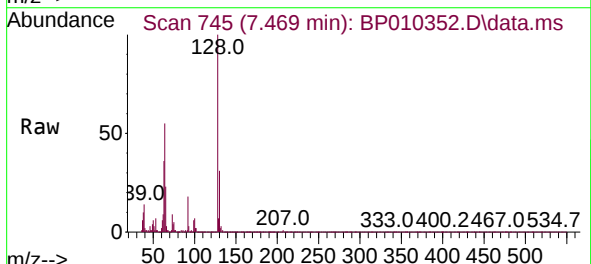
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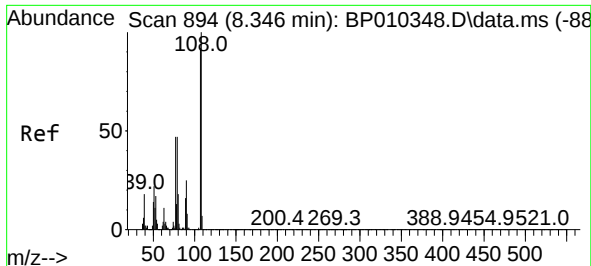
Tgt Ion: 93 Resp: 257117
Ion Ratio Lower Upper
93 100
63 85.3 45.0 67.4#
95 33.6 26.3 39.5



#12
2-Chlorophenol
Concen: 20.253 ng/ul
RT: 7.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:128 Resp: 246712
Ion Ratio Lower Upper
128 100
64 54.8 45.3 67.9
130 30.8 29.0 43.6

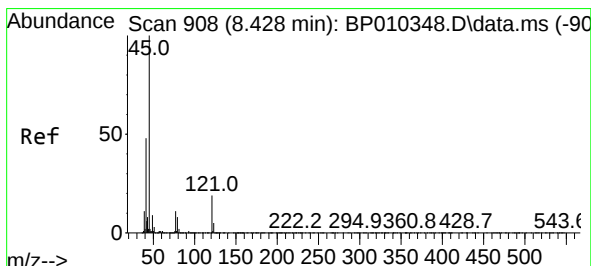
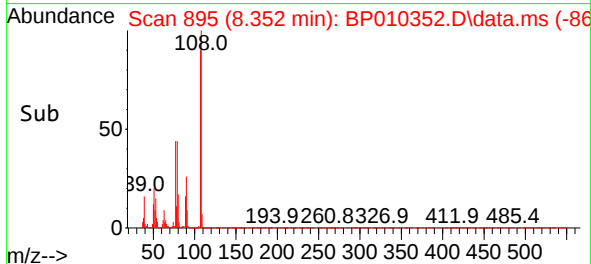
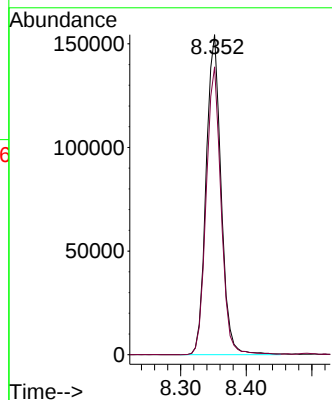
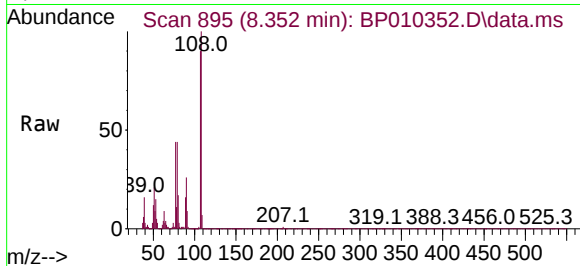




#13
2-Methylphenol
Concen: 19.966 ng/ul
RT: 8.352 min Scan# 894
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

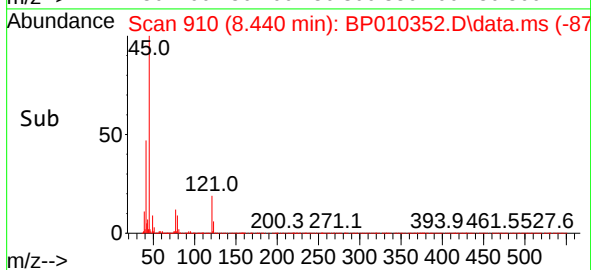
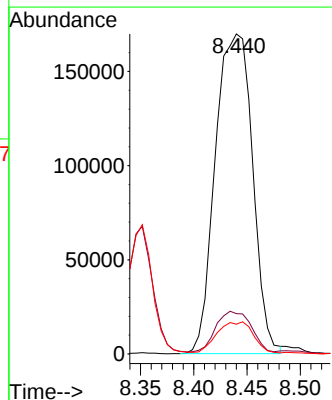
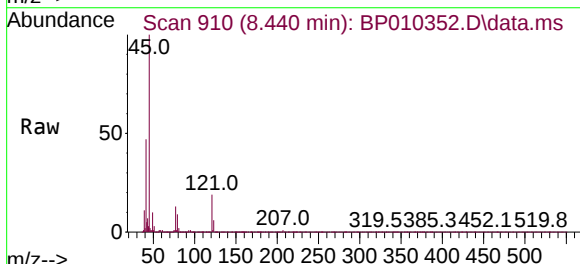
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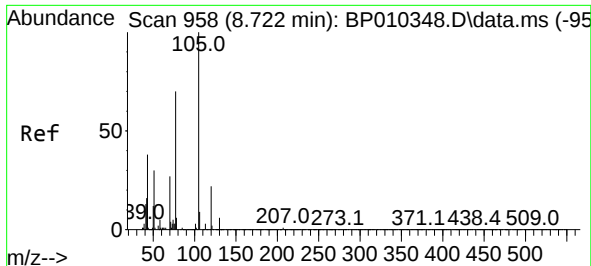
Tgt Ion:108 Resp: 245203
Ion Ratio Lower Upper
108 100
107 89.9 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.572 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion: 45 Resp: 412586
Ion Ratio Lower Upper
45 100
77 12.6 17.1 25.7#
79 9.3 13.2 19.8#

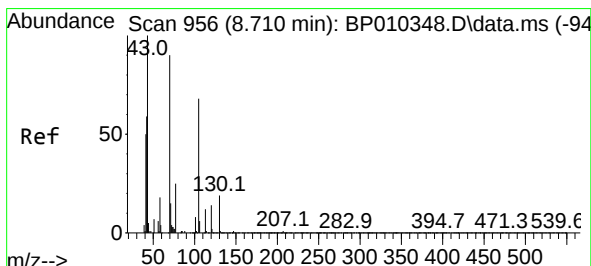
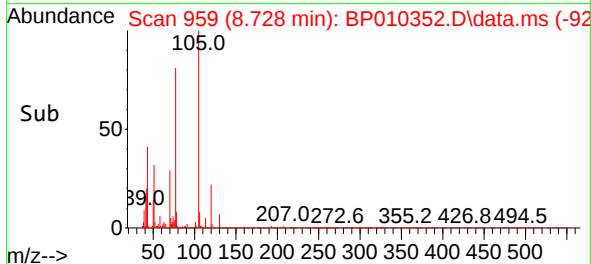
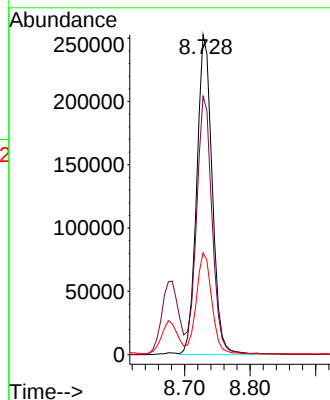
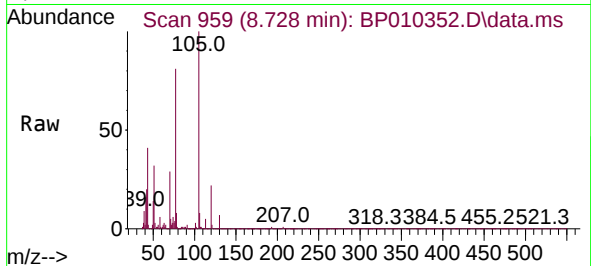




#16
Acetophenone
Concen: 20.316 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

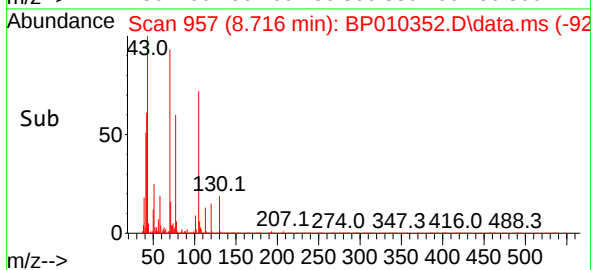
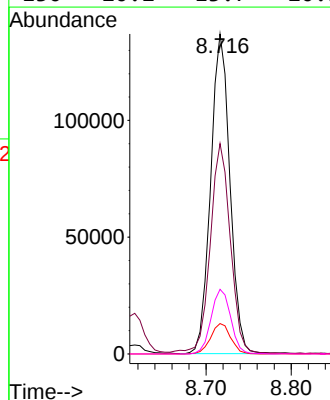
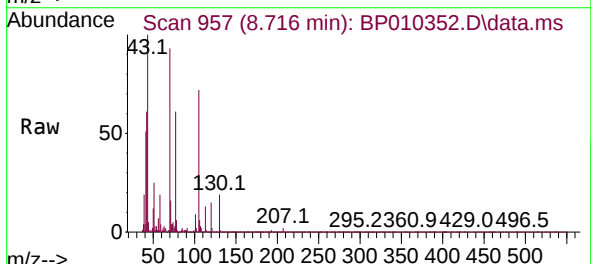
Instrument :
BNA_P
ClientSampleId :
SICV644

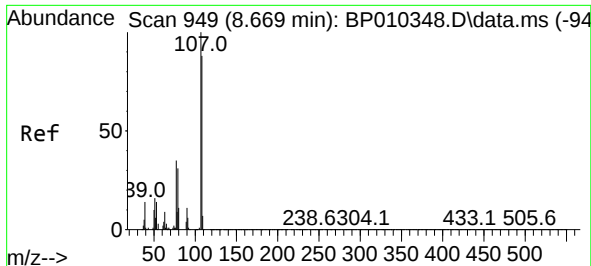
Tgt Ion:105 Resp: 413648
Ion Ratio Lower Upper
105 100
77 80.8 53.4 80.2#
51 31.8 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 19.708 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion: 70 Resp: 214759
Ion Ratio Lower Upper
70 100
42 65.7 31.8 47.8#
101 9.5 15.6 23.4#
130 20.2 13.7 20.5

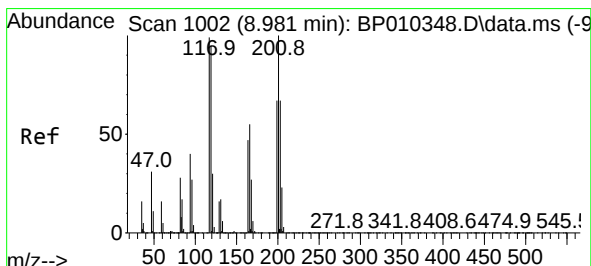
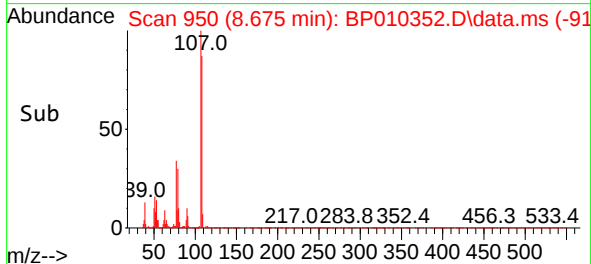
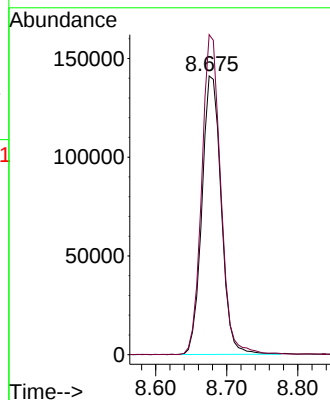
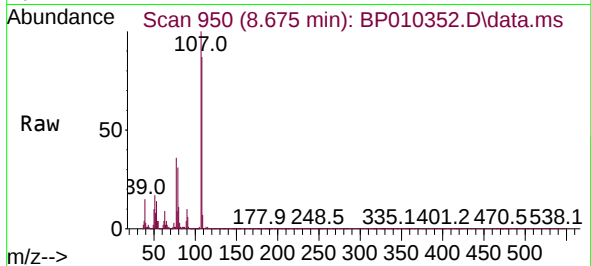




#18
4-Methylphenol
Concen: 19.633 ng/ul
RT: 8.675 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

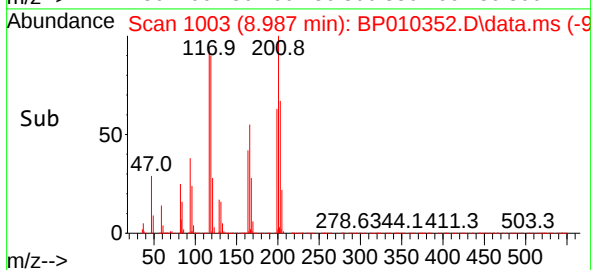
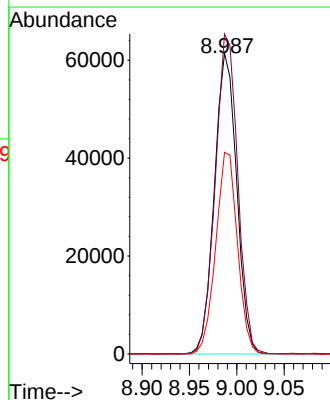
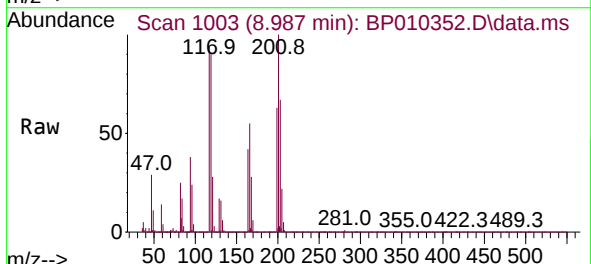
Instrument :
BNA_P
ClientSampleId :
SICV644

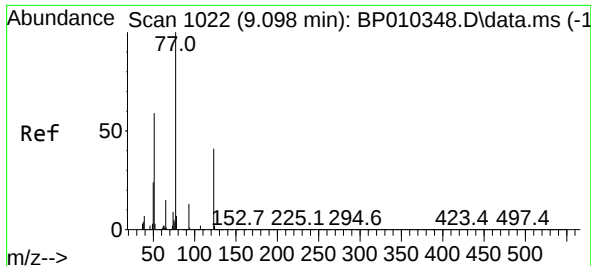
Tgt Ion:108 Resp: 266481
Ion Ratio Lower Upper
108 100
107 114.8 83.6 125.4



#19
Hexachloroethane
Concen: 19.020 ng/ul
RT: 8.987 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:117 Resp: 100767
Ion Ratio Lower Upper
117 100
201 106.4 106.5 159.7#
199 67.0 59.0 88.6

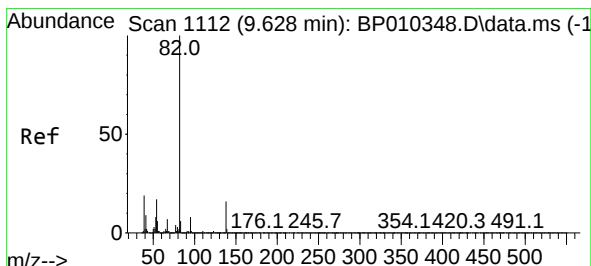
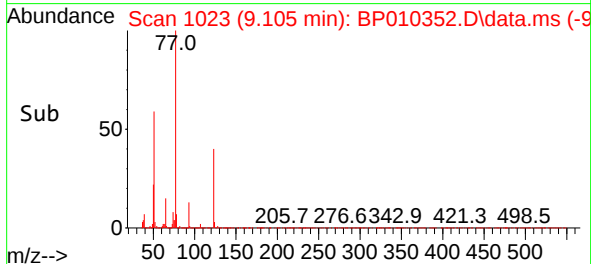
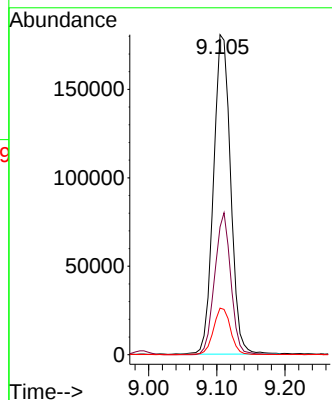
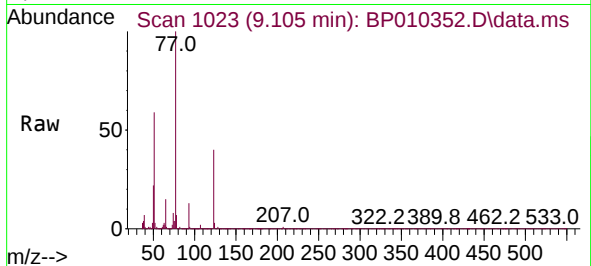




#22
Nitrobenzene
Concen: 19.214 ng/ul
RT: 9.105 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

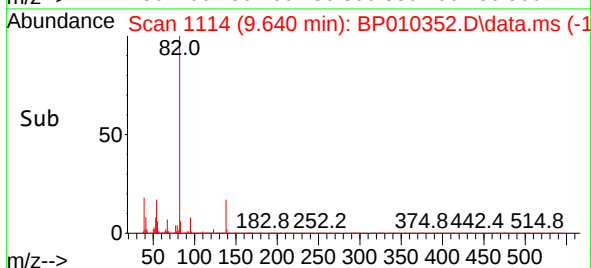
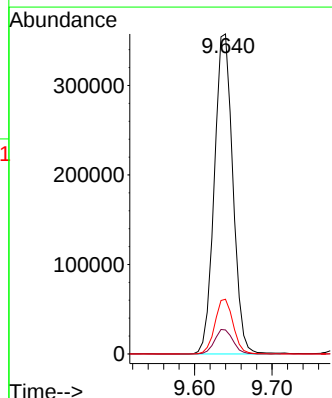
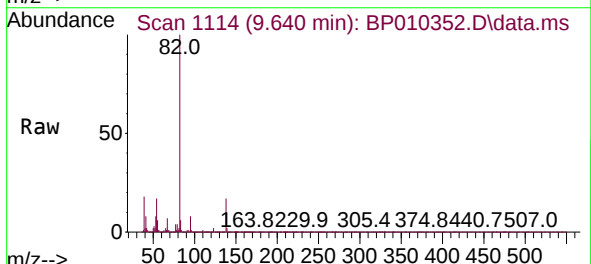
Instrument :
BNA_P
ClientSampleId :
SICV644

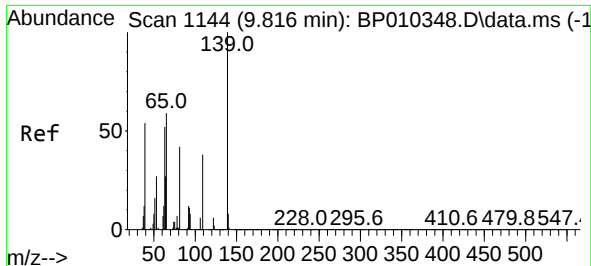
Tgt Ion: 77 Resp: 316164
Ion Ratio Lower Upper
77 100
123 39.9 42.3 63.5#
65 14.5 5.8 8.8#



#23
Isophorone
Concen: 19.472 ng/ul
RT: 9.640 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion: 82 Resp: 592208
Ion Ratio Lower Upper
82 100
95 7.5 7.8 11.8#
138 17.1 12.9 19.3

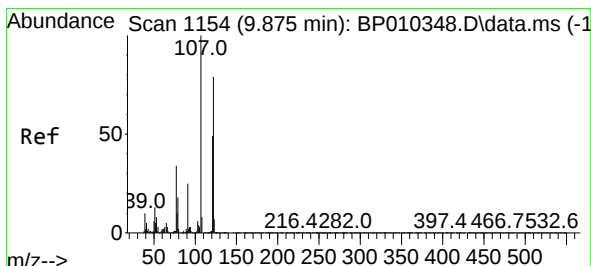
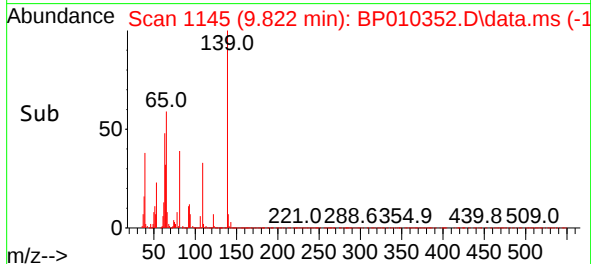
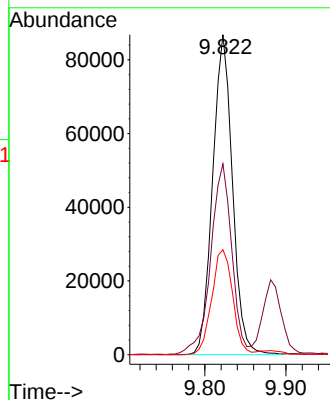
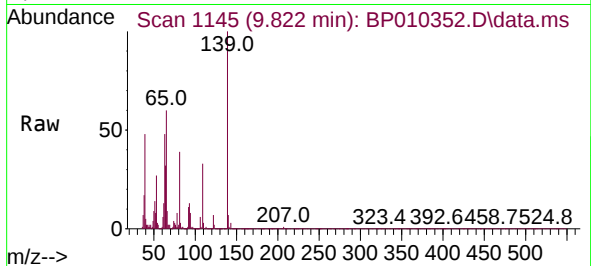




#25
2-Nitrophenol
Concen: 20.206 ng/ul
RT: 9.822 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

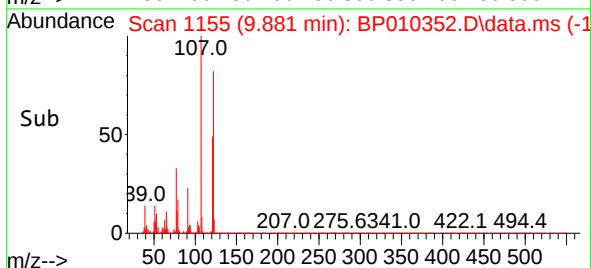
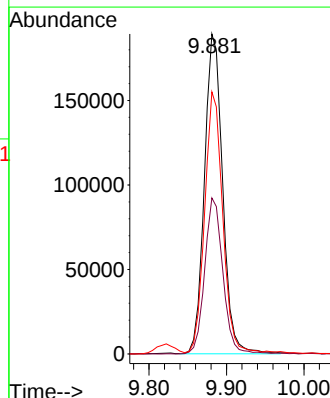
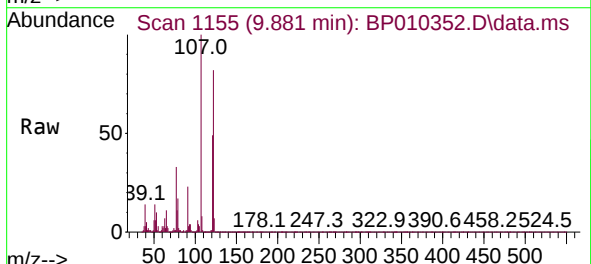
Instrument :
BNA_P
ClientSampleId :
SICV644

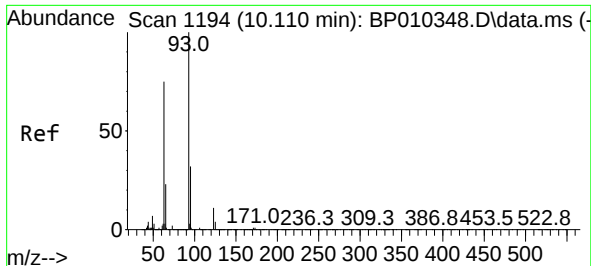
Tgt Ion:139 Resp: 147226
Ion Ratio Lower Upper
139 100
65 59.6 49.4 74.2
109 32.8 44.7 67.1#



#26
2,4-Dimethylphenol
Concen: 19.629 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:107 Resp: 310331
Ion Ratio Lower Upper
107 100
121 48.8 34.1 51.1
122 81.9 46.3 69.5#

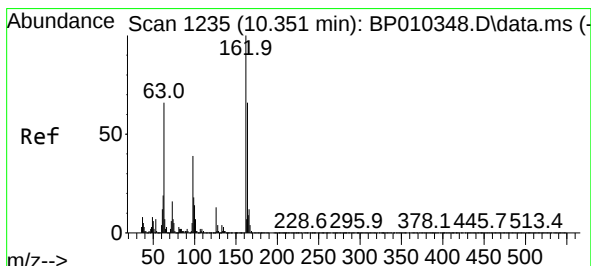
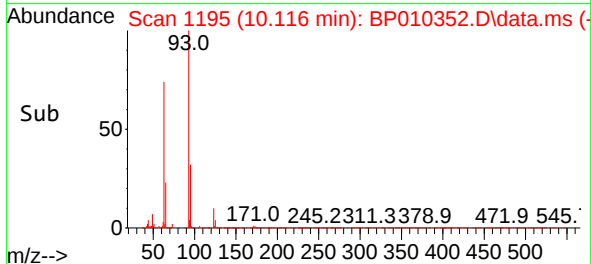
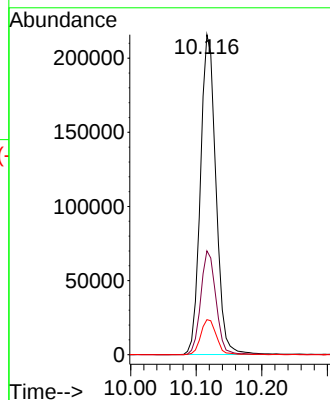
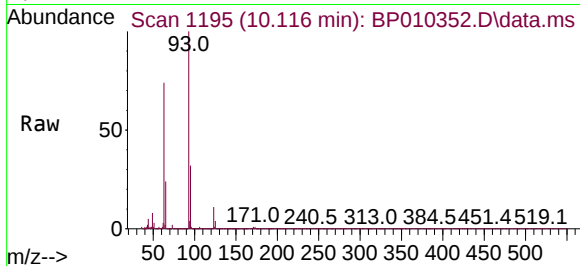




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.620 ng/ul
 RT: 10.116 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BP010352.D
 Acq: 13 May 2022 15:14

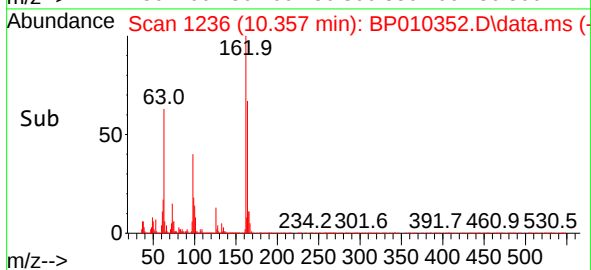
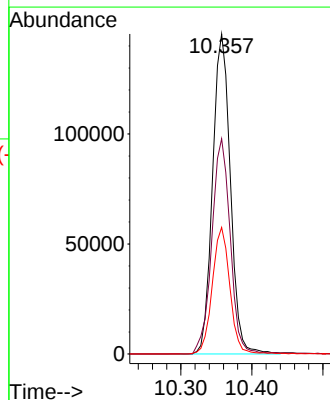
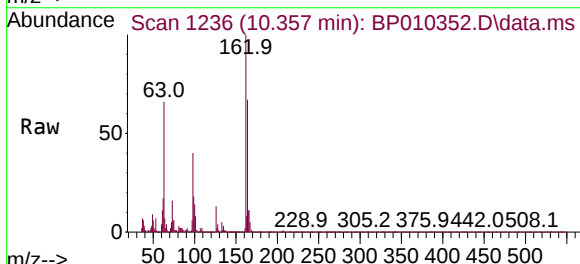
Instrument :
 BNA_P
 ClientSampleId :
 SICV644

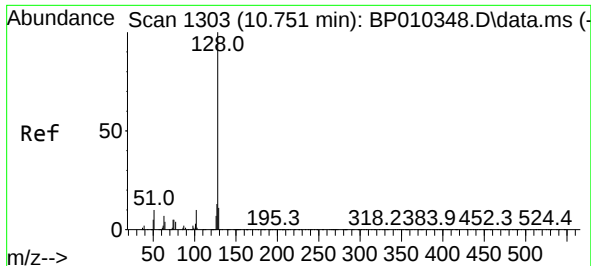
Tgt Ion: 93 Resp: 355298
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.4
 123 10.9 6.2 9.4#



#29
 2,4-Dichlorophenol
 Concen: 19.684 ng/ul
 RT: 10.357 min Scan# 1236
 Delta R.T. 0.006 min
 Lab File: BP010352.D
 Acq: 13 May 2022 15:14

Tgt Ion: 162 Resp: 252519
 Ion Ratio Lower Upper
 162 100
 164 67.3 37.0 55.6#
 98 39.6 31.0 46.6

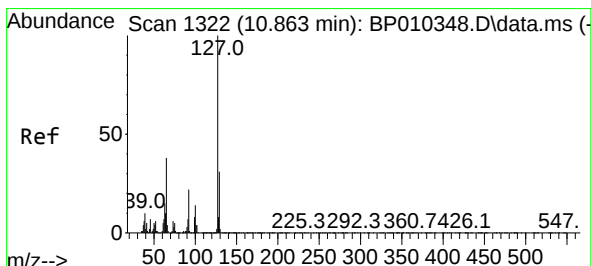
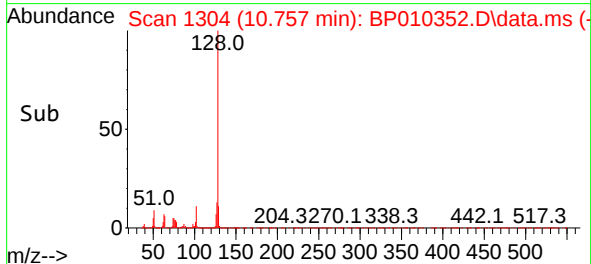
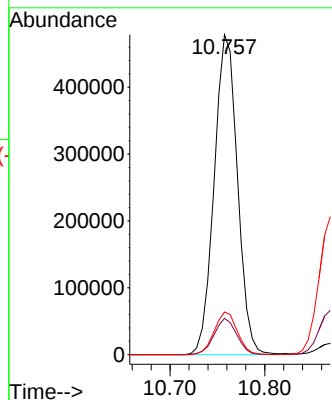
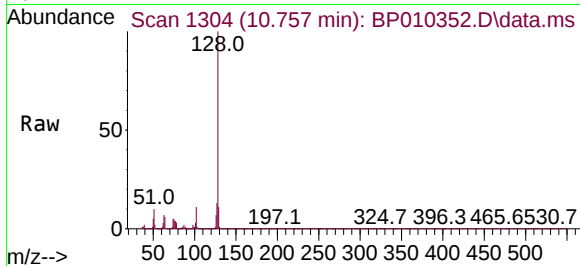




#30
Naphthalene
Concen: 19.369 ng/ul
RT: 10.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

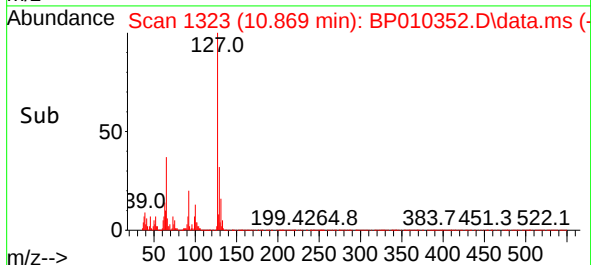
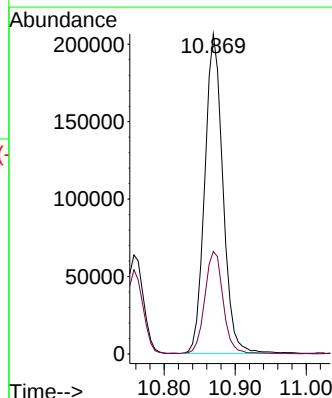
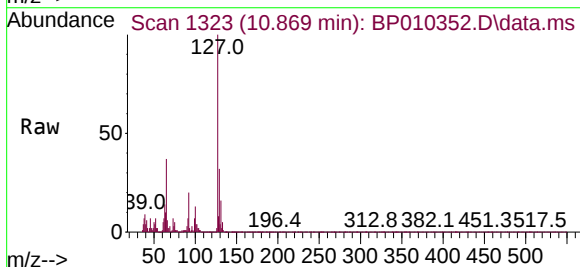
Instrument :
BNA_P
ClientSampleId :
SICV644

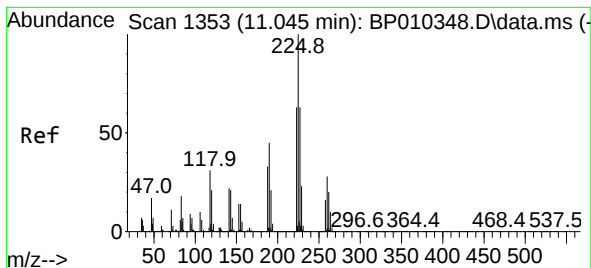
Tgt Ion:128 Resp: 818497
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 12.2 18.4



#32
4-Chloroaniline
Concen: 19.813 ng/ul
RT: 10.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:127 Resp: 366828
Ion Ratio Lower Upper
127 100
129 32.1 24.6 37.0





#33

Hexachlorobutadiene

Concen: 18.842 ng/ul

RT: 11.052 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

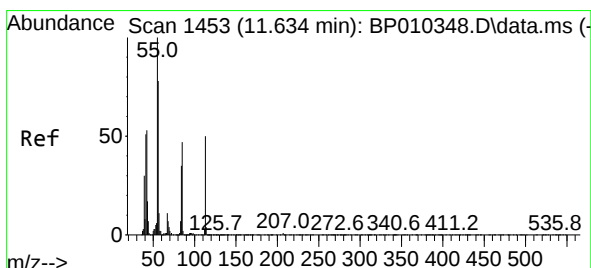
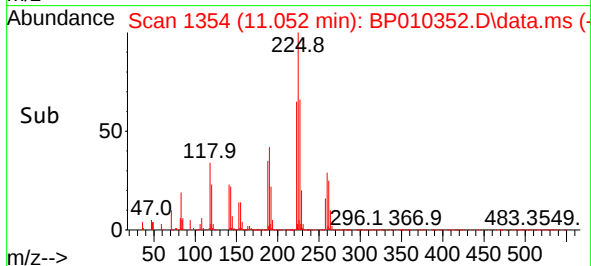
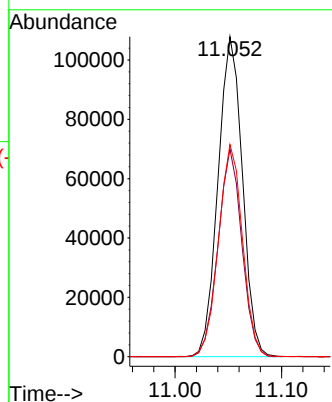
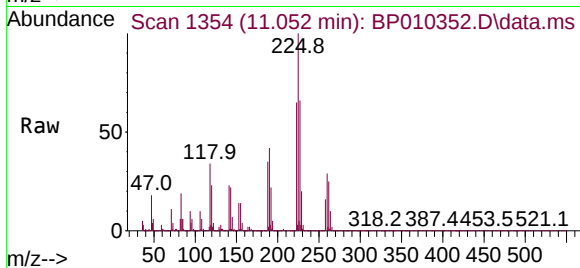
Tgt Ion:225 Resp: 171283

Ion Ratio Lower Upper

225 100

223 64.8 53.4 80.0

227 66.3 53.8 80.8



#34

Caprolactam

Concen: 18.086 ng/ul

RT: 11.640 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

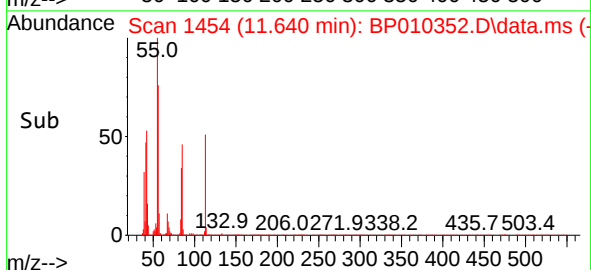
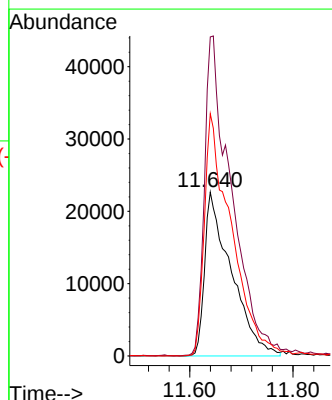
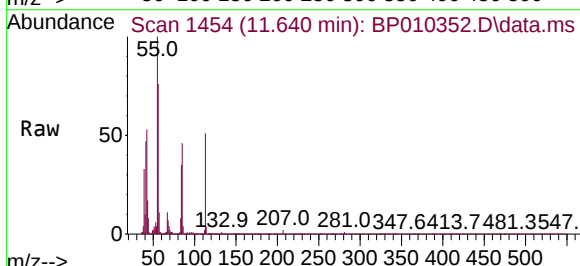
Tgt Ion:113 Resp: 80970

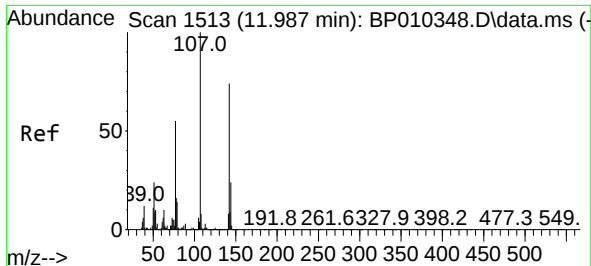
Ion Ratio Lower Upper

113 100

55 194.7 58.2 87.2#

56 147.8 68.6 103.0#

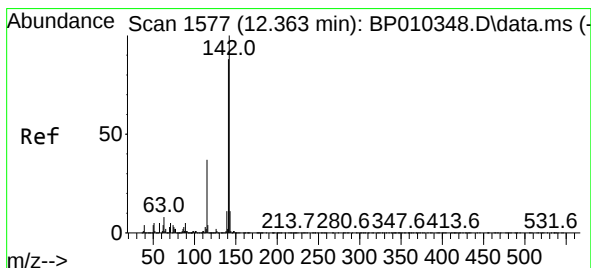
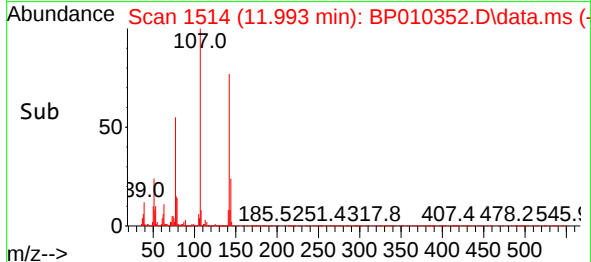
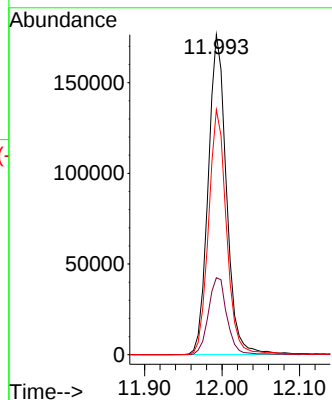
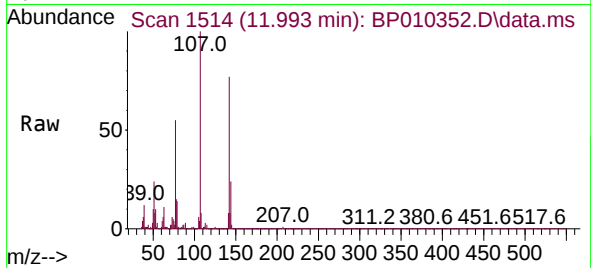




#35
4-Chloro-3-methylphenol
Concen: 19.202 ng/ul
RT: 11.993 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

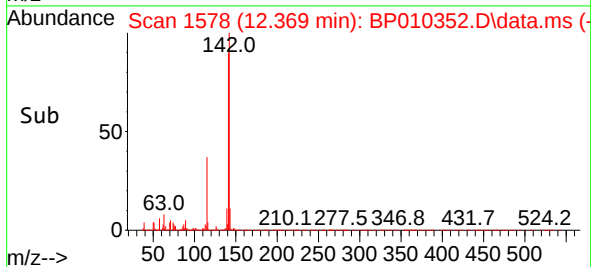
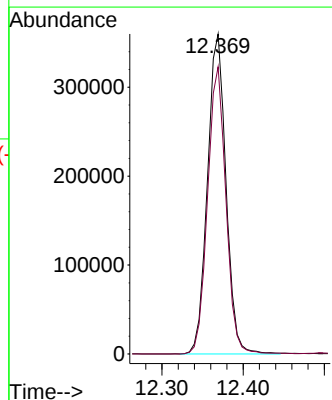
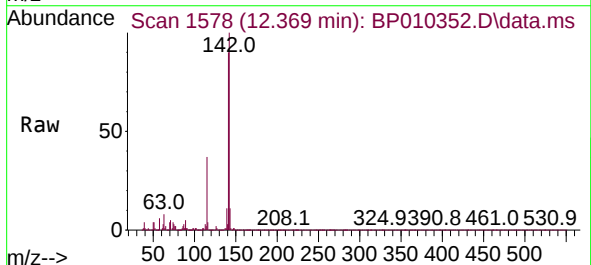
Instrument :
BNA_P
ClientSampleId :
SICV644

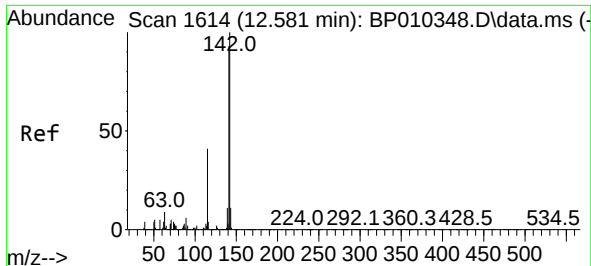
Tgt Ion:107 Resp: 288162
Ion Ratio Lower Upper
107 100
144 24.1 15.8 23.8#
142 76.5 38.9 58.3#



#36
2-Methylnaphthalene
Concen: 19.043 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:142 Resp: 569689
Ion Ratio Lower Upper
142 100
141 89.7 64.3 96.5

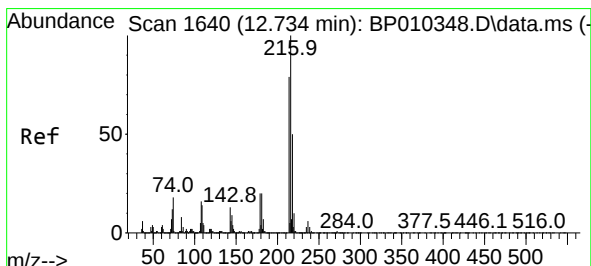
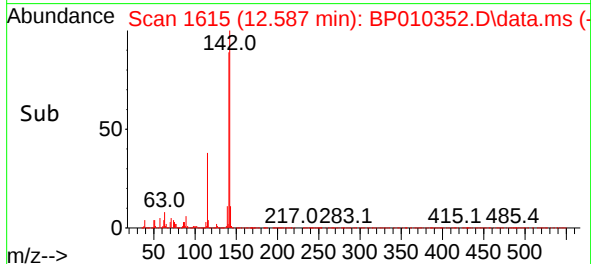
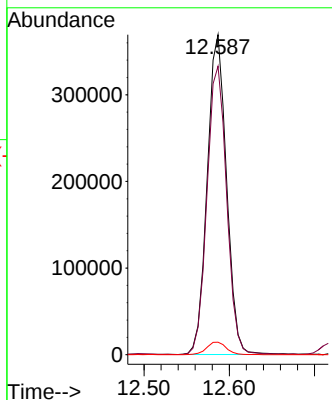
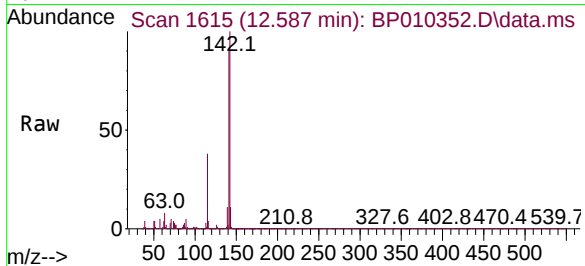




#37
1-Methylnaphthalene
Concen: 19.220 ng/ul
RT: 12.587 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

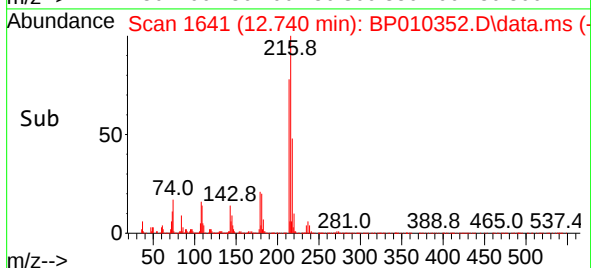
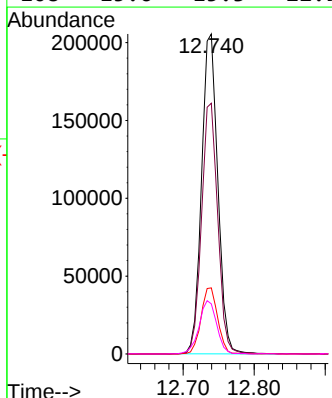
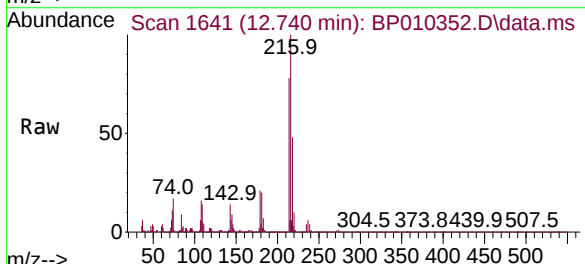
Instrument :
BNA_P
ClientSampleId :
SICV644

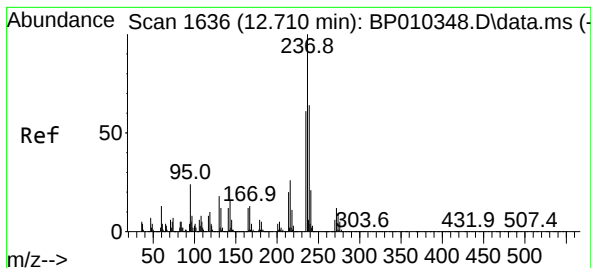
Tgt Ion:142 Resp: 580545
Ion Ratio Lower Upper
142 100
141 90.1 69.8 104.8
116 3.9 5.6 8.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.587 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:216 Resp: 326910
Ion Ratio Lower Upper
216 100
214 78.3 58.2 87.2
179 20.7 14.2 21.2
108 15.6 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 18.254 ng/ul

RT: 12.722 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

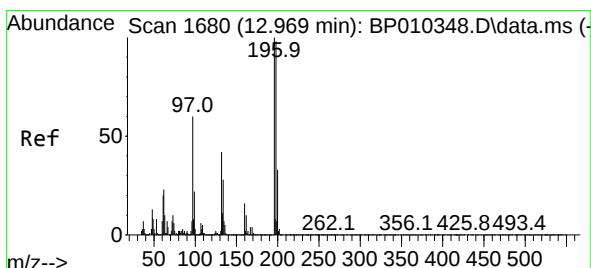
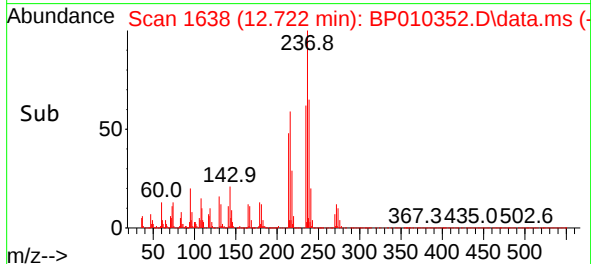
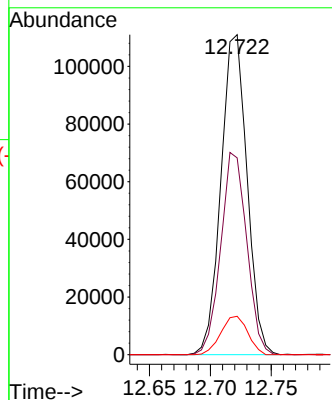
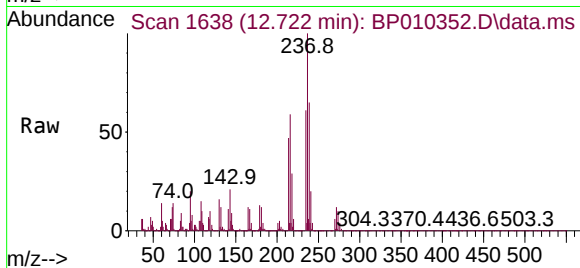
Tgt Ion:237 Resp: 165636

Ion Ratio Lower Upper

237 100

235 61.5 53.2 79.8

272 12.0 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 19.952 ng/ul

RT: 12.975 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

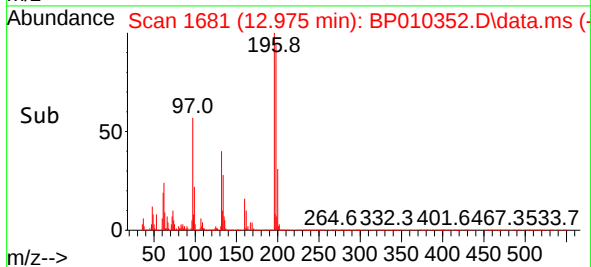
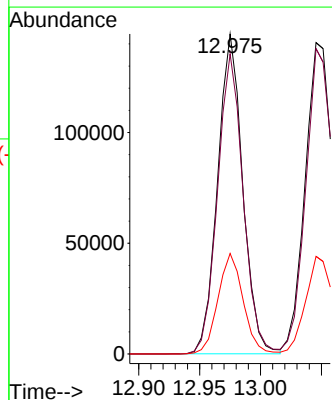
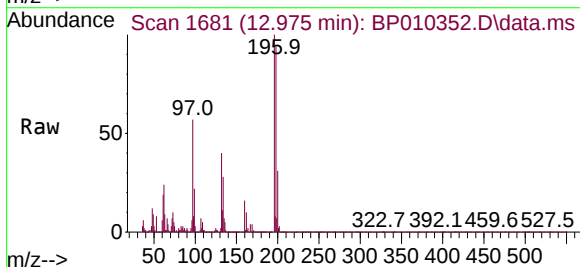
Tgt Ion:196 Resp: 207572

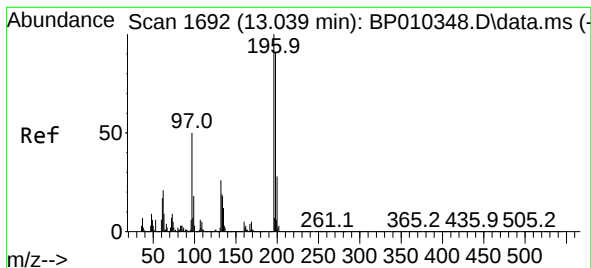
Ion Ratio Lower Upper

196 100

198 93.8 64.1 96.1

200 31.4 19.9 29.9#





#42

2,4,5-Trichlorophenol

Concen: 19.612 ng/ul

RT: 13.046 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

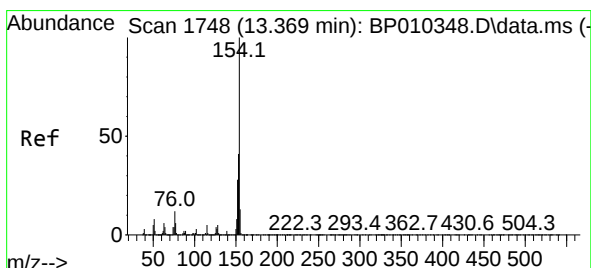
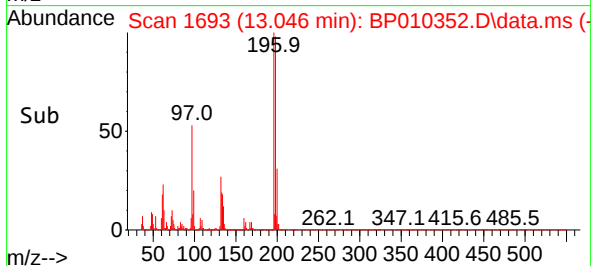
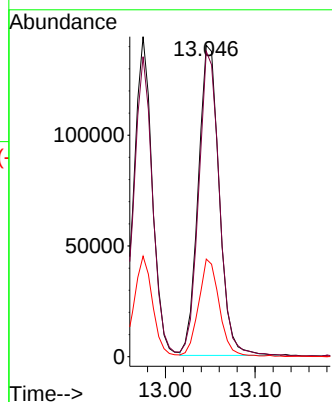
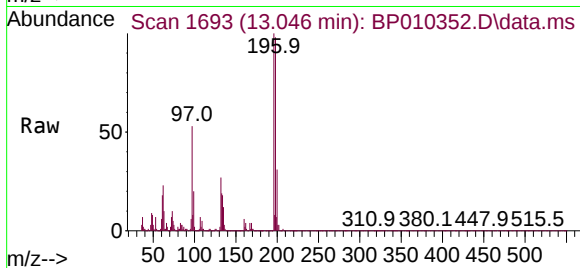
Tgt Ion:196 Resp: 227817

Ion Ratio Lower Upper

196 100

198 98.0 68.6 103.0

200 31.4 32.8 49.2#



#43

1,1'-Biphenyl

Concen: 19.488 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

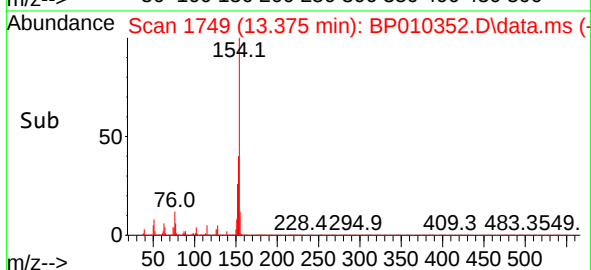
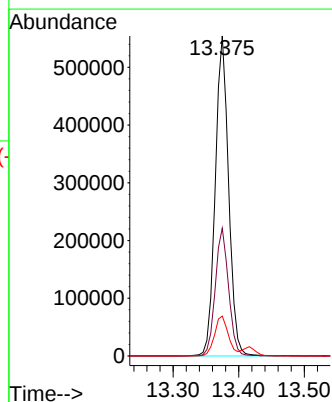
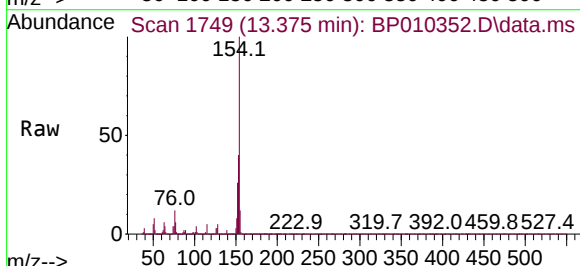
Tgt Ion:154 Resp: 782343

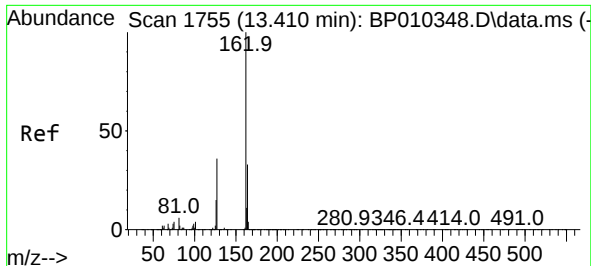
Ion Ratio Lower Upper

154 100

153 40.0 28.6 43.0

76 12.5 8.5 12.7

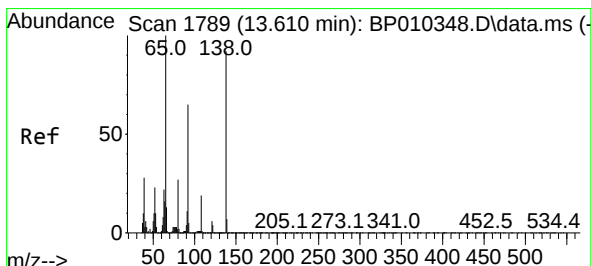
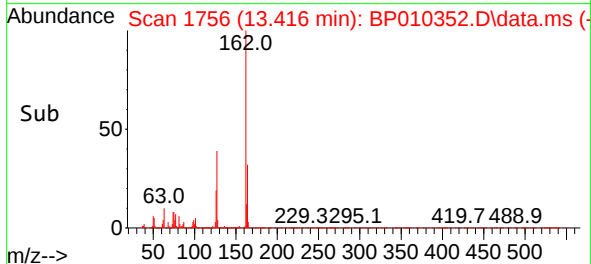
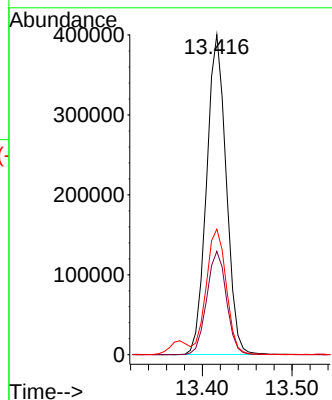
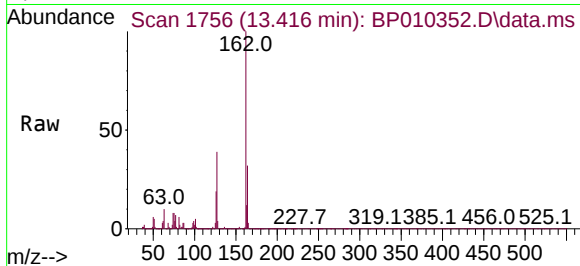




#44
2-Chloronaphthalene
Concen: 19.540 ng/ul
RT: 13.416 min Scan# 1755
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

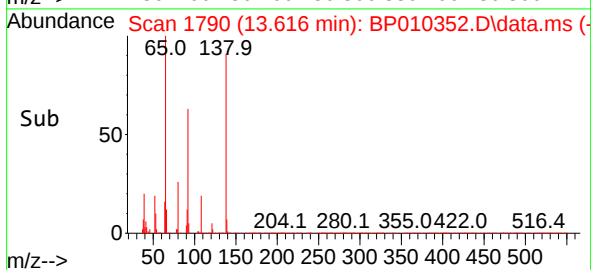
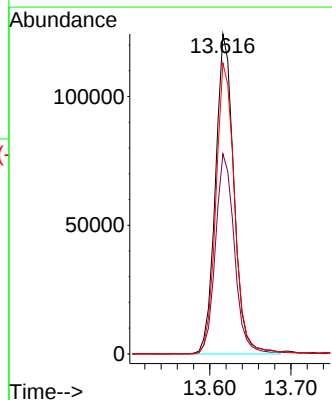
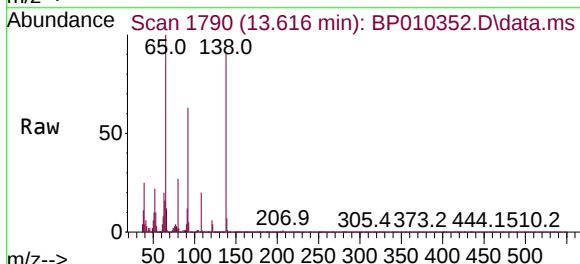
Instrument :
BNA_P
ClientSampleId :
SICV644

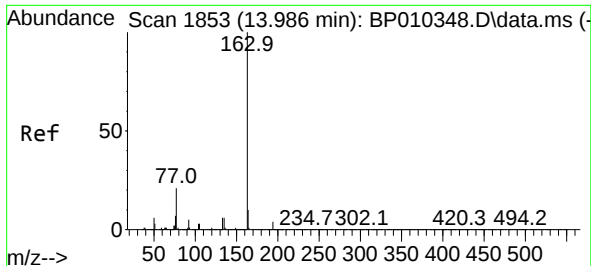
Tgt Ion:162 Resp: 605859
Ion Ratio Lower Upper
162 100
164 32.3 27.5 41.3
127 39.3 37.1 55.7



#45
2-Nitroaniline
Concen: 19.253 ng/ul
RT: 13.616 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion: 65 Resp: 196465
Ion Ratio Lower Upper
65 100
92 62.6 77.9 116.9#
138 90.9 81.5 122.3

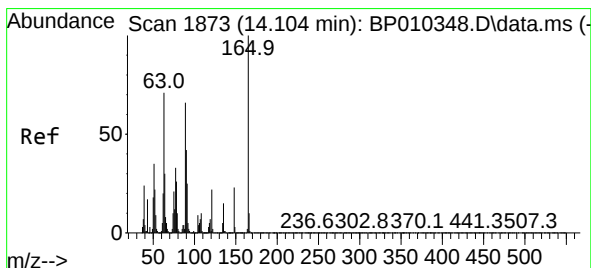
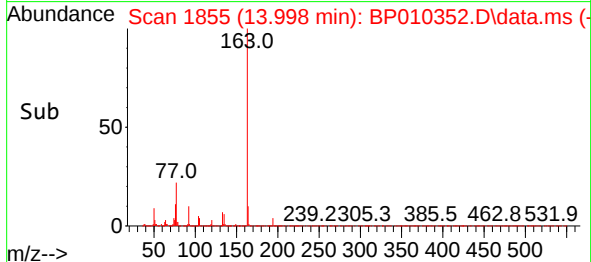
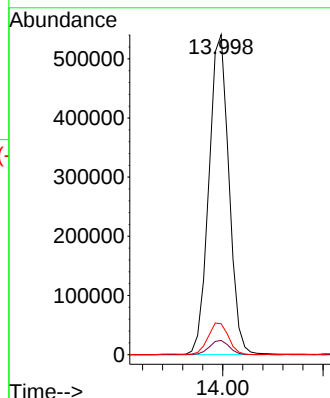
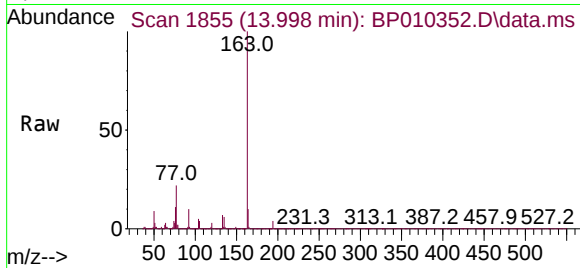




#47
Dimethylphthalate
Concen: 18.757 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

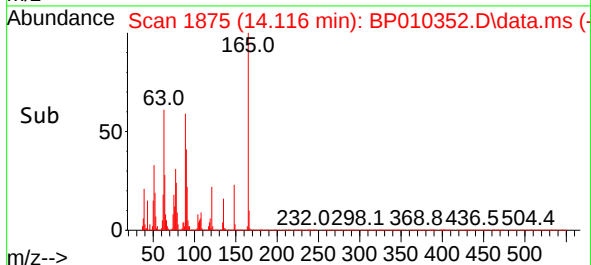
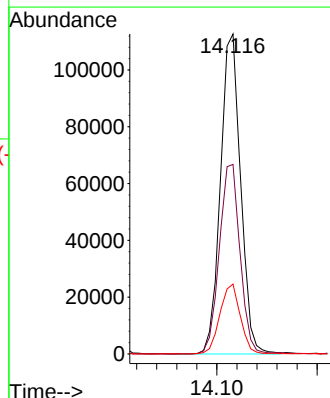
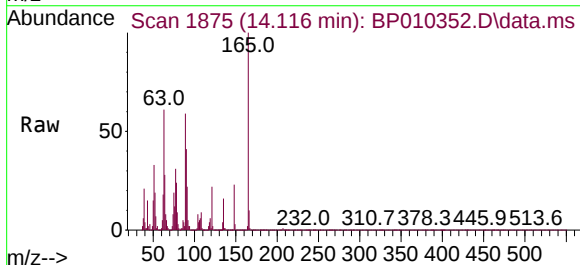
Instrument :
BNA_P
ClientSampleId :
SICV644

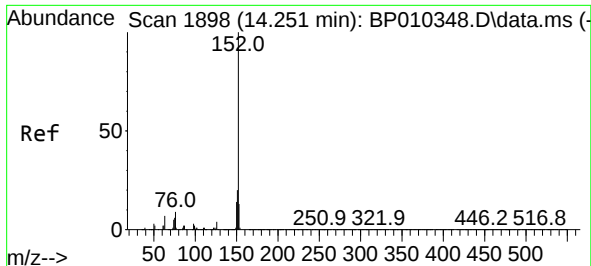
Tgt Ion:163 Resp: 749727
Ion Ratio Lower Upper
163 100
194 4.4 4.1 6.1
164 9.7 11.3 16.9#



#48
2,6-Dinitrotoluene
Concen: 19.245 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:165 Resp: 156810
Ion Ratio Lower Upper
165 100
89 59.3 51.7 77.5
121 21.8 18.3 27.5

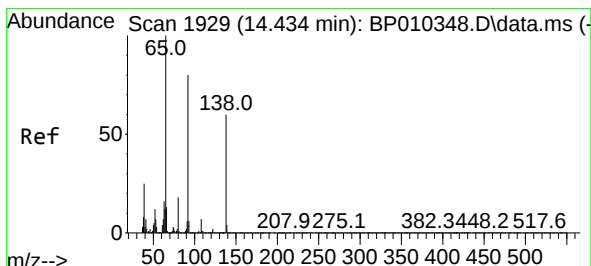
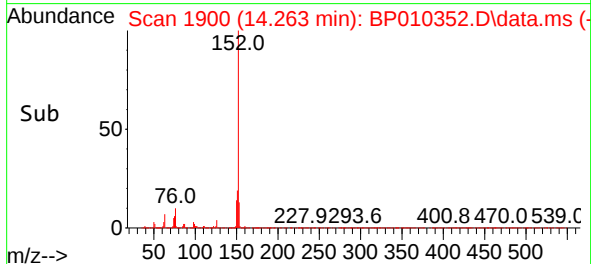
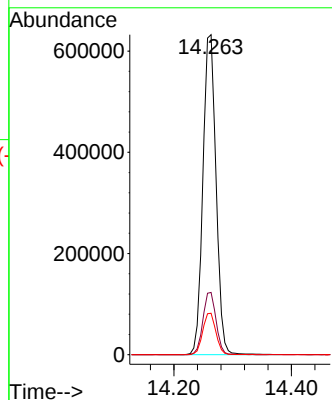
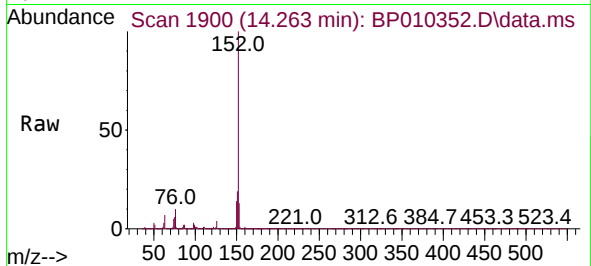




#50
Acenaphthylene
Concen: 19.466 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

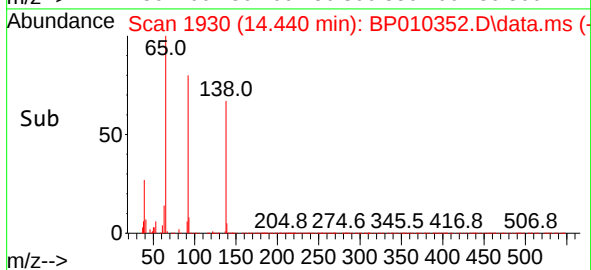
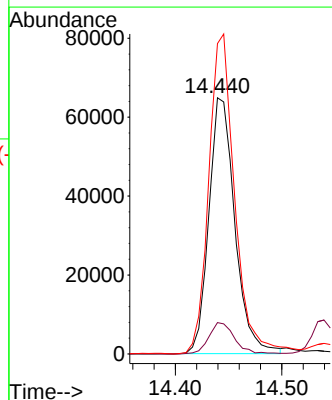
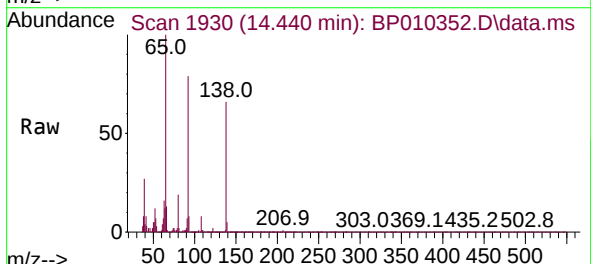
Instrument :
BNA_P
ClientSampleId :
SICV644

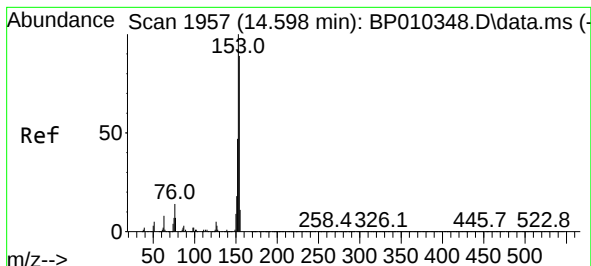
Tgt Ion:152 Resp: 978794
Ion Ratio Lower Upper
152 100
151 19.5 18.3 27.5
153 13.0 11.0 16.6



#51
3-Nitroaniline
Concen: 14.380 ng/ul
RT: 14.440 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:138 Resp: 109971
Ion Ratio Lower Upper
138 100
108 12.2 15.8 23.8#
92 121.2 117.1 175.7





#52

Acenaphthene

Concen: 19.100 ng/ul

RT: 14.604 min Scan# 1958

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

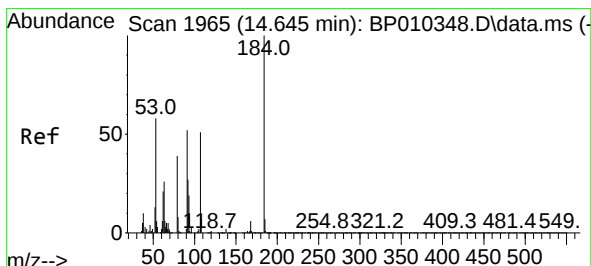
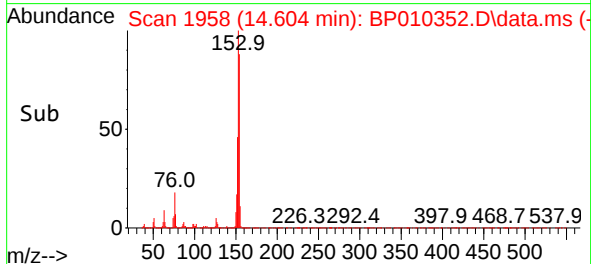
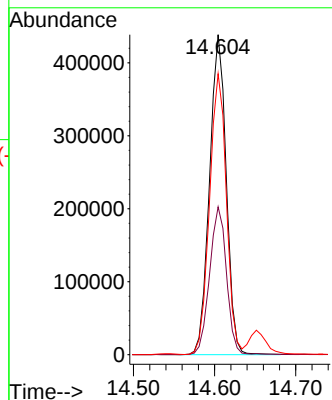
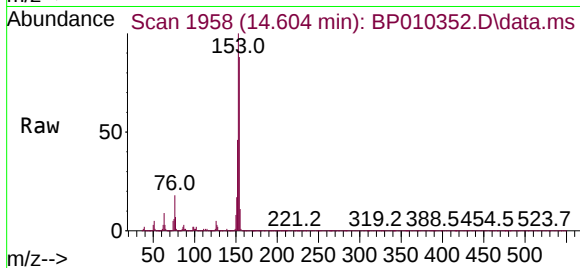
Tgt Ion:153 Resp: 626506

Ion Ratio Lower Upper

153 100

152 46.2 34.3 51.5

154 87.8 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 16.641 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

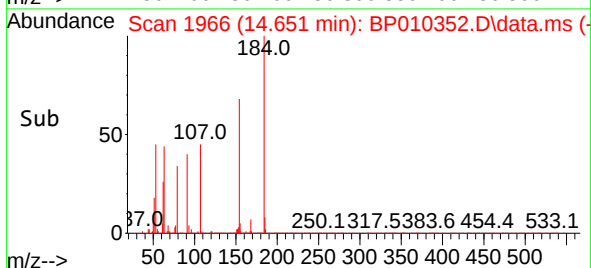
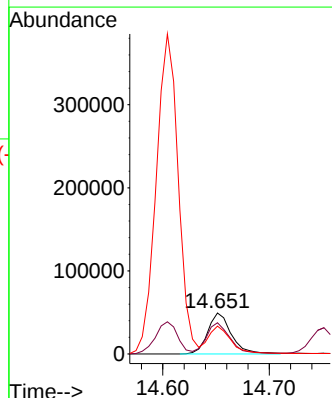
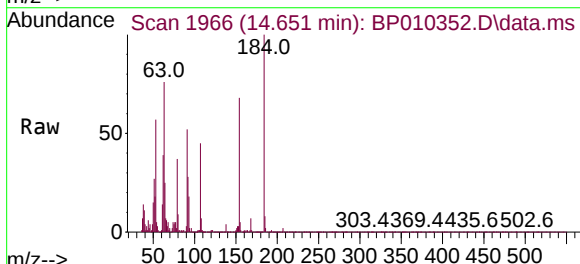
Tgt Ion:184 Resp: 75702

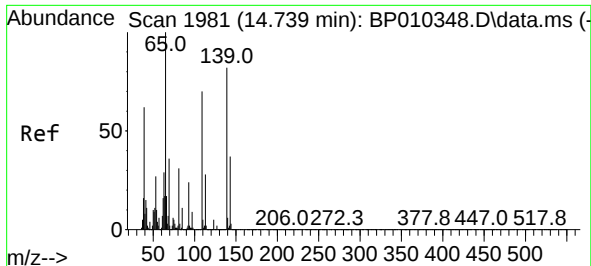
Ion Ratio Lower Upper

184 100

63 76.0 34.6 52.0#

154 68.1 57.7 86.5

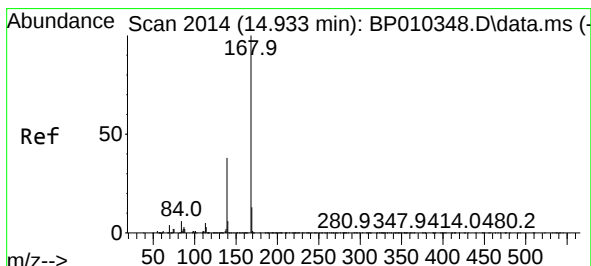
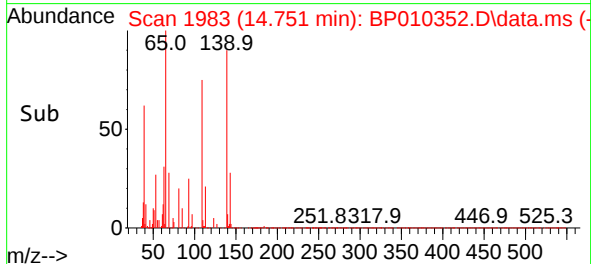
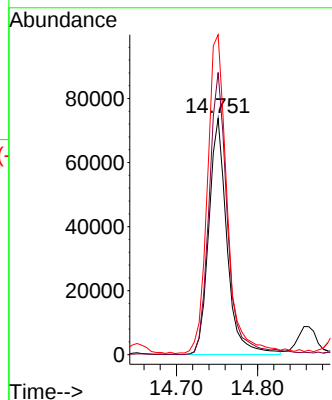
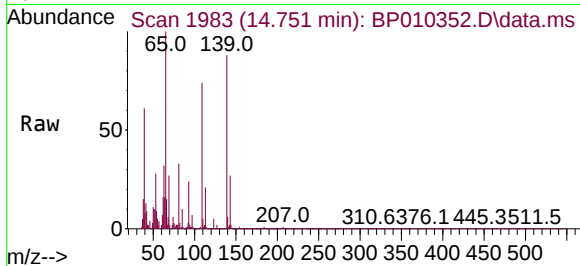




#55
4-Nitrophenol
Concen: 17.920 ng/ul
RT: 14.751 min Scan# 1981
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

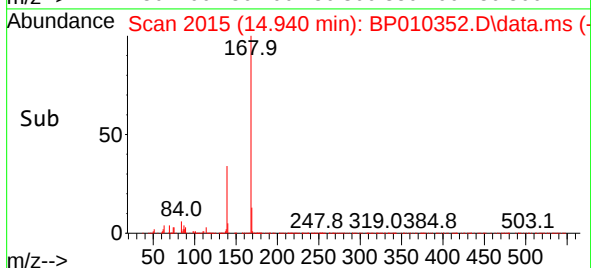
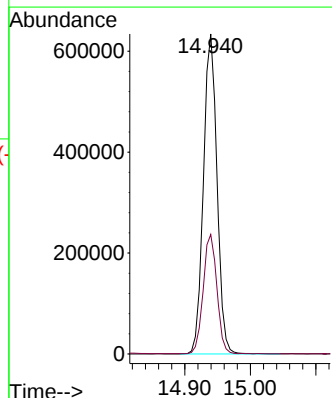
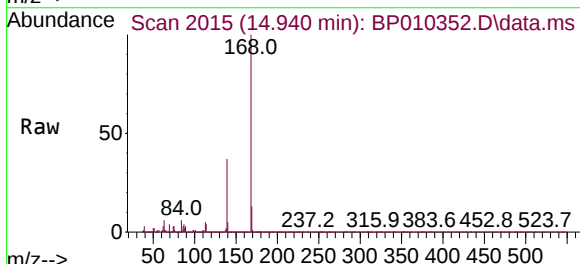
Instrument :
BNA_P
ClientSampleId :
SICV644

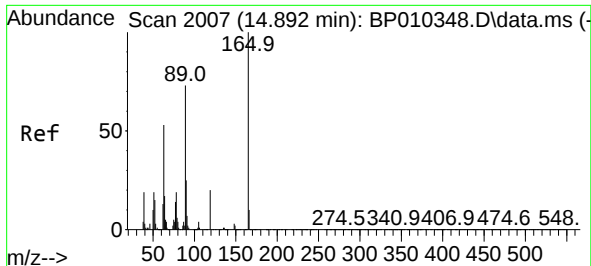
Tgt Ion:109 Resp: 114283
Ion Ratio Lower Upper
109 100
139 119.4 61.4 92.2#
65 135.4 65.3 97.9#



#56
Dibenzofuran
Concen: 19.022 ng/ul
RT: 14.940 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:168 Resp: 914381
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 19.157 ng/ul

RT: 14.904 min Scan# 2007

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

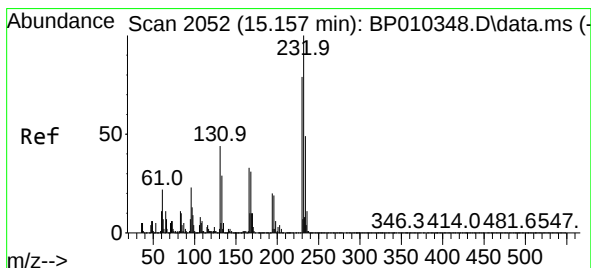
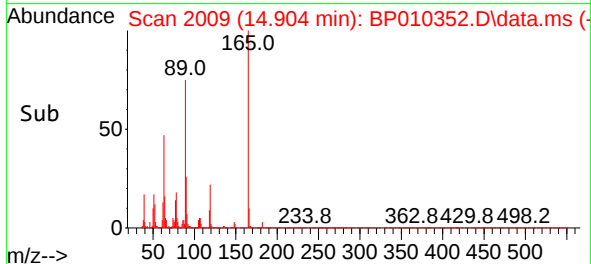
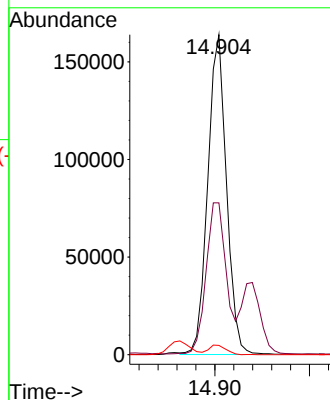
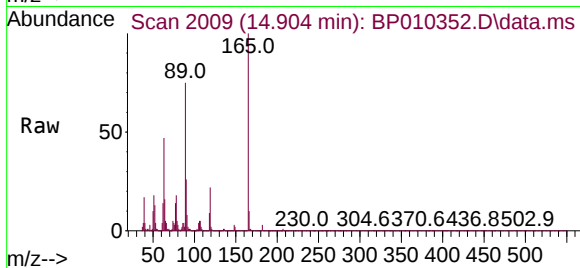
Tgt Ion:165 Resp: 224704

Ion Ratio Lower Upper

165 100

63 47.4 29.5 44.3#

182 2.9 2.8 4.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.188 ng/ul

RT: 15.169 min Scan# 2054

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Tgt Ion:232 Resp: 191673

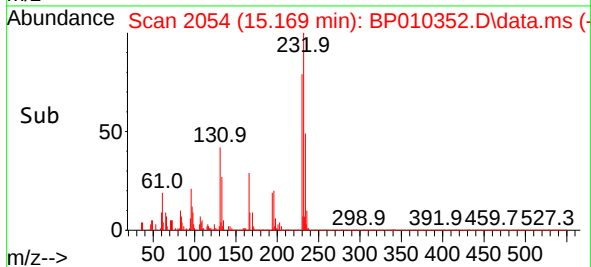
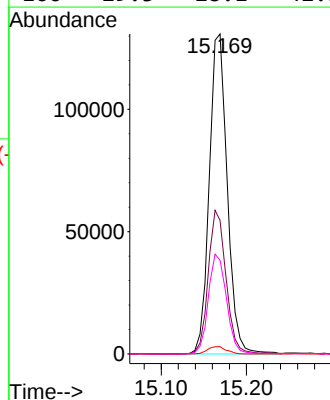
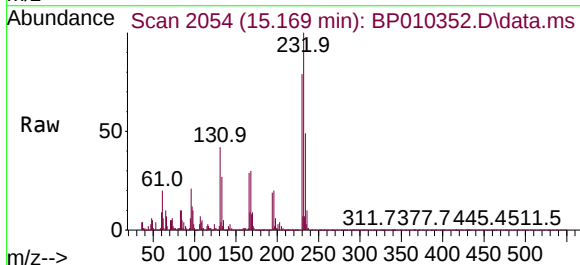
Ion Ratio Lower Upper

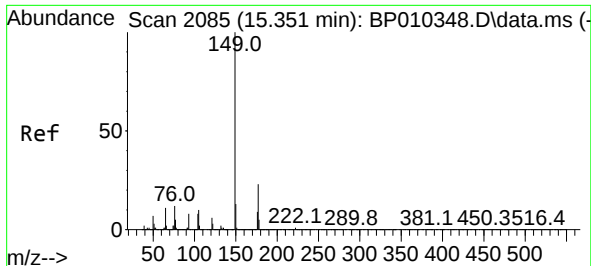
232 100

131 41.8 25.4 38.2#

130 2.3 4.2 6.2#

166 29.3 28.1 42.1

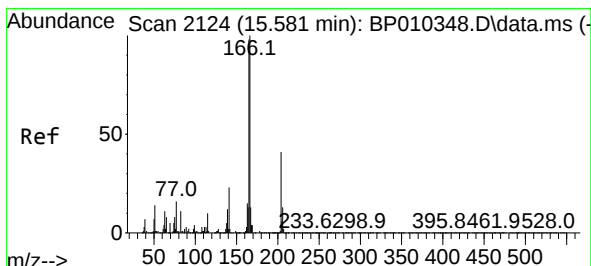
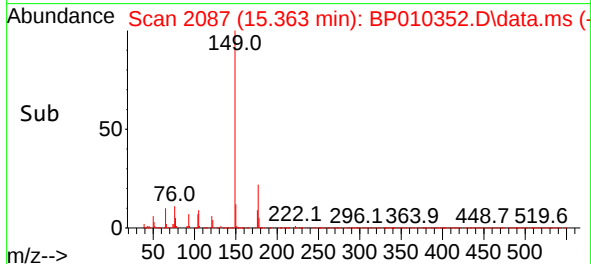
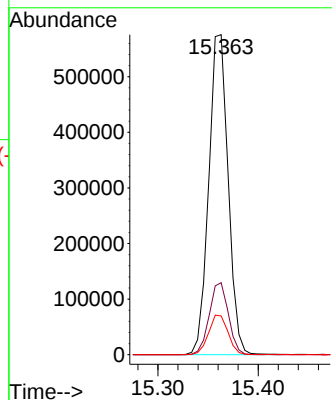
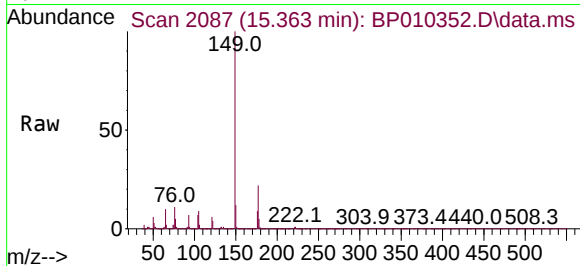




#59
Diethylphthalate
Concen: 19.026 ng/ul
RT: 15.363 min Scan# 2085
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

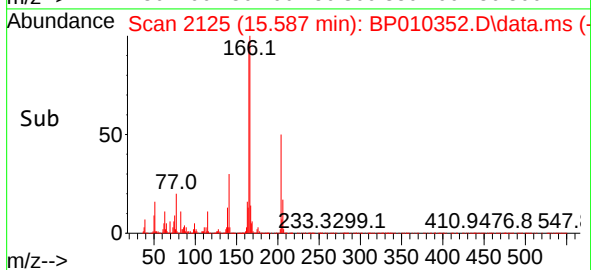
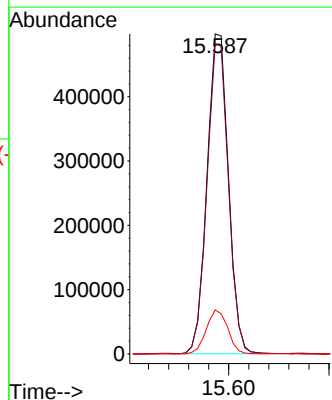
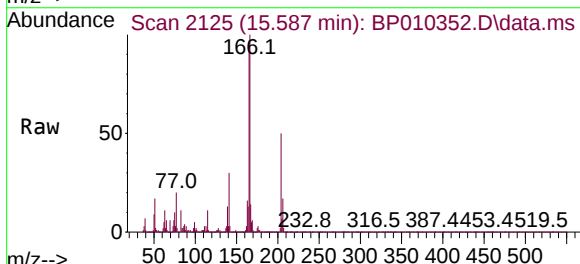
Instrument :
BNA_P
ClientSampleId :
SICV644

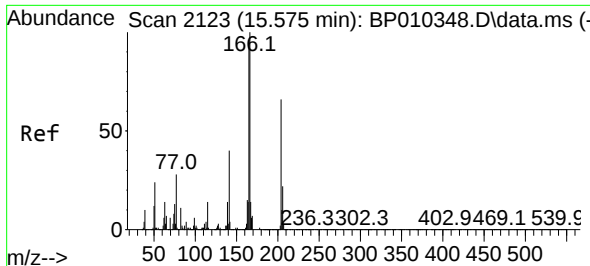
Tgt Ion:149 Resp: 775991
Ion Ratio Lower Upper
149 100
177 22.5 22.0 33.0
150 12.1 10.2 15.2



#61
Fluorene
Concen: 18.828 ng/ul
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:166 Resp: 740168
Ion Ratio Lower Upper
166 100
165 97.0 70.3 105.5
167 13.7 9.5 14.3

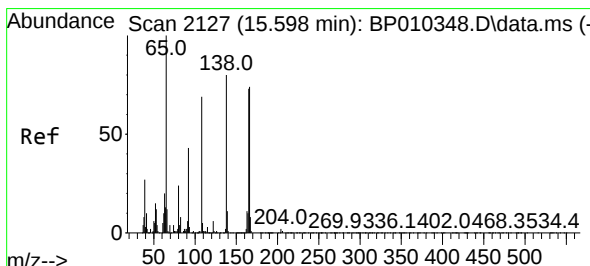
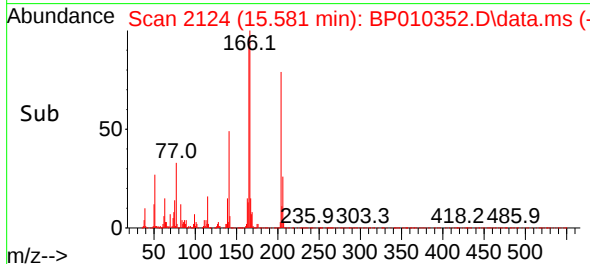
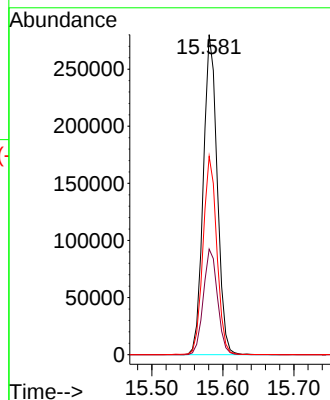
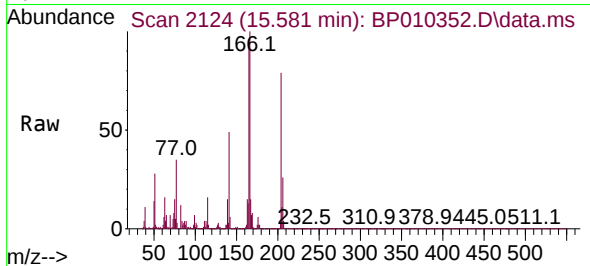




#62
4-Chlorophenyl-phenylether
Concen: 18.676 ng/ul
RT: 15.581 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

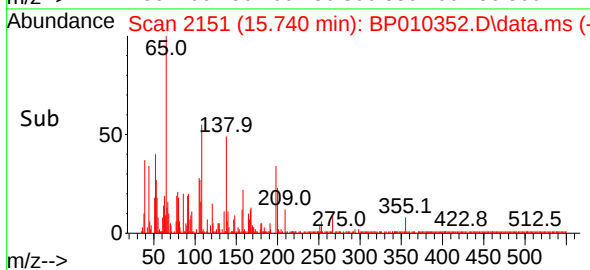
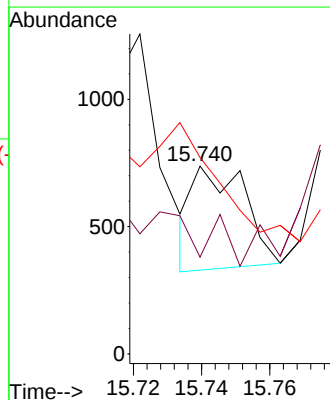
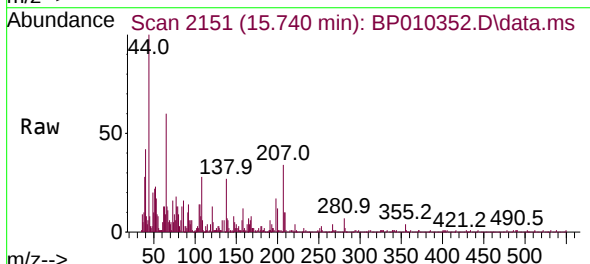
Instrument :
BNA_P
ClientSampleId :
SICV644

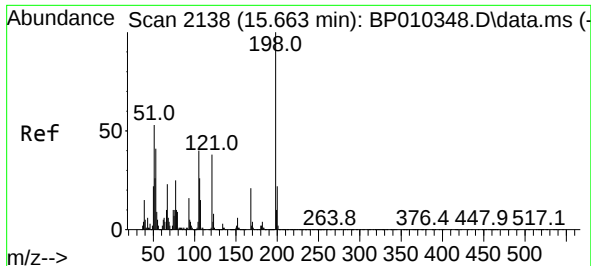
Tgt Ion:204 Resp: 381901
Ion Ratio Lower Upper
204 100
206 33.0 27.6 41.4
141 62.0 46.6 69.8



#63
4-Nitroaniline
Concen: 0.056 ng/ul
RT: 15.740 min Scan# 2151
Delta R.T. 0.141 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:138 Resp: 426
Ion Ratio Lower Upper
138 100
92 51.5 41.6 62.4
108 104.6 97.6 146.4

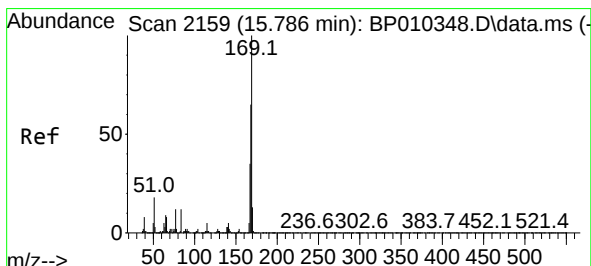
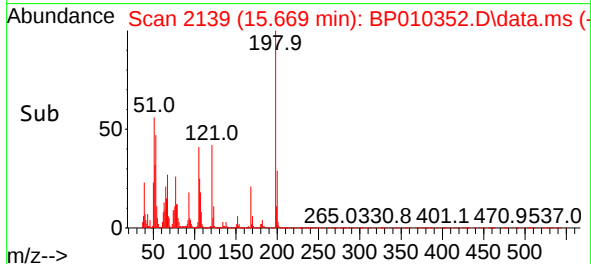
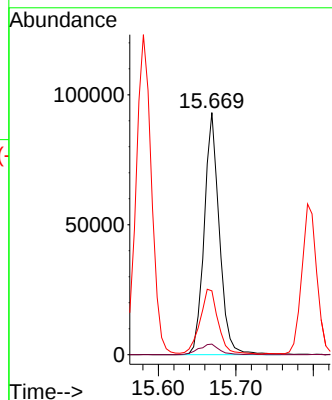
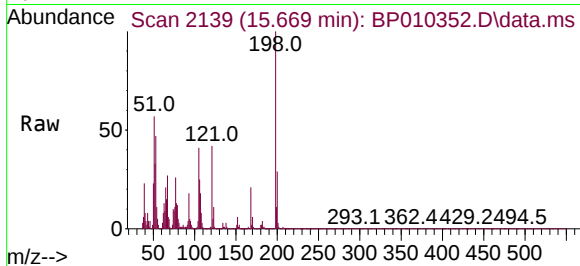




#66
4,6-Dinitro-2-methylphenol
Concen: 18.433 ng/ul
RT: 15.669 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

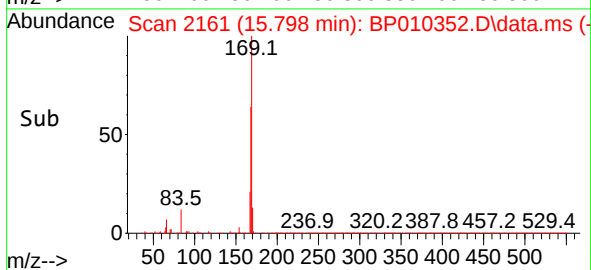
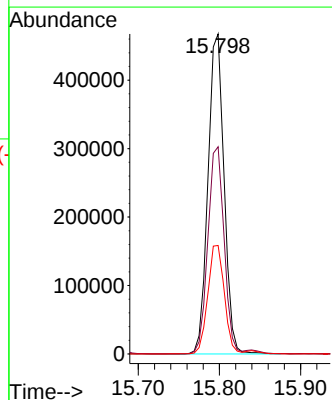
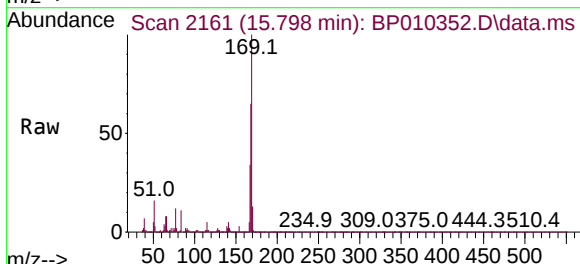
Instrument :
BNA_P
ClientSampleId :
SICV644

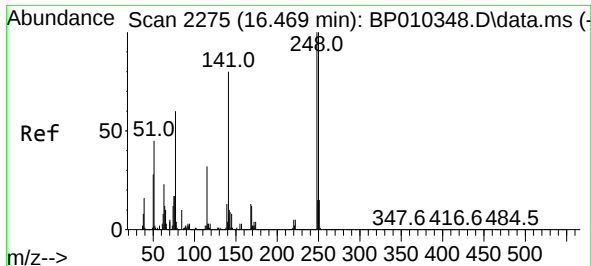
Tgt Ion:198 Resp: 126298
Ion Ratio Lower Upper
198 100
182 4.4 6.0 9.0#
77 26.3 17.7 26.5



#67
N-Nitrosodiphenylamine
Concen: 19.494 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:169 Resp: 642219
Ion Ratio Lower Upper
169 100
168 64.8 48.3 72.5
167 33.9 29.6 44.4

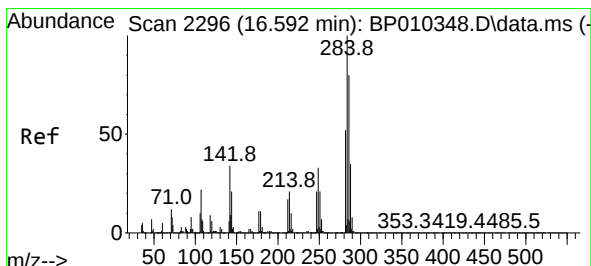
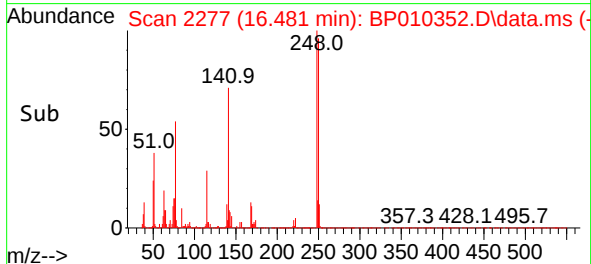
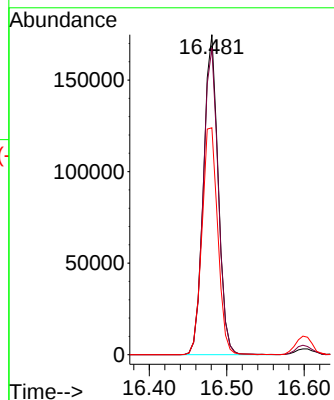
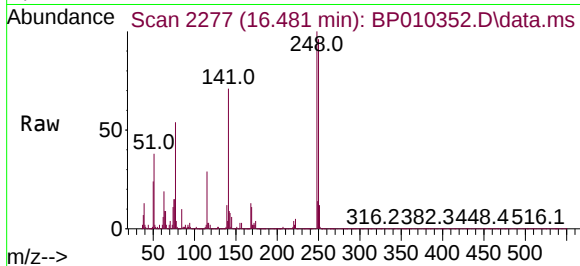




#68
4-Bromophenyl-phenylether
Concen: 19.034 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

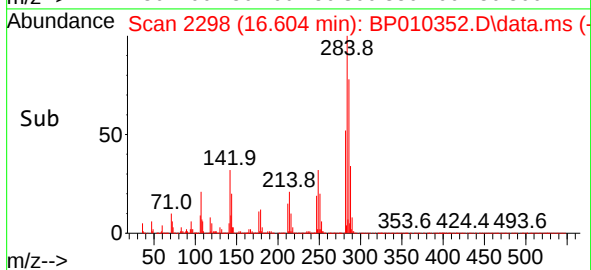
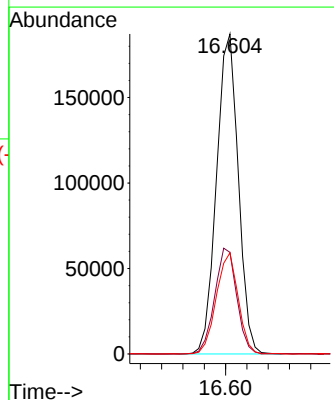
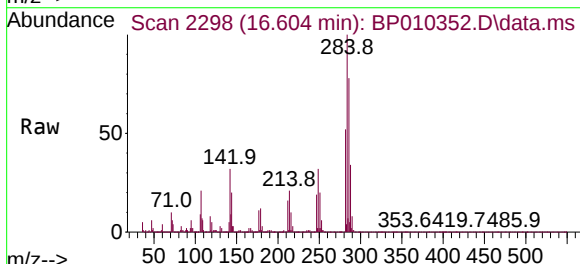
Instrument :
BNA_P
ClientSampleId :
SICV644

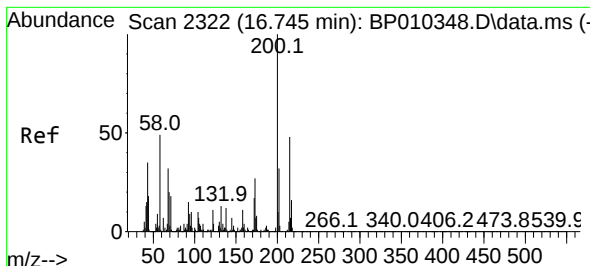
Tgt Ion:248 Resp: 230280
Ion Ratio Lower Upper
248 100
250 95.8 79.4 119.0
141 70.9 67.2 100.8



#69
Hexachlorobenzene
Concen: 19.073 ng/ul
RT: 16.604 min Scan# 2298
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:284 Resp: 265431
Ion Ratio Lower Upper
284 100
142 31.7 19.2 28.8#
249 31.6 27.4 41.2





#70

Atrazine

Concen: 18.486 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

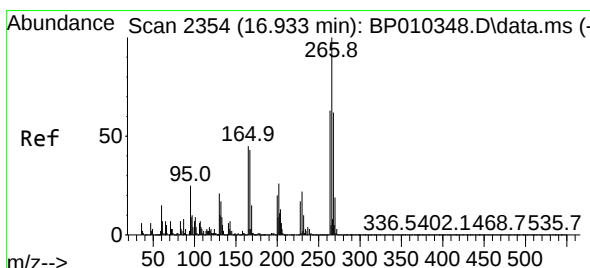
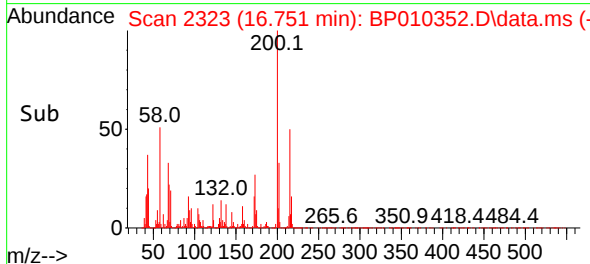
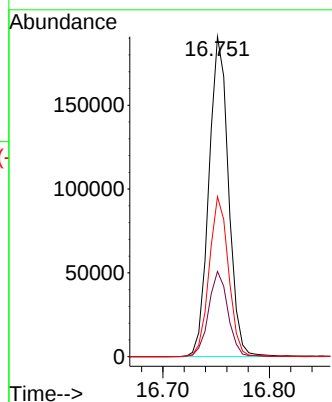
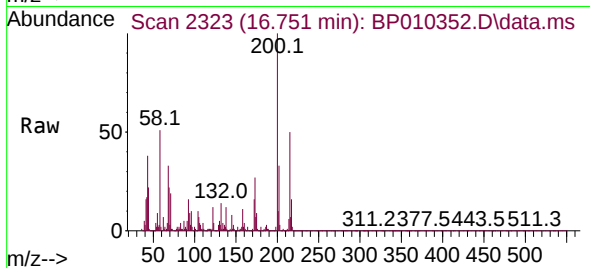
Tgt Ion:200 Resp: 243973

Ion Ratio Lower Upper

200 100

173 26.6 19.2 28.8

215 50.0 32.2 48.4#



#71

Pentachlorophenol

Concen: 17.971 ng/ul

RT: 16.945 min Scan# 2356

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

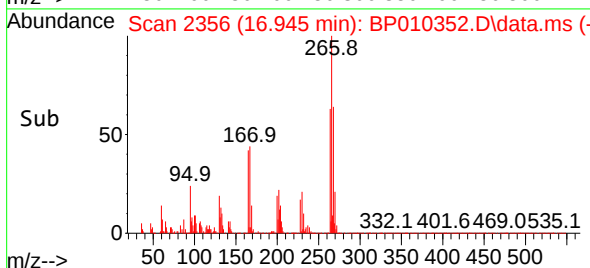
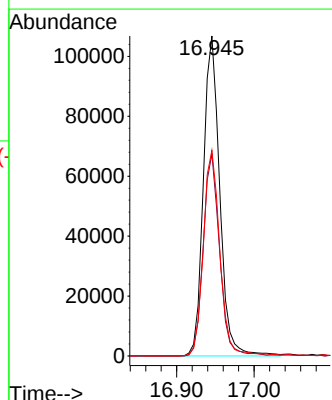
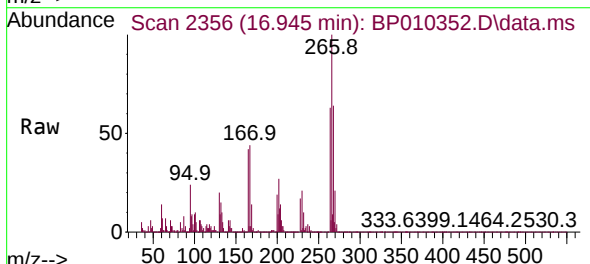
Tgt Ion:266 Resp: 156923

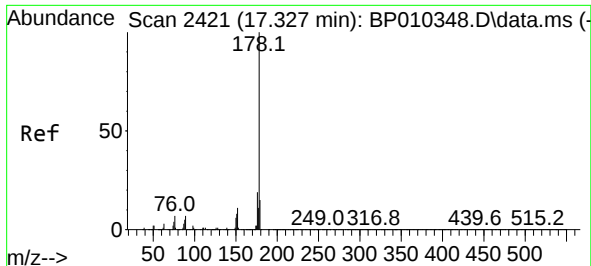
Ion Ratio Lower Upper

266 100

264 63.2 57.3 85.9

268 64.3 65.7 98.5#

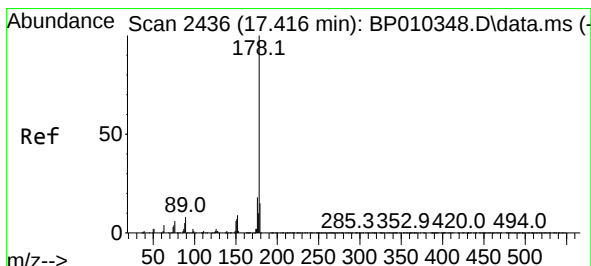
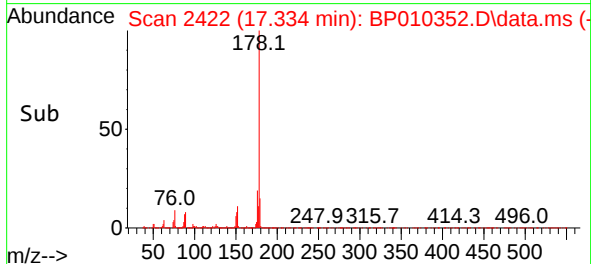
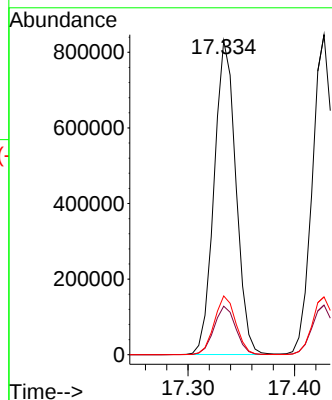
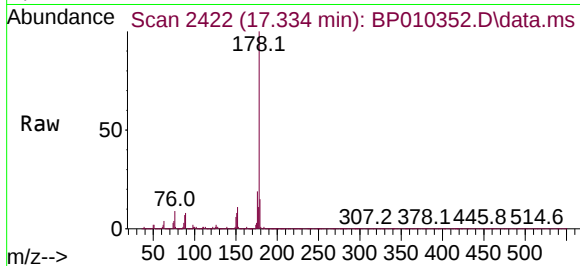




#72
Phenanthrene
Concen: 18.787 ng/ul
RT: 17.334 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

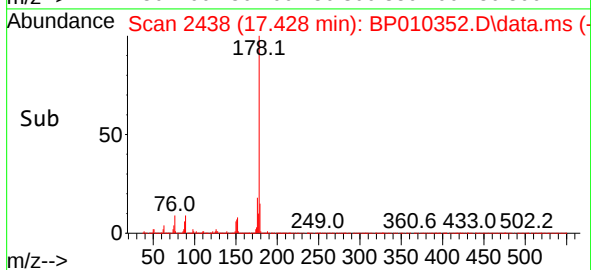
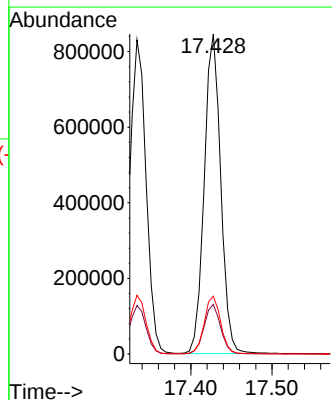
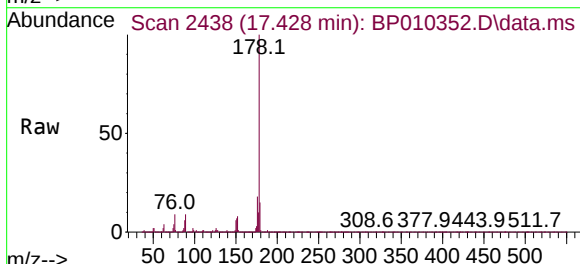
Instrument :
BNA_P
ClientSampleId :
SICV644

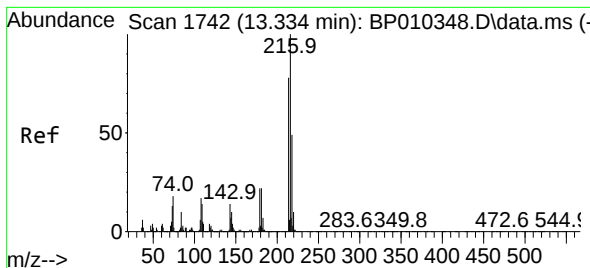
Tgt Ion:178 Resp: 1177811
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 18.7 14.5 21.7



#74
Anthracene
Concen: 18.918 ng/ul
RT: 17.428 min Scan# 2438
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:178 Resp: 1189808
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.0 13.4 20.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.159 ng/uL

RT: 13.340 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

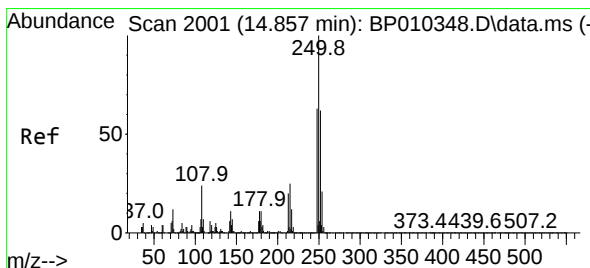
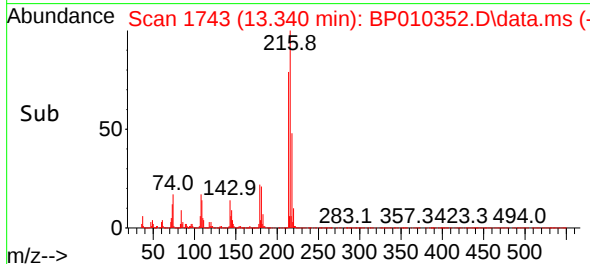
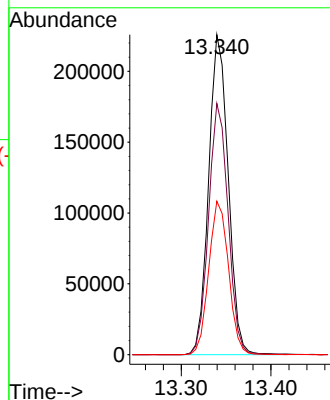
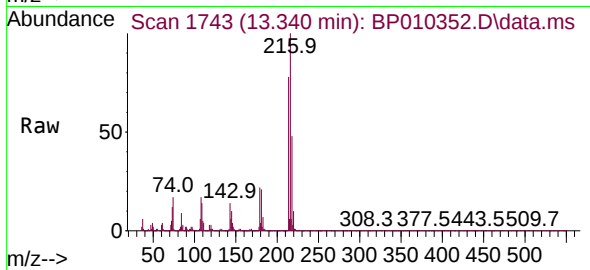
Tgt Ion:216 Resp: 342058

Ion Ratio Lower Upper

216 100

214 78.5 50.4 75.6#

218 48.0 35.2 52.8



#76

Pentachlorobenzene

Concen: 19.573 ng/uL

RT: 14.863 min Scan# 2002

Delta R.T. 0.006 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

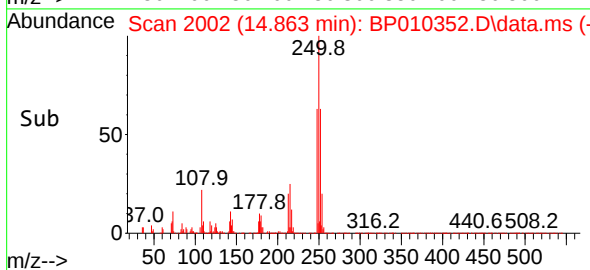
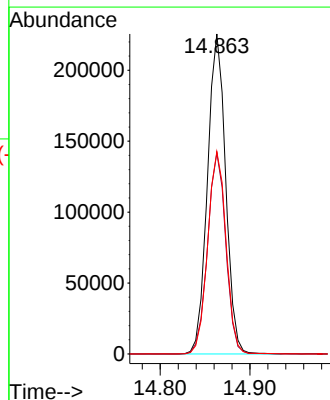
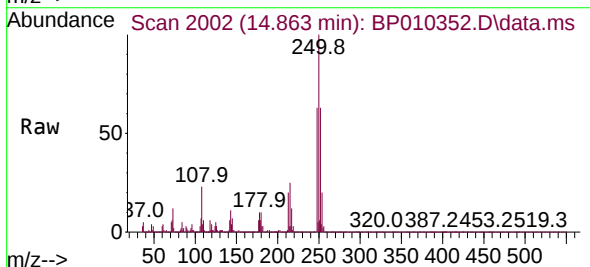
Tgt Ion:250 Resp: 317061

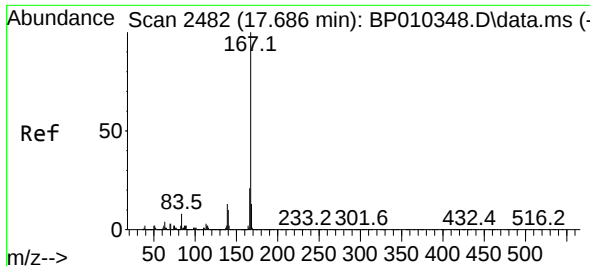
Ion Ratio Lower Upper

250 100

248 62.8 43.5 65.3

252 63.2 46.5 69.7

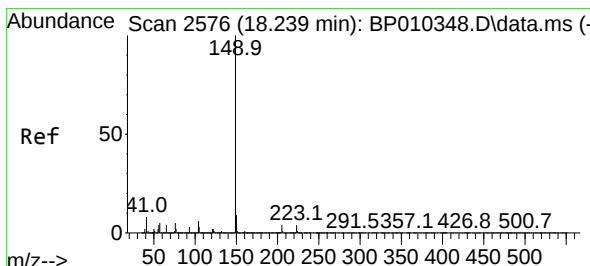
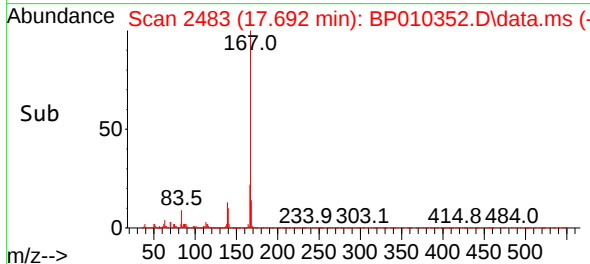
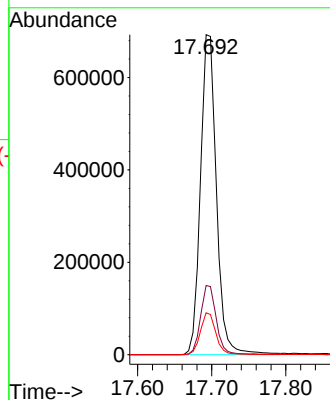
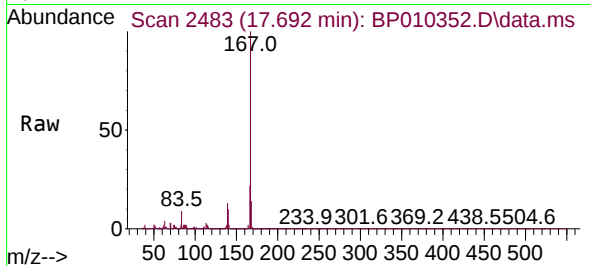




#77
Carbazole
Concen: 18.739 ng/ul
RT: 17.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

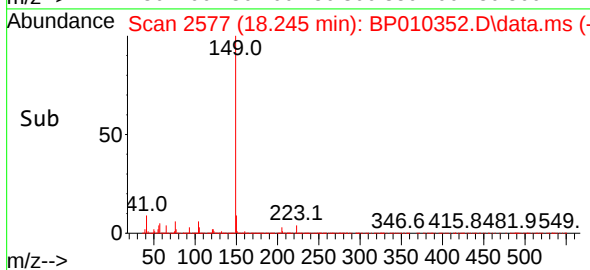
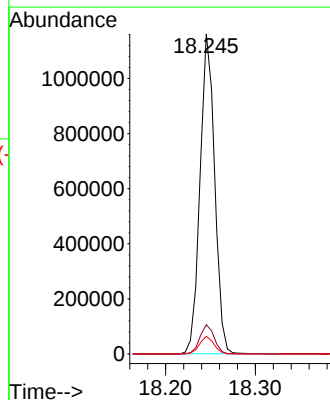
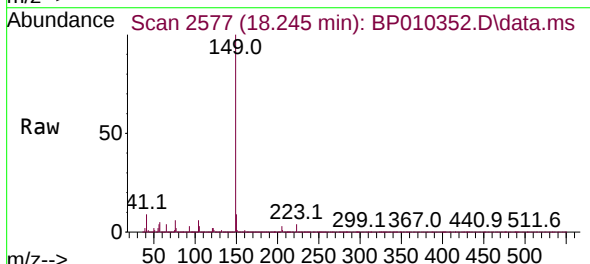
Instrument :
BNA_P
ClientSampleId :
SICV644

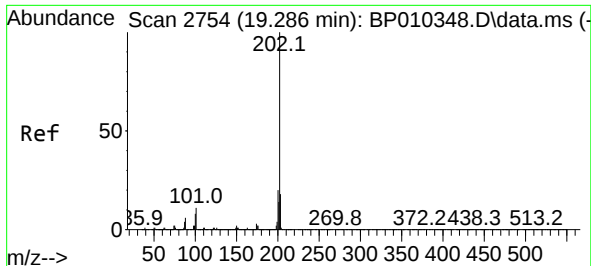
Tgt Ion:167 Resp: 1035770
Ion Ratio Lower Upper
167 100
166 21.6 15.8 23.8
139 13.1 8.3 12.5#



#78
Di-n-butylphthalate
Concen: 19.539 ng/ul
RT: 18.245 min Scan# 2577
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:149 Resp: 1315379
Ion Ratio Lower Upper
149 100
150 9.2 9.6 14.4#
104 5.5 6.2 9.4#

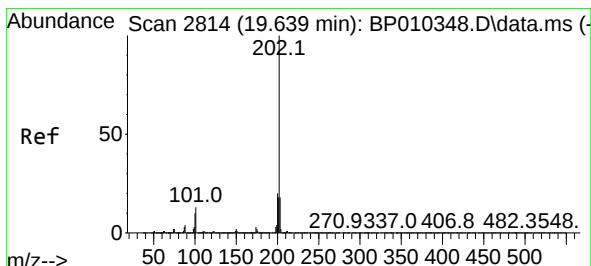
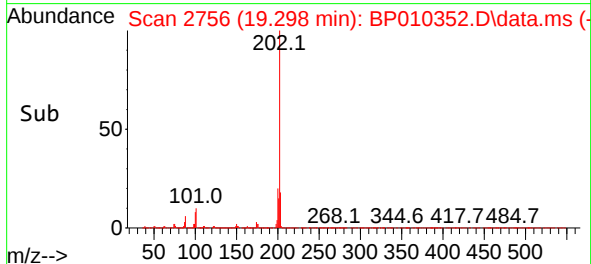
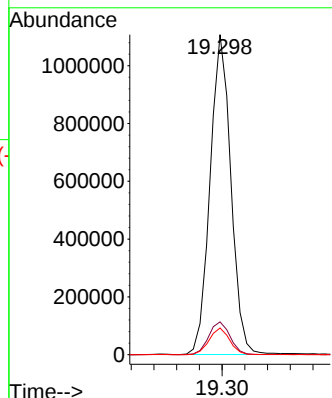
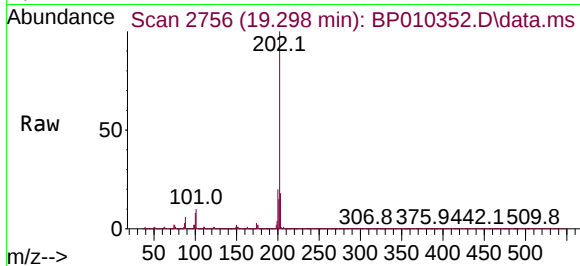




#80
Fluoranthene
Concen: 20.176 ng/ul
RT: 19.298 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

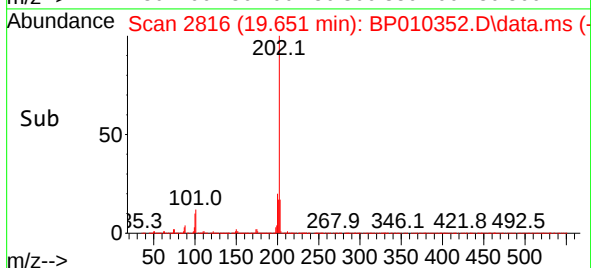
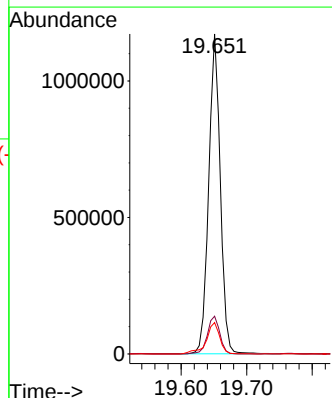
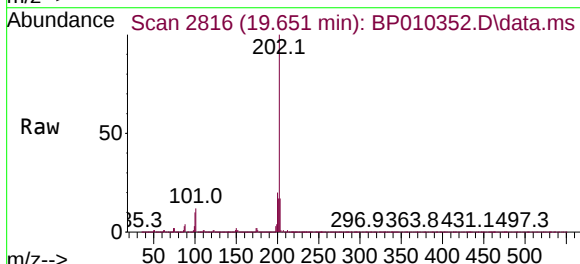
Instrument :
BNA_P
ClientSampleId :
SICV644

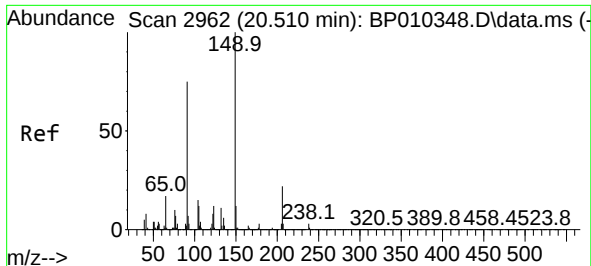
Tgt Ion:202 Resp: 1410242
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 8.3 6.3 9.5



#82
Pyrene
Concen: 19.774 ng/ul
RT: 19.651 min Scan# 2816
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:202 Resp: 1442402
Ion Ratio Lower Upper
202 100
101 11.8 10.6 15.8
100 9.8 9.8 14.6

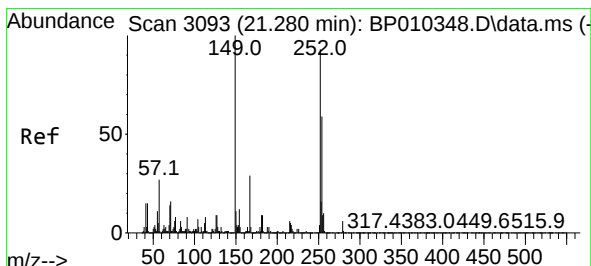
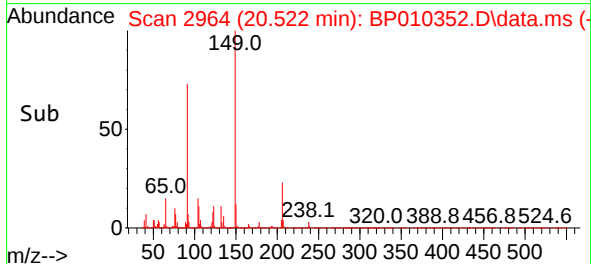
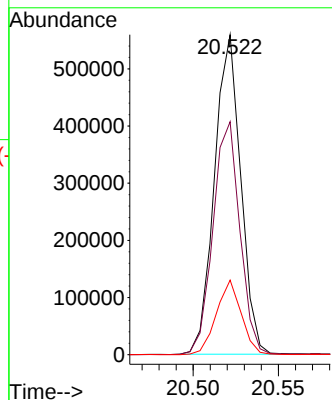
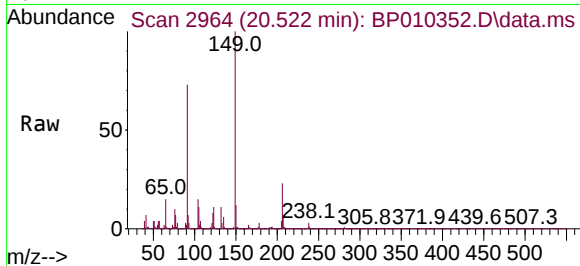




#83
Butylbenzylphthalate
Concen: 20.572 ng/ul
RT: 20.522 min Scan# 2964
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

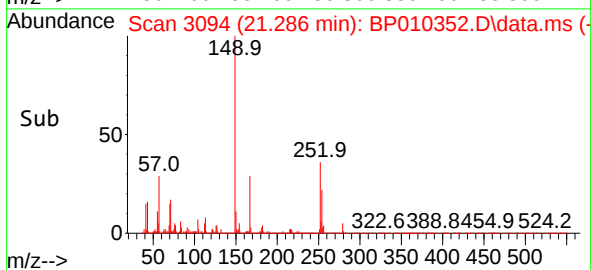
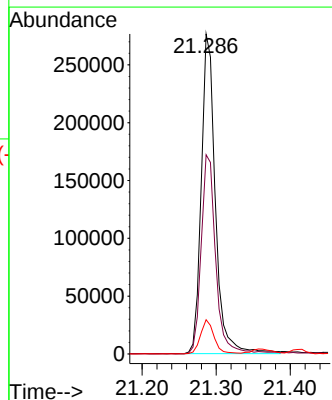
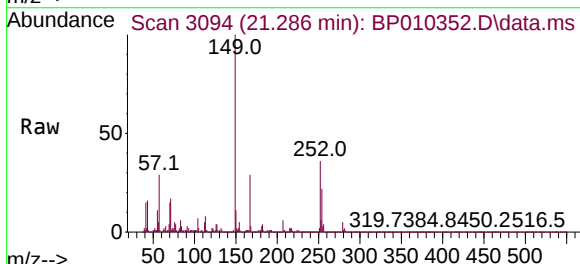
Instrument :
BNA_P
ClientSampleId :
SICV644

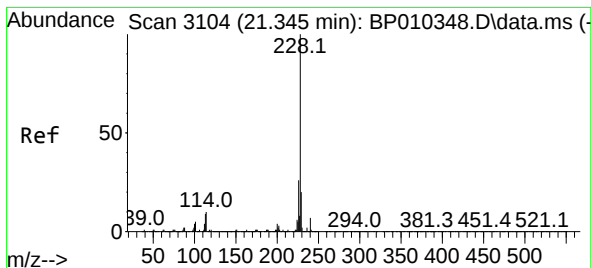
Tgt Ion:149 Resp: 600059
Ion Ratio Lower Upper
149 100
91 72.8 71.1 106.7
206 23.3 28.8 43.2#



#84
3,3'-Dichlorobenzidine
Concen: 16.096 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.006 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:252 Resp: 366415
Ion Ratio Lower Upper
252 100
254 62.3 49.8 74.6
126 10.7 4.3 6.5#





#85

Benzo(a)anthracene

Concen: 19.439 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

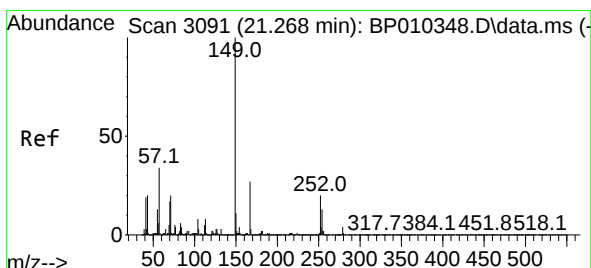
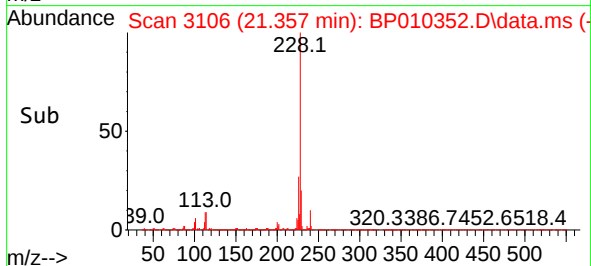
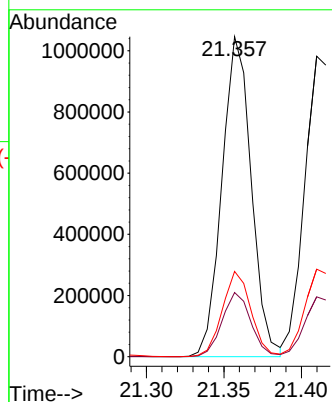
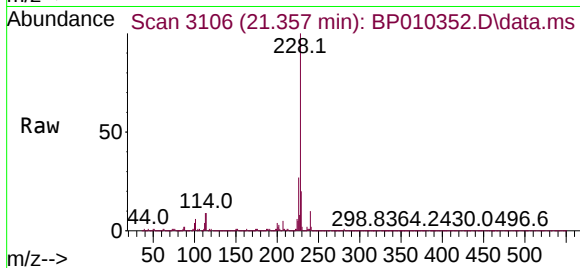
Tgt Ion:228 Resp: 1376753

Ion Ratio Lower Upper

228 100

229 20.1 18.2 27.2

226 26.7 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.603 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

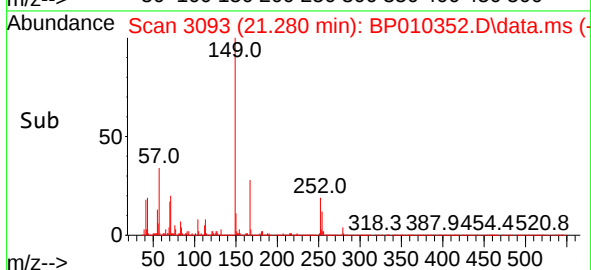
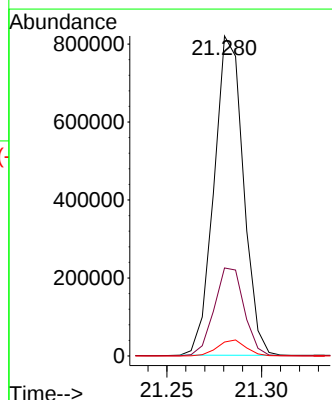
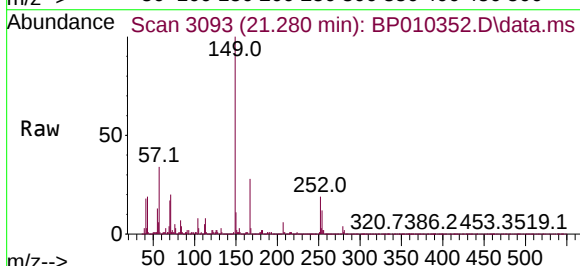
Tgt Ion:149 Resp: 881841

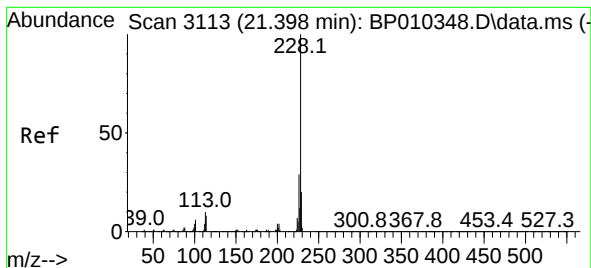
Ion Ratio Lower Upper

149 100

167 27.5 32.8 49.2#

279 4.4 5.6 8.4#





#87

Chrysene

Concen: 19.322 ng/ul

RT: 21.410 min Scan# 3113

Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

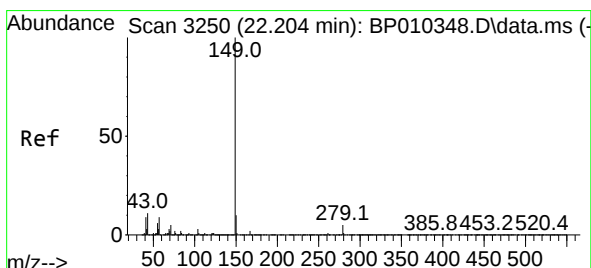
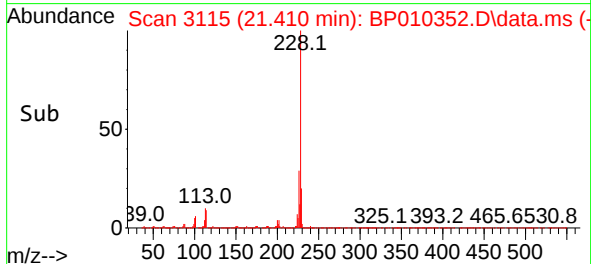
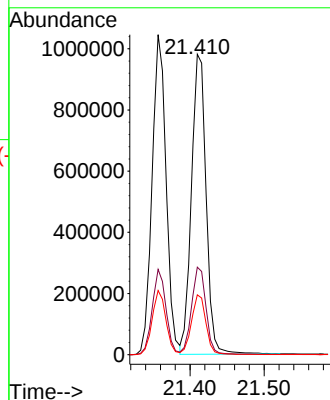
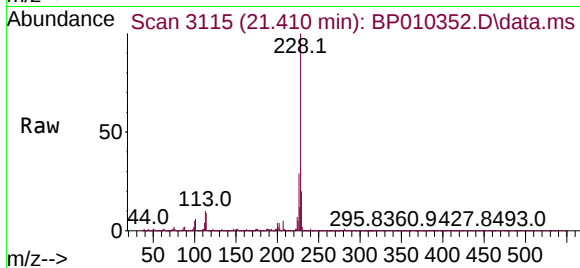
Tgt Ion:228 Resp: 1346074

Ion Ratio Lower Upper

228 100

226 29.1 22.7 34.1

229 19.9 15.2 22.8



#89

Di-n-octyl phthalate

Concen: 20.700 ng/ul

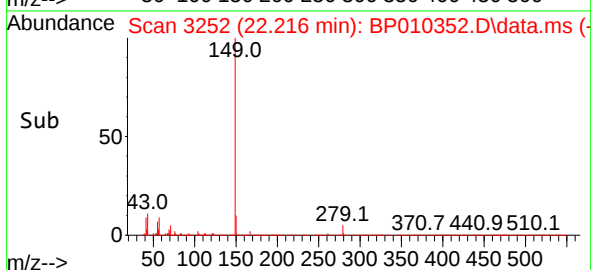
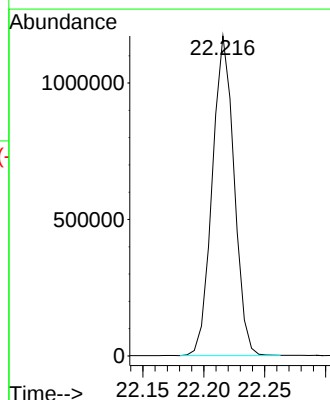
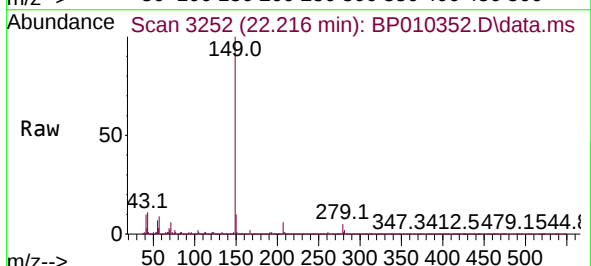
RT: 22.216 min Scan# 3252

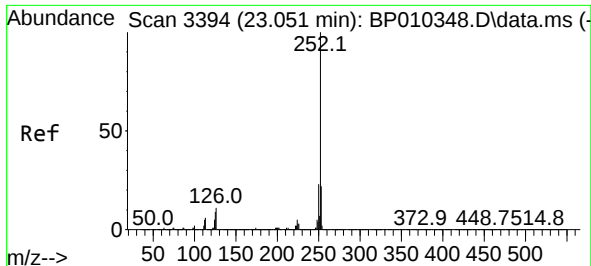
Delta R.T. 0.012 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Tgt Ion:149 Resp: 1464361

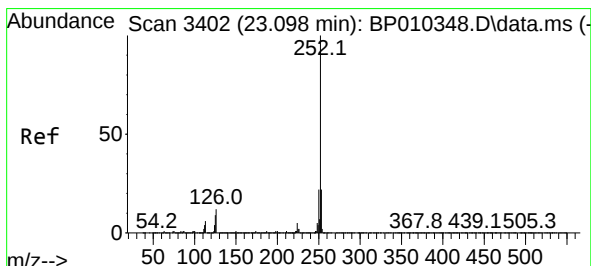
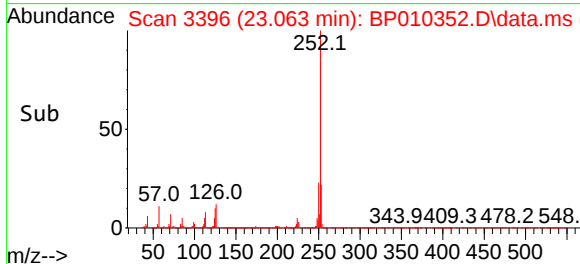
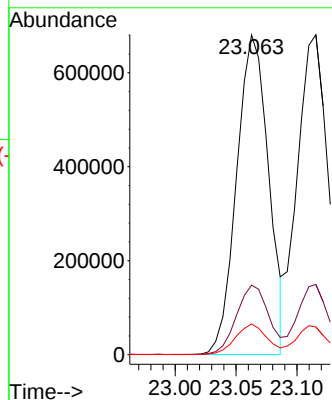
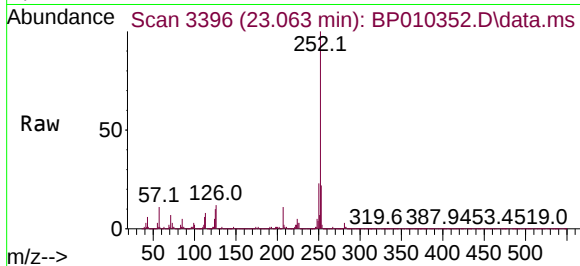




#90
Benzo(b)fluoranthene
Concen: 19.751 ng/ul
RT: 23.063 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

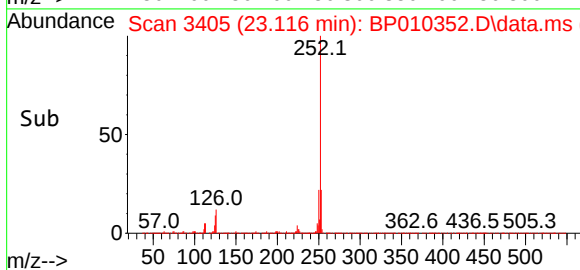
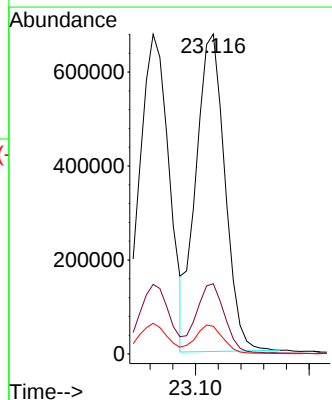
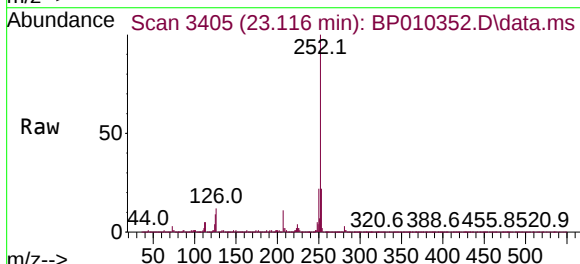
Instrument :
BNA_P
ClientSampleId :
SICV644

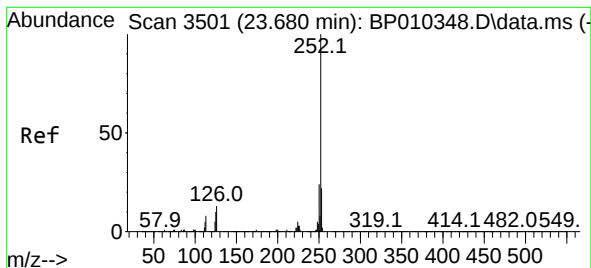
Tgt Ion:252 Resp: 1241410
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.6 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 20.034 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. 0.018 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:252 Resp: 1196756
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.7 5.1 7.7#





#93

Benzo(a)pyrene

Concen: 19.821 ng/ul

RT: 23.698 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

Instrument :

BNA_P

ClientSampleId :

SICV644

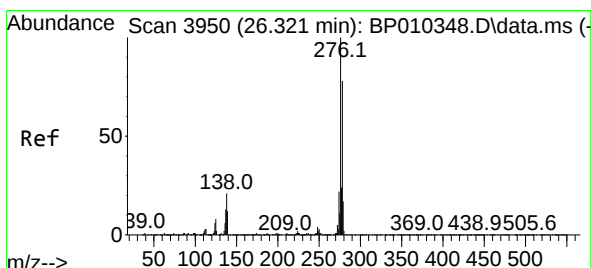
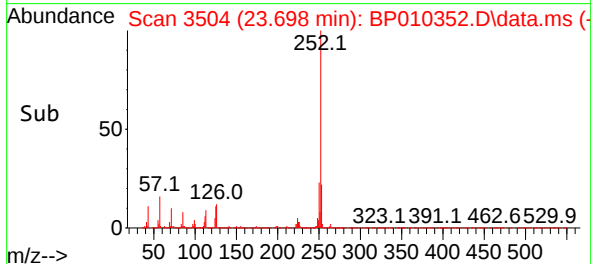
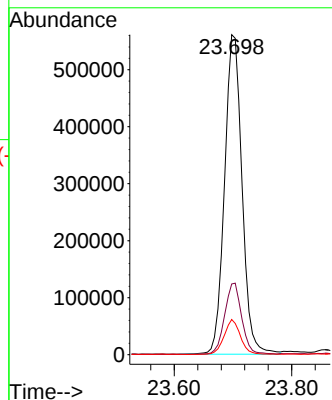
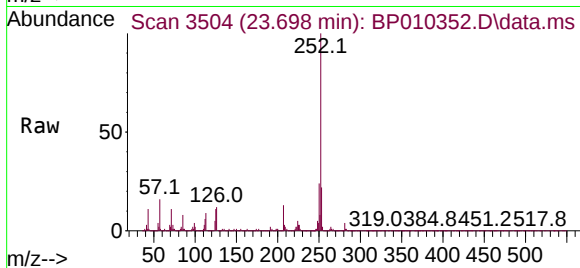
Tgt Ion:252 Resp: 1157433

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.0 6.4 9.6#



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.013 ng/ul

RT: 26.345 min Scan# 3954

Delta R.T. 0.024 min

Lab File: BP010352.D

Acq: 13 May 2022 15:14

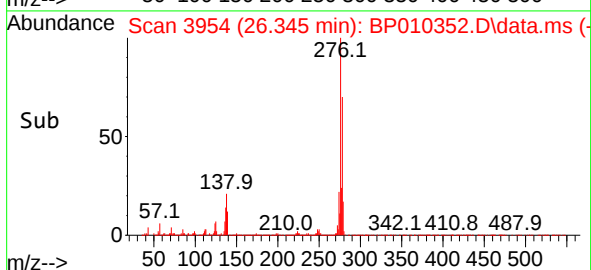
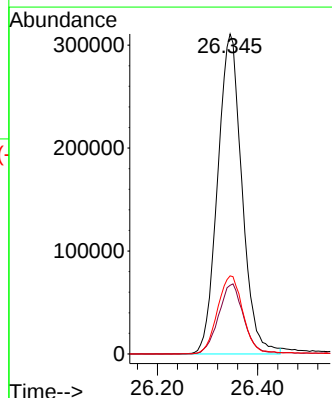
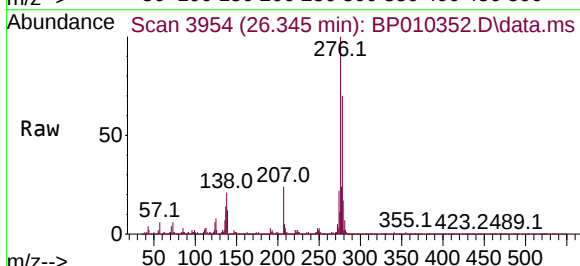
Tgt Ion:276 Resp: 1044518

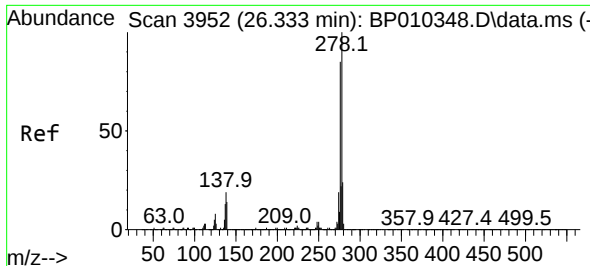
Ion Ratio Lower Upper

276 100

138 21.5 12.3 18.5#

277 24.4 19.3 28.9

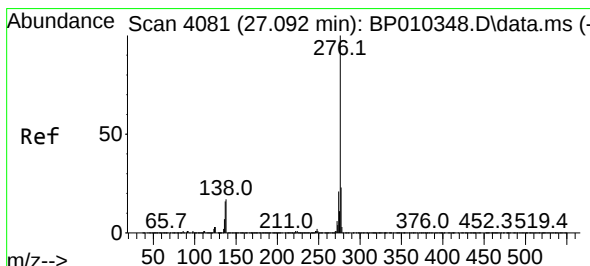
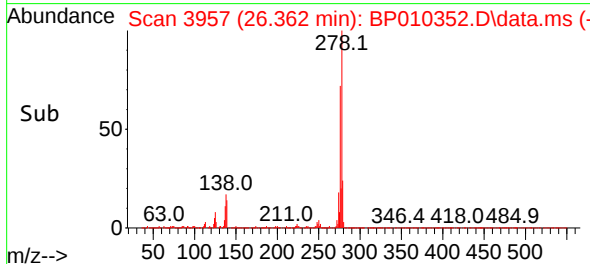
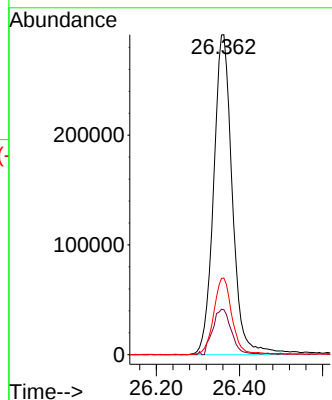
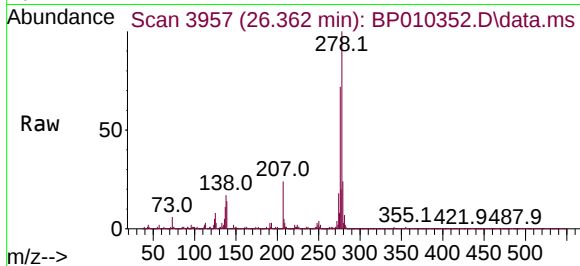




#95
Dibenzo(a,h)anthracene
Concen: 19.048 ng/ul
RT: 26.362 min Scan# 3952
Delta R.T. 0.030 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Instrument :
BNA_P
ClientSampleId :
SICV644

Tgt Ion:278 Resp: 907981
Ion Ratio Lower Upper
278 100
139 14.1 6.6 10.0#
279 24.0 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 19.168 ng/ul
RT: 27.121 min Scan# 4086
Delta R.T. 0.030 min
Lab File: BP010352.D
Acq: 13 May 2022 15:14

Tgt Ion:276 Resp: 879284
Ion Ratio Lower Upper
276 100
138 18.9 11.6 17.4#
277 23.9 15.9 23.9#

