

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
 Data File : BP010354.D
 Acq On : 16 May 2022 12:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

Quant Time: May 16 23:20:30 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	7.899	152	106650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	476202	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	330733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	746178	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	782541	20.000	ng/ul	# 0.00
88) Perylene-d12	23.792	264	688413	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	53	0.021	ng/uL	-0.04
4) Pyridine-d5	3.764	84	149077	20.984	ng/ul	0.00
7) Phenol-d5	7.064	99	173695	19.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	124189	20.649	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	142896	20.862	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	151290	19.888	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	75570	20.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	79585	20.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	151288	20.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	218352	19.885	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	510794	20.962	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	588240	20.929	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	82965	19.129	ng/ul	0.00
60) Fluorene-d10	15.522	176	450062	21.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	81826	18.750	ng/ul	0.00
73) Anthracene-d10	17.381	188	703633	20.825	ng/ul	0.00
81) Pyrene-d10	19.616	212	863125	20.769	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	732772	21.198	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	22416	8.648	ng/ul#	21
5) Pyridine	3.781	79	149582	20.260	ng/ul#	25
6) Benzaldehyde	7.040	77	116983	24.721	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.322	93	155880	20.530	ng/ul#	72
12) 2-Chlorophenol	7.464	128	151167	21.141	ng/ul	96
13) 2-Methylphenol	8.346	108	144671	20.068	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	269257	21.759	ng/ul#	81
16) Acetophenone	8.722	105	251526	21.044	ng/ul#	75
17) N-Nitroso-di-n-propyla...	8.711	70	135901	21.245	ng/ul#	67
18) 4-Methylphenol	8.669	108	163306	20.496	ng/ul	93
19) Hexachloroethane	8.981	117	66273	21.310	ng/ul	82
22) Nitrobenzene	9.099	77	198968	20.544	ng/ul#	79
23) Isophorone	9.628	82	367342	20.520	ng/ul#	97
25) 2-Nitrophenol	9.811	139	88058	20.533	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.111	93	220467	20.684	ng/ul#	97
29) 2,4-Dichlorophenol	10.352	162	156860	20.774	ng/ul#	83
30) Naphthalene	10.752	128	513664	20.652	ng/ul	97
32) 4-Chloroaniline	10.863	127	222282	20.397	ng/ul	99
33) Hexachlorobutadiene	11.040	225	113086	21.136	ng/ul	96
34) Caprolactam	11.634	113	50022	18.983	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.987	107	182840	20.700	ng/ul#	72
36) 2-Methylnaphthalene	12.357	142	363000	20.615	ng/ul	92
37) 1-Methylnaphthalene	12.581	142	366925	20.638	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.728	216	208929	20.701	ng/ul#	92

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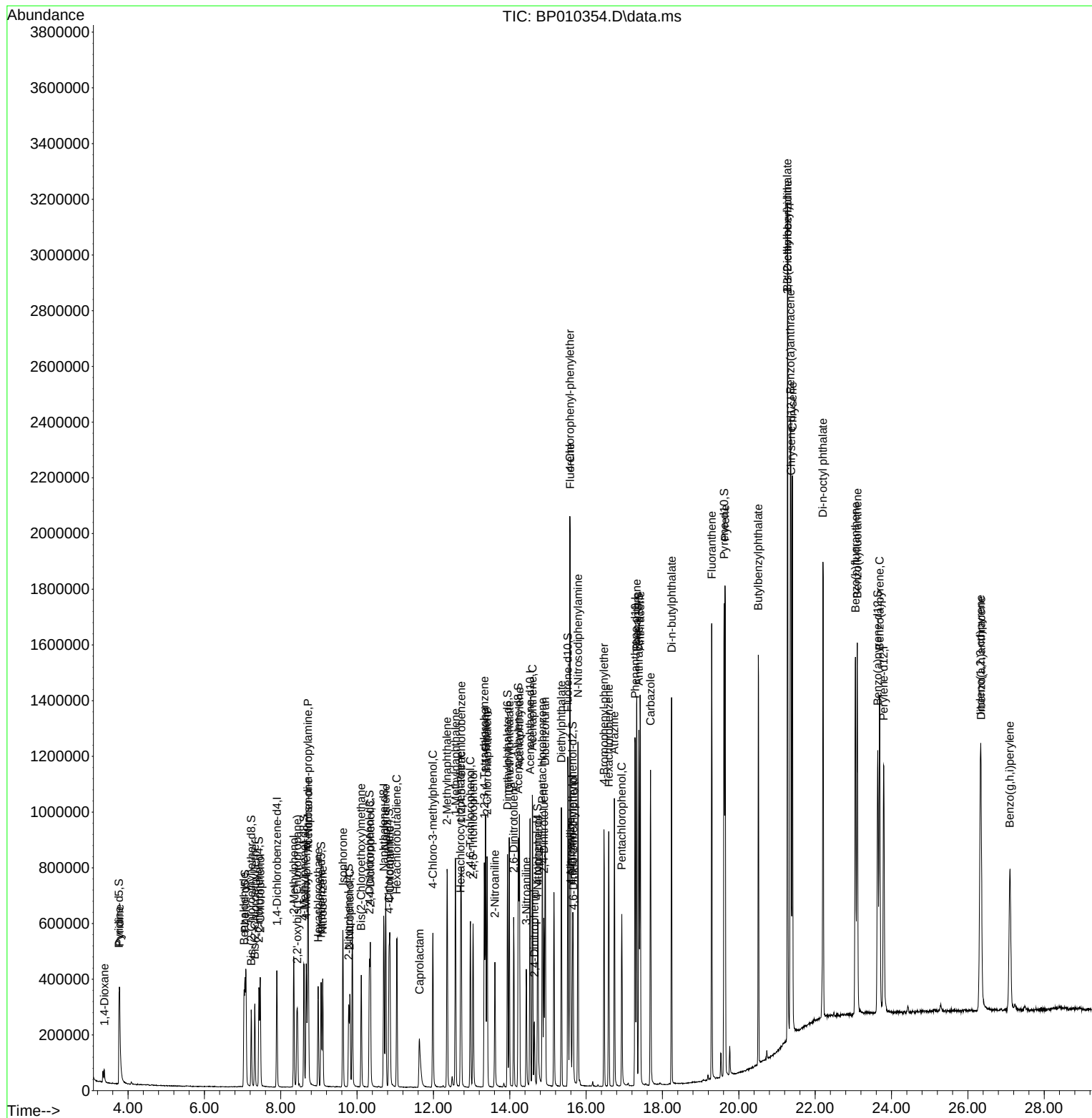
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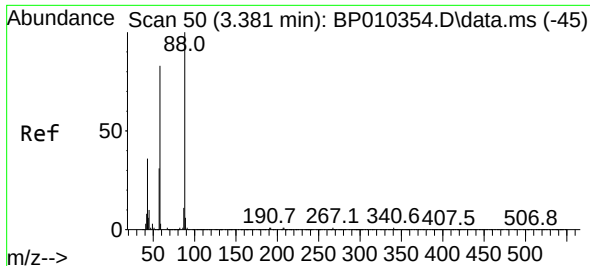
Quant Time: May 16 23:20:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.710	237	106598	19.427	ng/ul	95
41) 2,4,6-Trichlorophenol	12.969	196	131066	20.833	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.040	196	142412	20.273	ng/ul#	86
43) 1,1'-Biphenyl	13.369	154	507604	20.910	ng/ul	92
44) 2-Chloronaphthalene	13.410	162	393609	20.993	ng/ul	94
45) 2-Nitroaniline	13.610	65	128394	20.807	ng/ul#	72
47) Dimethylphthalate	13.987	163	505249	20.903	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	103482	21.002	ng/ul	98
50) Acenaphthylene	14.251	152	637116	20.954	ng/ul	96
51) 3-Nitroaniline	14.434	138	91826	19.857	ng/ul#	84
52) Acenaphthene	14.593	153	415918	20.968	ng/ul	97
53) 2,4-Dinitrophenol	14.646	184	45989	16.718	ng/ul#	79
55) 4-Nitrophenol	14.740	109	78781	20.428	ng/ul#	48
56) Dibenzofuran	14.928	168	617319	21.236	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	150598	21.232	ng/ul#	73
59) Diethylphthalate	15.351	149	515031	20.882	ng/ul	93
61) Fluorene	15.581	166	507987	21.369	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.575	204	264112	21.358	ng/ul	98
63) 4-Nitroaniline	15.598	138	93269	20.426	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.663	198	82441	18.943	ng/ul#	90
67) N-Nitrosodiphenylamine	15.787	169	436733	20.870	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	158279	20.597	ng/ul	96
69) Hexachlorobenzene	16.593	284	181103	20.488	ng/ul#	89
70) Atrazine	16.740	200	167637	19.997	ng/ul	91
71) Pentachlorophenol	16.934	266	103565	18.673	ng/ul#	82
72) Phenanthrene	17.328	178	829912	20.841	ng/ul	99
74) Anthracene	17.416	178	833551	20.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	228471	20.147	ng/uL#	88
76) Pentachlorobenzene	14.851	250	213688	20.769	ng/uL	91
77) Carbazole	17.687	167	714685	20.356	ng/ul#	95
78) Di-n-butylphthalate	18.239	149	888865	20.787	ng/ul#	93
80) Fluoranthene	19.292	202	1011301	20.940	ng/ul	96
82) Pyrene	19.639	202	1048813	20.810	ng/ul	96
83) Butylbenzylphthalate	20.510	149	412760	20.481	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.281	252	318309	20.238	ng/ul#	95
85) Benzo(a)anthracene	21.351	228	1012385	20.688	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.275	149	607053	20.527	ng/ul#	81
87) Chrysene	21.404	228	1009720	20.977	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1054023	20.410	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	988174	21.536	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	918868	21.070	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	907583	21.289	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	824551	20.559	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.345	278	705608	20.276	ng/ul#	95
96) Benzo(g,h,i)perylene	27.098	276	688140	20.549	ng/ul#	89

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

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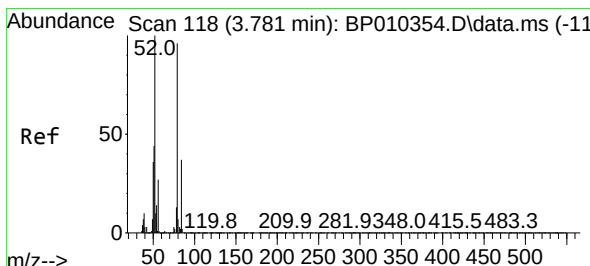
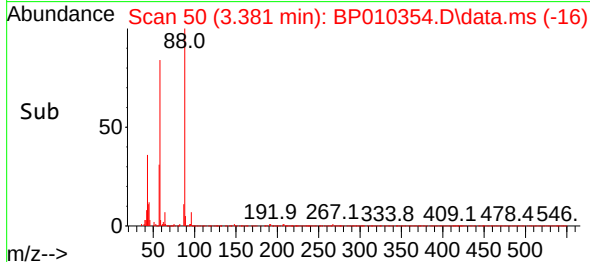
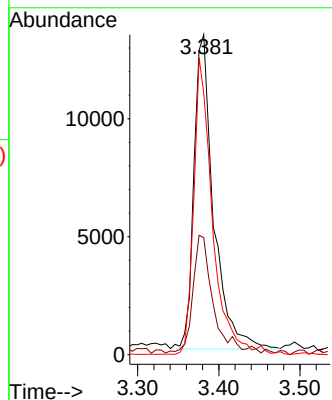
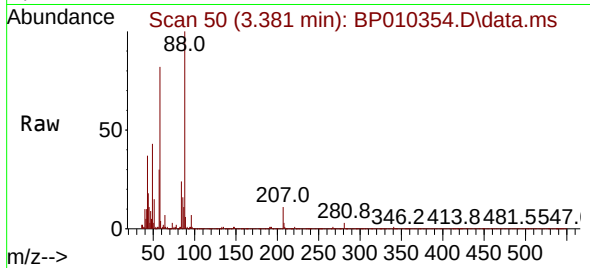




#2
1,4-Dioxane
Concen: 8.648 ng/uL
RT: 3.381 min Scan# 50
Delta R.T. 0.000 min
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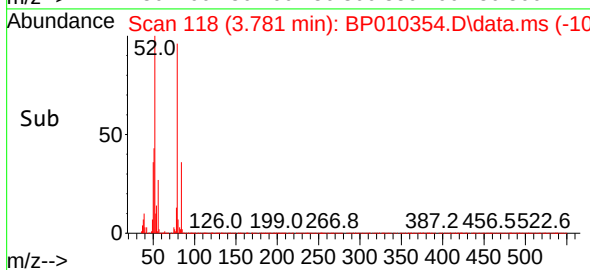
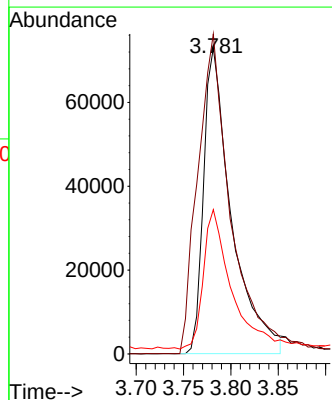
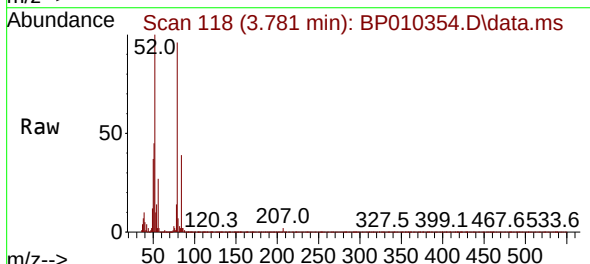
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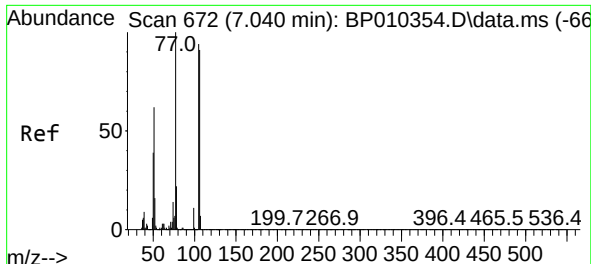
Tgt Ion: 88 Resp: 22416
Ion Ratio Lower Upper
88 100
43 36.6 6.8 10.2#
58 81.8 28.4 42.6#



#5
Pyridine
Concen: 20.260 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 79 Resp: 149582
Ion Ratio Lower Upper
79 100
52 104.5 35.5 53.3#
51 47.2 20.2 30.4#

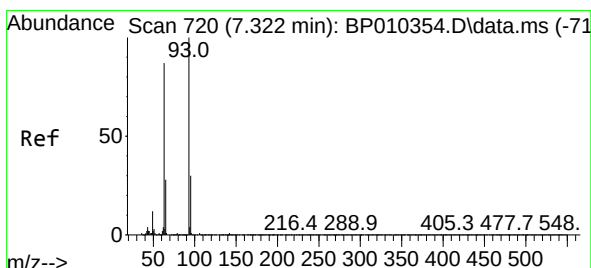
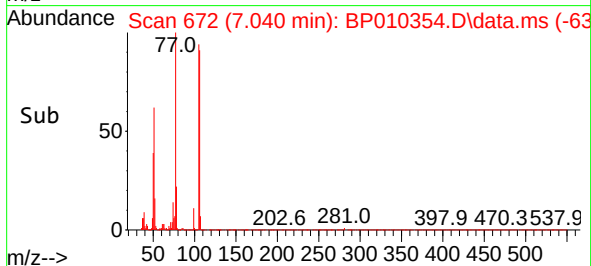
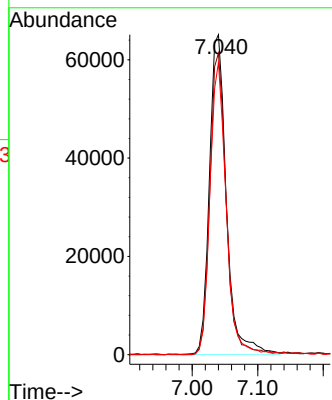
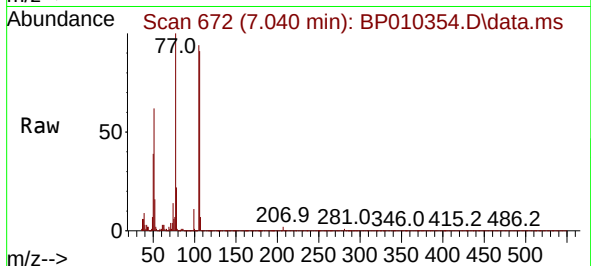




#6
Benzaldehyde
Concen: 24.721 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

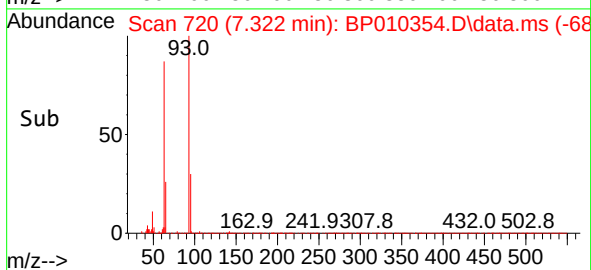
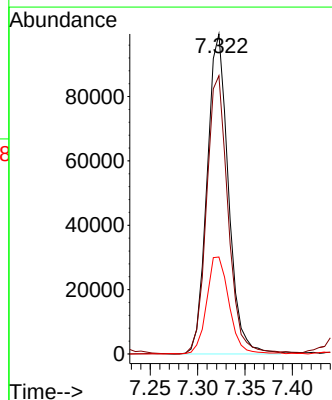
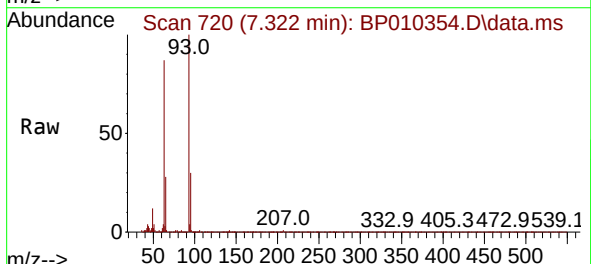
Instrument :
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ClientSampleId :
SSTD020799

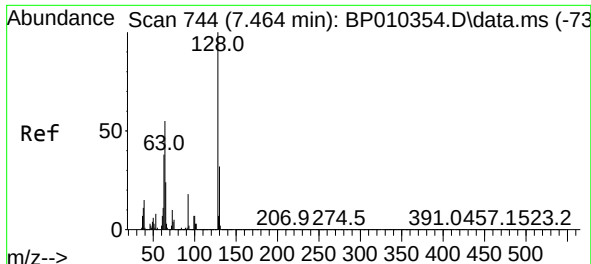
Tgt Ion: 77 Resp: 116983
Ion Ratio Lower Upper
77 100
105 94.3 77.0 115.4
106 91.3 77.0 115.4



#10
Bis(2-Chloroethyl)ether
Concen: 20.530 ng/ul
RT: 7.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 93 Resp: 155880
Ion Ratio Lower Upper
93 100
63 87.0 45.0 67.4#
95 30.3 26.3 39.5

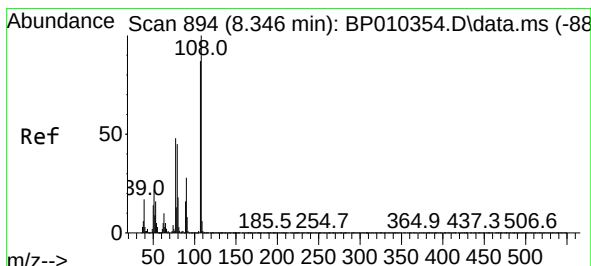
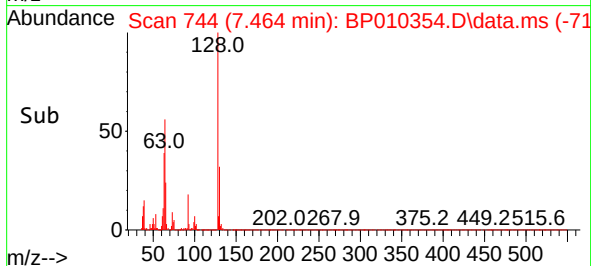
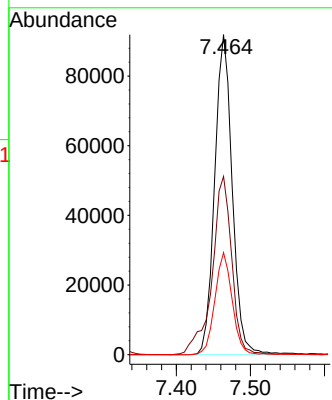
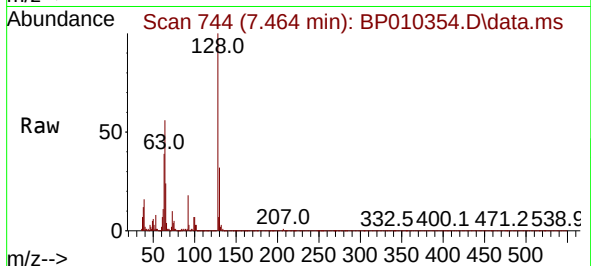




#12
2-Chlorophenol
Concen: 21.141 ng/ul
RT: 7.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

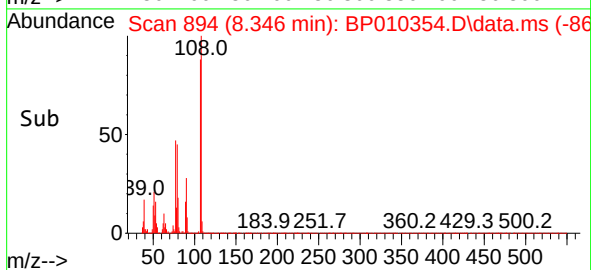
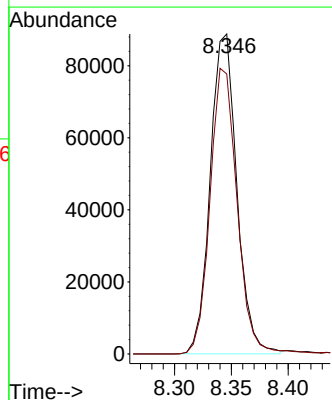
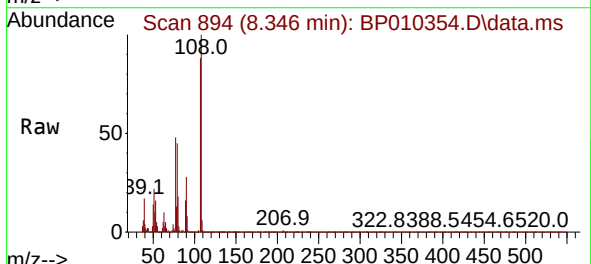
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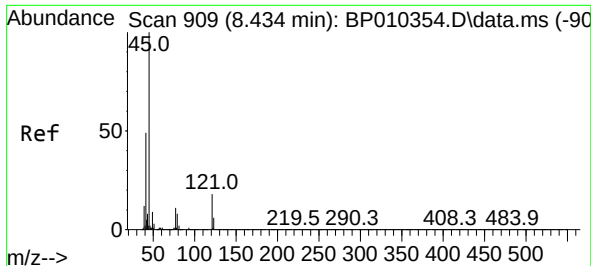
Tgt Ion:128 Resp: 151167
Ion Ratio Lower Upper
128 100
64 55.7 45.3 67.9
130 31.9 29.0 43.6



#13
2-Methylphenol
Concen: 20.068 ng/ul
RT: 8.346 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:108 Resp: 144671
Ion Ratio Lower Upper
108 100
107 87.5 70.8 106.2

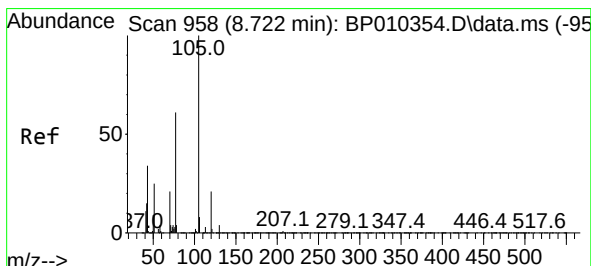
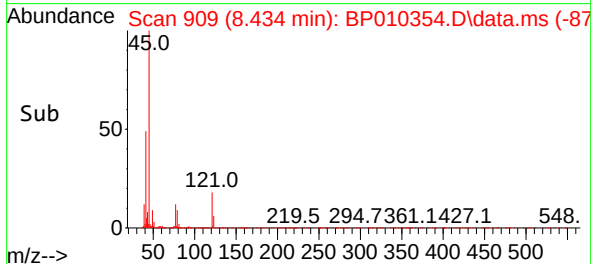
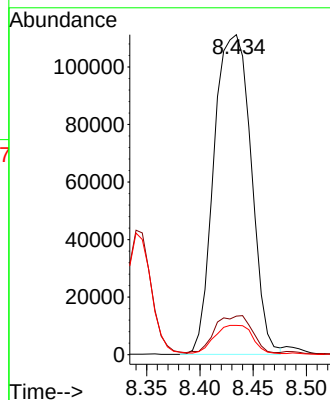
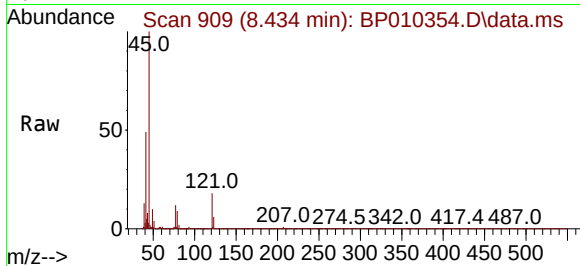




#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.759 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

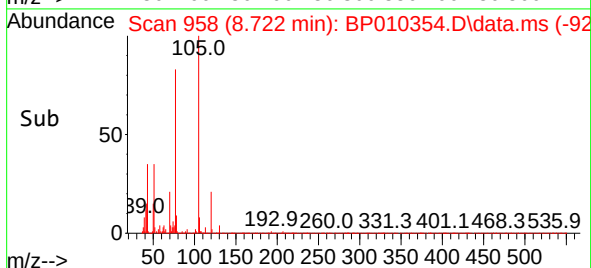
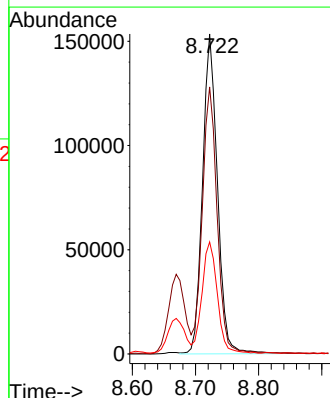
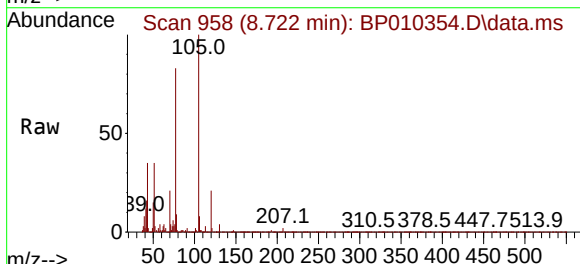
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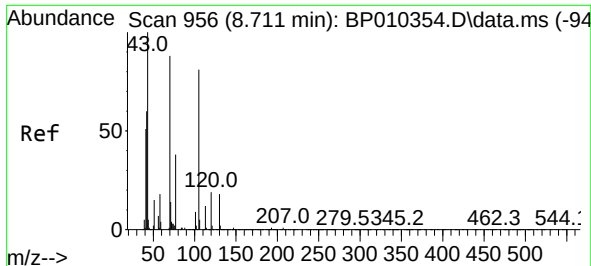
Tgt Ion: 45 Resp: 269257
Ion Ratio Lower Upper
45 100
77 12.0 17.1 25.7#
79 9.1 13.2 19.8#



#16
Acetophenone
Concen: 21.044 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 105 Resp: 251526
Ion Ratio Lower Upper
105 100
77 83.4 53.4 80.2#
51 35.0 13.8 20.8#

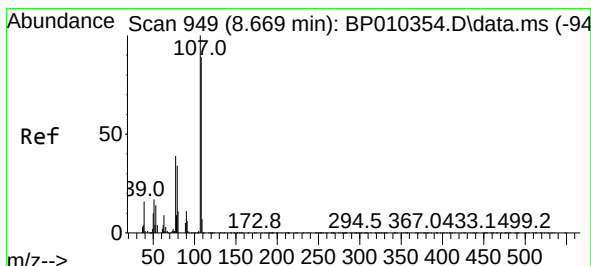
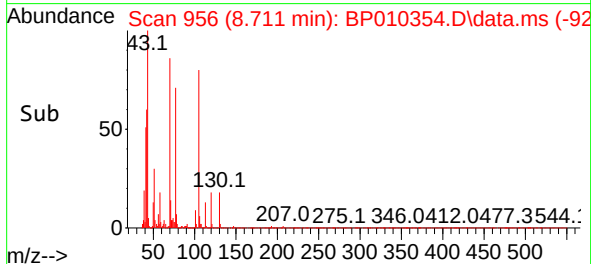
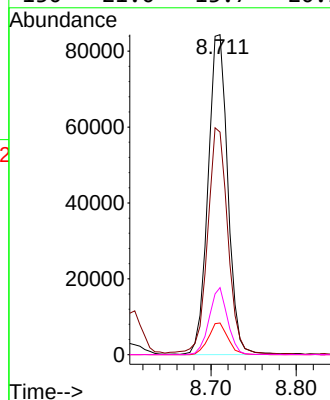
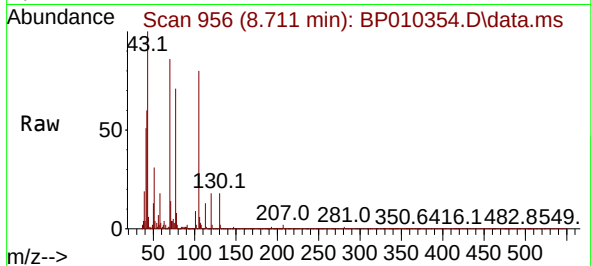




#17
N-Nitroso-di-n-propylamine
Concen: 21.245 ng/ul
RT: 8.711 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

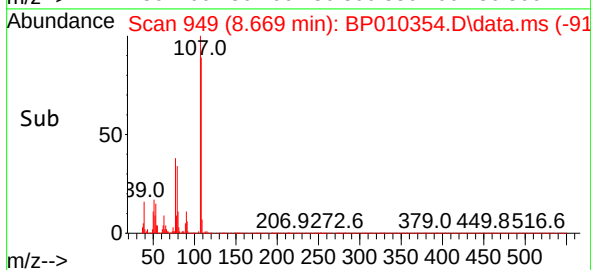
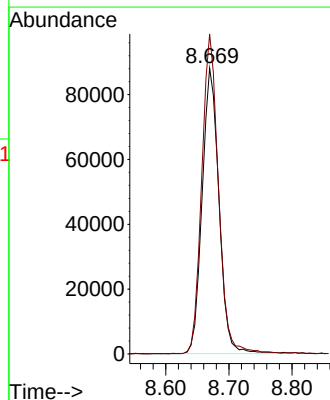
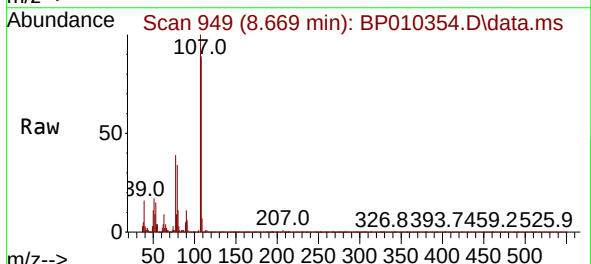
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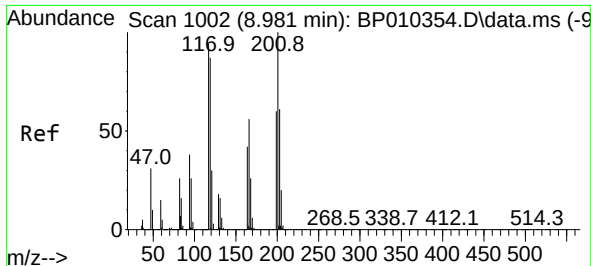
Tgt Ion: 70 Resp: 135901
Ion Ratio Lower Upper
70 100
42 69.5 31.8 47.8#
101 9.9 15.6 23.4#
130 21.0 13.7 20.5#



#18
4-Methylphenol
Concen: 20.496 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 108 Resp: 163306
Ion Ratio Lower Upper
108 100
107 112.0 83.6 125.4

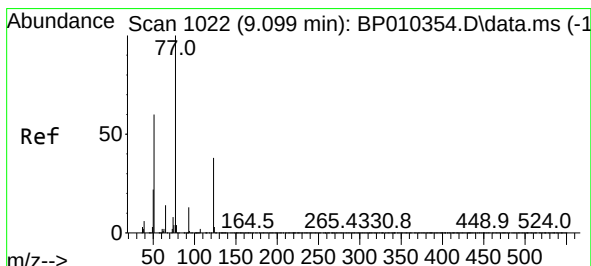
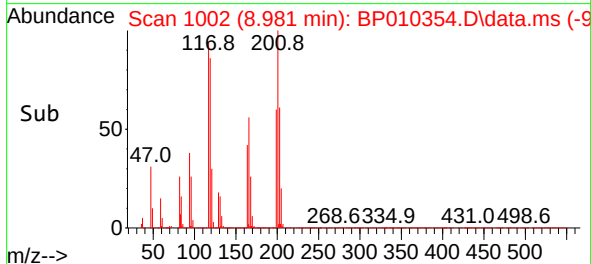
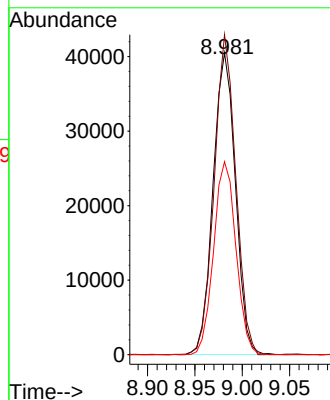
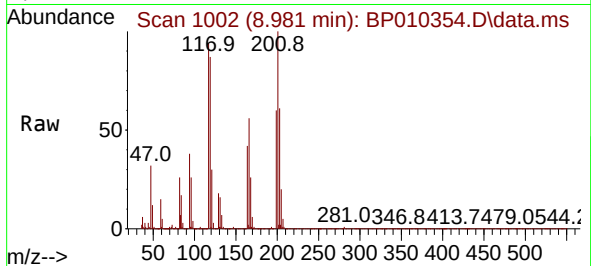




#19
Hexachloroethane
Concen: 21.310 ng/ul
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

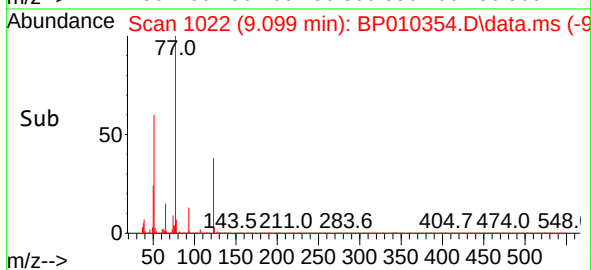
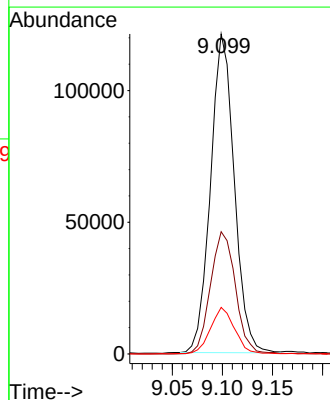
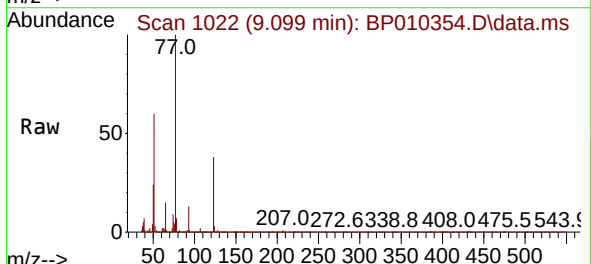
Instrument :
BNA_P
ClientSampleId :
SSTD020799

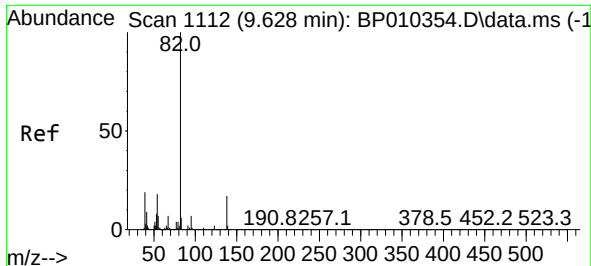
Tgt Ion:117 Resp: 66273
Ion Ratio Lower Upper
117 100
201 108.3 106.5 159.7
199 63.9 59.0 88.6



#22
Nitrobenzene
Concen: 20.544 ng/ul
RT: 9.099 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 77 Resp: 198968
Ion Ratio Lower Upper
77 100
123 38.2 42.3 63.5#
65 14.6 5.8 8.8#

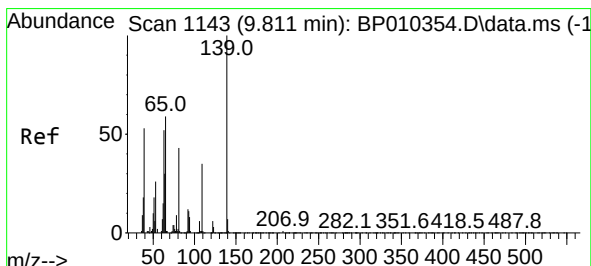
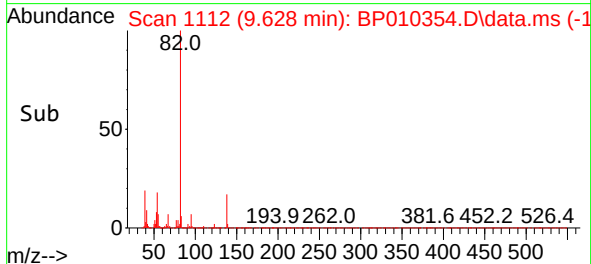
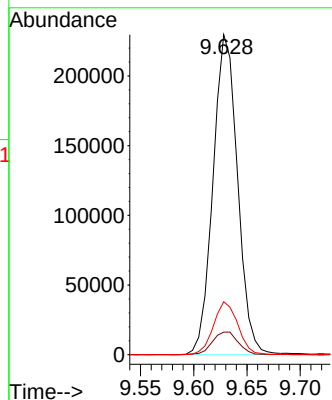
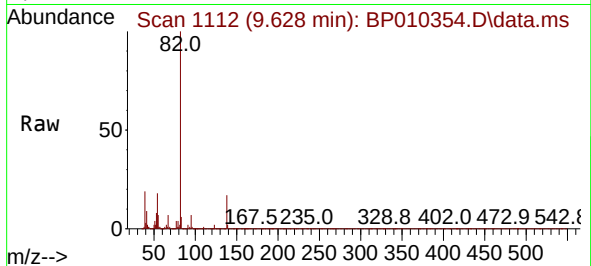




#23
Isophorone
Concen: 20.520 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

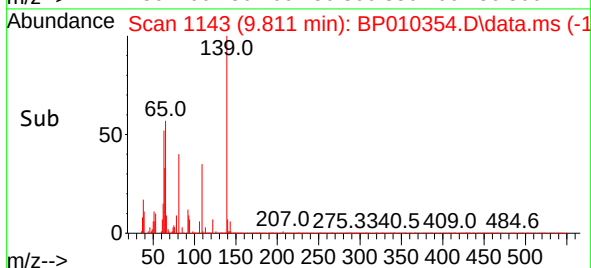
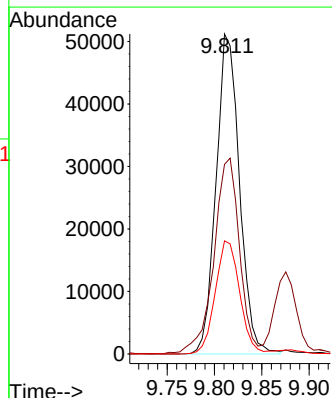
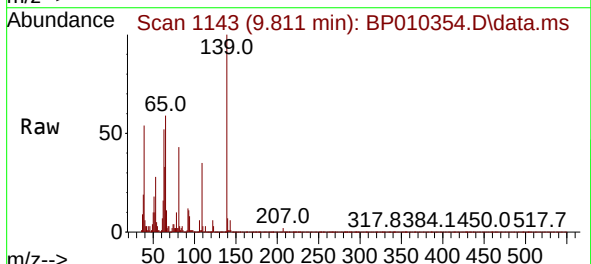
Instrument :
BNA_P
ClientSampleId :
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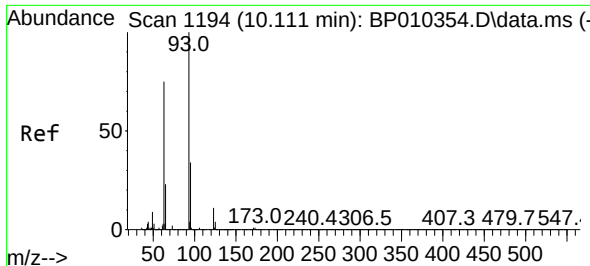
Tgt Ion: 82 Resp: 367342
Ion Ratio Lower Upper
82 100
95 7.1 7.8 11.8#
138 16.5 12.9 19.3



#25
2-Nitrophenol
Concen: 20.533 ng/ul
RT: 9.811 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 139 Resp: 88058
Ion Ratio Lower Upper
139 100
65 59.2 49.4 74.2
109 35.3 44.7 67.1#

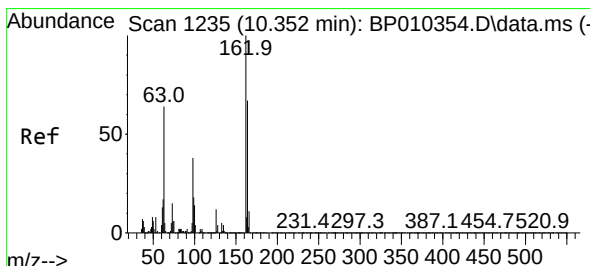
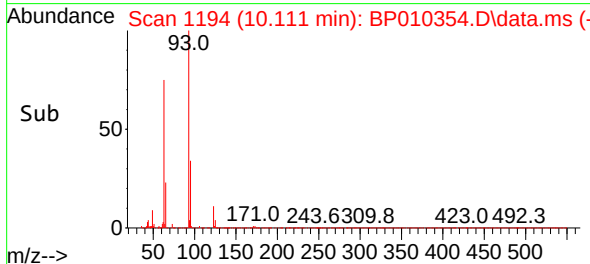
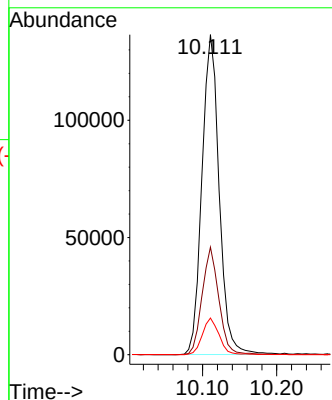
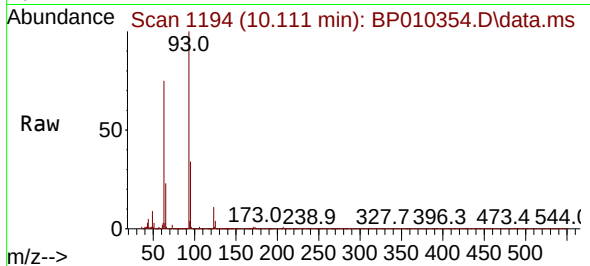




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.684 ng/ul
 RT: 10.111 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

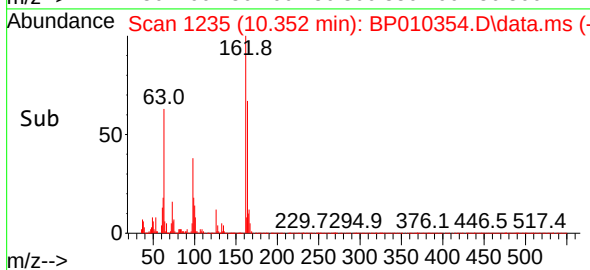
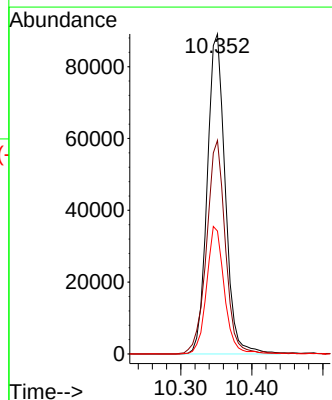
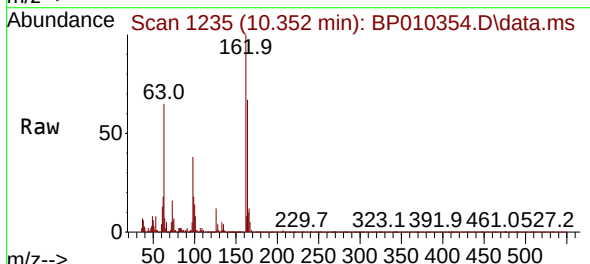
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

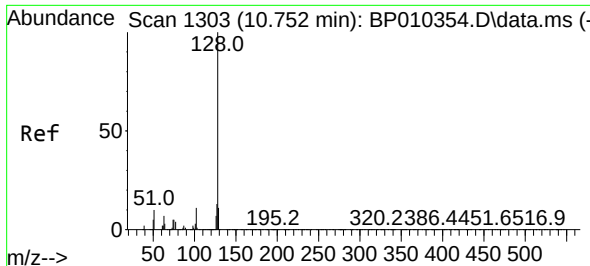
Tgt Ion: 93 Resp: 220467
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.2 39.4
 123 11.5 6.2 9.4#



#29
 2,4-Dichlorophenol
 Concen: 20.774 ng/ul
 RT: 10.352 min Scan# 1235
 Delta R.T. 0.000 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Tgt Ion:162 Resp: 156860
 Ion Ratio Lower Upper
 162 100
 164 66.8 37.0 55.6#
 98 38.4 31.0 46.6

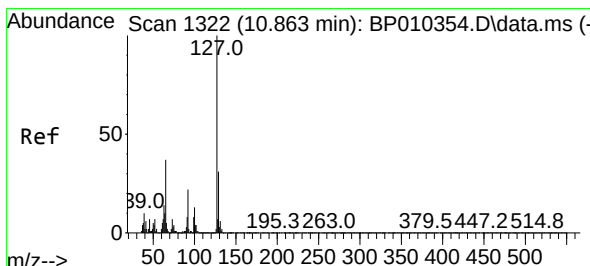
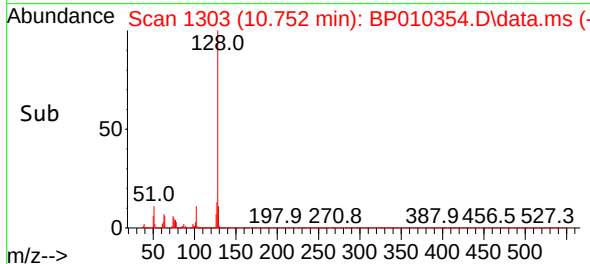
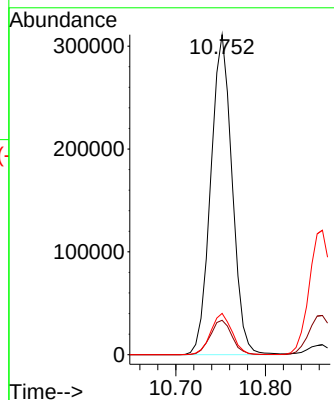
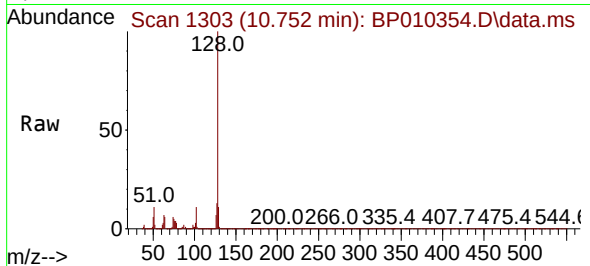




#30
Naphthalene
Concen: 20.652 ng/ul
RT: 10.752 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

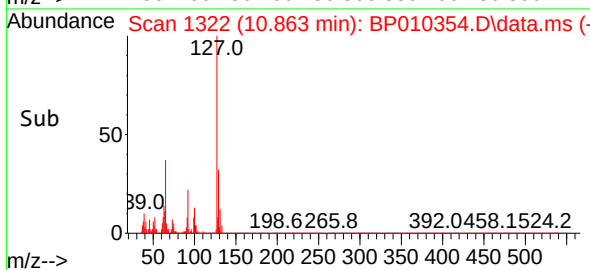
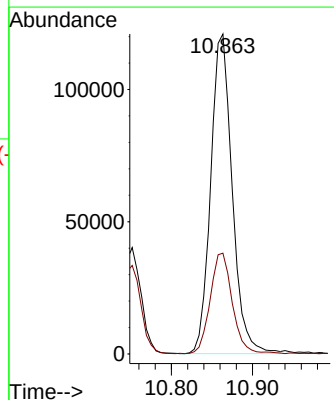
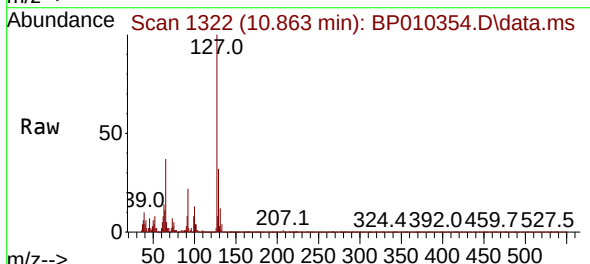
Instrument :
BNA_P
ClientSampleId :
SSTD020799

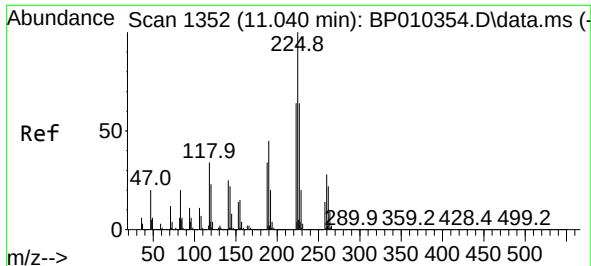
Tgt Ion:128 Resp: 513664
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 12.2 18.4



#32
4-Chloroaniline
Concen: 20.397 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:127 Resp: 222282
Ion Ratio Lower Upper
127 100
129 31.5 24.6 37.0

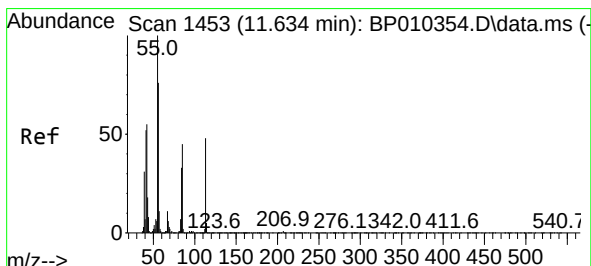
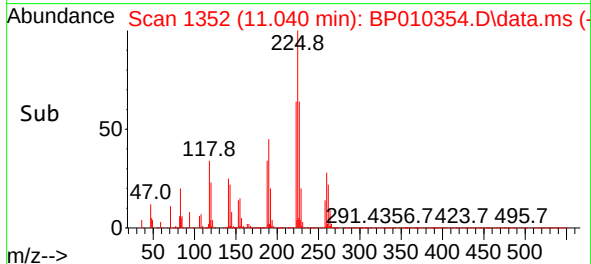
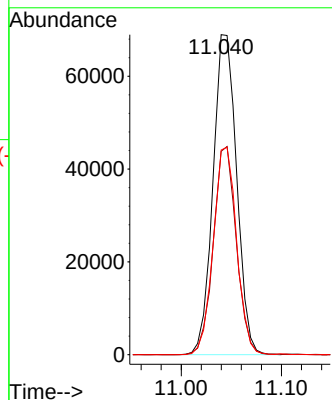
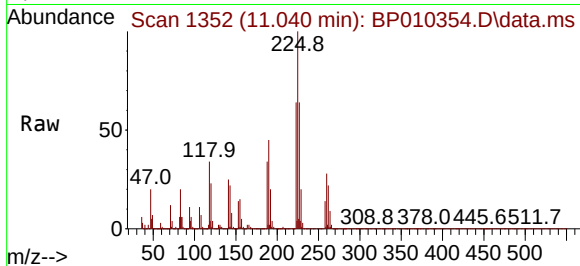




#33
Hexachlorobutadiene
Concen: 21.136 ng/ul
RT: 11.040 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

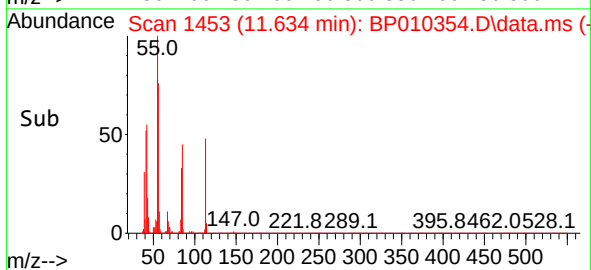
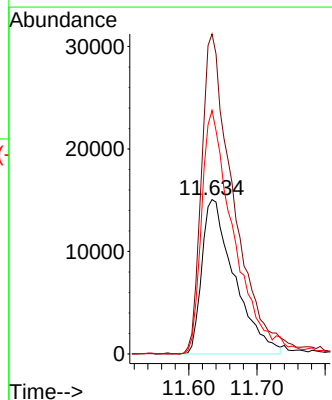
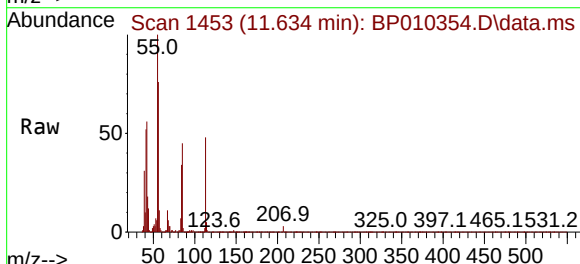
Instrument :
BNA_P
ClientSampleId :
SSTD020799

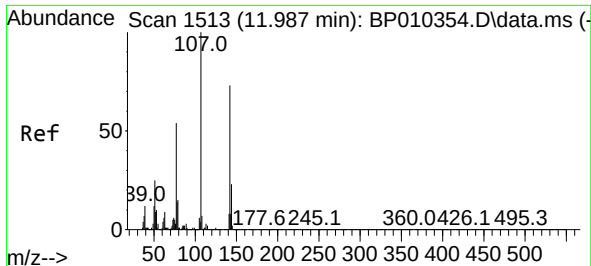
Tgt Ion:225 Resp: 113086
Ion Ratio Lower Upper
225 100
223 63.5 53.4 80.0
227 64.0 53.8 80.8



#34
Caprolactam
Concen: 18.983 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:113 Resp: 50022
Ion Ratio Lower Upper
113 100
55 207.3 58.2 87.2#
56 157.8 68.6 103.0#

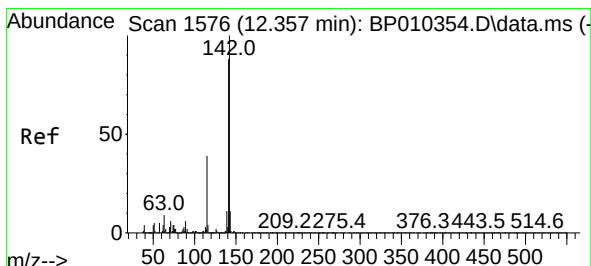
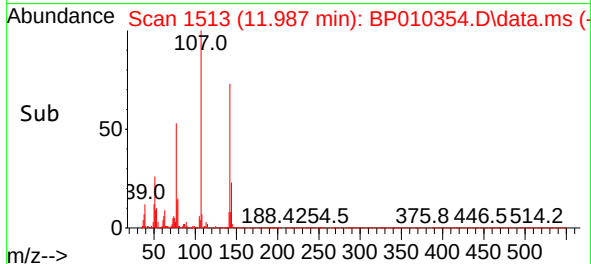
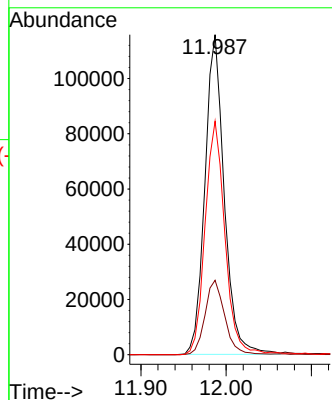
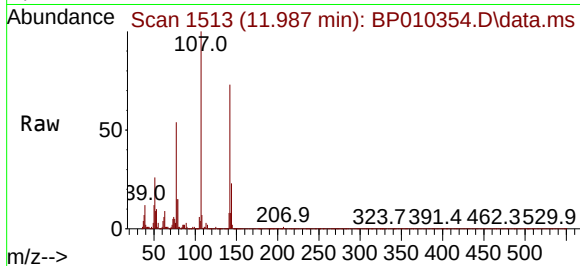




#35
4-Chloro-3-methylphenol
Concen: 20.700 ng/ul
RT: 11.987 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

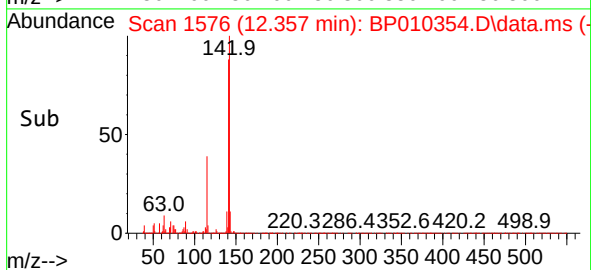
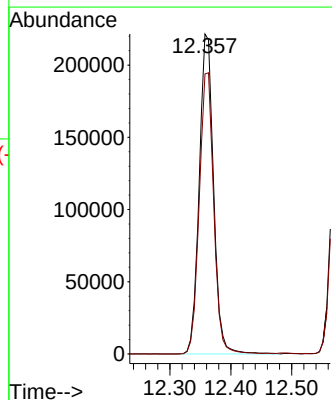
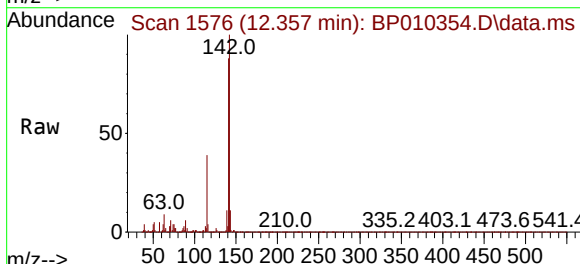
Instrument :
BNA_P
ClientSampleId :
SSTD020799

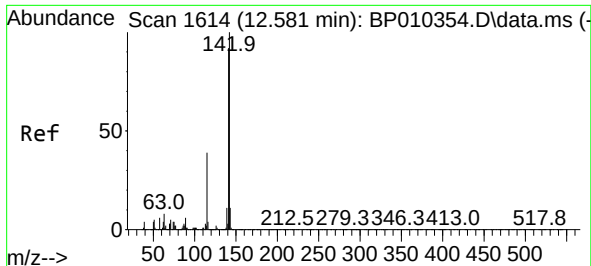
Tgt Ion:107 Resp: 182840
Ion Ratio Lower Upper
107 100
144 23.3 15.8 23.8
142 72.9 38.9 58.3#



#36
2-Methylnaphthalene
Concen: 20.615 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:142 Resp: 363000
Ion Ratio Lower Upper
142 100
141 87.5 64.3 96.5

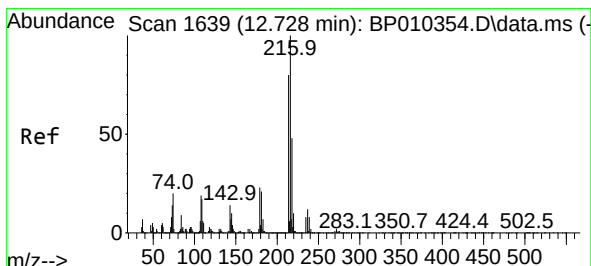
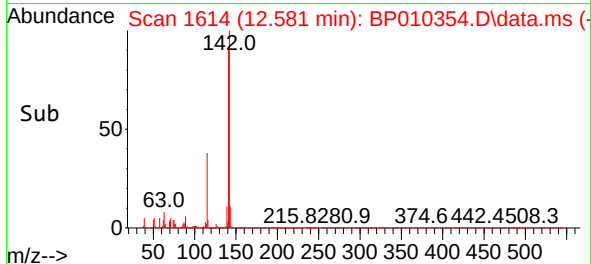
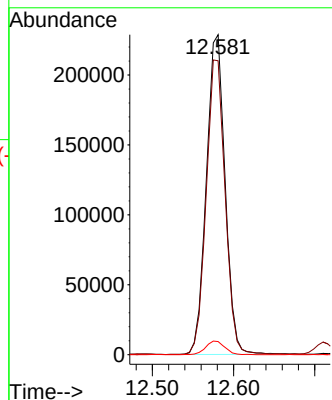
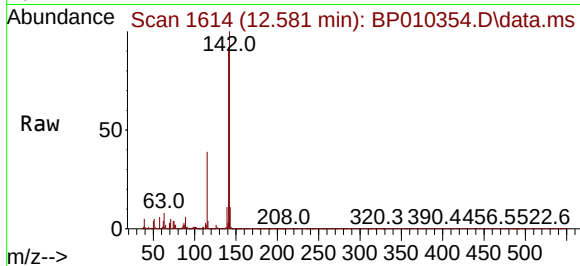




#37
1-Methylnaphthalene
Concen: 20.638 ng/ul
RT: 12.581 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

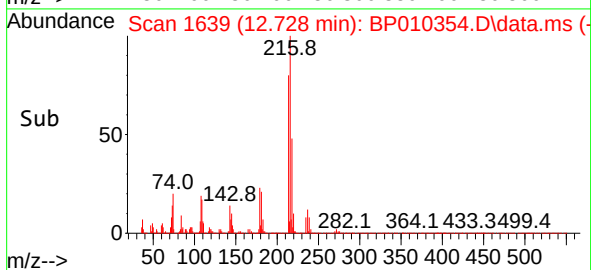
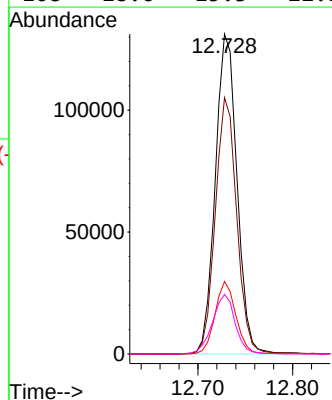
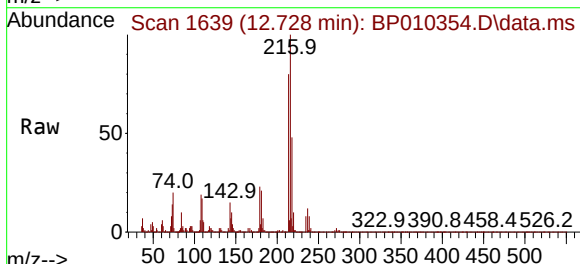
Instrument :
BNA_P
ClientSampleId :
SSTD020799

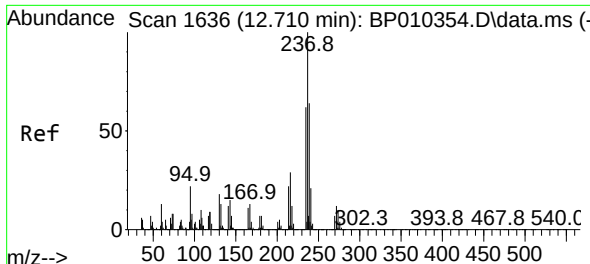
Tgt Ion:142 Resp: 366925
Ion Ratio Lower Upper
142 100
141 91.9 69.8 104.8
116 4.1 5.6 8.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.701 ng/ul
RT: 12.728 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:216 Resp: 208929
Ion Ratio Lower Upper
216 100
214 80.1 58.2 87.2
179 22.6 14.2 21.2#
108 18.6 15.3 22.9

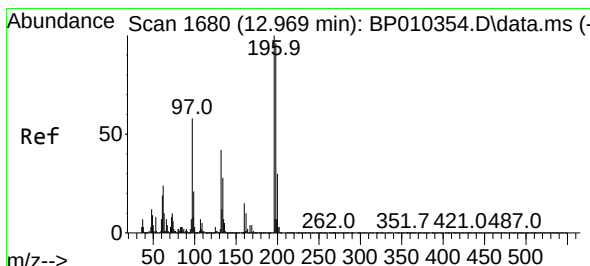
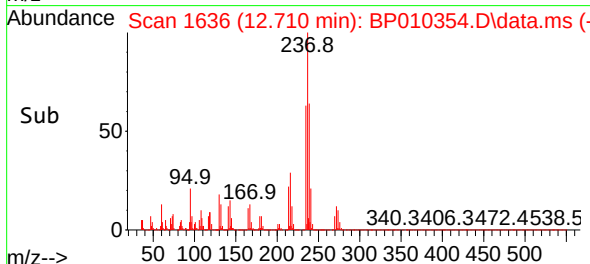
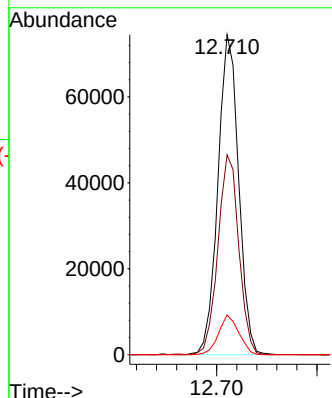
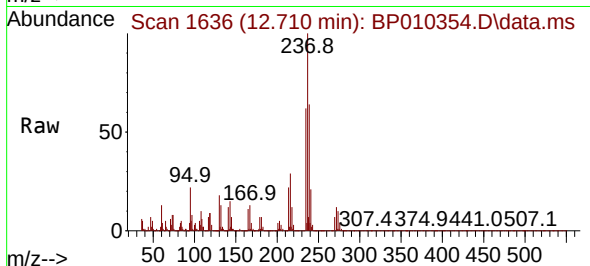




#40
Hexachlorocyclopentadiene
Concen: 19.427 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

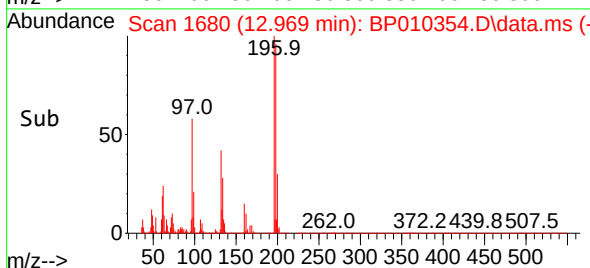
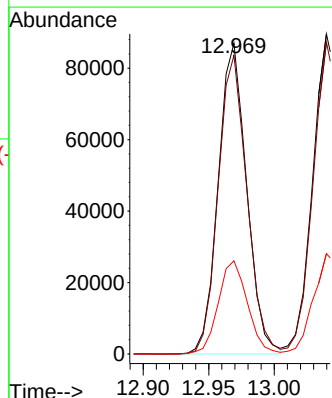
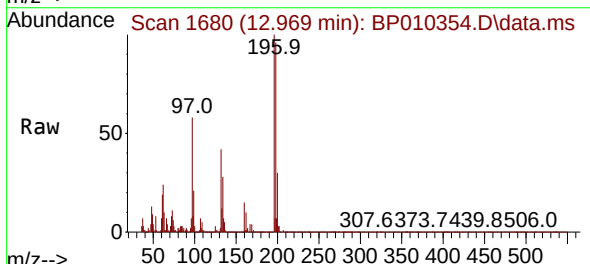
Instrument :
BNA_P
ClientSampleId :
SSTD020799

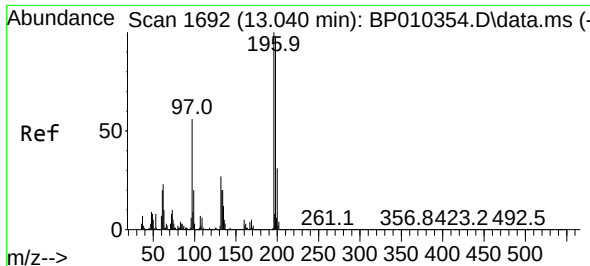
Tgt Ion:237	Resp:	106598
Ion Ratio	Lower	Upper
237	100	
235	62.5	53.2 79.8
272	12.4	10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 20.833 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:196	Resp:	131066
Ion Ratio	Lower	Upper
196	100	
198	96.2	64.1 96.1#
200	30.0	19.9 29.9#

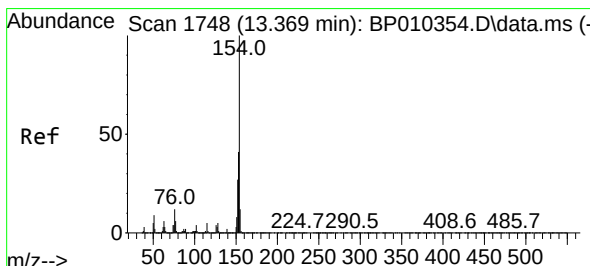
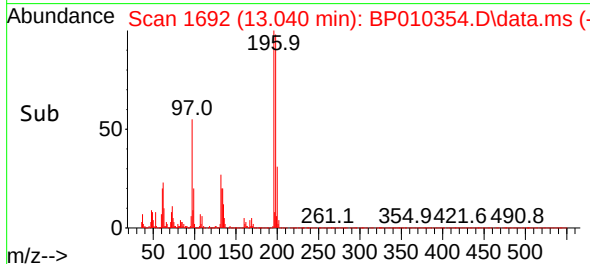
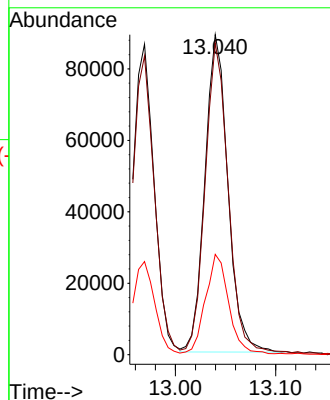
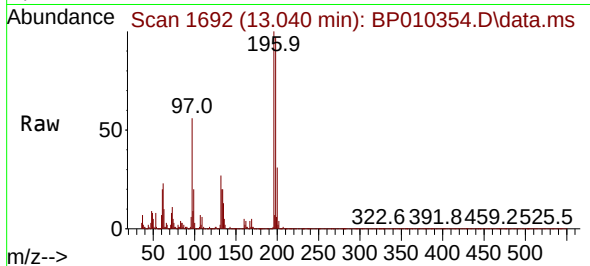




#42
2,4,5-Trichlorophenol
Concen: 20.273 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

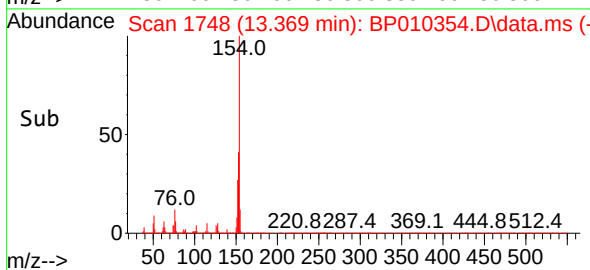
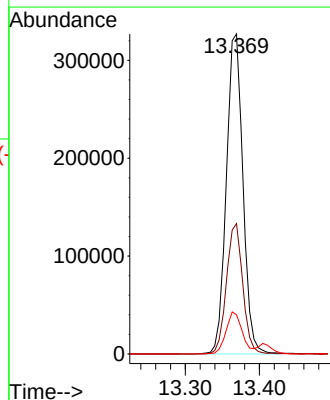
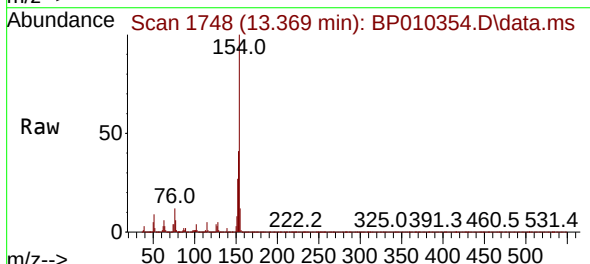
Instrument :
BNA_P
ClientSampleId :
SSTD020799

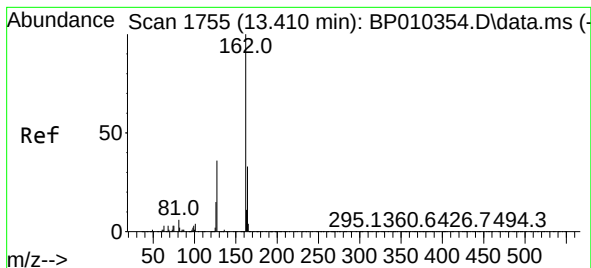
Tgt Ion:196 Resp: 142412
Ion Ratio Lower Upper
196 100
198 97.4 68.6 103.0
200 31.3 32.8 49.2#



#43
1,1'-Biphenyl
Concen: 20.910 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:154 Resp: 507604
Ion Ratio Lower Upper
154 100
153 40.8 28.6 43.0
76 12.2 8.5 12.7

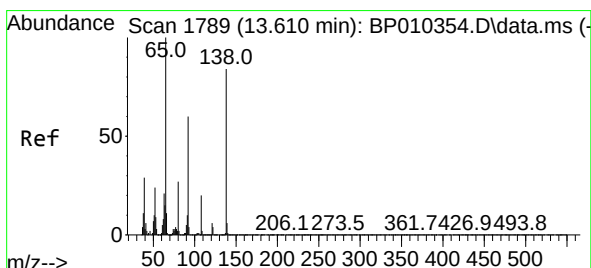
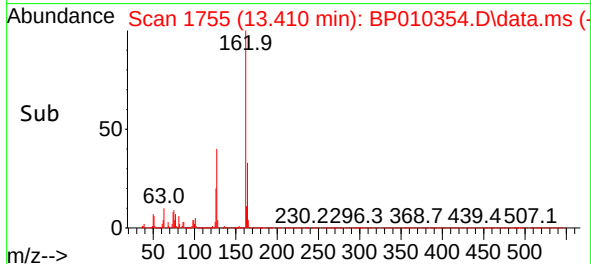
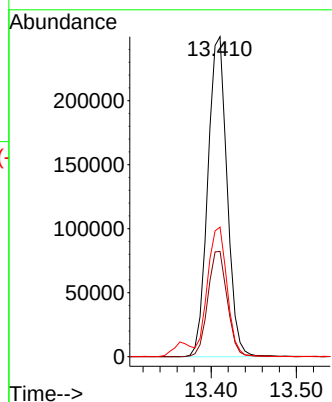
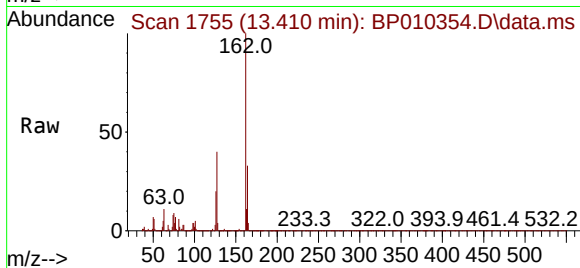




#44
2-Chloronaphthalene
Concen: 20.993 ng/ul
RT: 13.410 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

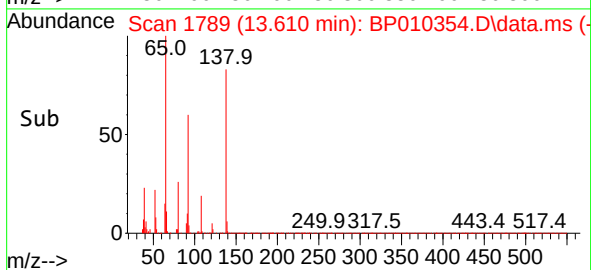
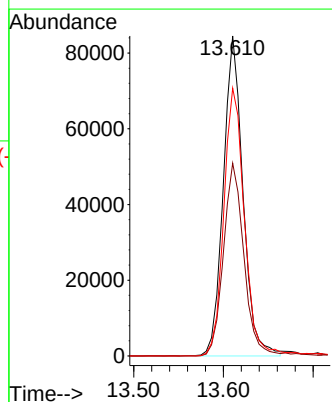
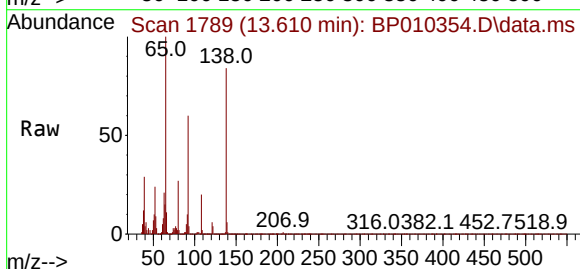
Instrument :
BNA_P
ClientSampleId :
SSTD020799

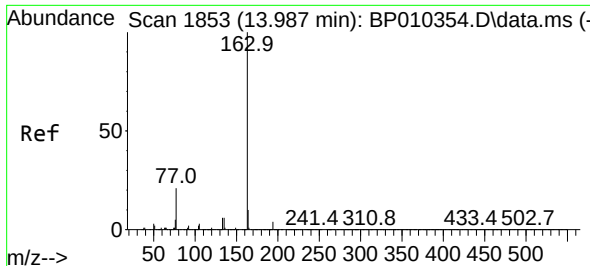
Tgt Ion:162 Resp: 393609
Ion Ratio Lower Upper
162 100
164 32.9 27.5 41.3
127 40.5 37.1 55.7



#45
2-Nitroaniline
Concen: 20.807 ng/ul
RT: 13.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion: 65 Resp: 128394
Ion Ratio Lower Upper
65 100
92 60.2 77.9 116.9#
138 83.7 81.5 122.3

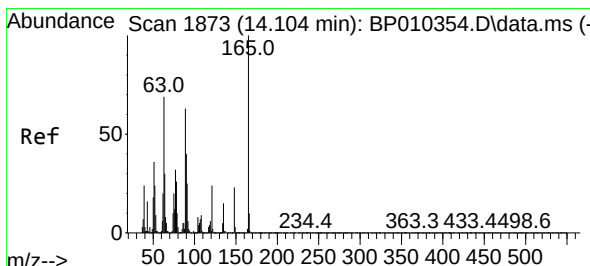
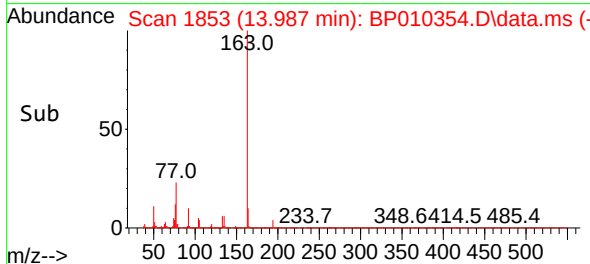
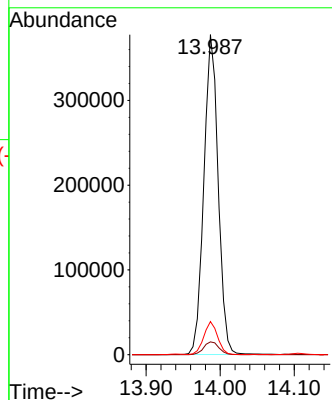
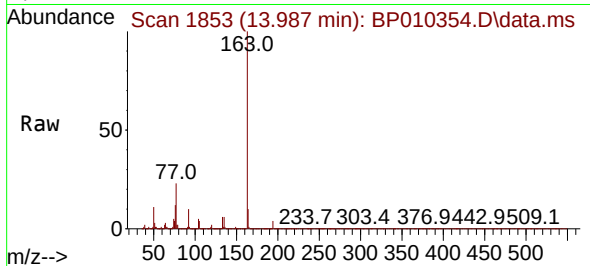




#47
Dimethylphthalate
Concen: 20.903 ng/ul
RT: 13.987 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

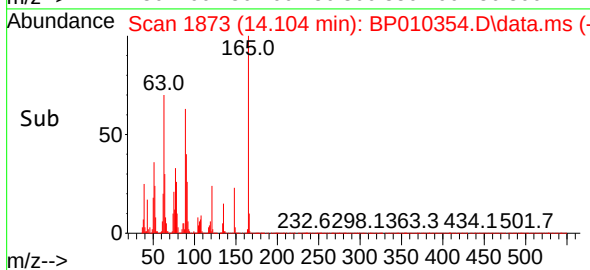
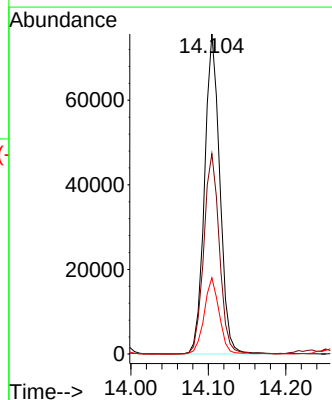
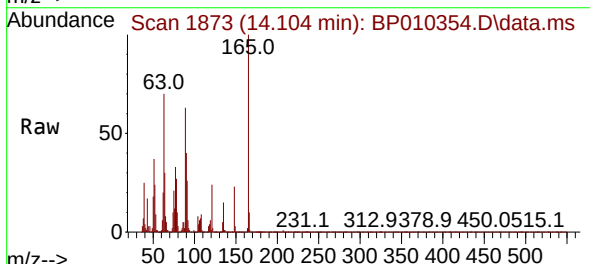
Instrument :
BNA_P
ClientSampleId :
SSTD020799

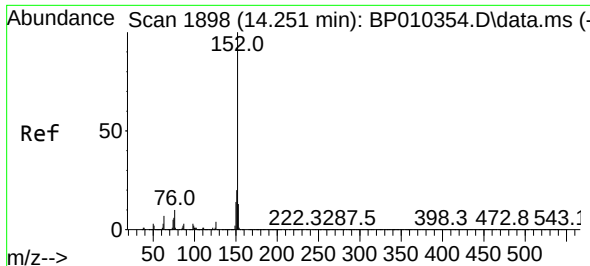
Tgt Ion:163 Resp: 505249
Ion Ratio Lower Upper
163 100
194 4.0 4.1 6.1#
164 10.3 11.3 16.9#



#48
2,6-Dinitrotoluene
Concen: 21.002 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:165 Resp: 103482
Ion Ratio Lower Upper
165 100
89 62.6 51.7 77.5
121 23.8 18.3 27.5

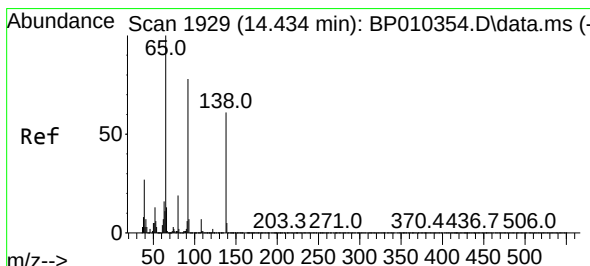
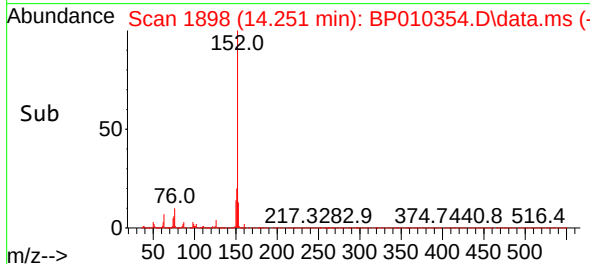
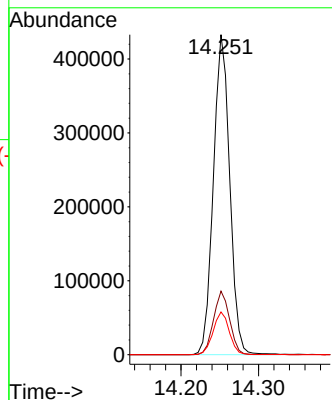
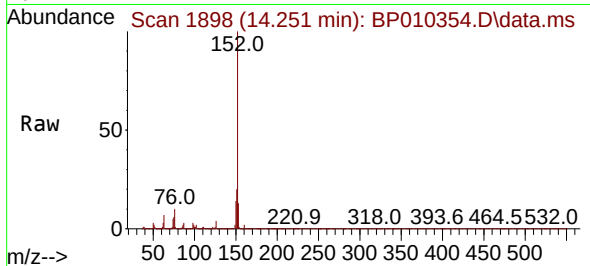




#50
Acenaphthylene
Concen: 20.954 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

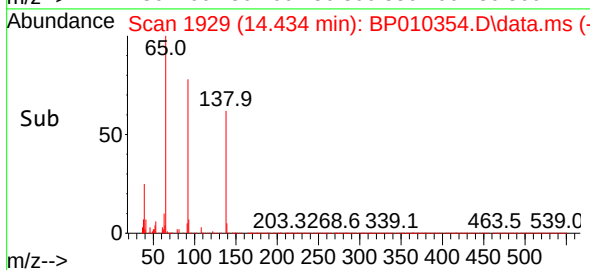
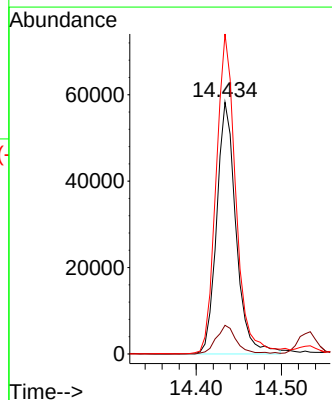
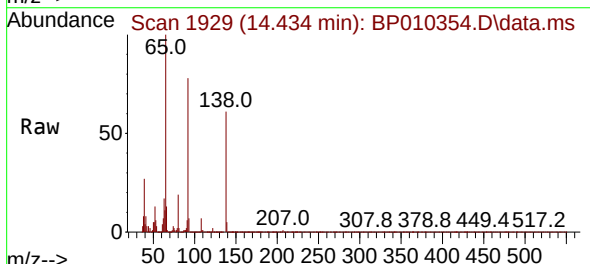
Instrument :
BNA_P
ClientSampleId :
SSTD020799

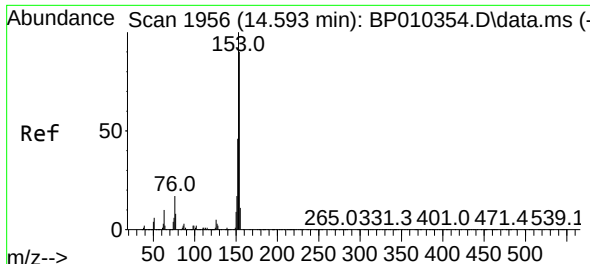
Tgt Ion:152 Resp: 637116
Ion Ratio Lower Upper
152 100
151 19.8 18.3 27.5
153 13.4 11.0 16.6



#51
3-Nitroaniline
Concen: 19.857 ng/ul
RT: 14.434 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:138 Resp: 91826
Ion Ratio Lower Upper
138 100
108 11.4 15.8 23.8#
92 127.2 117.1 175.7

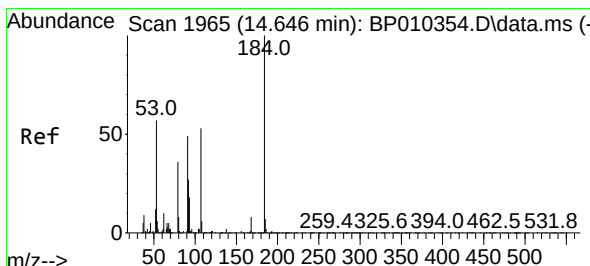
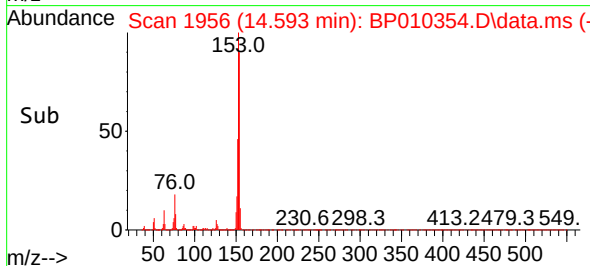
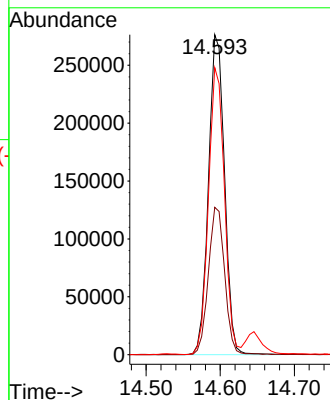
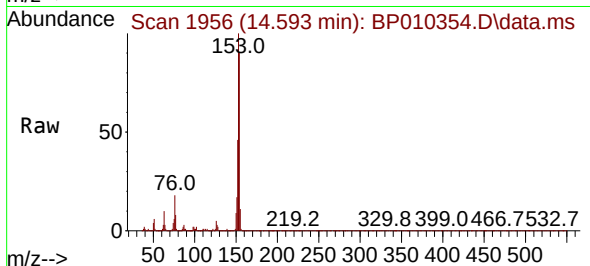




#52
Acenaphthene
Concen: 20.968 ng/ul
RT: 14.593 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

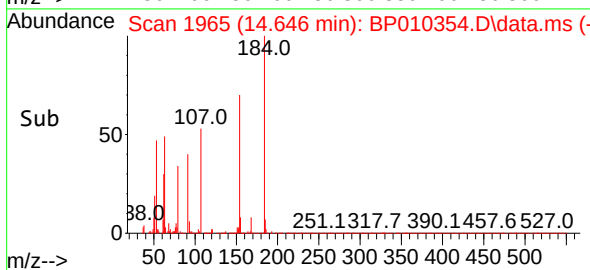
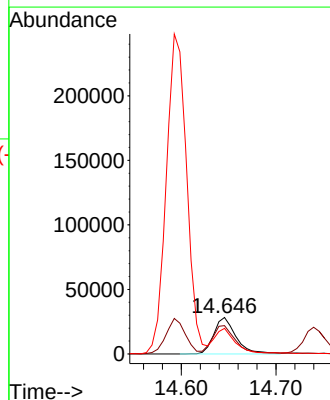
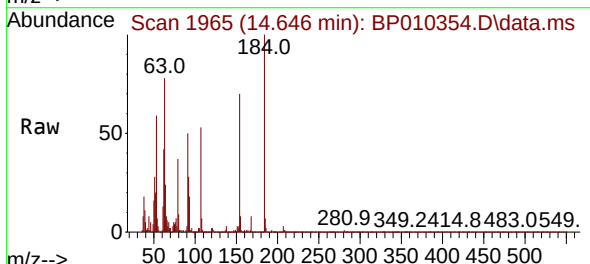
Instrument :
BNA_P
ClientSampleId :
SSTD020799

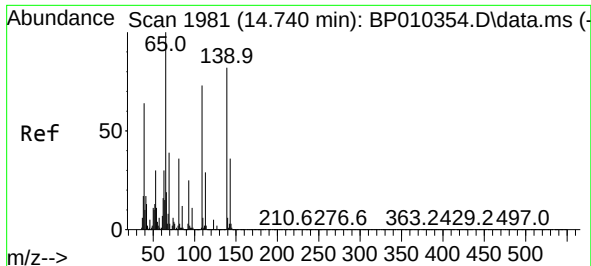
Tgt Ion:153 Resp: 415918
Ion Ratio Lower Upper
153 100
152 46.1 34.3 51.5
154 89.7 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 16.718 ng/ul
RT: 14.646 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:184 Resp: 45989
Ion Ratio Lower Upper
184 100
63 77.7 34.6 52.0#
154 70.4 57.7 86.5

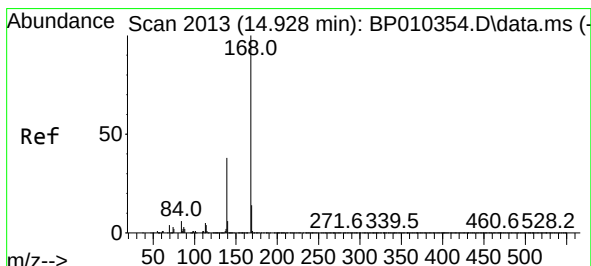
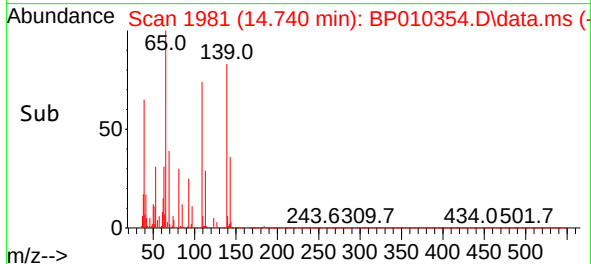
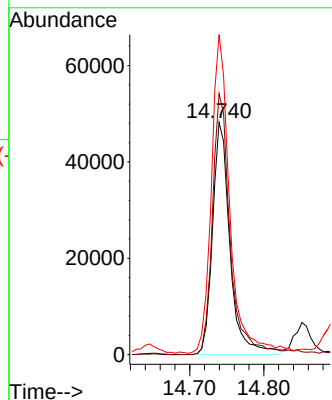
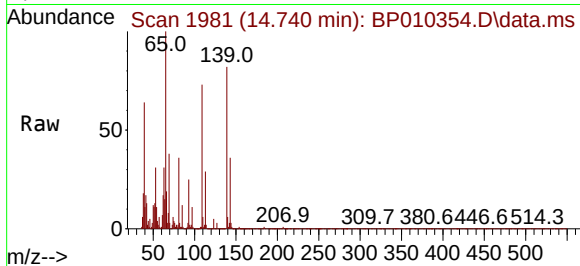




#55
4-Nitrophenol
Concen: 20.428 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

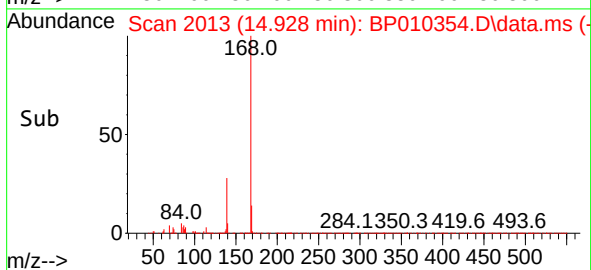
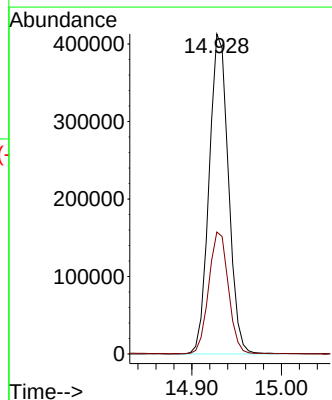
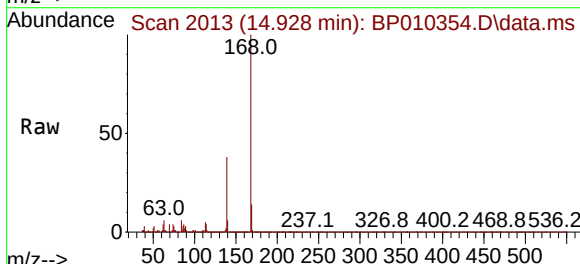
Instrument :
BNA_P
ClientSampleId :
SSTD020799

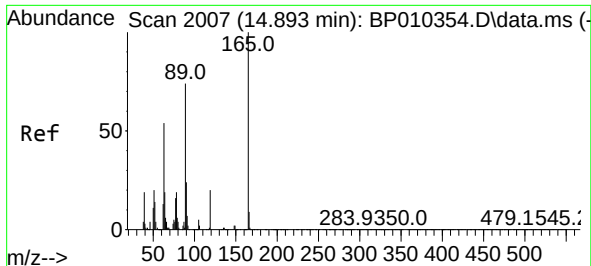
Tgt Ion:109 Resp: 78781
Ion Ratio Lower Upper
109 100
139 112.4 61.4 92.2#
65 137.8 65.3 97.9#



#56
Dibenzofuran
Concen: 21.236 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:168 Resp: 617319
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1

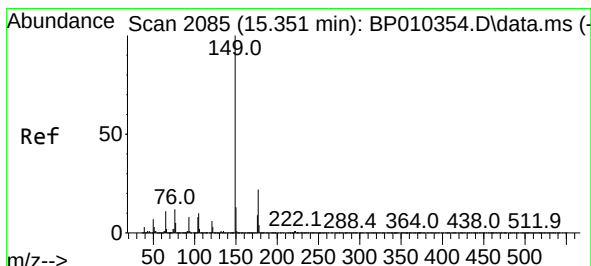
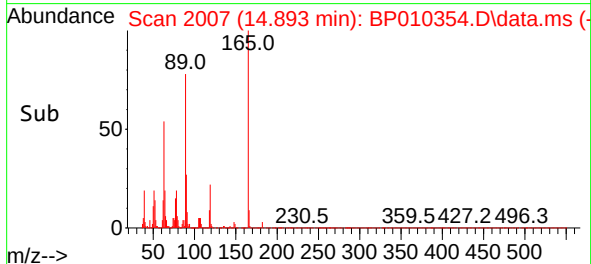
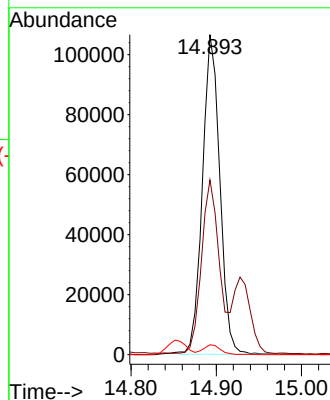
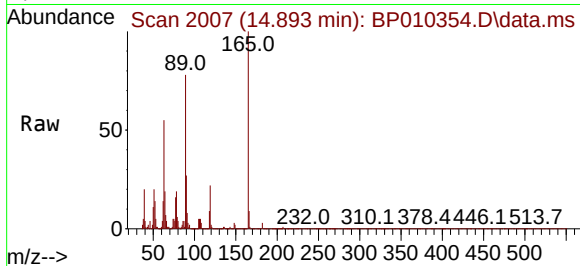




#57
2,4-Dinitrotoluene
Concen: 21.232 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

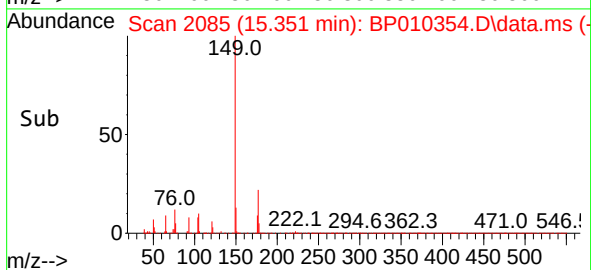
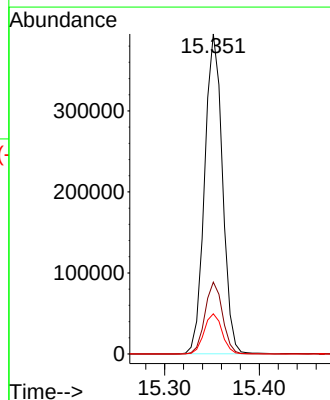
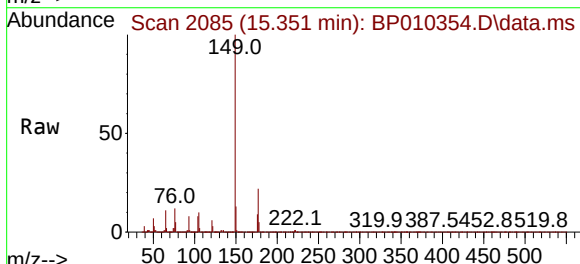
Instrument :
BNA_P
ClientSampleId :
SSTD020799

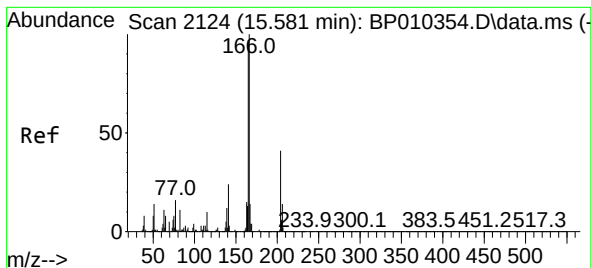
Tgt Ion:165 Resp: 150598
Ion Ratio Lower Upper
165 100
63 54.6 29.5 44.3#
182 3.1 2.8 4.2



#59
Diethylphthalate
Concen: 20.882 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:149 Resp: 515031
Ion Ratio Lower Upper
149 100
177 22.5 22.0 33.0
150 12.6 10.2 15.2





#61

Fluorene

Concen: 21.369 ng/ul

RT: 15.581 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

Instrument :

BNA_P

ClientSampleId :

SSTD020799

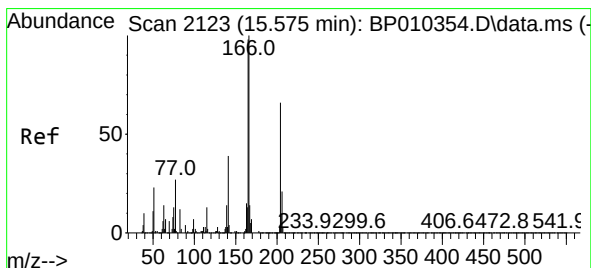
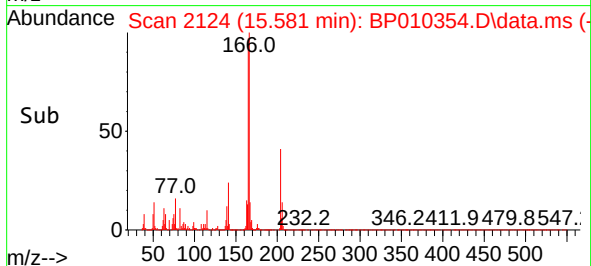
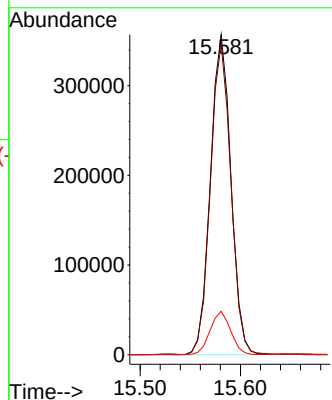
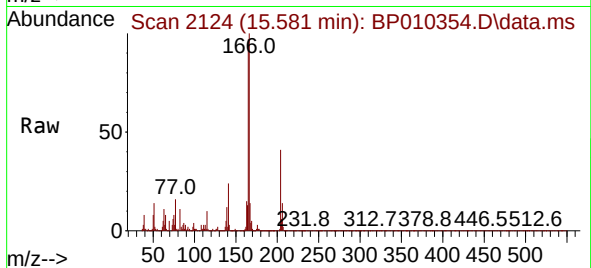
Tgt Ion:166 Resp: 507987

Ion Ratio Lower Upper

166 100

165 97.1 70.3 105.5

167 13.6 9.5 14.3



#62

4-Chlorophenyl-phenylether

Concen: 21.358 ng/ul

RT: 15.575 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

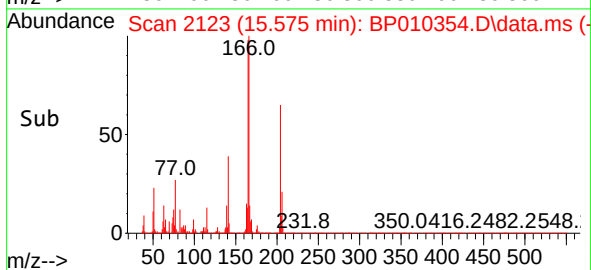
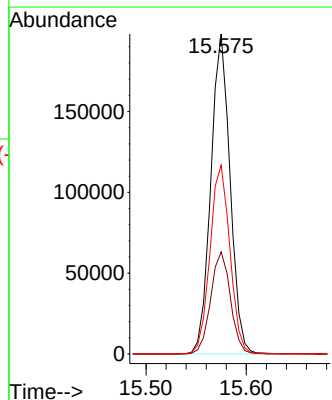
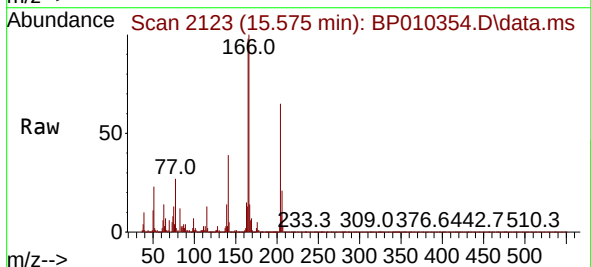
Tgt Ion:204 Resp: 264112

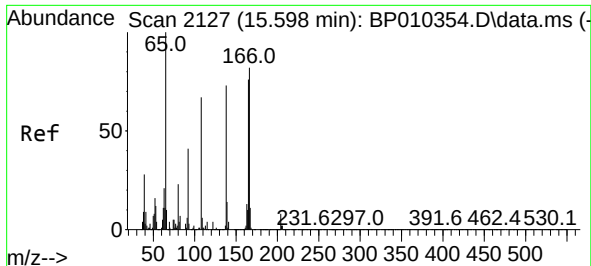
Ion Ratio Lower Upper

204 100

206 31.9 27.6 41.4

141 59.0 46.6 69.8

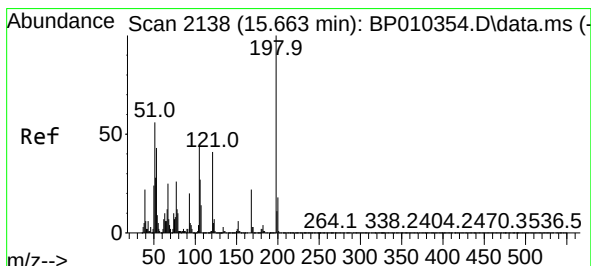
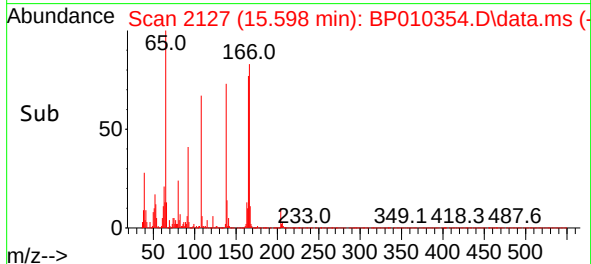
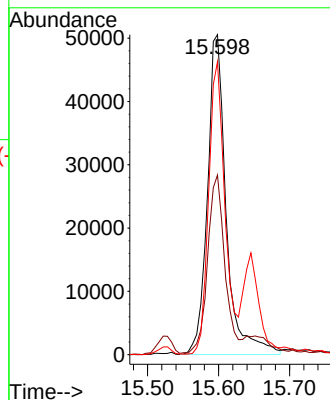
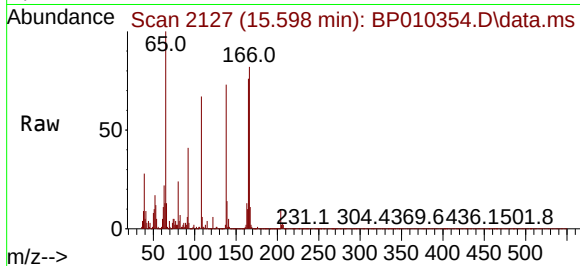




#63
4-Nitroaniline
Concen: 20.426 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

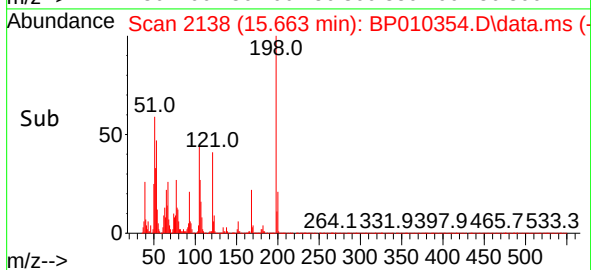
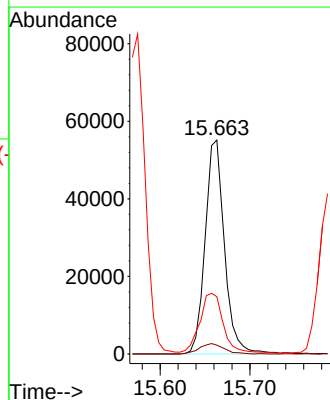
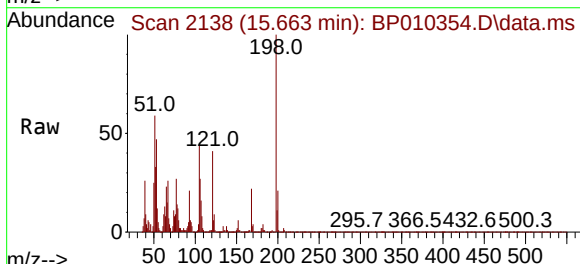
Instrument :
BNA_P
ClientSampleId :
SSTD020799

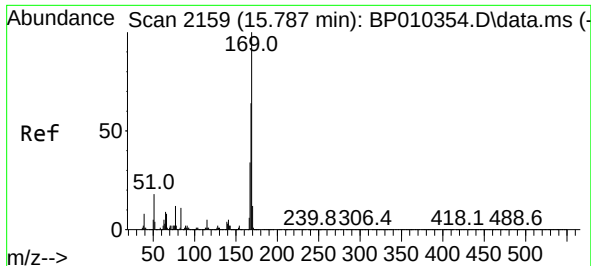
Tgt Ion:138 Resp: 93269
Ion Ratio Lower Upper
138 100
92 56.2 41.6 62.4
108 91.5 97.6 146.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 18.943 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:198 Resp: 82441
Ion Ratio Lower Upper
198 100
182 4.1 6.0 9.0#
77 26.8 17.7 26.5#

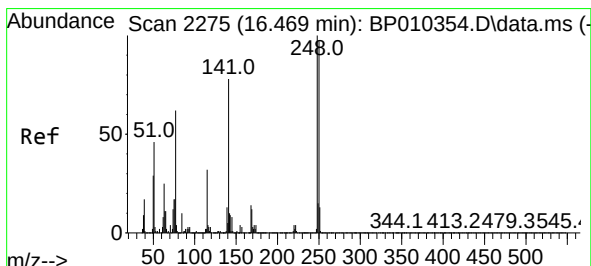
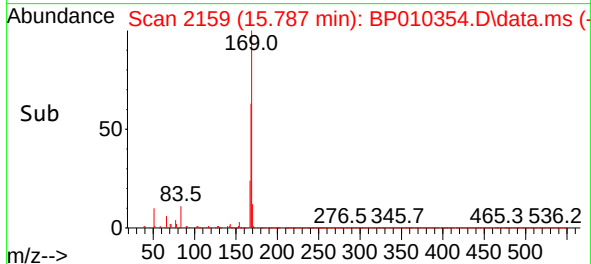
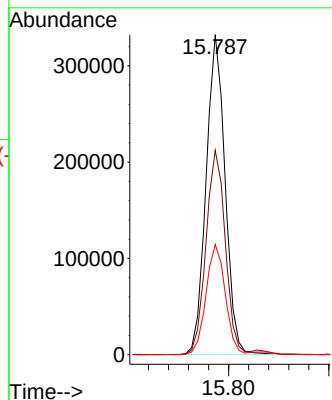
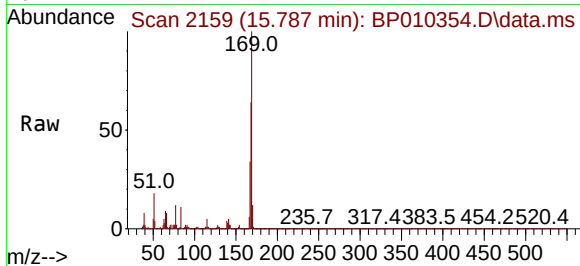




#67
N-Nitrosodiphenylamine
Concen: 20.870 ng/ul
RT: 15.787 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

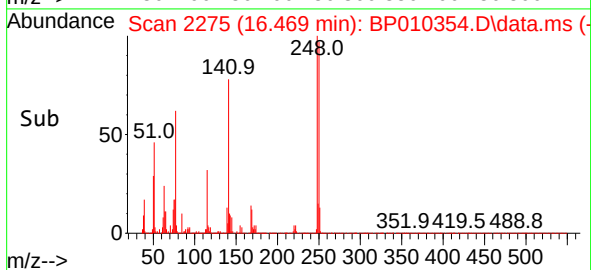
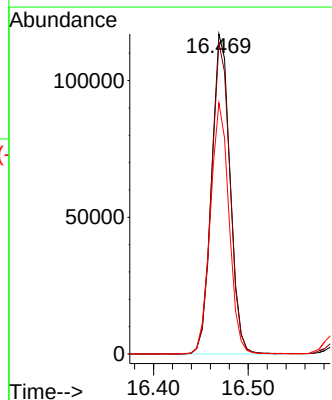
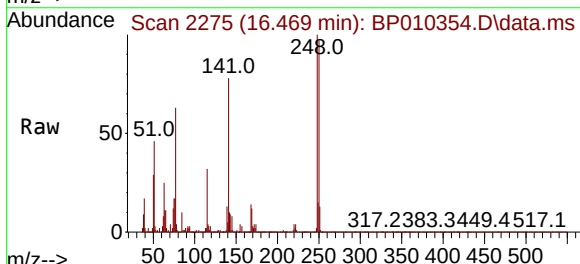
Instrument :
BNA_P
ClientSampleId :
SSTD020799

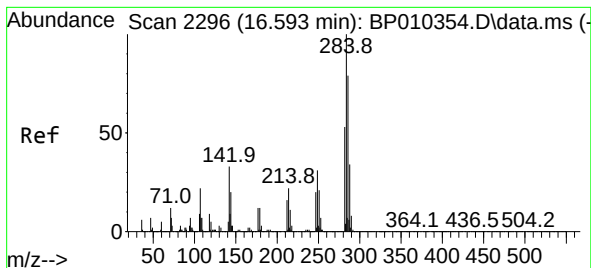
Tgt Ion:169 Resp: 436733
Ion Ratio Lower Upper
169 100
168 63.8 48.3 72.5
167 34.5 29.6 44.4



#68
4-Bromophenyl-phenylether
Concen: 20.597 ng/ul
RT: 16.469 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:248 Resp: 158279
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.0
141 78.5 67.2 100.8





#69

Hexachlorobenzene

Concen: 20.488 ng/ul

RT: 16.593 min Scan# 2296

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

Instrument :

BNA_P

ClientSampleId :

SSTD020799

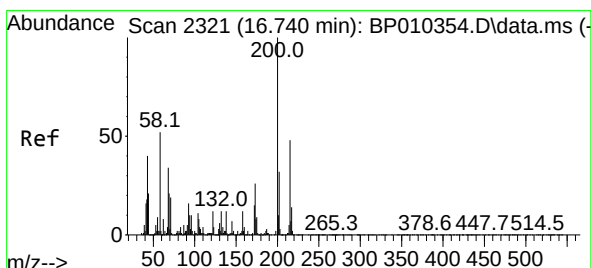
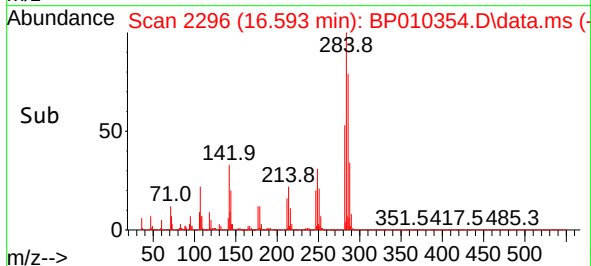
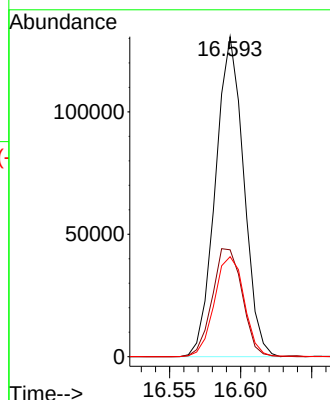
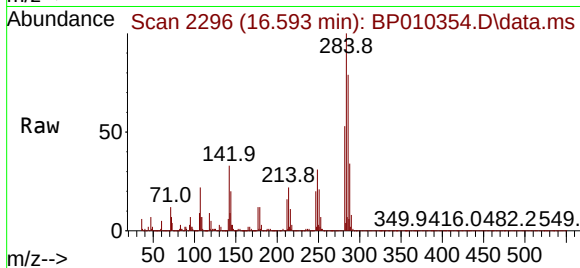
Tgt Ion:284 Resp: 181103

Ion Ratio Lower Upper

284 100

142 33.4 19.2 28.8#

249 31.3 27.4 41.2



#70

Atrazine

Concen: 19.997 ng/ul

RT: 16.740 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

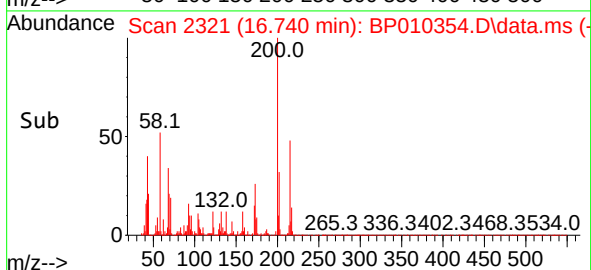
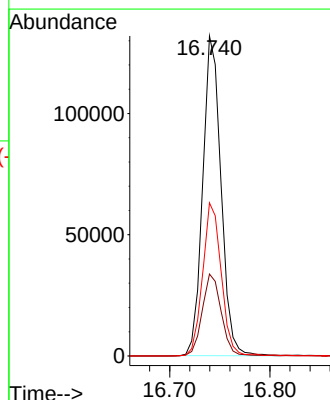
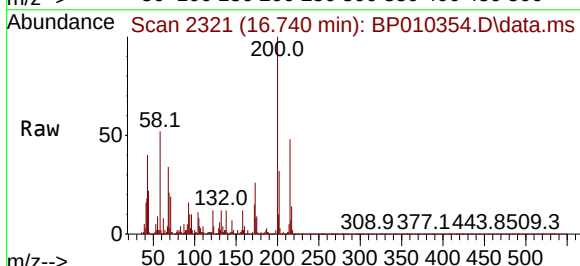
Tgt Ion:200 Resp: 167637

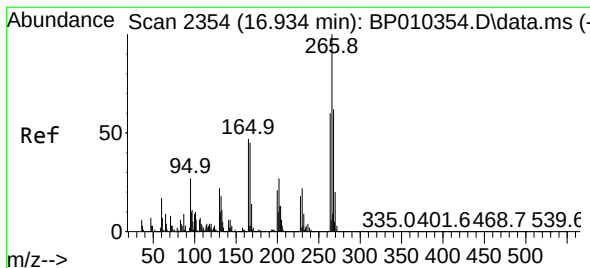
Ion Ratio Lower Upper

200 100

173 25.6 19.2 28.8

215 47.8 32.2 48.4





#71

Pentachlorophenol

Concen: 18.673 ng/ul

RT: 16.934 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

Instrument :

BNA_P

ClientSampleId :

SSTD020799

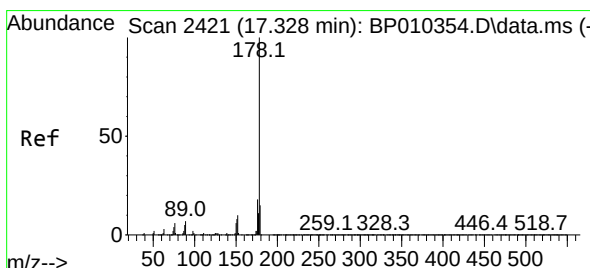
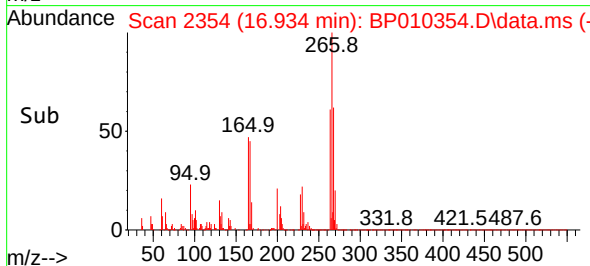
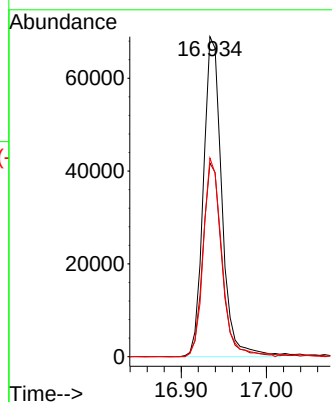
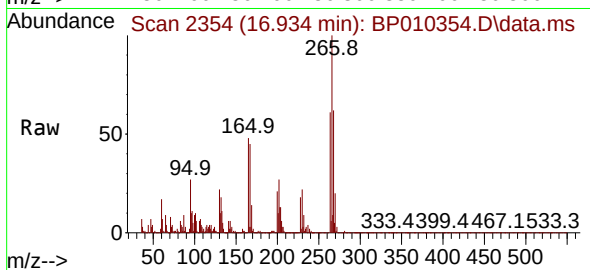
Tgt Ion:266 Resp: 103565

Ion Ratio Lower Upper

266 100

264 60.5 57.3 85.9

268 62.1 65.7 98.5#



#72

Phenanthrene

Concen: 20.841 ng/ul

RT: 17.328 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

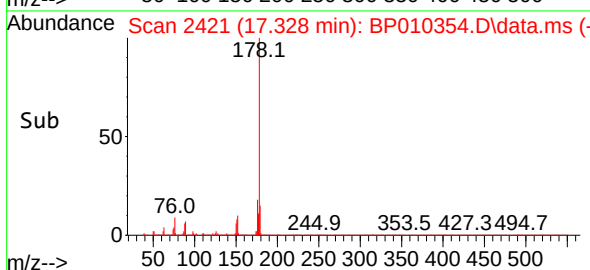
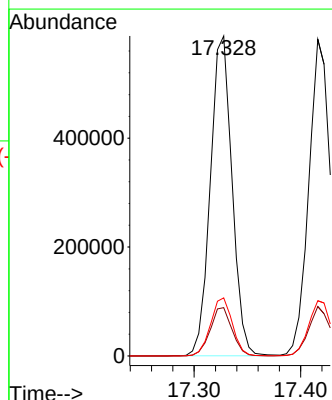
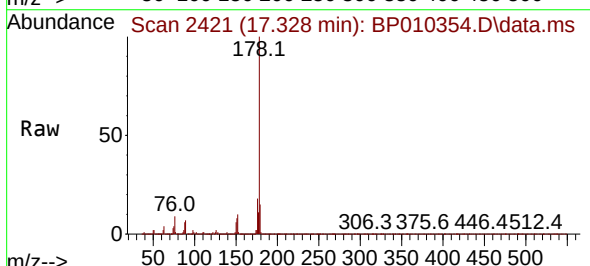
Tgt Ion:178 Resp: 829912

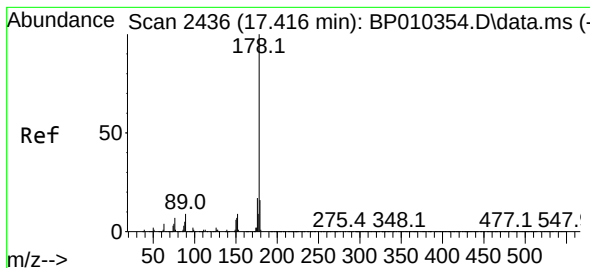
Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

176 18.2 14.5 21.7





#74

Anthracene

Concen: 20.865 ng/uI

RT: 17.416 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

Instrument :

BNA_P

ClientSampleId :

SSTD020799

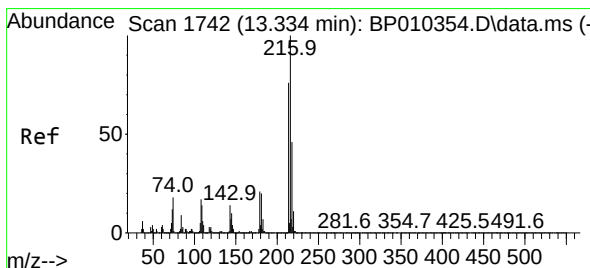
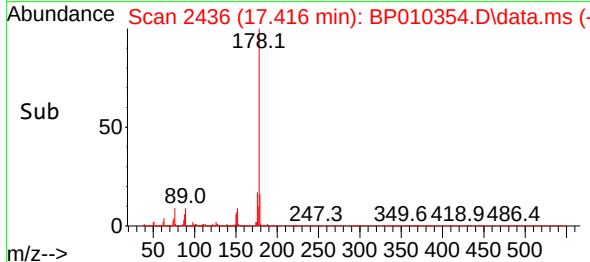
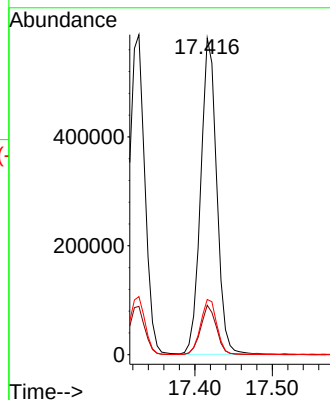
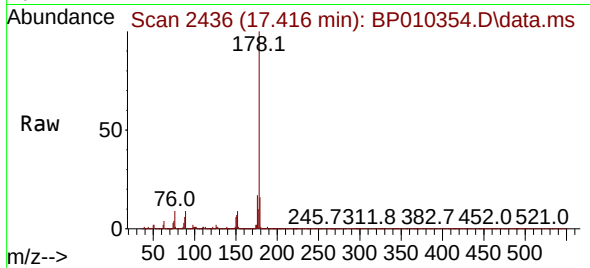
Tgt Ion:178 Resp: 833551

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 17.4 13.4 20.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.147 ng/uI

RT: 13.334 min Scan# 1742

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

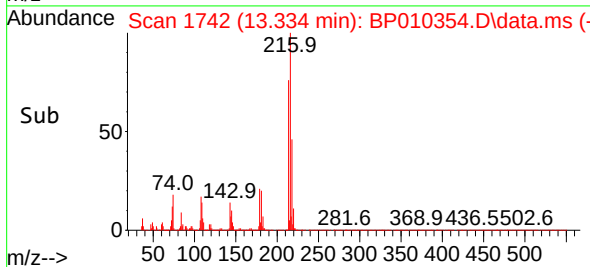
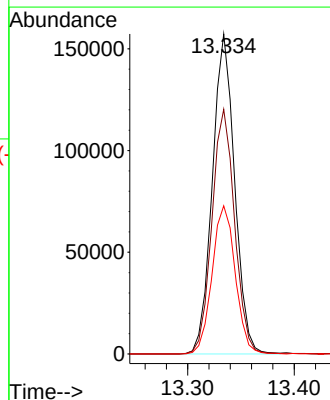
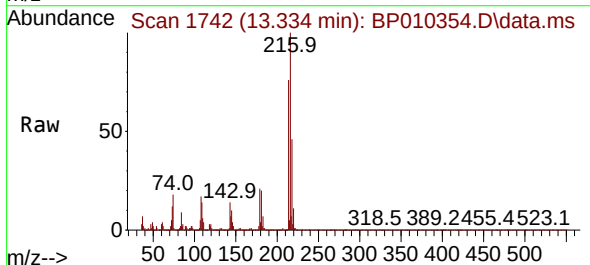
Tgt Ion:216 Resp: 228471

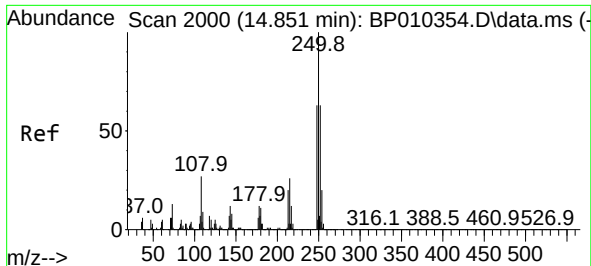
Ion Ratio Lower Upper

216 100

214 76.5 50.4 75.6#

218 46.3 35.2 52.8

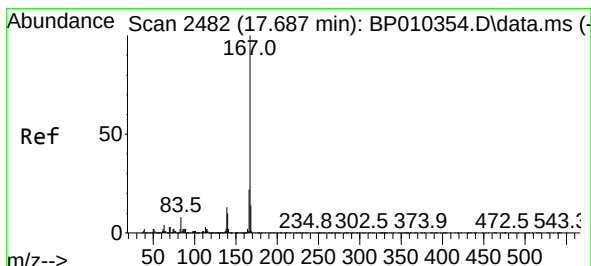
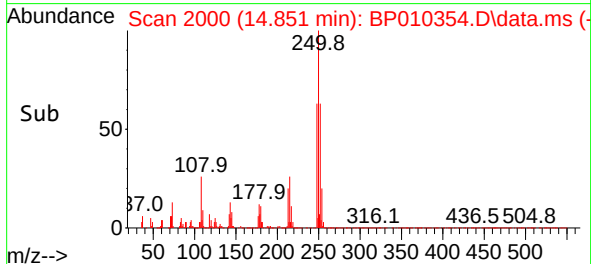
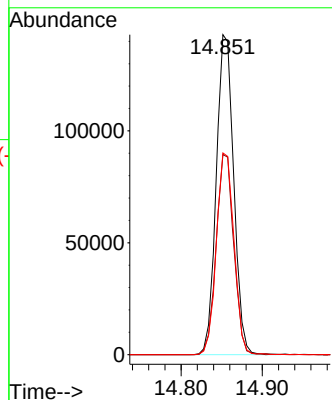
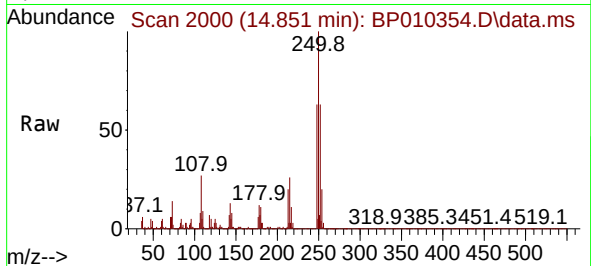




#76
 Pentachlorobenzene
 Concen: 20.769 ng/uL
 RT: 14.851 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

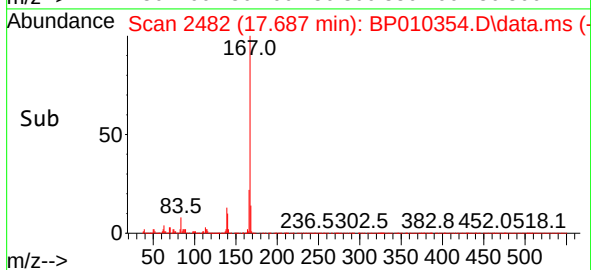
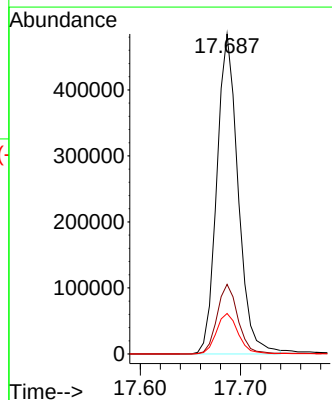
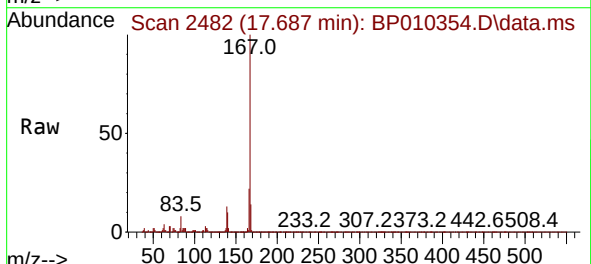
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

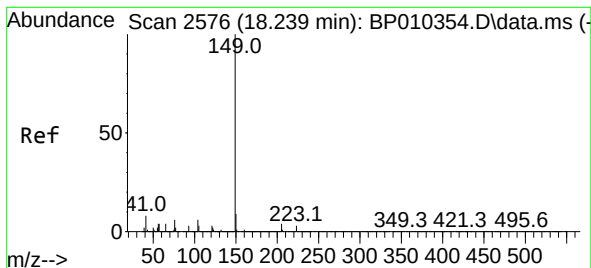
Tgt Ion:250 Resp: 213688
 Ion Ratio Lower Upper
 250 100
 248 62.6 43.5 65.3
 252 63.1 46.5 69.7



#77
 Carbazole
 Concen: 20.356 ng/uL
 RT: 17.687 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Tgt Ion:167 Resp: 714685
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.8 23.8
 139 12.7 8.3 12.5





#78

Di-n-butylphthalate

Concen: 20.787 ng/ul

RT: 18.239 min Scan# 2576

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

Instrument :

BNA_P

ClientSampleId :

SSTD020799

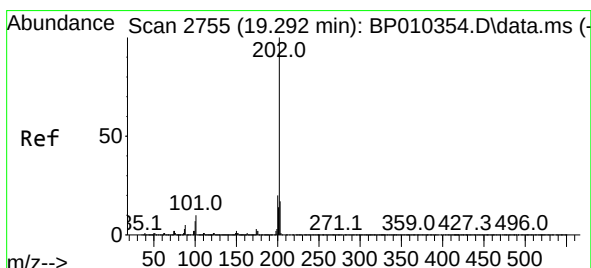
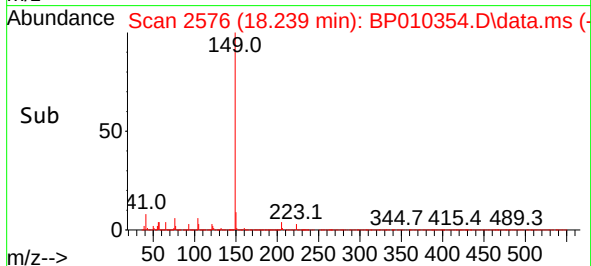
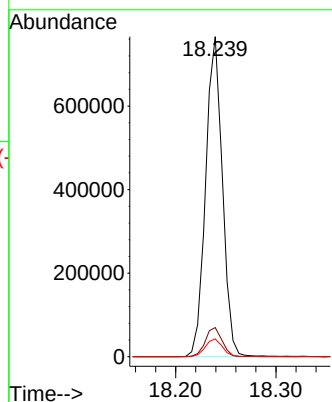
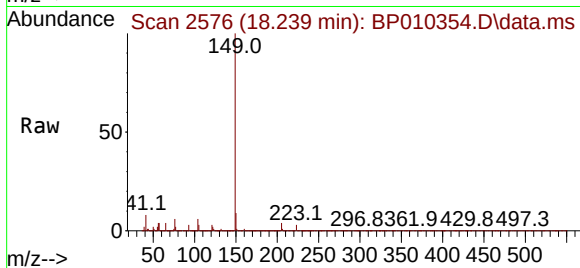
Tgt Ion:149 Resp: 888865

Ion Ratio Lower Upper

149 100

150 9.1 9.6 14.4#

104 5.5 6.2 9.4#



#80

Fluoranthene

Concen: 20.940 ng/ul

RT: 19.292 min Scan# 2755

Delta R.T. 0.006 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

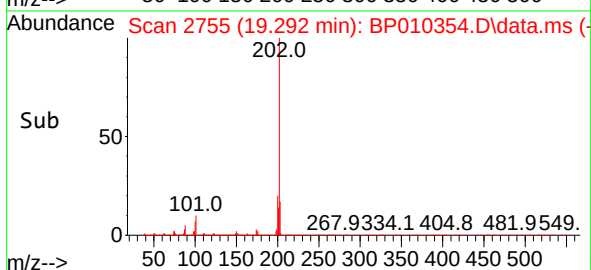
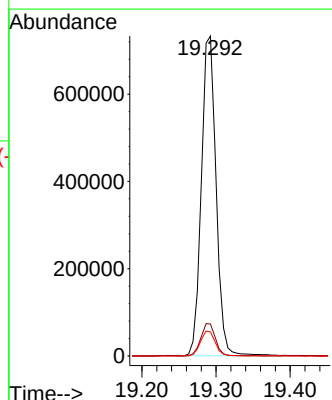
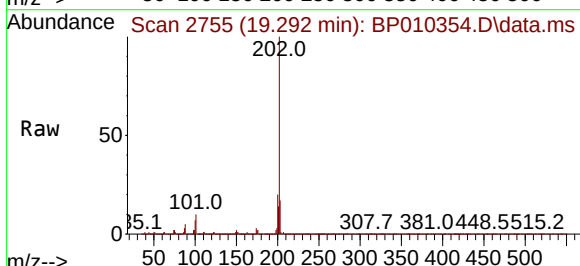
Tgt Ion:202 Resp: 1011301

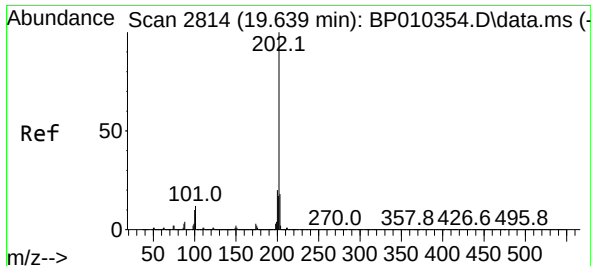
Ion Ratio Lower Upper

202 100

101 10.0 9.6 14.4

100 7.5 6.3 9.5



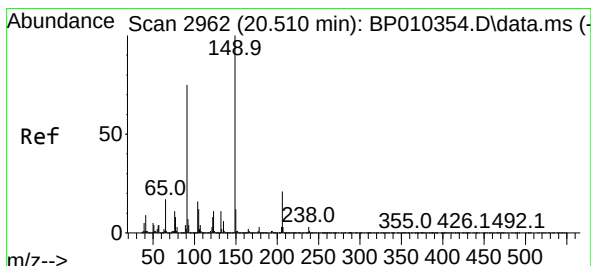
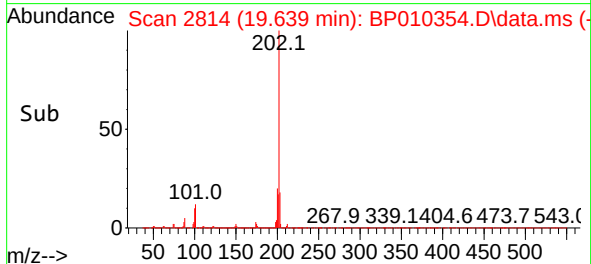
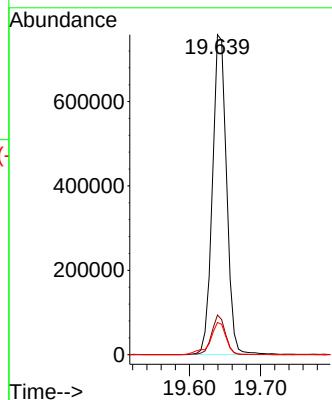
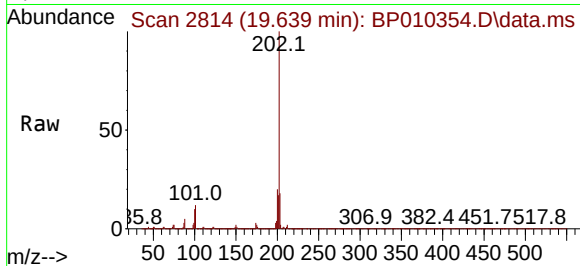


#82
 Pyrene
 Concen: 20.810 ng/ul
 RT: 19.639 min Scan# 2814
 Delta R.T. 0.000 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

Tgt Ion:202 Resp: 1048813

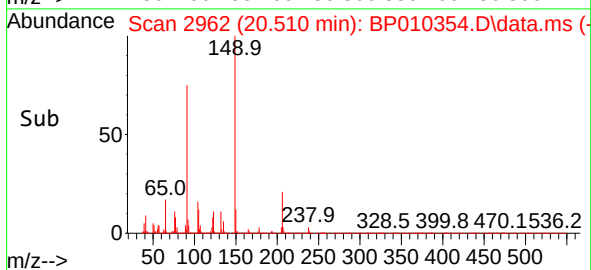
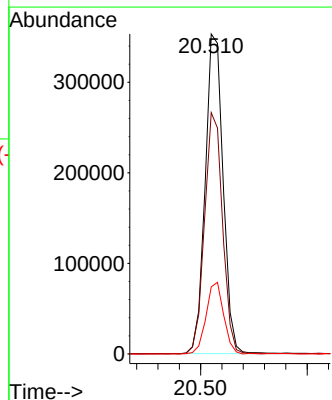
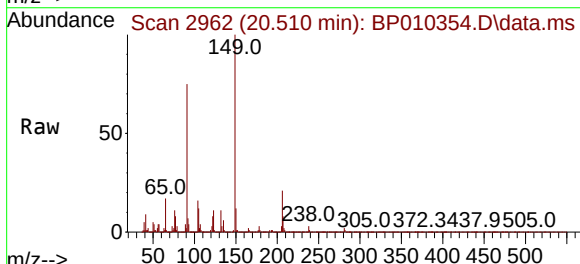
Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	15.8
100	10.0	9.8	14.6

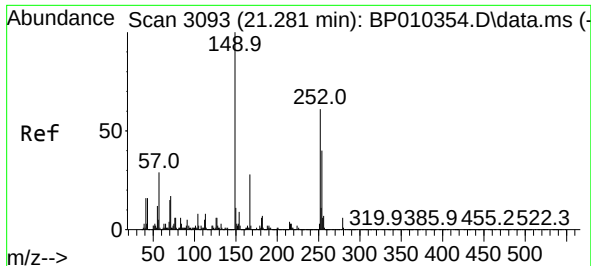


#83
 Butylbenzylphthalate
 Concen: 20.481 ng/ul
 RT: 20.510 min Scan# 2962
 Delta R.T. 0.000 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Tgt Ion:149 Resp: 412760

Ion	Ratio	Lower	Upper
149	100		
91	75.4	71.1	106.7
206	21.0	28.8	43.2

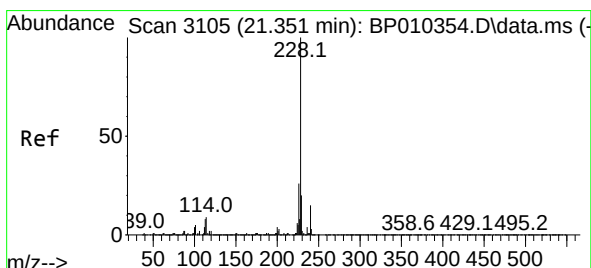
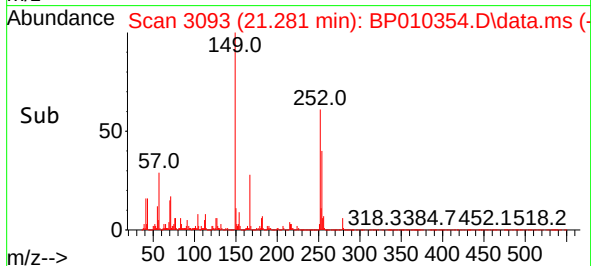
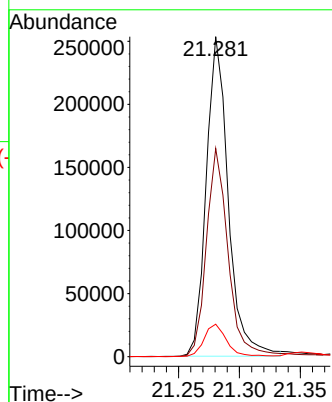
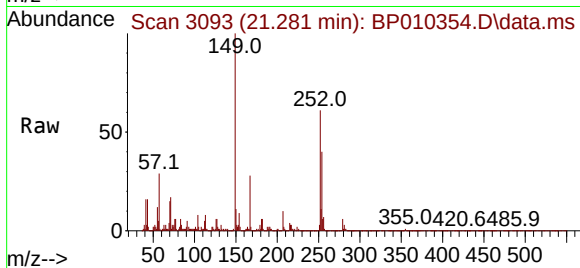




#84
 3,3'-Dichlorobenzidine
 Concen: 20.238 ng/ul
 RT: 21.281 min Scan# 3093
 Delta R.T. 0.000 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

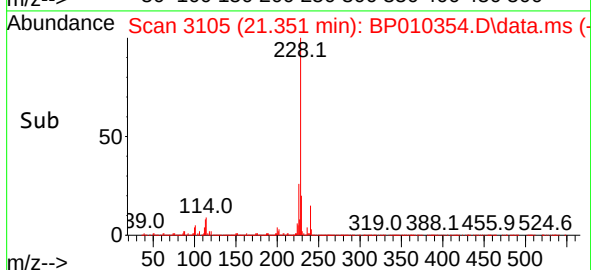
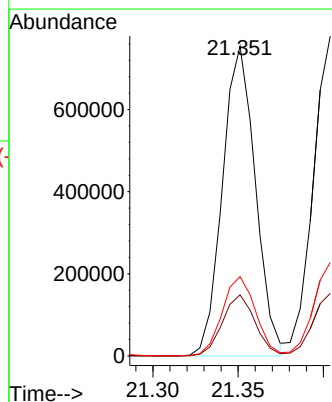
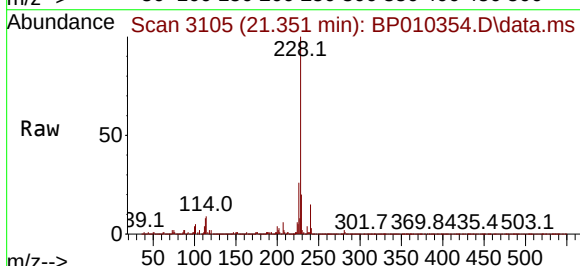
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

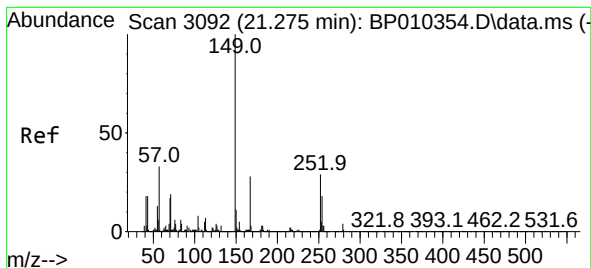
Tgt Ion:252 Resp: 318309
 Ion Ratio Lower Upper
 252 100
 254 65.1 49.8 74.6
 126 10.1 4.3 6.5#



#85
 Benzo(a)anthracene
 Concen: 20.688 ng/ul
 RT: 21.351 min Scan# 3105
 Delta R.T. 0.006 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Tgt Ion:228 Resp: 1012385
 Ion Ratio Lower Upper
 228 100
 229 19.7 18.2 27.2
 226 25.6 22.8 34.2

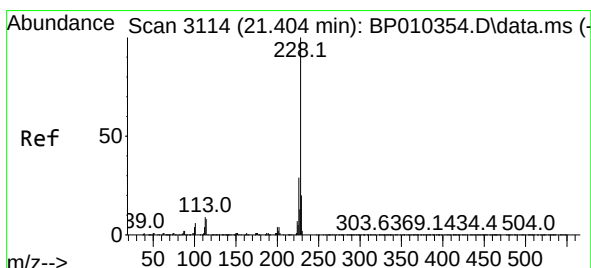
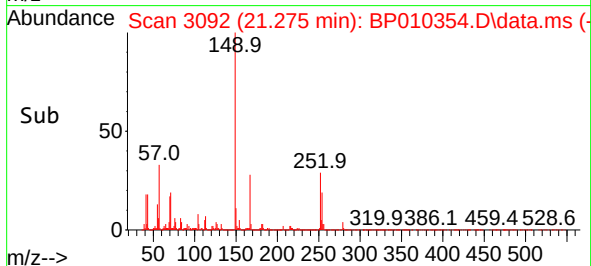
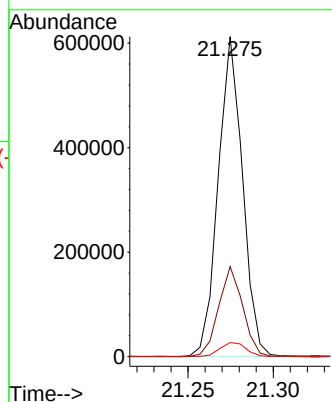
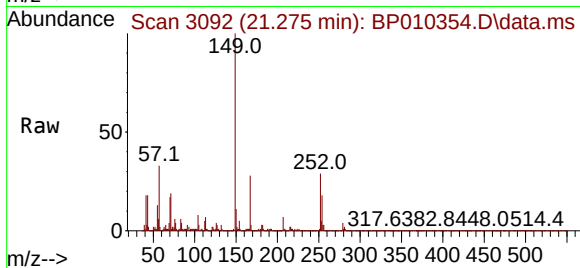




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 20.527 ng/ul
 RT: 21.275 min Scan# 3092
 Delta R.T. 0.006 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

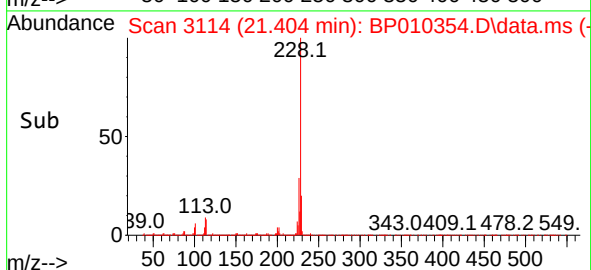
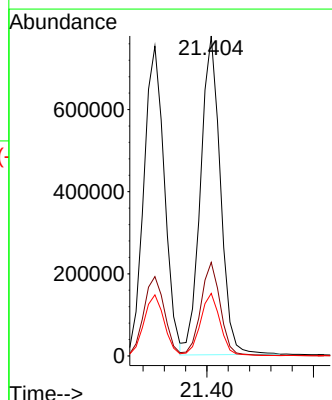
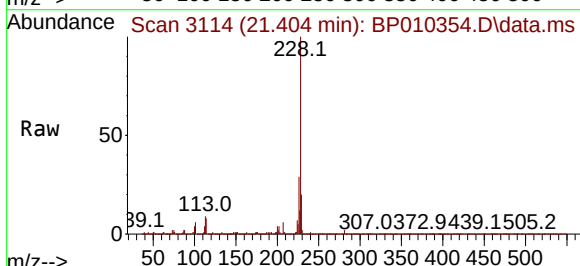
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

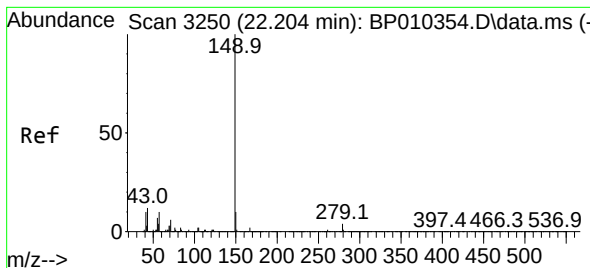
Tgt Ion:149 Resp: 607053
 Ion Ratio Lower Upper
 149 100
 167 28.1 32.8 49.2#
 279 4.4 5.6 8.4#



#87
 Chrysene
 Concen: 20.977 ng/ul
 RT: 21.404 min Scan# 3114
 Delta R.T. 0.006 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Tgt Ion:228 Resp: 1009720
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.7 34.1
 229 19.5 15.2 22.8





#89

Di-n-octyl phthalate

Concen: 20.410 ng/ul

RT: 22.204 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

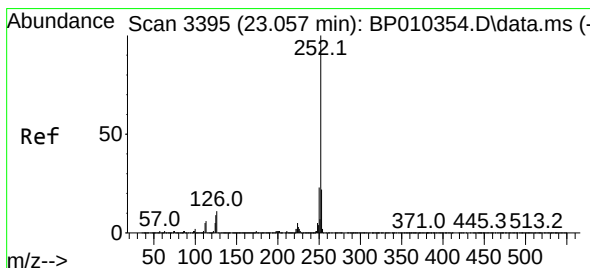
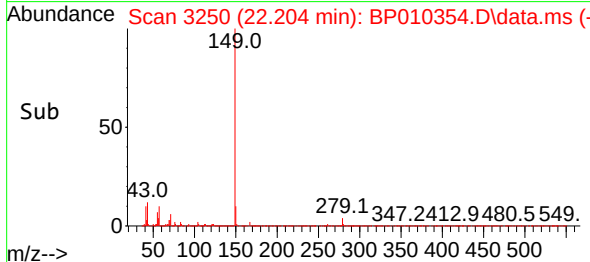
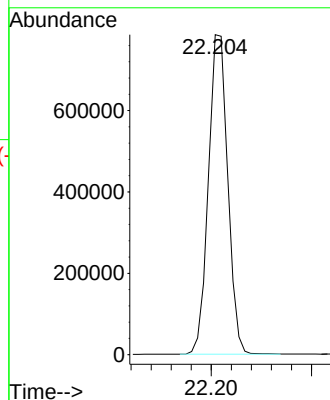
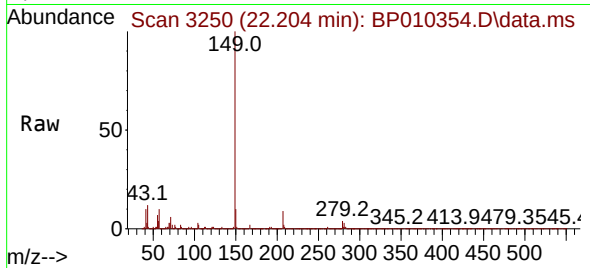
Instrument :

BNA_P

ClientSampleId :

SSTD020799

Tgt Ion:149 Resp: 1054023



#90

Benzo(b)fluoranthene

Concen: 21.536 ng/ul

RT: 23.057 min Scan# 3395

Delta R.T. 0.006 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

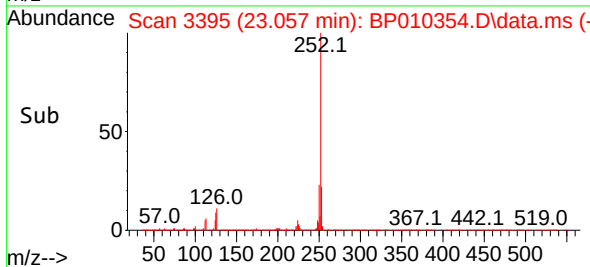
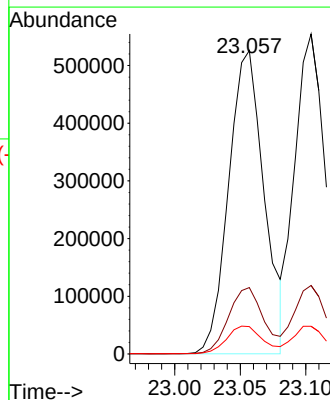
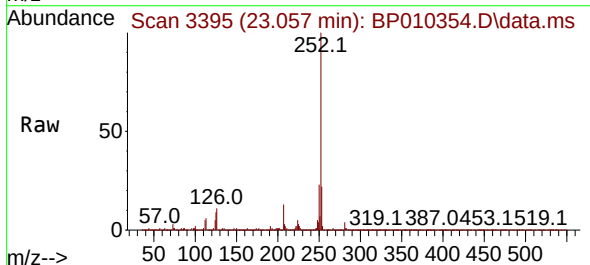
Tgt Ion:252 Resp: 988174

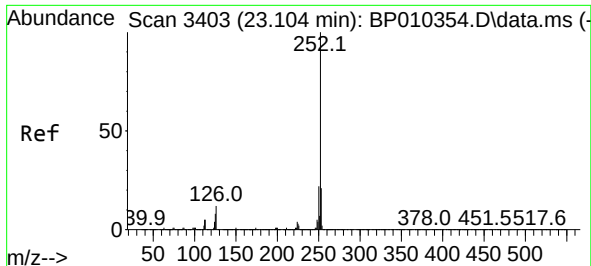
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.0 7.3 10.9

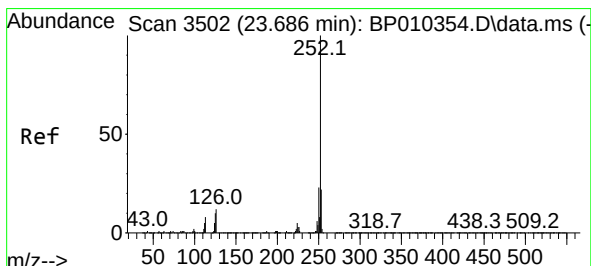
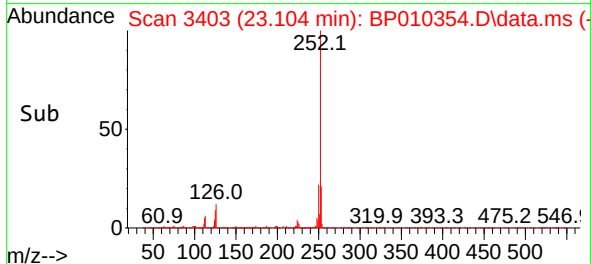
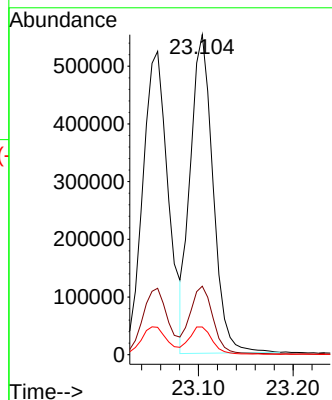
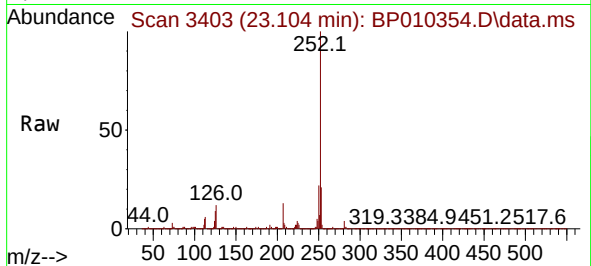




#91
Benzo(k)fluoranthene
Concen: 21.070 ng/u1
RT: 23.104 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

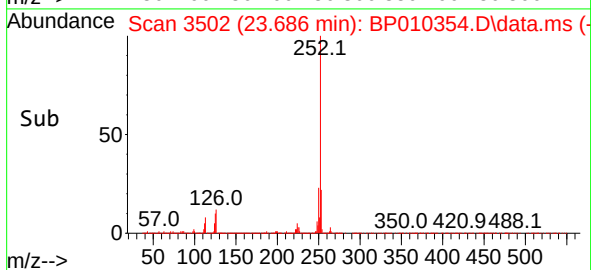
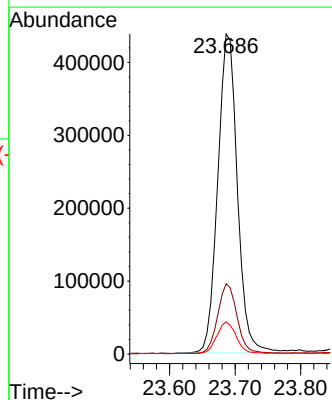
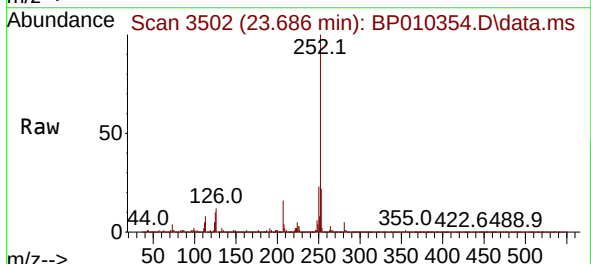
Instrument :
BNA_P
ClientSampleId :
SSTD020799

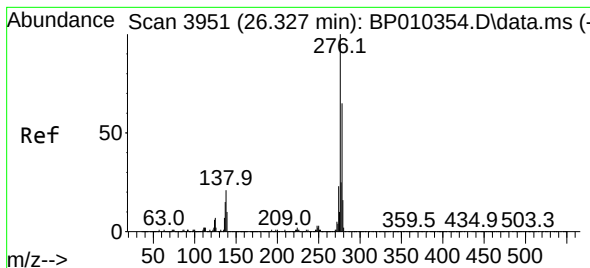
Tgt Ion:252 Resp: 918868
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 8.6 5.1 7.7#



#93
Benzo(a)pyrene
Concen: 21.289 ng/u1
RT: 23.686 min Scan# 3502
Delta R.T. 0.006 min
Lab File: BP010354.D
Acq: 16 May 2022 12:52

Tgt Ion:252 Resp: 907583
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 6.4 9.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 20.559 ng/ul

RT: 26.327 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

Instrument :

BNA_P

ClientSampleId :

SSTD020799

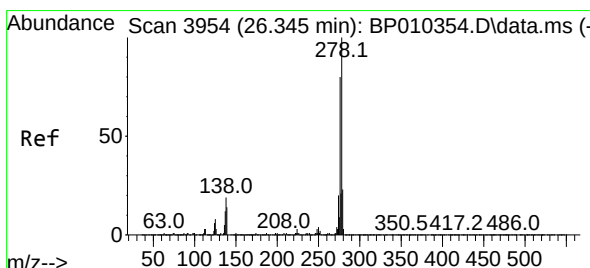
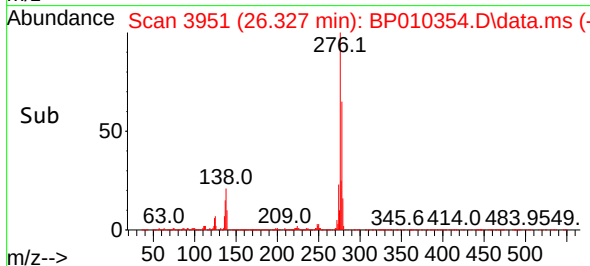
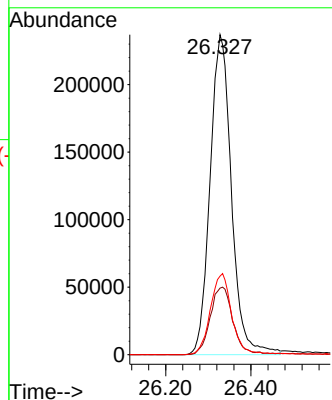
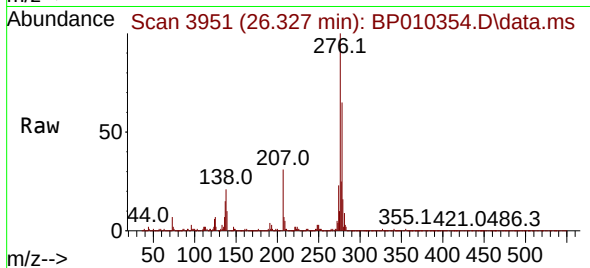
Tgt Ion:276 Resp: 824551

Ion Ratio Lower Upper

276 100

138 20.8 12.3 18.5#

277 24.6 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 20.276 ng/ul

RT: 26.345 min Scan# 3954

Delta R.T. 0.012 min

Lab File: BP010354.D

Acq: 16 May 2022 12:52

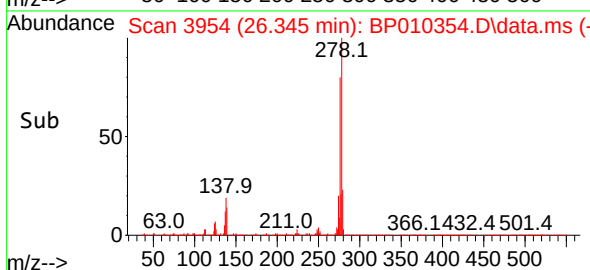
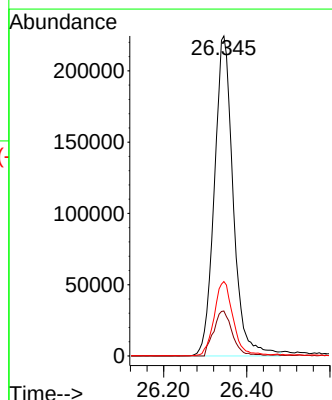
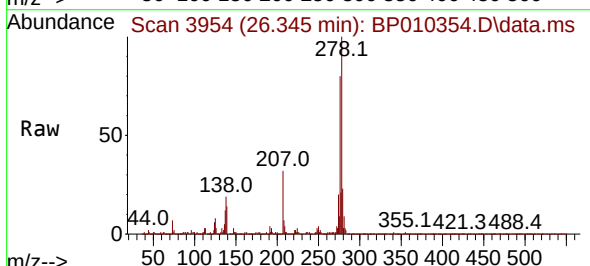
Tgt Ion:278 Resp: 705608

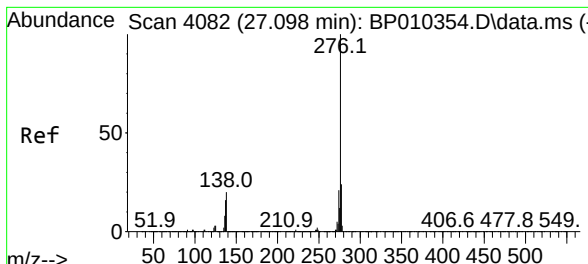
Ion Ratio Lower Upper

278 100

139 14.1 6.6 10.0#

279 23.2 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 20.549 ng/ul
 RT: 27.098 min Scan# 4082
 Delta R.T. 0.006 min
 Lab File: BP010354.D
 Acq: 16 May 2022 12:52

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020799

Tgt Ion:276 Resp: 688140

Ion	Ratio	Lower	Upper
276	100		
138	19.9	11.6	17.4#
277	24.4	15.9	23.9#

