

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015504.D
 Acq On : 13 Jun 2023 20:06
 Operator : MA/JU
 Sample : SP6215
 Misc : SFAM SPIKE
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP6215

Quant Time: Jun 14 01:04:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	146143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	666668	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	432374	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	998633	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	914895	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	975329	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	130631	31.336	ng/uL	91
5) Pyridine	3.864	79	849250	79.909	ng/u1	96
6) Benzaldehyde	7.222	77	702493	136.507	ng/u1	98
8) Phenol	7.275	94	1231176	88.637	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.510	93	925939	84.313	ng/u1	99
12) 2-Chlorophenol	7.652	128	947236	91.844	ng/u1	98
13) 2-Methylphenol	8.540	108	955099	89.369	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1251820	86.017	ng/u1	98
16) Acetophenone	8.928	105	1487860	84.373	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	790579	83.064	ng/u1	98
18) 4-Methylphenol	8.875	108	1046990	89.041	ng/u1	98
19) Hexachloroethane	9.181	117	384333	88.185	ng/u1	99
22) Nitrobenzene	9.316	77	1211948	87.314	ng/u1	100
23) Isophorone	9.846	82	2319728	83.486	ng/u1	99
25) 2-Nitrophenol	10.028	139	562721	87.197	ng/u1	99
26) 2,4-Dimethylphenol	10.087	107	1196545	87.430	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.322	93	1347320	83.403	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	979216	90.326	ng/u1	99
30) Naphthalene	10.969	128	2993571	82.865	ng/u1	99
32) 4-Chloroaniline	11.087	127	1125663	69.512	ng/u1	100
33) Hexachlorobutadiene	11.246	225	621899	85.063	ng/u1	98
34) Caprolactam	11.904	113	330175	80.907	ng/u1	94
35) 4-Chloro-3-methylphenol	12.204	107	1139955	86.788	ng/u1	98
36) 2-Methylnaphthalene	12.569	142	2080447	81.919	ng/u1	99

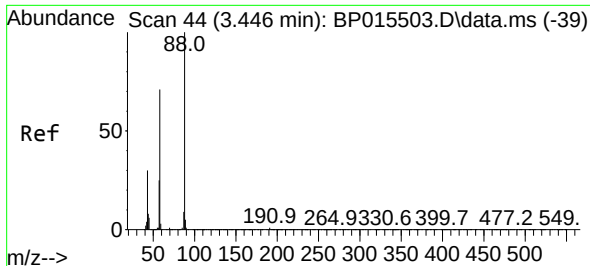
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	2074555	81.132	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	1172623	87.094	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	657608	119.155	ng/ul	95
41) 2,4,6-Trichlorophenol	13.175	196	817082	91.181	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	891851	91.331	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	2844003	85.055	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	2244485	85.556	ng/ul	99
45) 2-Nitroaniline	13.828	65	788917	93.962	ng/ul	95
47) Dimethylphthalate	14.192	163	2941043	83.545	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	649982	90.121	ng/ul	100
50) Acenaphthylene	14.463	152	3504262	84.877	ng/ul	100
51) 3-Nitroaniline	14.657	138	606714	101.902	ng/ul	100
52) Acenaphthene	14.804	153	2384481	83.552	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	393903	90.791	ng/ul	99
55) 4-Nitrophenol	14.957	109	496043	84.226	ng/ul	93
56) Dibenzofuran	15.139	168	3334828	82.445	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	919391	86.671	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	774196	87.808	ng/ul	98
59) Diethylphthalate	15.551	149	2991587	82.917	ng/ul	100
61) Fluorene	15.787	166	2675249	81.133	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	1351635	81.334	ng/ul	98
63) 4-Nitroaniline	15.822	138	639045	113.156	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	530838	82.271	ng/ul	97
67) N-Nitrosodiphenylamine	15.992	169	2340963	82.629	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	908548	85.040	ng/ul	100
69) Hexachlorobenzene	16.792	284	1060689	84.165	ng/ul	95
70) Atrazine	16.951	200	932965	82.465	ng/ul	99
71) Pentachlorophenol	17.139	266	677175	95.068	ng/ul	99
72) Phenanthrene	17.539	178	4421258	82.501	ng/ul	100
74) Anthracene	17.628	178	4470071	82.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.540	216	1223479	88.770	ng/uL	100
76) Pentachlorobenzene	15.057	250	2670367	185.052	ng/uL	97
77) Carbazole	17.898	167	4069904	83.127	ng/ul	99
78) Di-n-butylphthalate	18.422	149	5300457	85.327	ng/ul	99
80) Fluoranthene	19.492	202	5375001	90.115	ng/ul	98
82) Pyrene	19.845	202	5498744	89.108	ng/ul	98
83) Butylbenzylphthalate	20.698	149	2613041	95.805	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	1870387	86.534	ng/ul	99
85) Benzo(a)anthracene	21.557	228	5404012	84.493	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	3841532	95.290	ng/ul	100
87) Chrysene	21.616	228	4978024	82.344	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	6688649	104.345	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	5638344	89.558	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	5174705	85.029	ng/ul	99
93) Benzo(a)pyrene	24.015	252	4667514	85.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	5466121	76.948	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	4518634	78.078	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	4399031	75.144	ng/ul	100

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

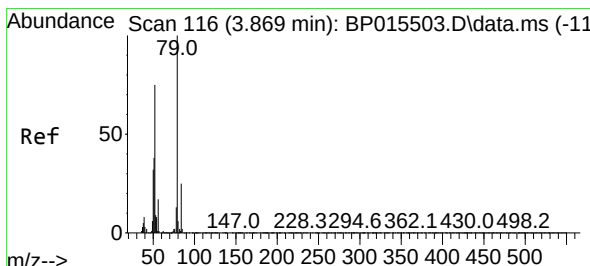
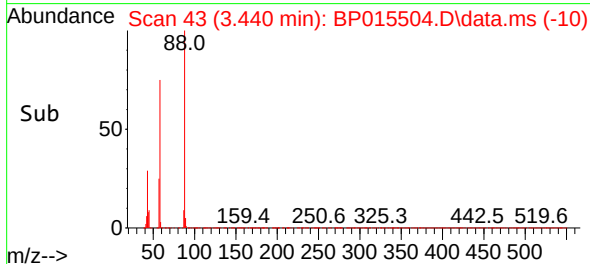
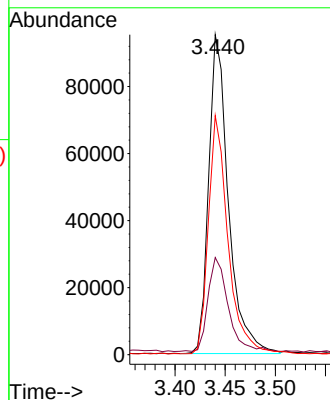
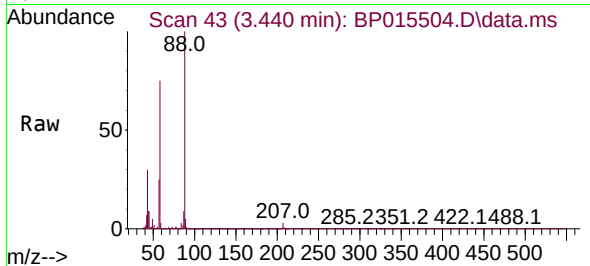


#2
 1,4-Dioxane
 Concen: 31.336 ng/uL
 RT: 3.440 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP015504.D
 Acq: 13 Jun 2023 20:06

Instrument :
 BNA_P
 ClientSampleId :
 SP6215

Tgt Ion: 88 Resp: 130631

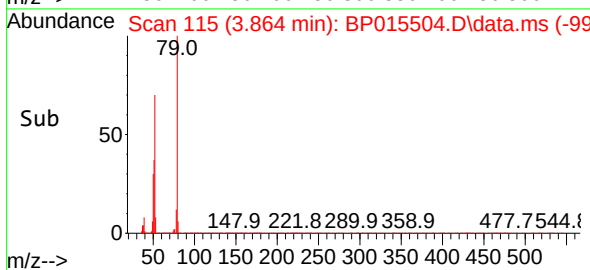
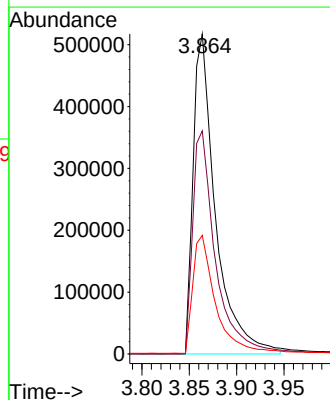
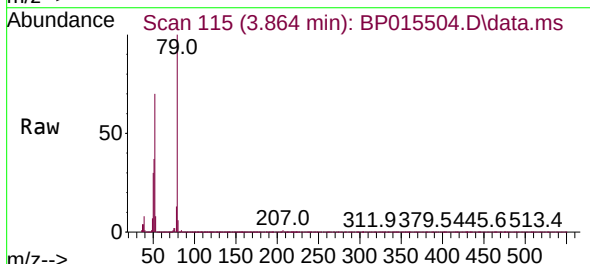
Ion	Ratio	Lower	Upper
88	100		
43	30.4	23.9	35.9
58	74.7	51.4	77.2

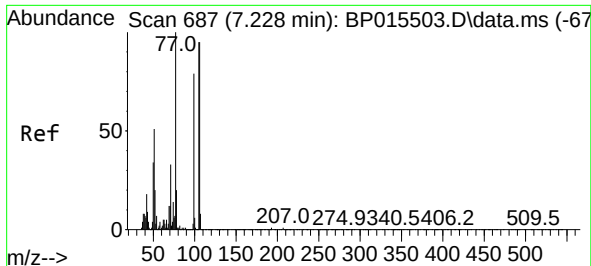


#5
 Pyridine
 Concen: 79.909 ng/uL
 RT: 3.864 min Scan# 115
 Delta R.T. -0.006 min
 Lab File: BP015504.D
 Acq: 13 Jun 2023 20:06

Tgt Ion: 79 Resp: 849250

Ion	Ratio	Lower	Upper
79	100		
52	69.7	59.5	89.3
51	37.1	29.8	44.6

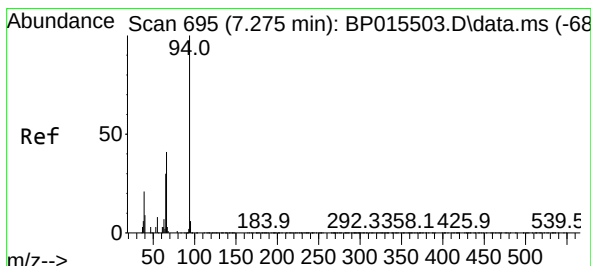
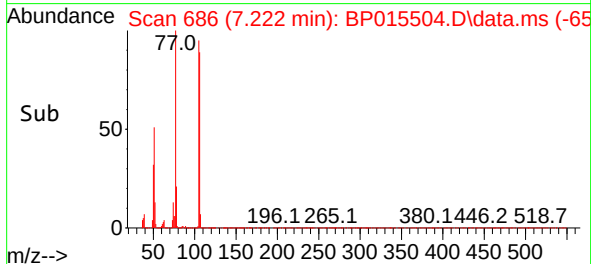
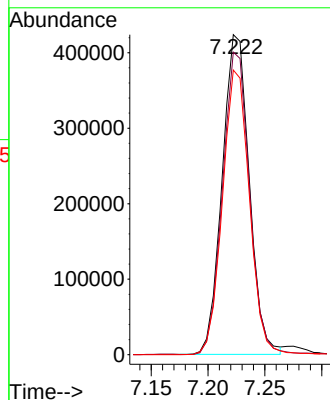
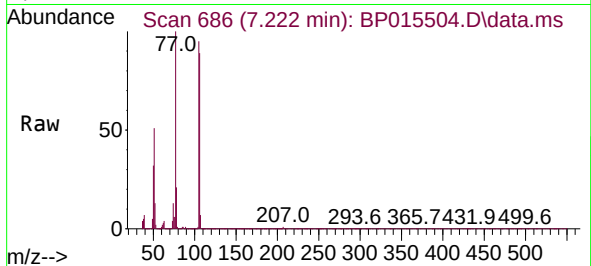




#6
Benzaldehyde
Concen: 136.507 ng/ul
RT: 7.222 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

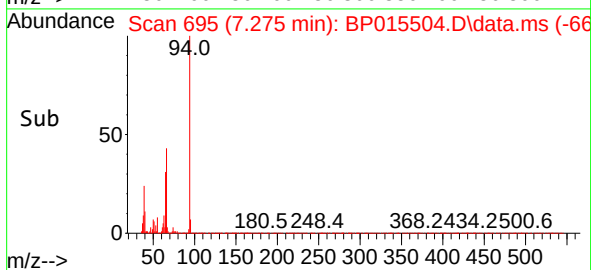
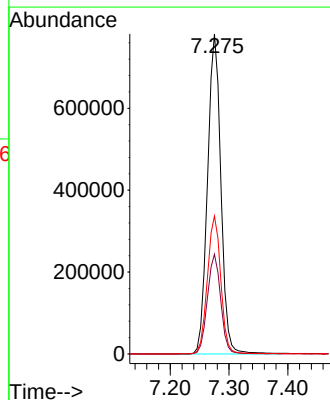
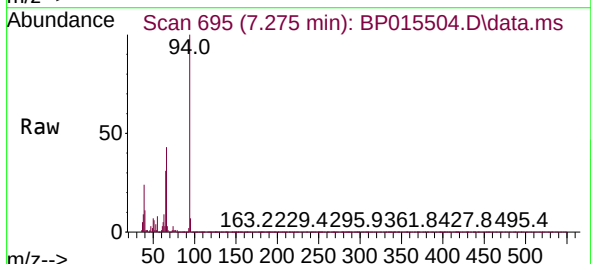
Instrument :
BNA_P
ClientSampleId :
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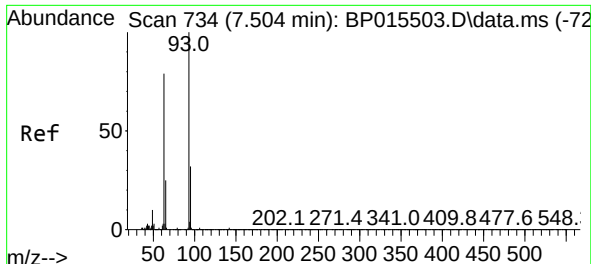
Tgt Ion: 77 Resp: 702493
Ion Ratio Lower Upper
77 100
105 94.6 77.3 115.9
106 89.0 73.3 109.9



#8
Phenol
Concen: 88.637 ng/ul
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion: 94 Resp: 1231176
Ion Ratio Lower Upper
94 100
65 31.1 23.5 35.3
66 43.1 34.2 51.4

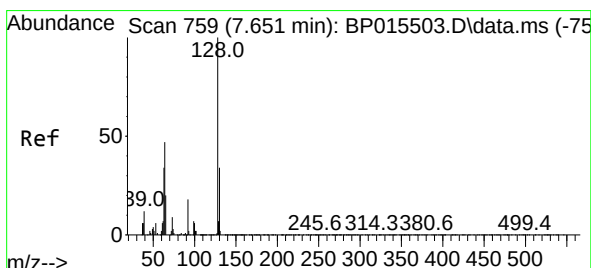
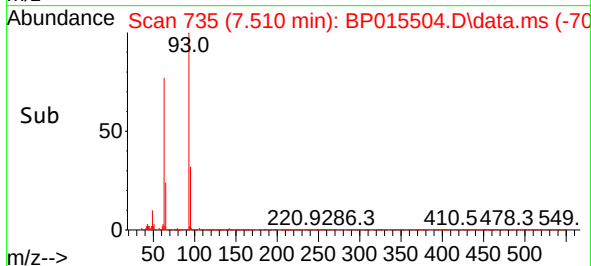
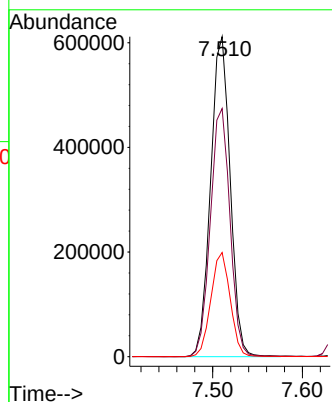
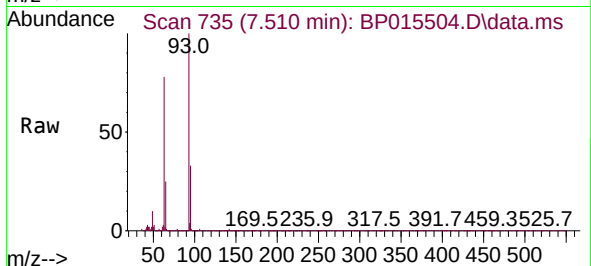




#10
Bis(2-Chloroethyl)ether
Concen: 84.313 ng/ul
RT: 7.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

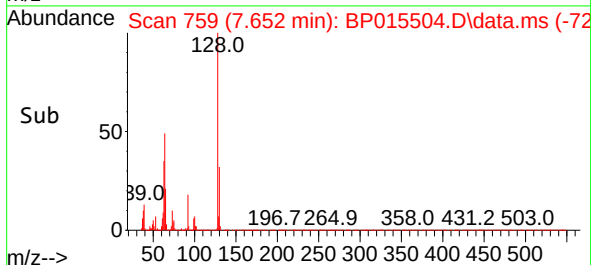
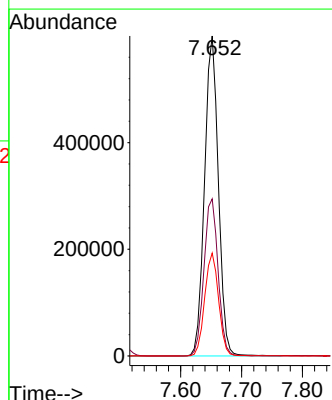
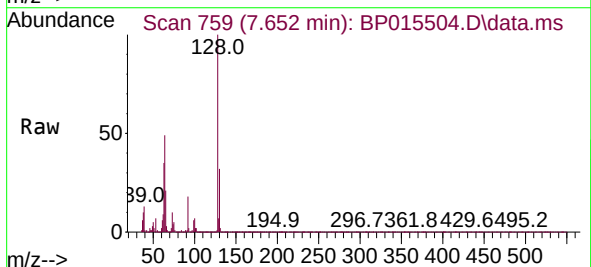
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BNA_P
ClientSampleId :
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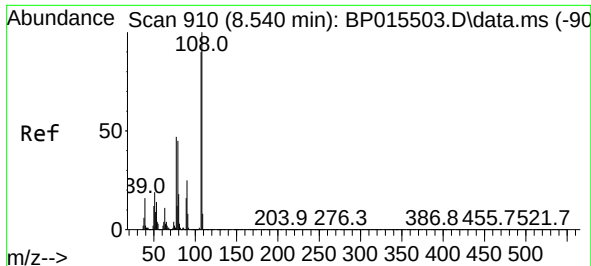
Tgt Ion: 93 Resp: 925939
Ion Ratio Lower Upper
93 100
63 77.6 62.6 93.8
95 32.6 25.5 38.3



#12
2-Chlorophenol
Concen: 91.844 ng/ul
RT: 7.652 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:128 Resp: 947236
Ion Ratio Lower Upper
128 100
64 49.1 40.2 60.4
130 32.2 24.5 36.7

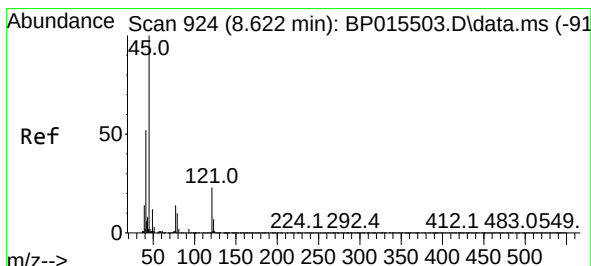
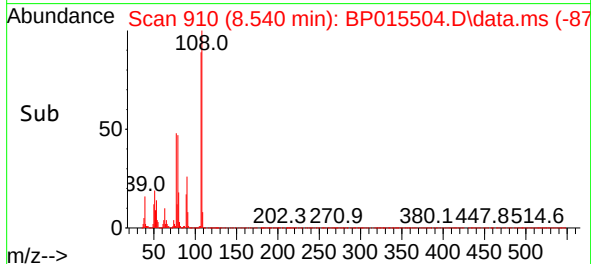
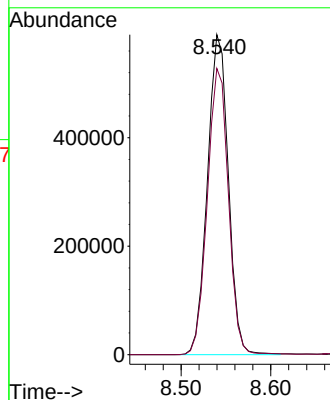
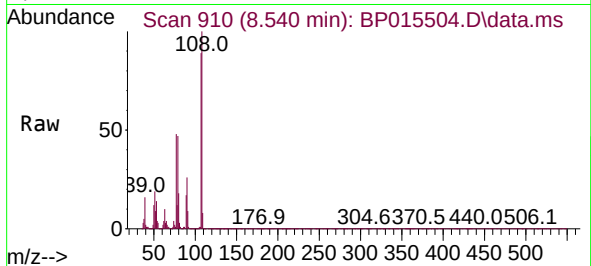




#13
2-Methylphenol
Concen: 89.369 ng/ul
RT: 8.540 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

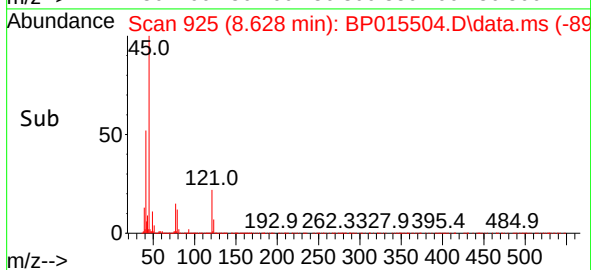
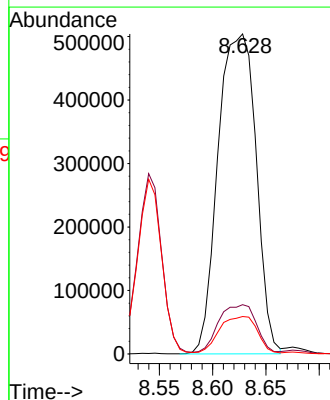
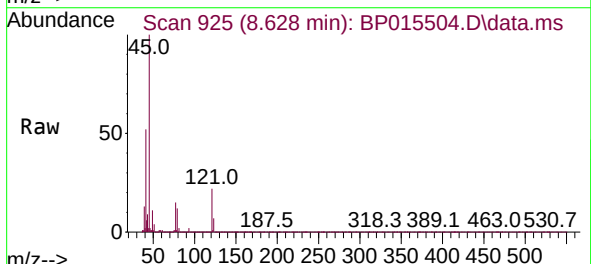
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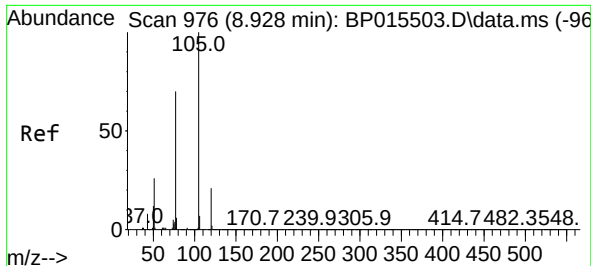
Tgt Ion:108 Resp: 955099
Ion Ratio Lower Upper
108 100
107 89.4 71.2 106.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 86.017 ng/ul
RT: 8.628 min Scan# 925
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion: 45 Resp: 1251820
Ion Ratio Lower Upper
45 100
77 15.4 11.8 17.8
79 11.7 8.7 13.1

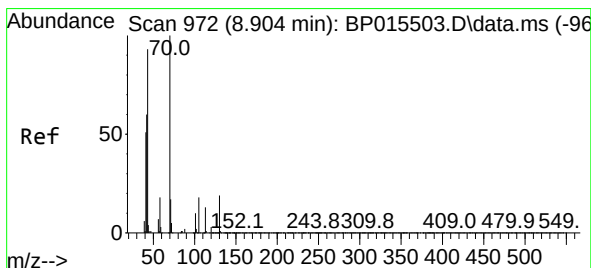
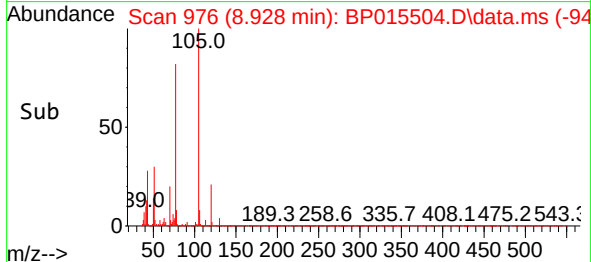
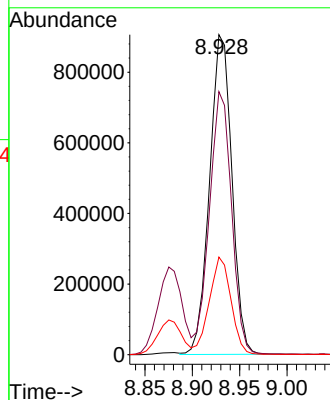
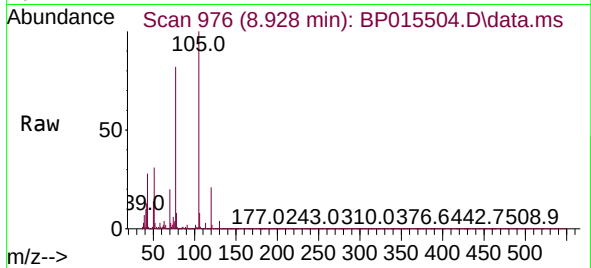




#16
Acetophenone
Concen: 84.373 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

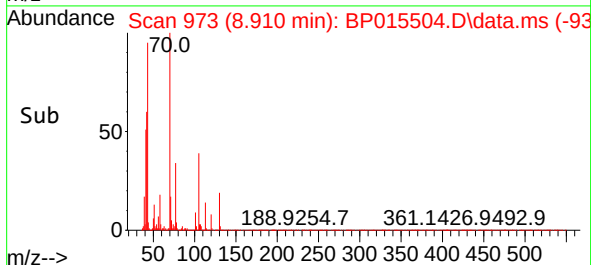
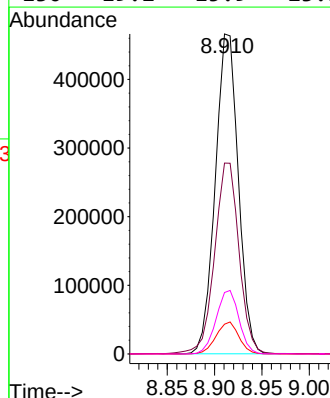
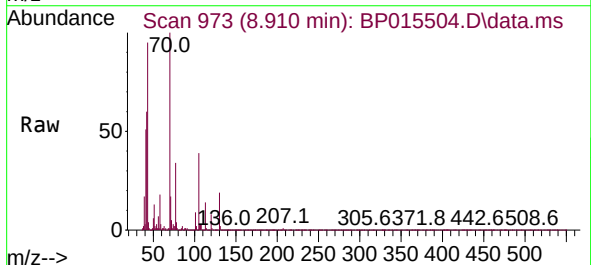
Instrument :
BNA_P
ClientSampleId :
SP6215

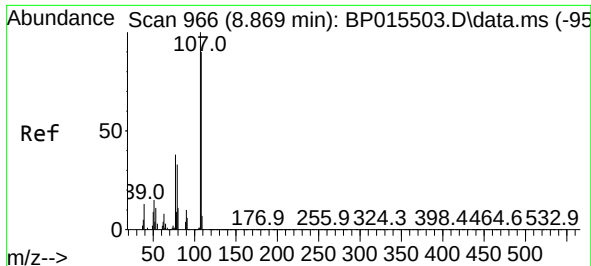
Tgt Ion:105 Resp: 1487860
Ion Ratio Lower Upper
105 100
77 82.2 64.9 97.3
51 30.5 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 83.064 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion: 70 Resp: 790579
Ion Ratio Lower Upper
70 100
42 59.7 46.6 69.8
101 9.3 7.8 11.6
130 19.2 15.9 23.9

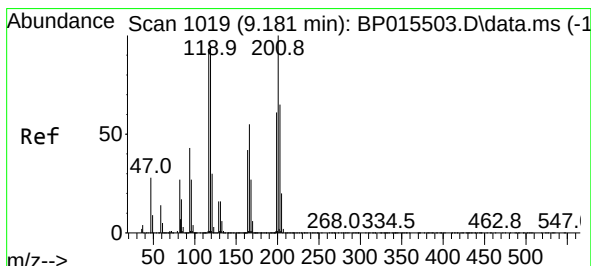
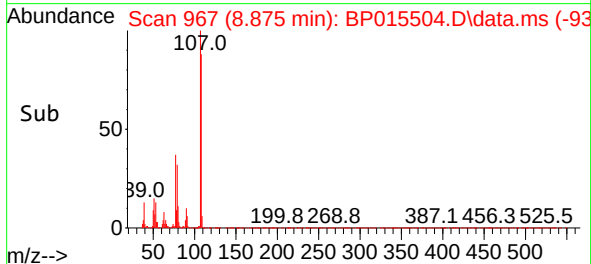
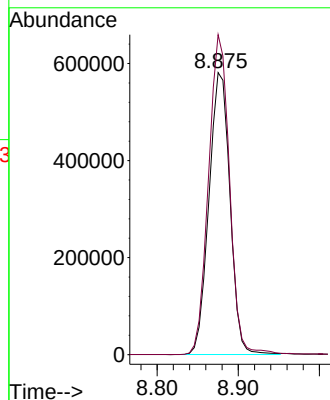
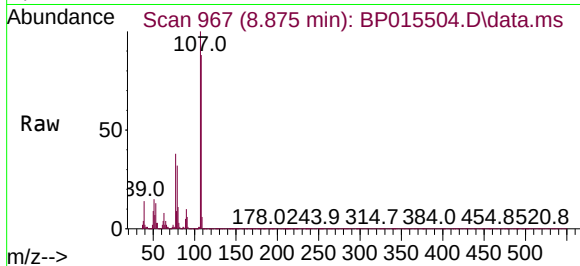




#18
4-Methylphenol
Concen: 89.041 ng/ul
RT: 8.875 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

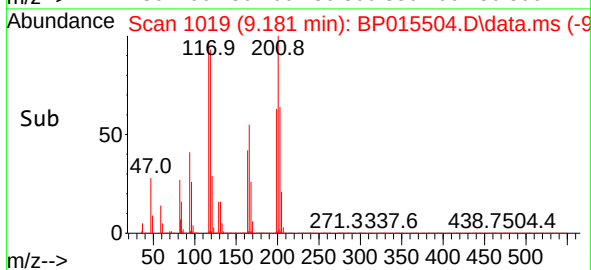
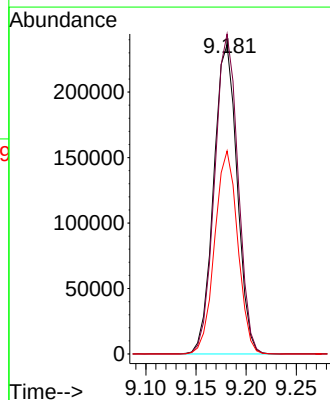
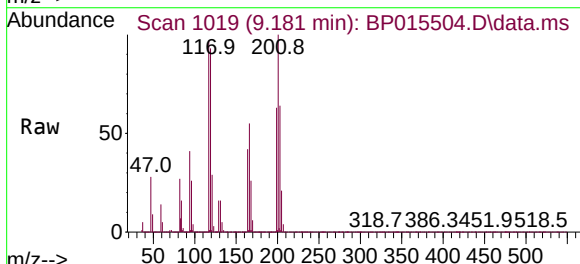
Instrument :
BNA_P
ClientSampleId :
SP6215

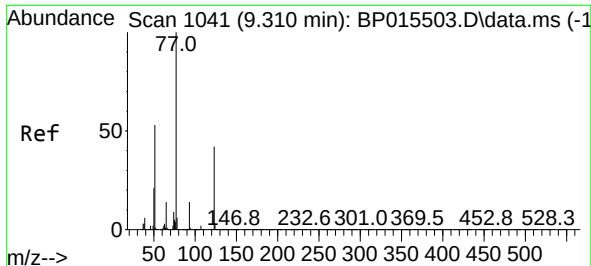
Tgt Ion:108 Resp: 1046990
Ion Ratio Lower Upper
108 100
107 113.4 89.3 133.9



#19
Hexachloroethane
Concen: 88.185 ng/ul
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:117 Resp: 384333
Ion Ratio Lower Upper
117 100
201 103.4 82.8 124.2
199 65.7 50.6 76.0

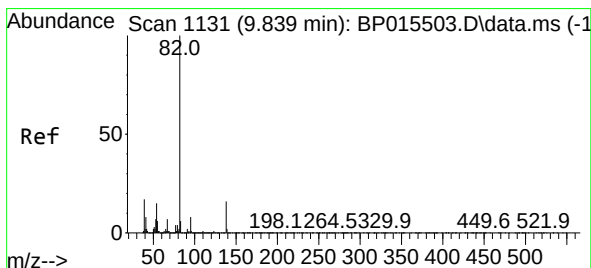
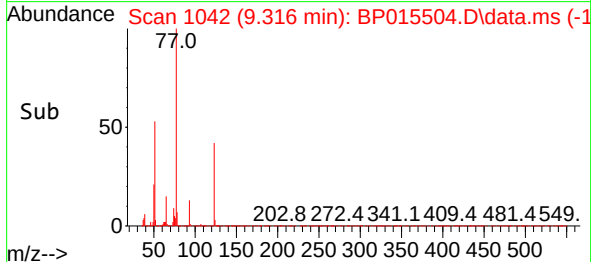
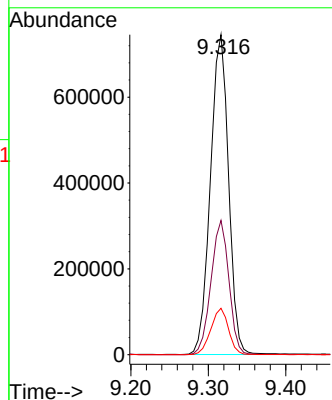
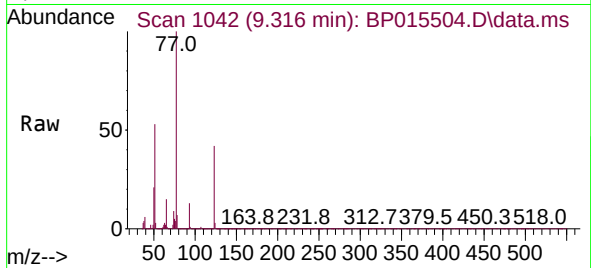




#22
Nitrobenzene
Concen: 87.314 ng/ul
RT: 9.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

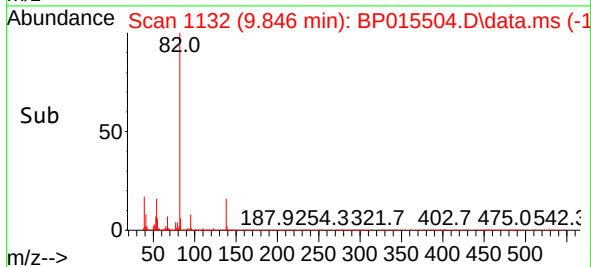
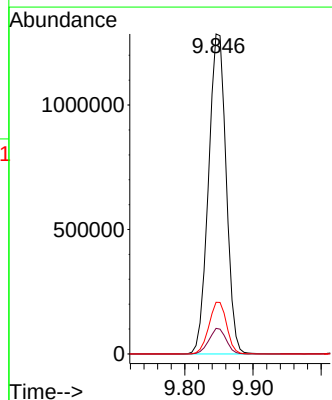
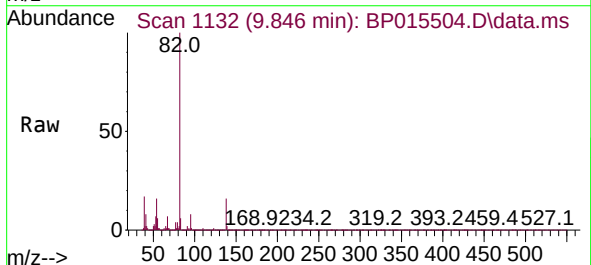
Instrument :
BNA_P
ClientSampleId :
SP6215

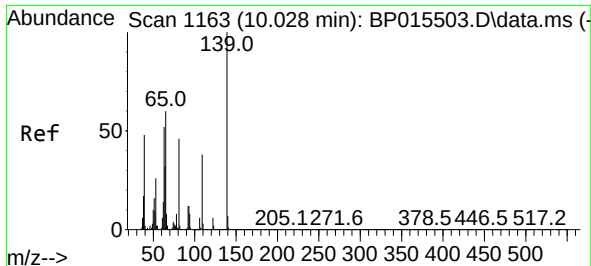
Tgt Ion: 77 Resp: 1211948
Ion Ratio Lower Upper
77 100
123 42.0 33.5 50.3
65 14.5 11.6 17.4



#23
Isophorone
Concen: 83.486 ng/ul
RT: 9.846 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion: 82 Resp: 2319728
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 16.1 13.1 19.7

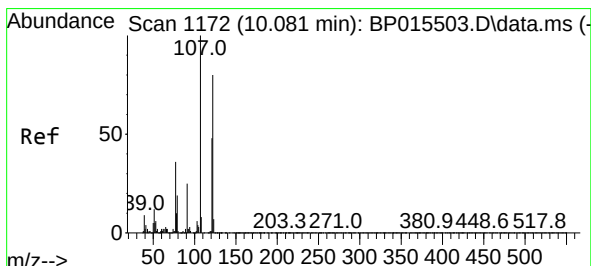
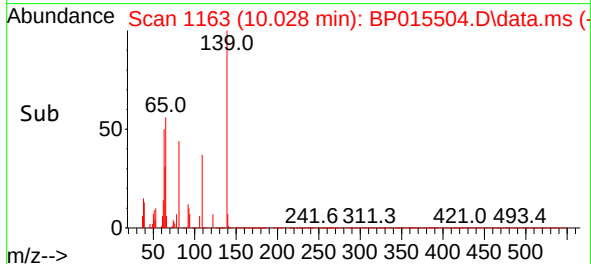
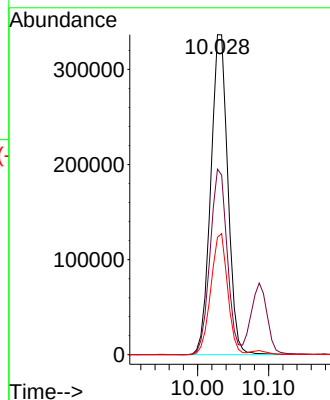
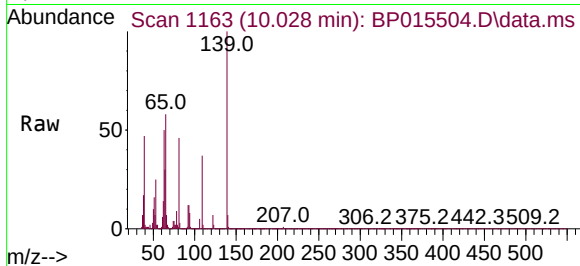




#25
2-Nitrophenol
Concen: 87.197 ng/ul
RT: 10.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

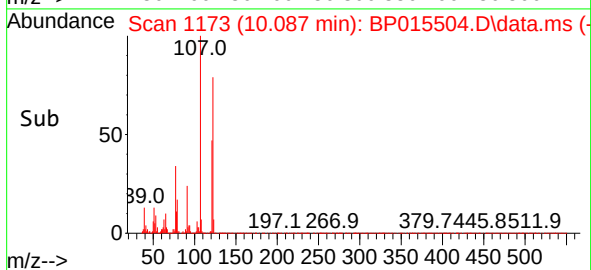
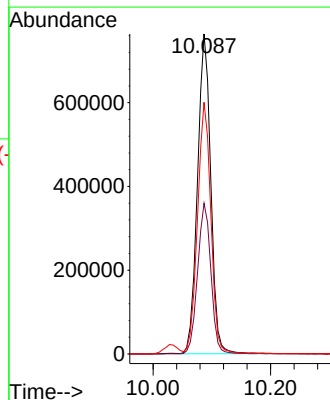
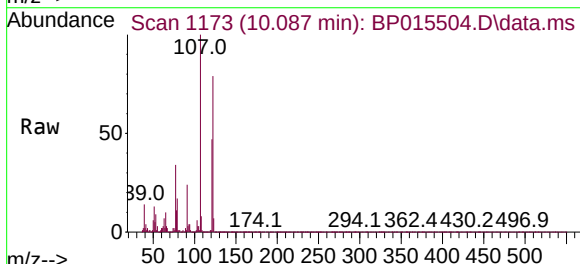
Instrument :
BNA_P
ClientSampleId :
SP6215

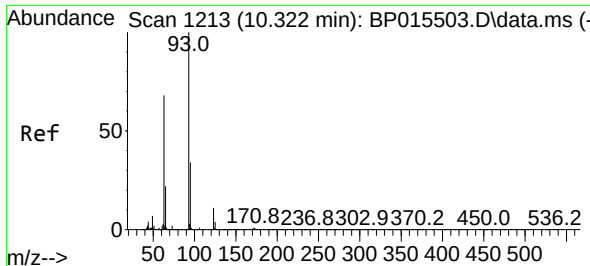
Tgt Ion:139 Resp: 562721
Ion Ratio Lower Upper
139 100
65 58.0 46.9 70.3
109 36.7 30.2 45.2



#26
2,4-Dimethylphenol
Concen: 87.430 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:107 Resp: 1196545
Ion Ratio Lower Upper
107 100
121 47.1 39.0 58.6
122 78.6 64.8 97.2



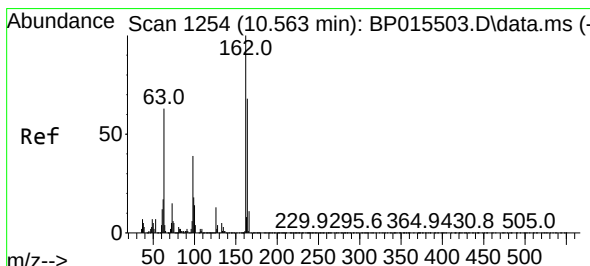
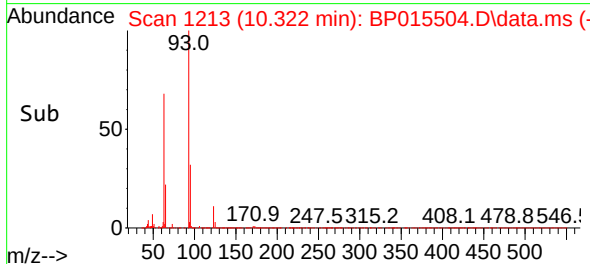
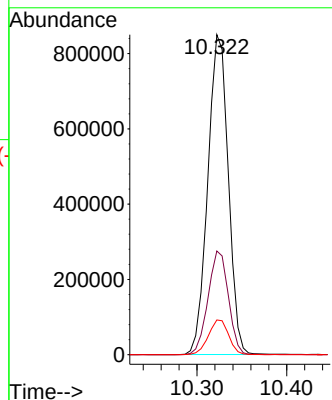
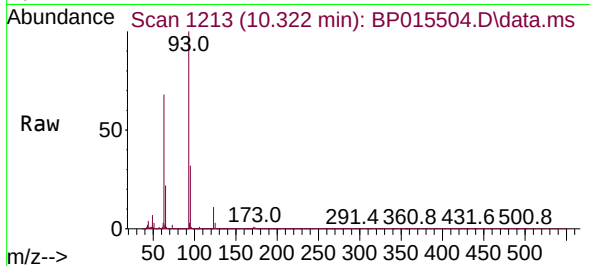


#27
 Bis(2-Chloroethoxy)methane
 Concen: 83.403 ng/ul
 RT: 10.322 min Scan# 1213
 Delta R.T. -0.000 min
 Lab File: BP015504.D
 Acq: 13 Jun 2023 20:06

Instrument :
 BNA_P
 ClientSampleId :
 SP6215

Tgt Ion: 93 Resp: 1347320

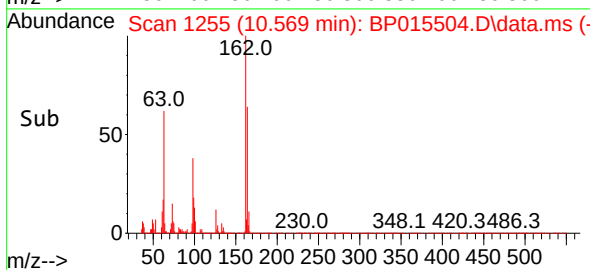
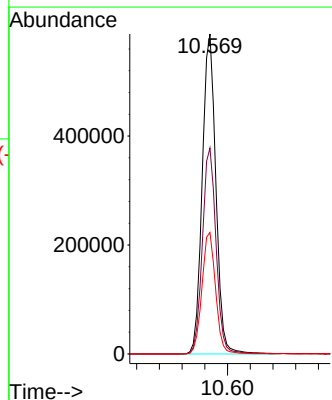
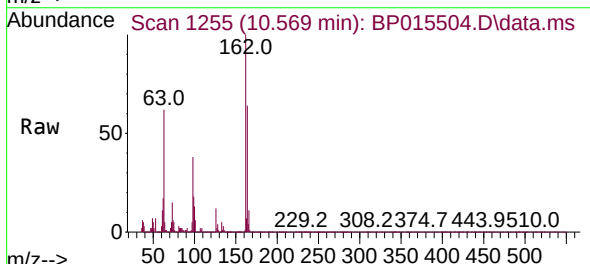
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.7	38.5
123	10.8	8.6	13.0

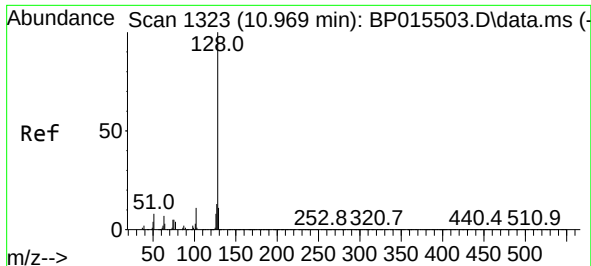


#29
 2,4-Dichlorophenol
 Concen: 90.326 ng/ul
 RT: 10.569 min Scan# 1255
 Delta R.T. -0.000 min
 Lab File: BP015504.D
 Acq: 13 Jun 2023 20:06

Tgt Ion:162 Resp: 979216

Ion	Ratio	Lower	Upper
162	100		
164	64.3	50.6	76.0
98	38.0	30.2	45.2

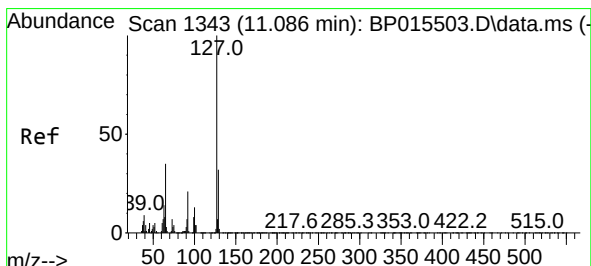
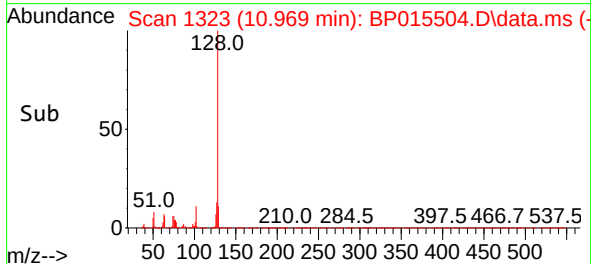
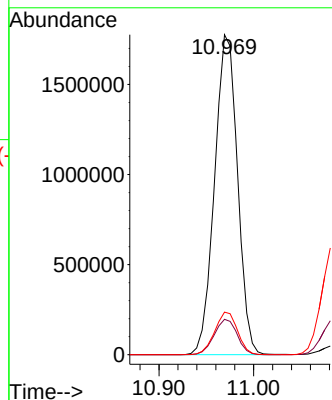
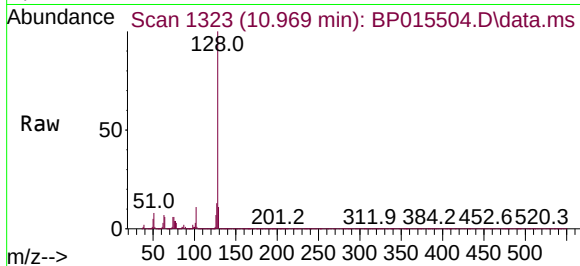




#30
Naphthalene
Concen: 82.865 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

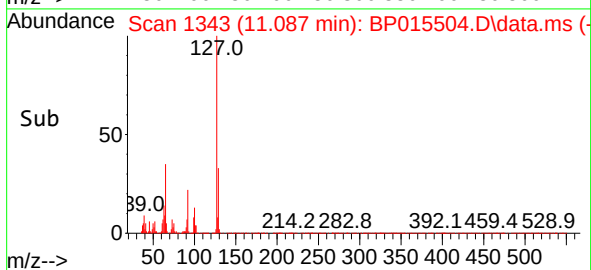
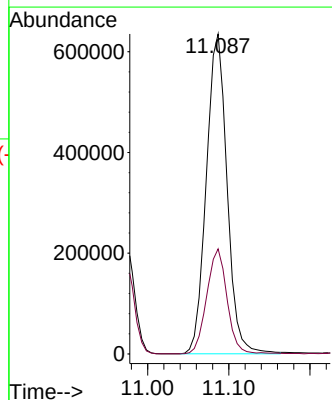
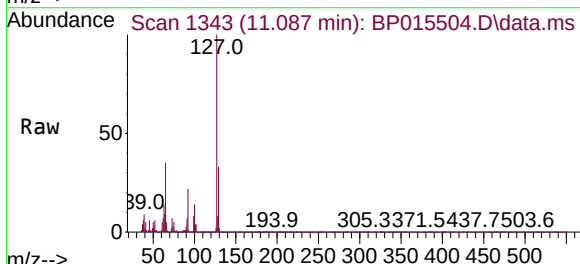
Instrument :
BNA_P
ClientSampleId :
SP6215

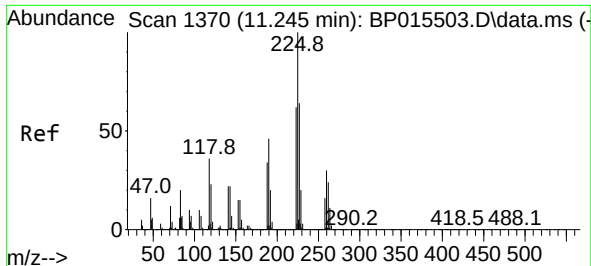
Tgt Ion:128 Resp: 2993571
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 69.512 ng/ul
RT: 11.087 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:127 Resp: 1125663
Ion Ratio Lower Upper
127 100
129 32.9 26.1 39.1

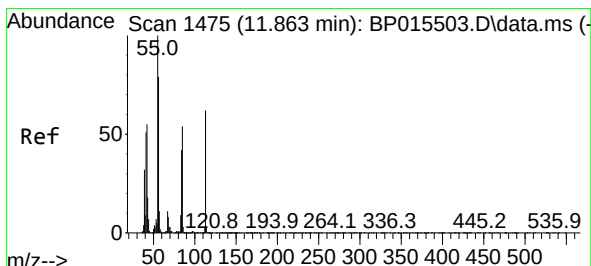
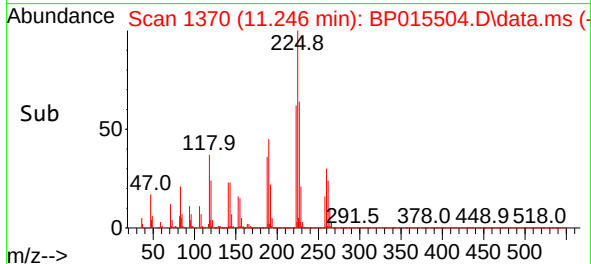
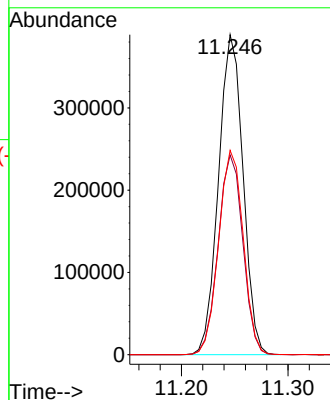
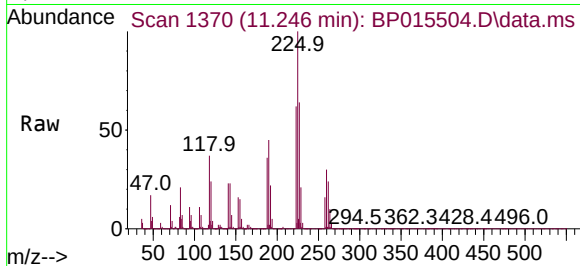




#33
Hexachlorobutadiene
Concen: 85.063 ng/ul
RT: 11.246 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

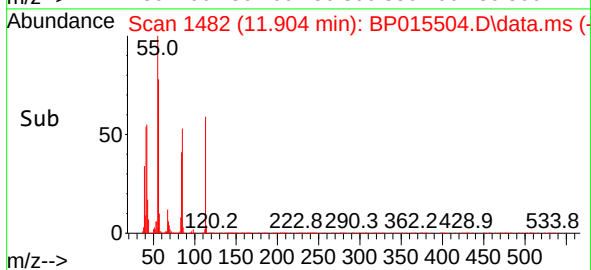
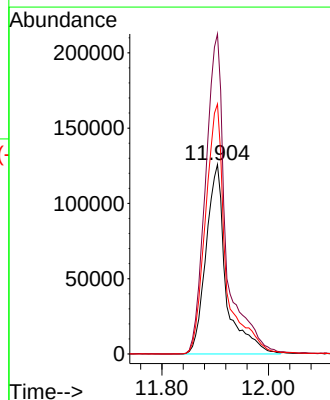
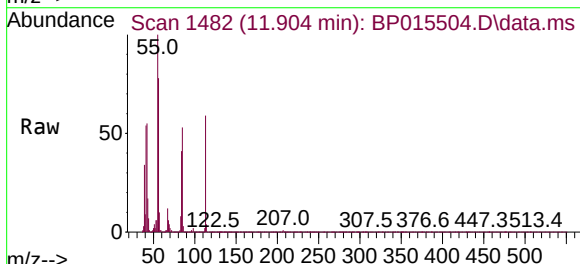
Instrument :
BNA_P
ClientSampleId :
SP6215

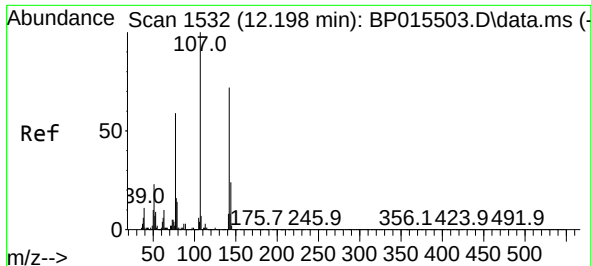
Tgt Ion:225 Resp: 621899
Ion Ratio Lower Upper
225 100
223 62.4 52.0 78.0
227 63.8 50.6 75.8



#34
Caprolactam
Concen: 80.907 ng/ul
RT: 11.904 min Scan# 1482
Delta R.T. 0.035 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:113 Resp: 330175
Ion Ratio Lower Upper
113 100
55 169.0 127.9 191.9
56 131.9 101.1 151.7

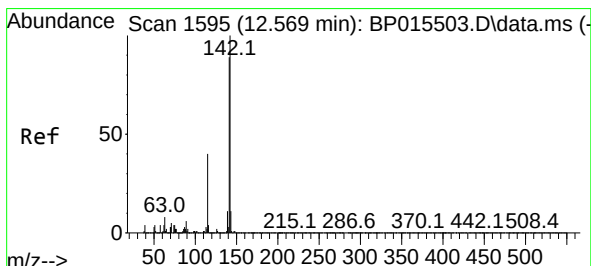
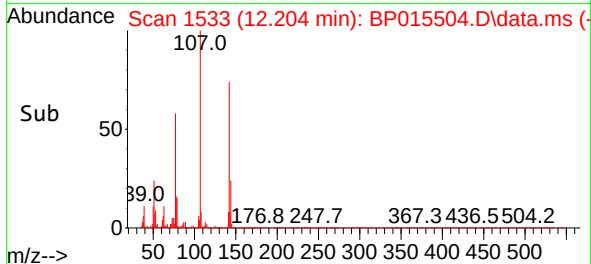
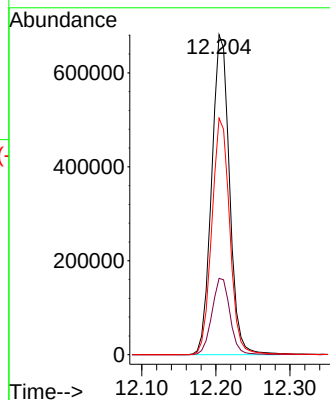
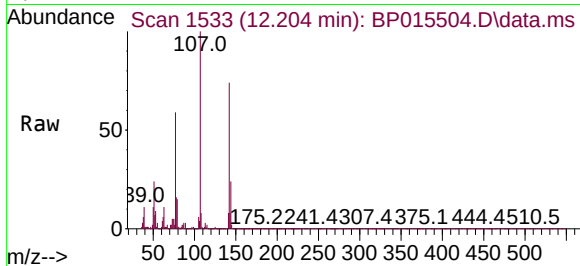




#35
4-Chloro-3-methylphenol
Concen: 86.788 ng/ul
RT: 12.204 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

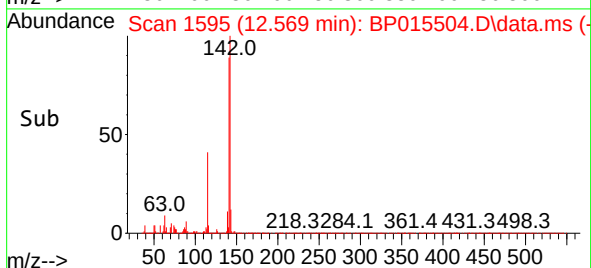
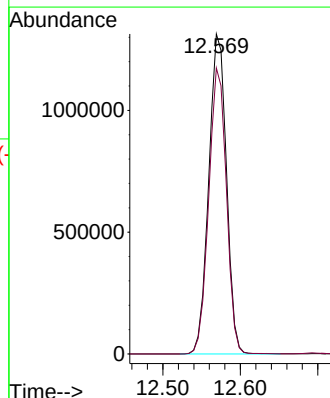
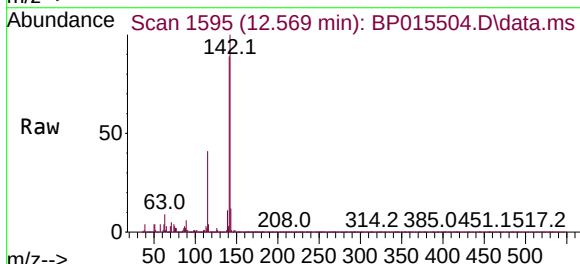
Instrument :
BNA_P
ClientSampleId :
SP6215

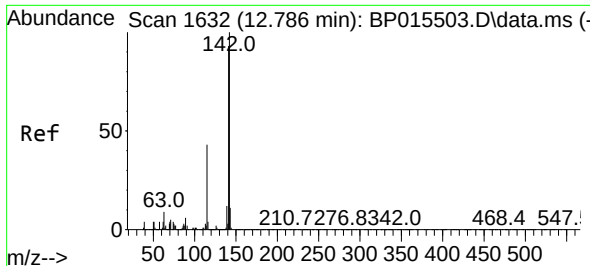
Tgt Ion:107 Resp: 1139955
Ion Ratio Lower Upper
107 100
144 23.8 19.4 29.0
142 73.9 60.4 90.6



#36
2-Methylnaphthalene
Concen: 81.919 ng/ul
RT: 12.569 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:142 Resp: 2080447
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0

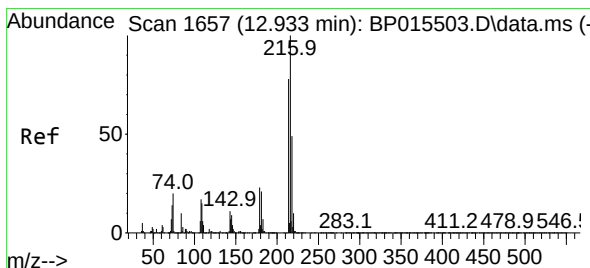
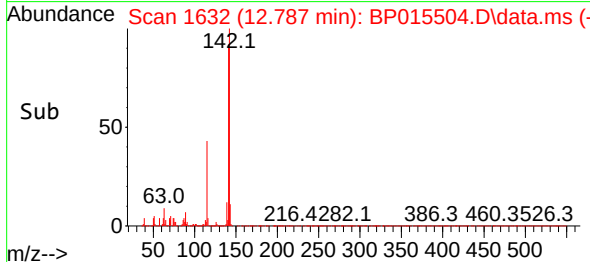
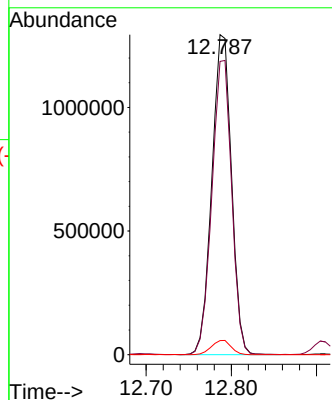
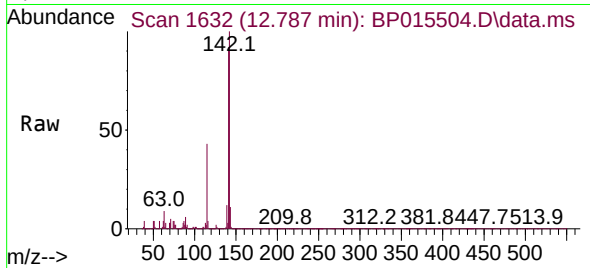




#37
1-Methylnaphthalene
Concen: 81.132 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

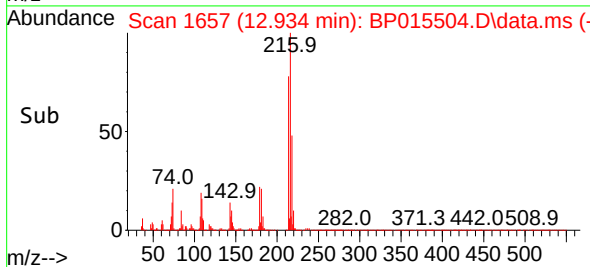
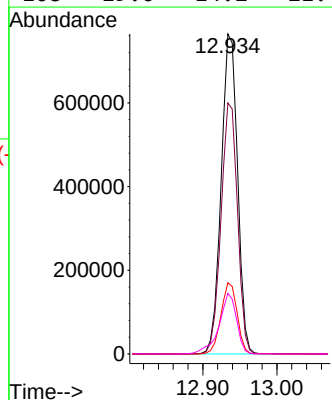
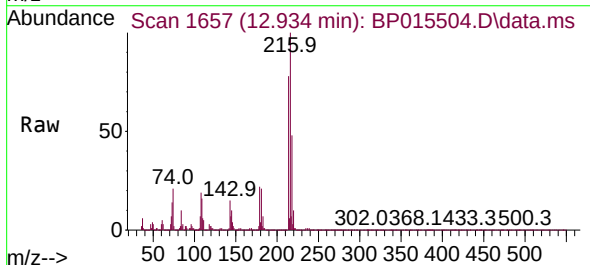
Instrument :
BNA_P
ClientSampleId :
SP6215

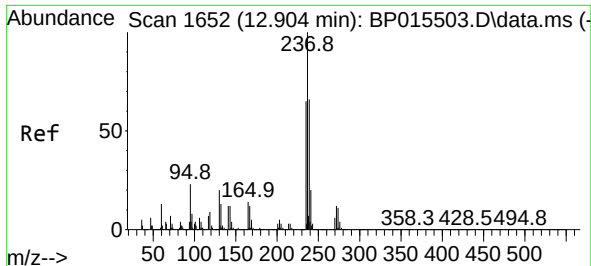
Tgt Ion:142 Resp: 2074555
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9
116 4.4 3.4 5.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 87.094 ng/ul
RT: 12.934 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:216 Resp: 1172623
Ion Ratio Lower Upper
216 100
214 78.4 62.2 93.2
179 22.2 17.4 26.2
108 19.0 14.2 21.4

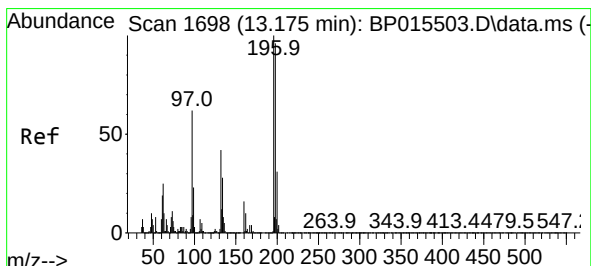
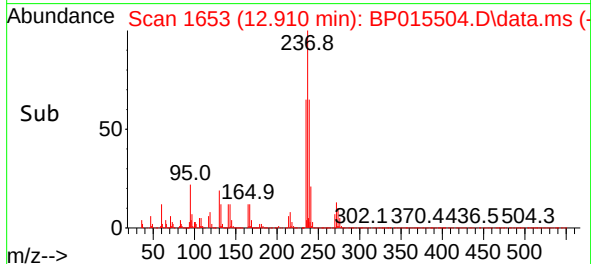
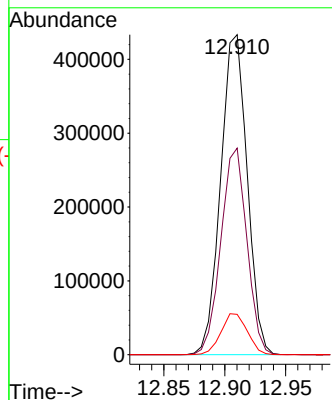
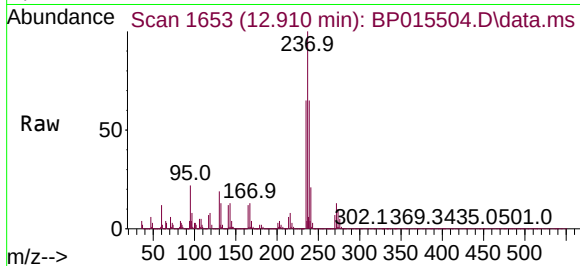




#40
Hexachlorocyclopentadiene
Concen: 119.155 ng/ul
RT: 12.910 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

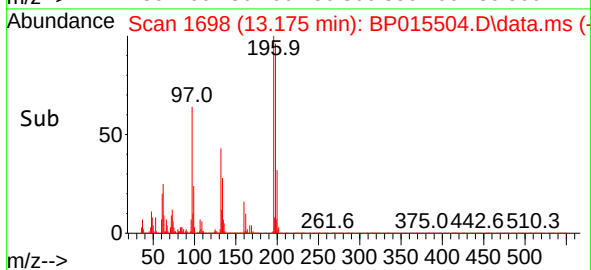
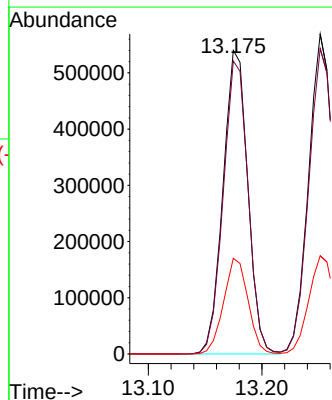
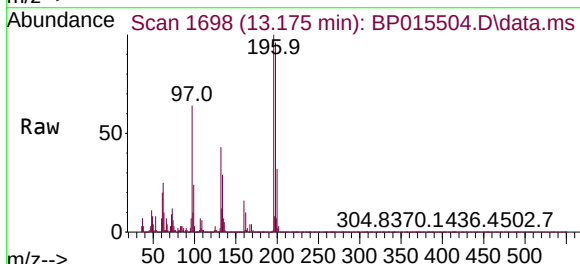
Instrument :
BNA_P
ClientSampleId :
SP6215

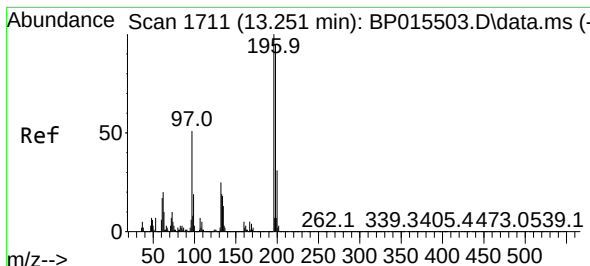
Tgt Ion:237 Resp: 657608
Ion Ratio Lower Upper
237 100
235 64.5 48.2 72.2
272 12.6 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 91.181 ng/ul
RT: 13.175 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:196 Resp: 817082
Ion Ratio Lower Upper
196 100
198 96.5 77.8 116.6
200 31.5 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 91.331 ng/ul

RT: 13.251 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Instrument :

BNA_P

ClientSampleId :

SP6215

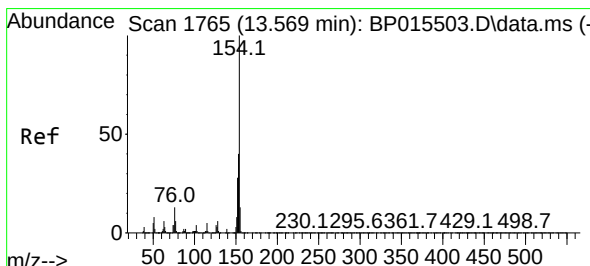
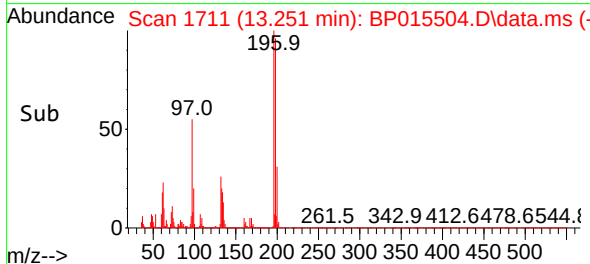
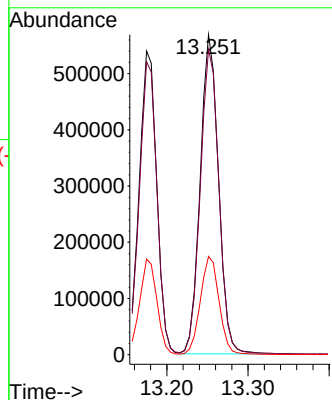
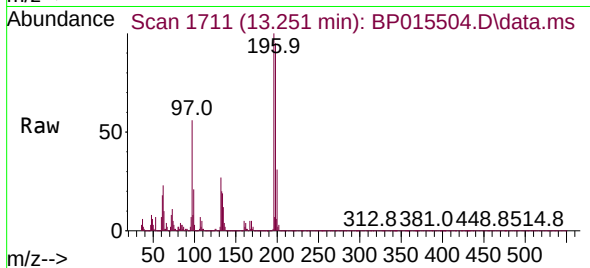
Tgt Ion:196 Resp: 891851

Ion Ratio Lower Upper

196 100

198 95.4 75.5 113.3

200 30.7 24.7 37.1



#43

1,1'-Biphenyl

Concen: 85.055 ng/ul

RT: 13.575 min Scan# 1766

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

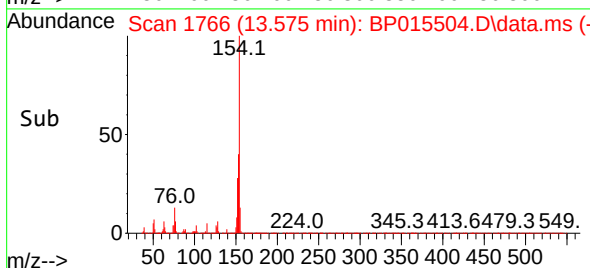
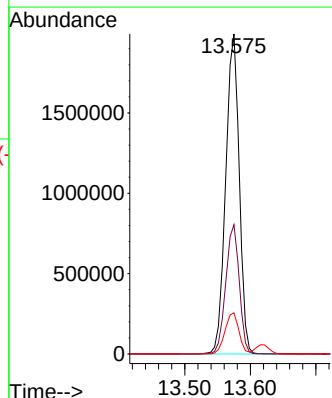
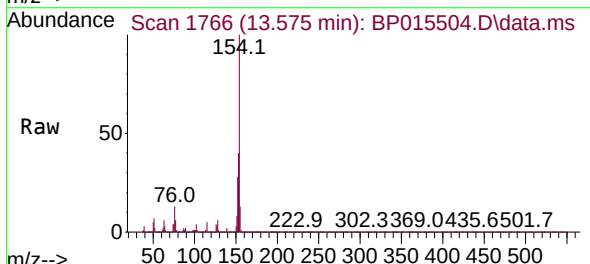
Tgt Ion:154 Resp: 2844003

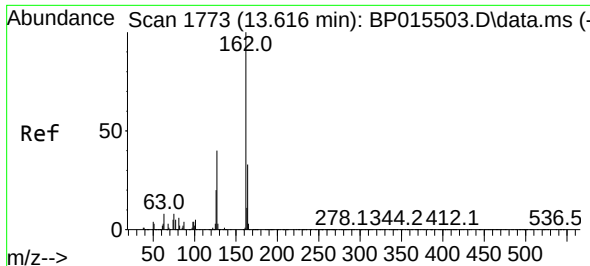
Ion Ratio Lower Upper

154 100

153 40.4 32.2 48.2

76 12.9 10.4 15.6

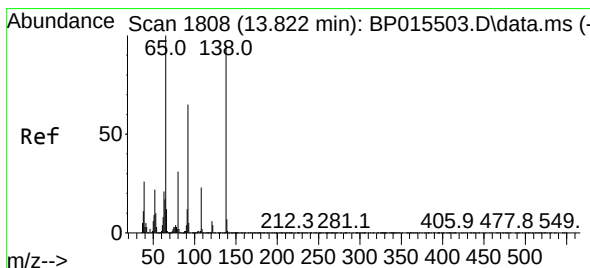
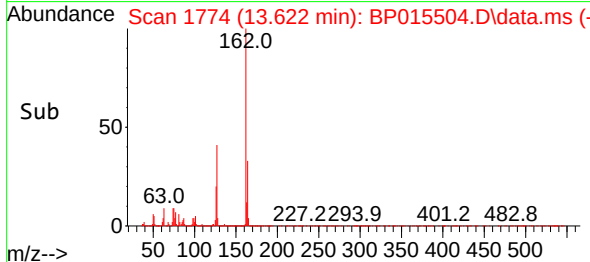
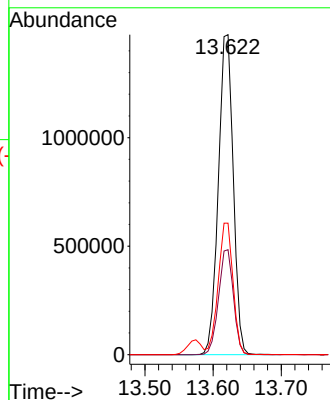
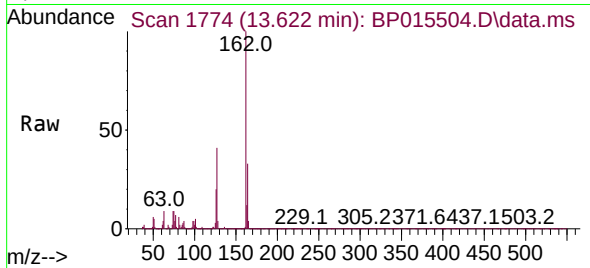




#44
2-Chloronaphthalene
Concen: 85.556 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

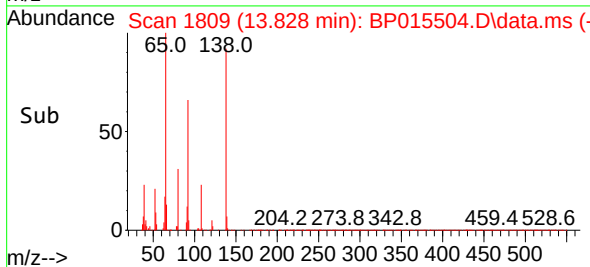
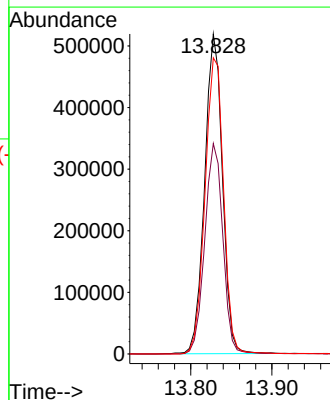
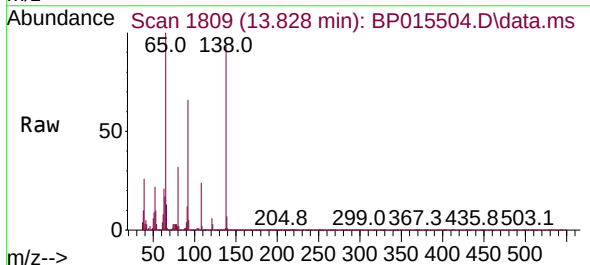
Instrument :
BNA_P
ClientSampleId :
SP6215

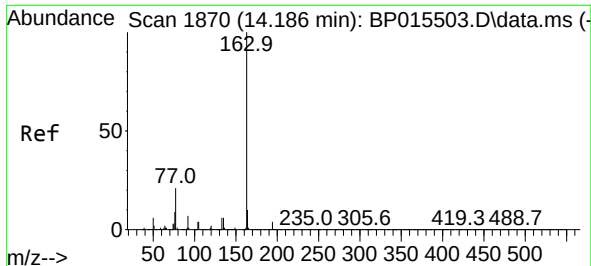
Tgt Ion:162 Resp: 2244485
Ion Ratio Lower Upper
162 100
164 32.8 27.0 40.6
127 41.1 32.2 48.4



#45
2-Nitroaniline
Concen: 93.962 ng/ul
RT: 13.828 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion: 65 Resp: 788917
Ion Ratio Lower Upper
65 100
92 65.7 55.4 83.2
138 92.6 78.8 118.2

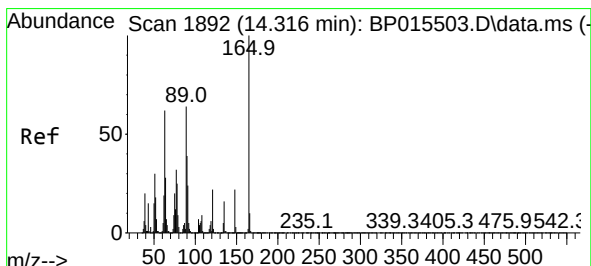
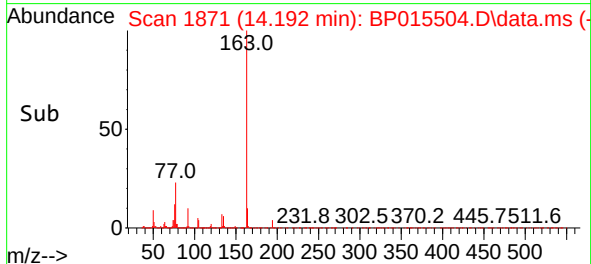
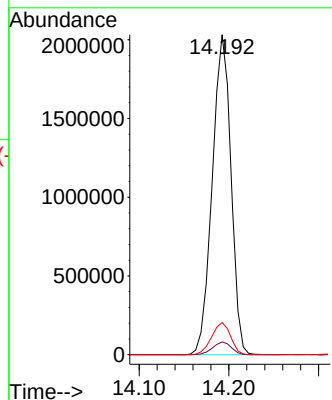
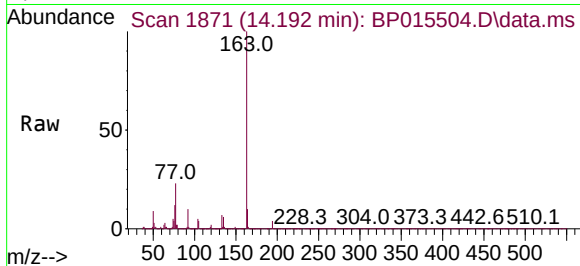




#47
Dimethylphthalate
Concen: 83.545 ng/ul
RT: 14.192 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

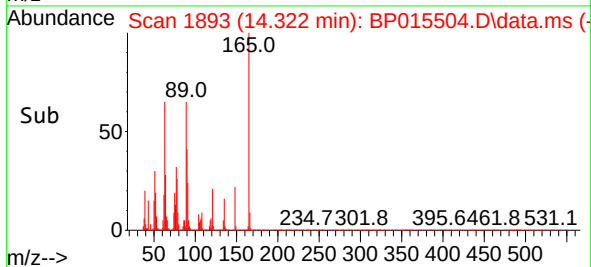
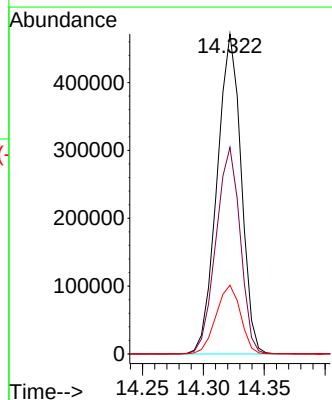
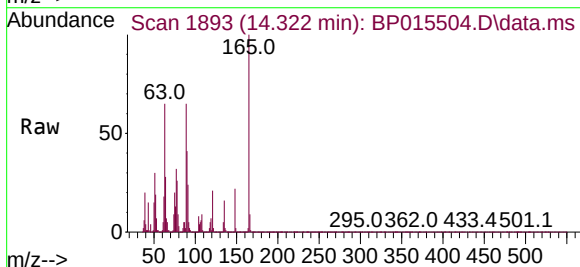
Instrument :
BNA_P
ClientSampleId :
SP6215

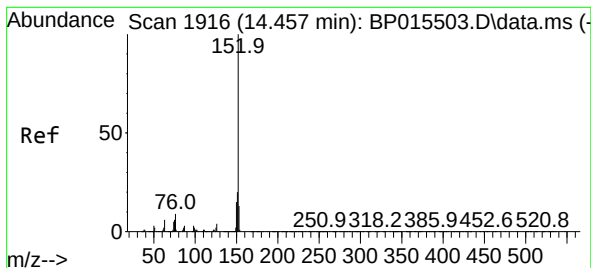
Tgt Ion:163 Resp: 2941043
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 90.121 ng/ul
RT: 14.322 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:165 Resp: 649982
Ion Ratio Lower Upper
165 100
89 64.6 51.5 77.3
121 21.4 17.3 25.9





#50

Acenaphthylene

Concen: 84.877 ng/ul

RT: 14.463 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Instrument :

BNA_P

ClientSampleId :

SP6215

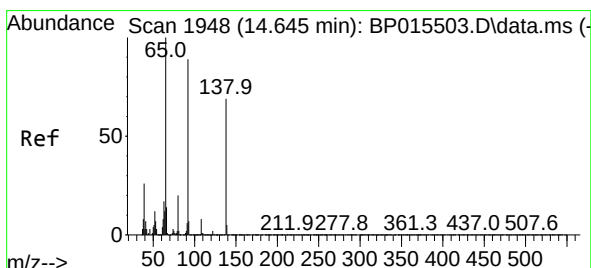
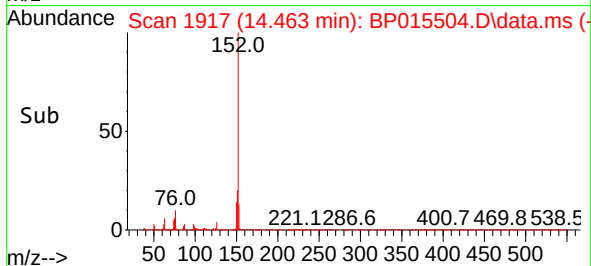
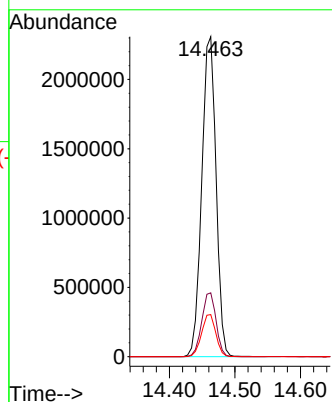
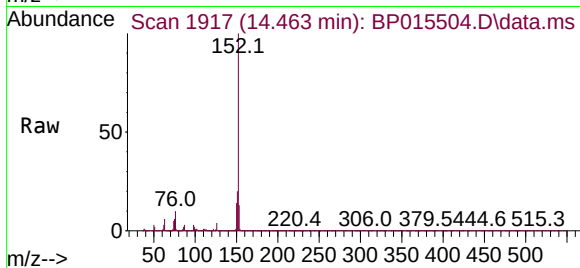
Tgt Ion:152 Resp: 3504262

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 15.8



#51

3-Nitroaniline

Concen: 101.902 ng/ul

RT: 14.657 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

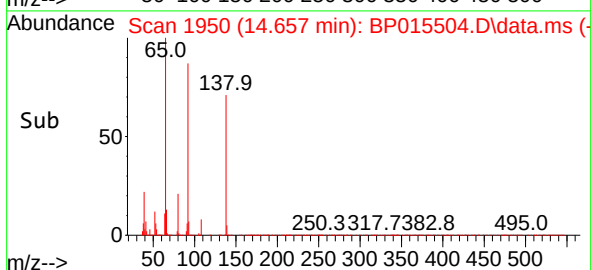
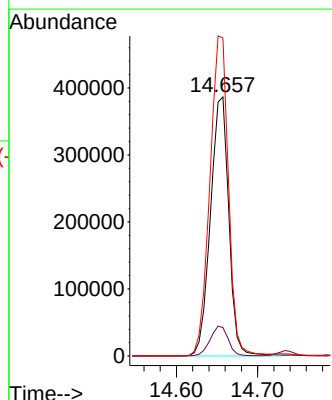
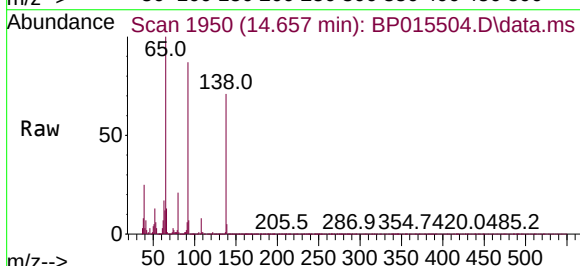
Tgt Ion:138 Resp: 606714

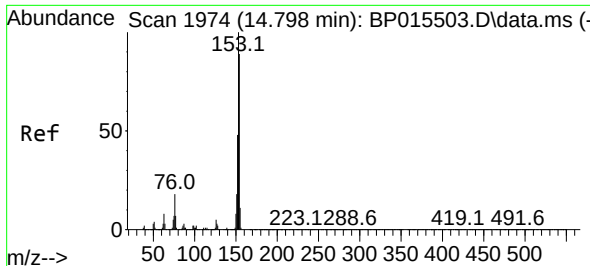
Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

92 122.8 98.0 147.0

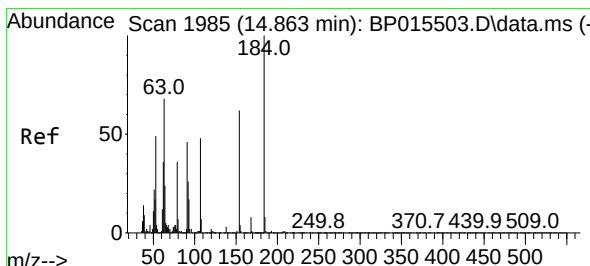
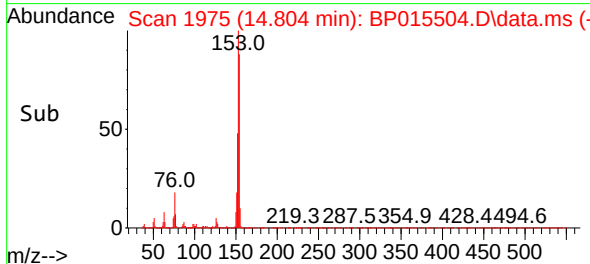
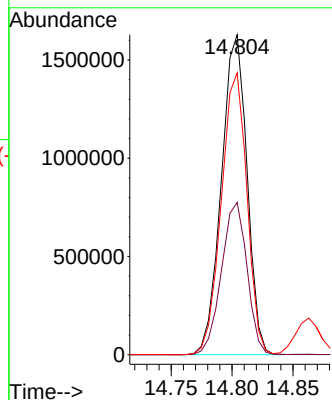
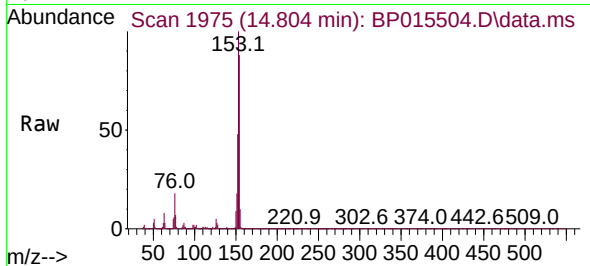




#52
Acenaphthene
Concen: 83.552 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

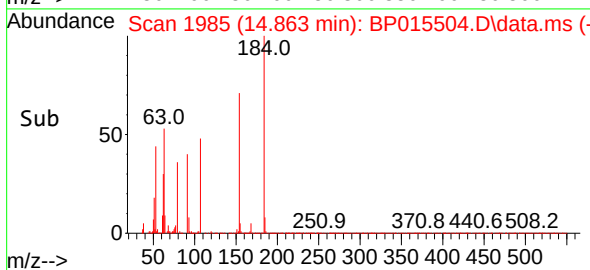
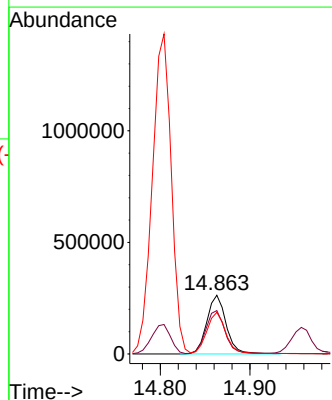
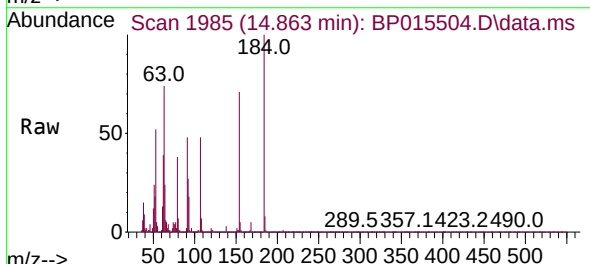
Instrument :
BNA_P
ClientSampleId :
SP6215

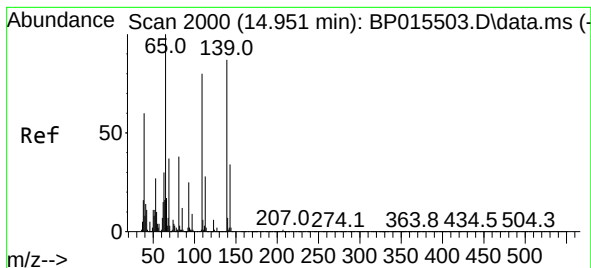
Tgt Ion:153 Resp: 2384481
Ion Ratio Lower Upper
153 100
152 47.6 38.3 57.5
154 88.1 69.8 104.6



#53
2,4-Dinitrophenol
Concen: 90.791 ng/ul
RT: 14.863 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:184 Resp: 393903
Ion Ratio Lower Upper
184 100
63 73.7 59.0 88.4
154 70.7 57.6 86.4

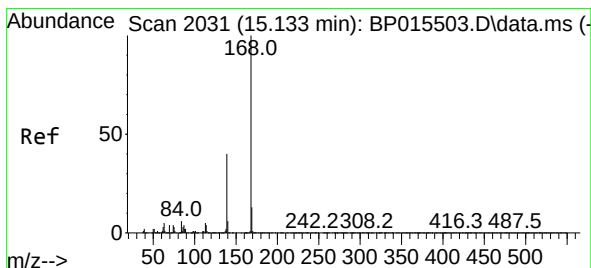
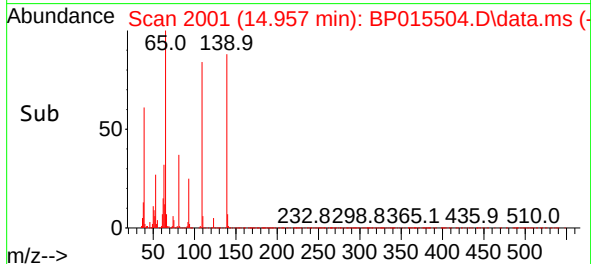
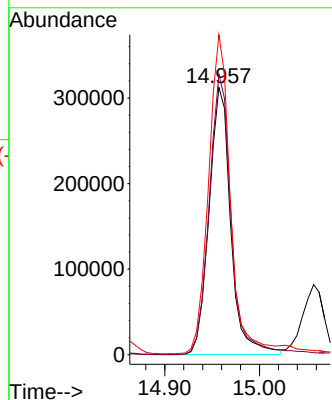
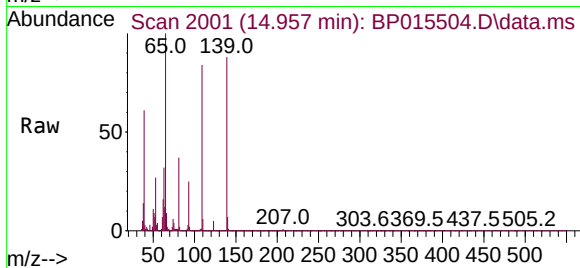




#55
4-Nitrophenol
Concen: 84.226 ng/ul
RT: 14.957 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

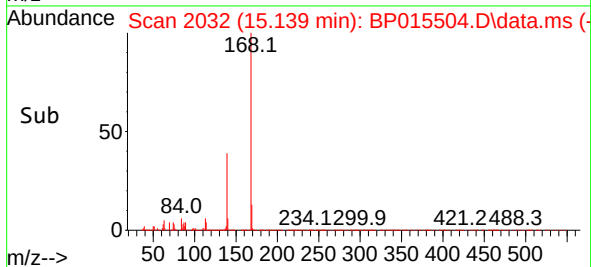
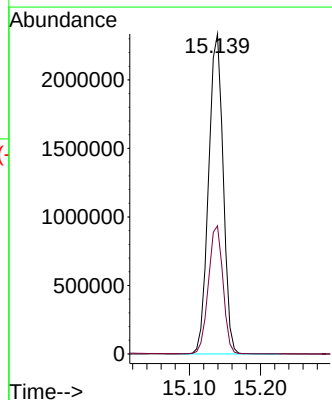
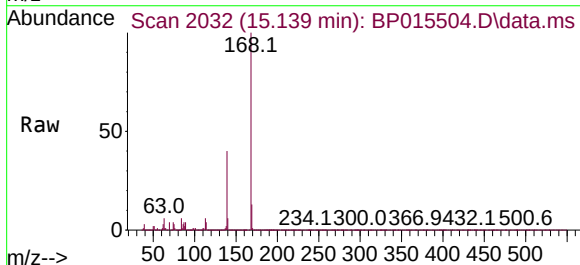
Instrument :
BNA_P
ClientSampleId :
SP6215

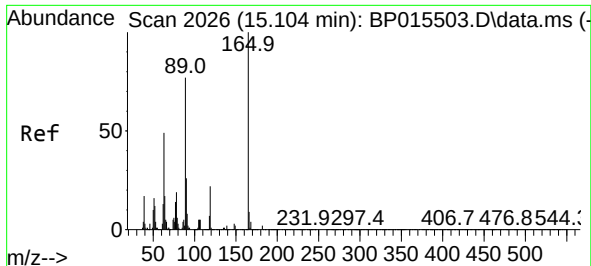
Tgt Ion:109 Resp: 496043
Ion Ratio Lower Upper
109 100
139 104.9 89.1 133.7
65 119.8 103.1 154.7



#56
Dibenzofuran
Concen: 82.445 ng/ul
RT: 15.139 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:168 Resp: 3334828
Ion Ratio Lower Upper
168 100
139 40.0 31.2 46.8

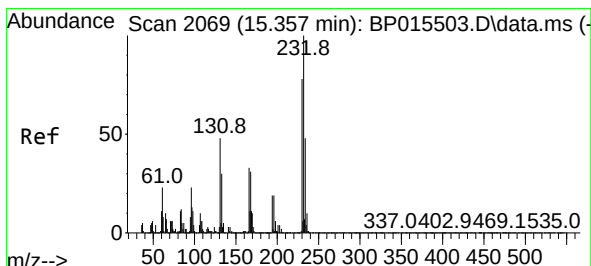
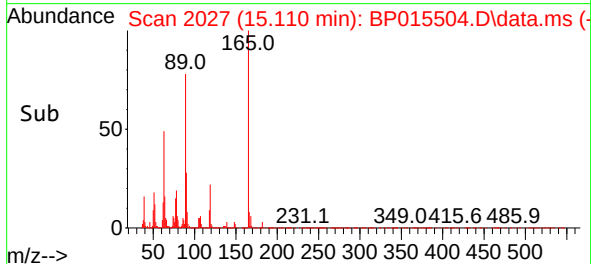
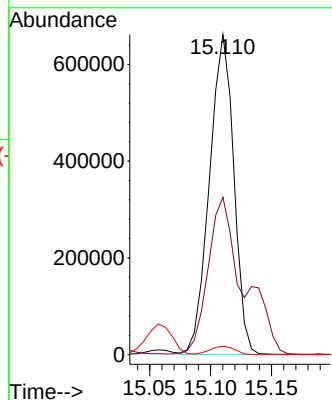
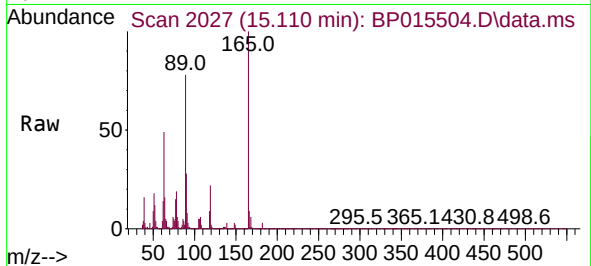




#57
2,4-Dinitrotoluene
Concen: 86.671 ng/ul
RT: 15.110 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

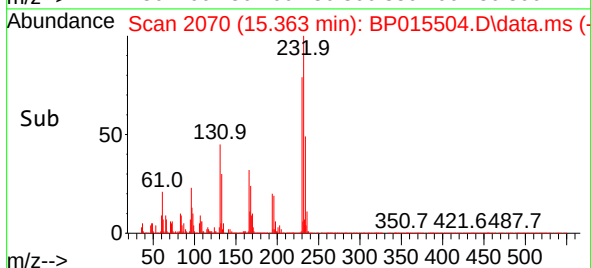
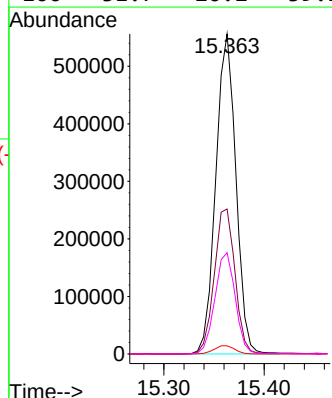
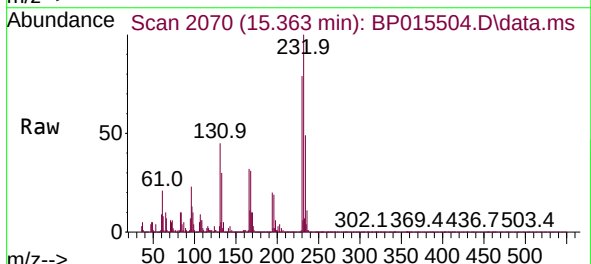
Instrument :
BNA_P
ClientSampleId :
SP6215

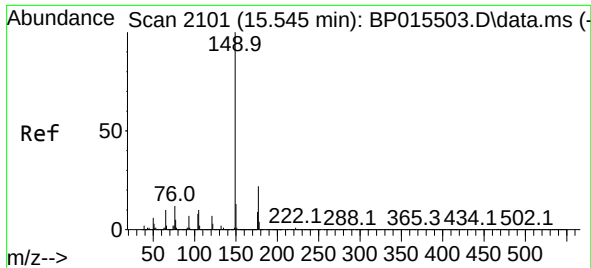
Tgt Ion:165 Resp: 919391
Ion Ratio Lower Upper
165 100
63 49.2 39.1 58.7
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 87.808 ng/ul
RT: 15.363 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:232 Resp: 774196
Ion Ratio Lower Upper
232 100
131 45.3 37.8 56.8
130 2.6 1.9 2.9
166 31.7 26.2 39.2

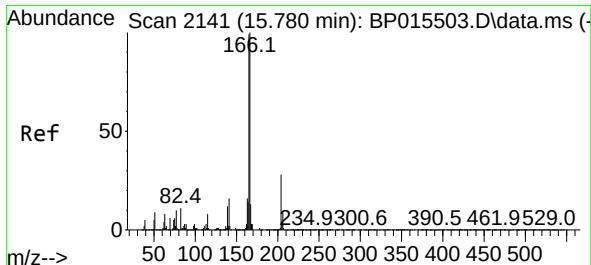
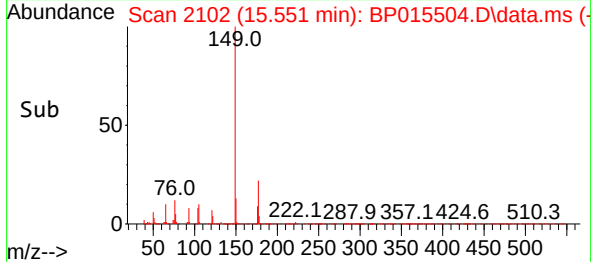
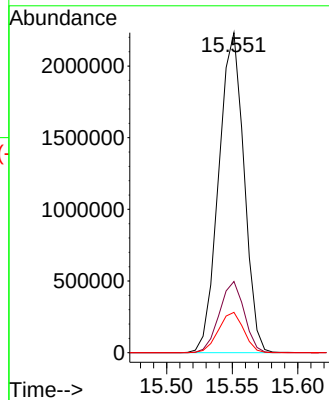
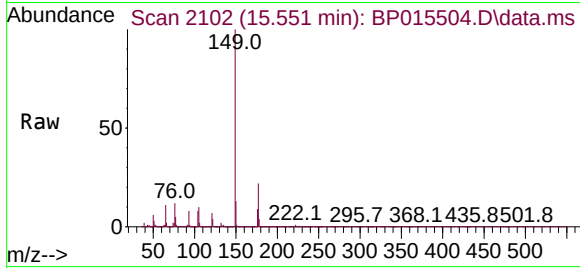




#59
Diethylphthalate
Concen: 82.917 ng/ul
RT: 15.551 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

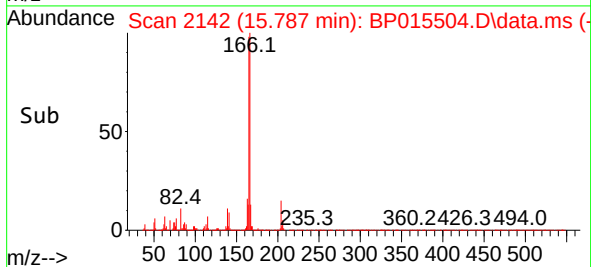
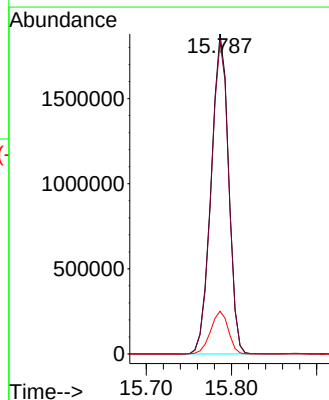
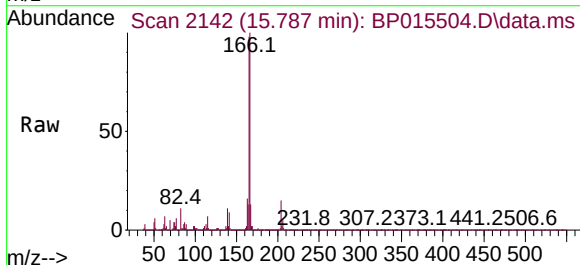
Instrument :
BNA_P
ClientSampleId :
SP6215

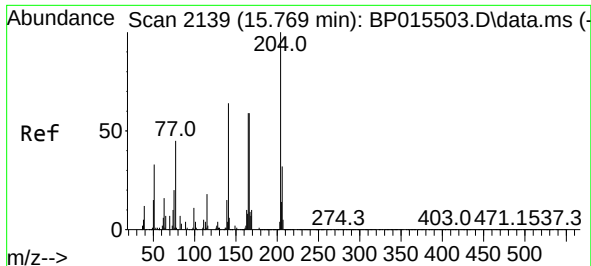
Tgt Ion:149 Resp: 2991587
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.6 10.1 15.1



#61
Fluorene
Concen: 81.133 ng/ul
RT: 15.787 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:166 Resp: 2675249
Ion Ratio Lower Upper
166 100
165 97.7 79.1 118.7
167 13.4 10.6 16.0

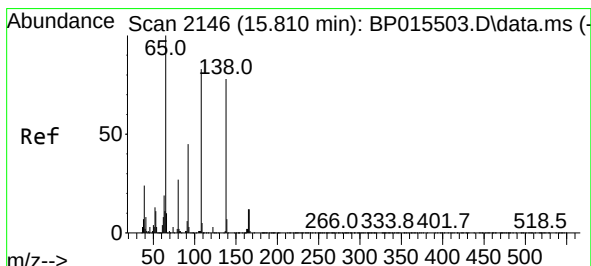
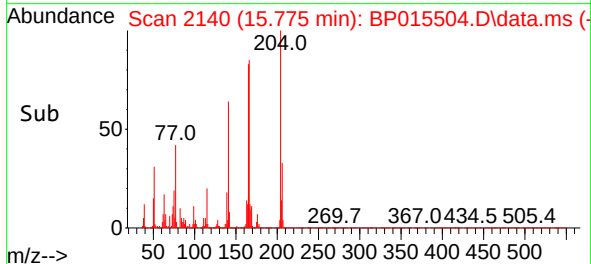
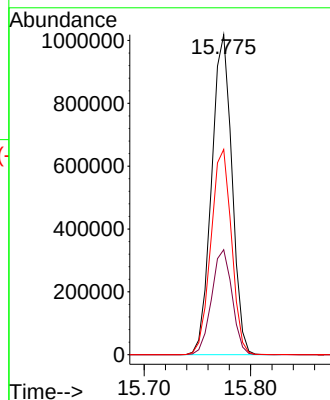
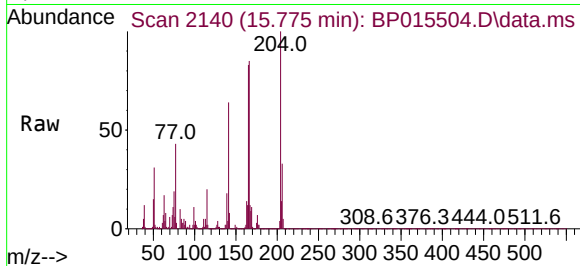




#62
4-Chlorophenyl-phenylether
Concen: 81.334 ng/ul
RT: 15.775 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

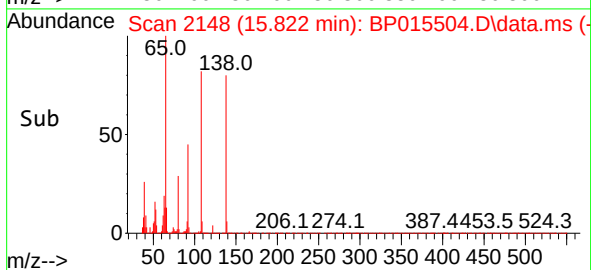
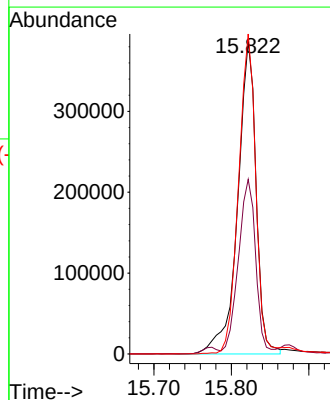
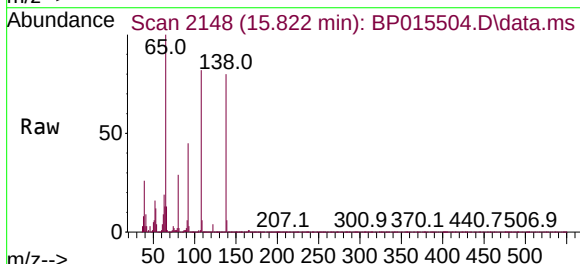
Instrument :
BNA_P
ClientSampleId :
SP6215

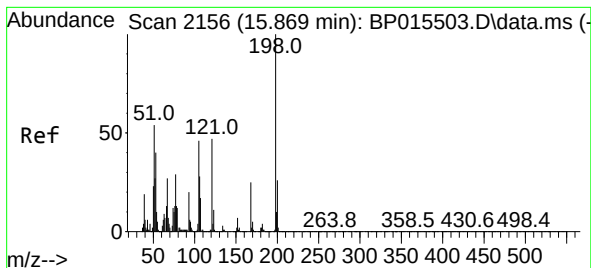
Tgt Ion:204 Resp: 1351635
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 64.1 49.8 74.8



#63
4-Nitroaniline
Concen: 113.156 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:138 Resp: 639045
Ion Ratio Lower Upper
138 100
92 55.8 44.6 67.0
108 102.4 78.4 117.6

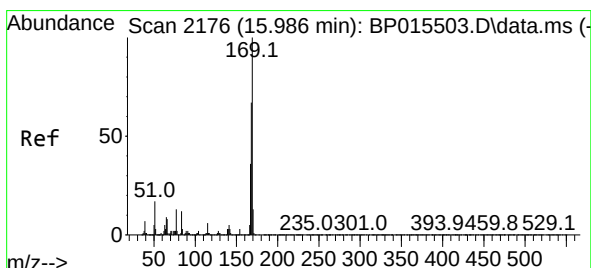
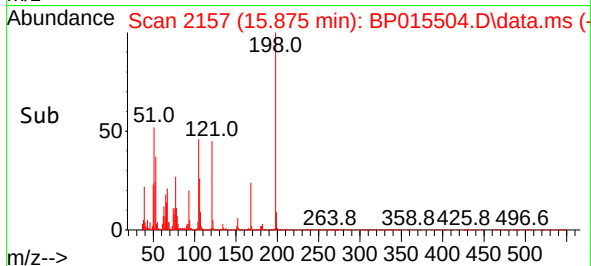
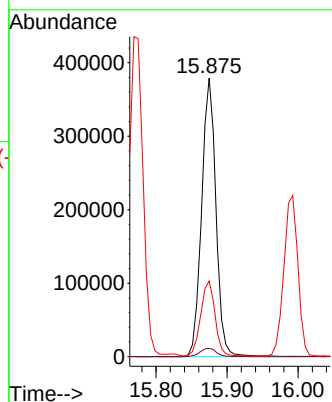
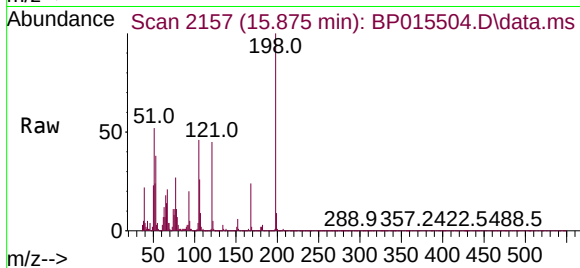




#66
4,6-Dinitro-2-methylphenol
Concen: 82.271 ng/ul
RT: 15.875 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

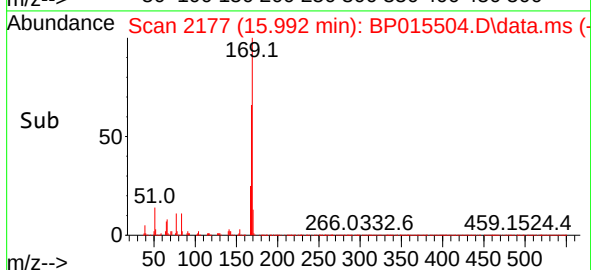
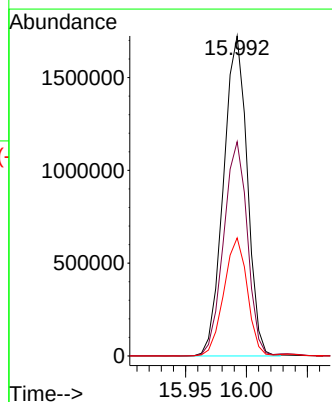
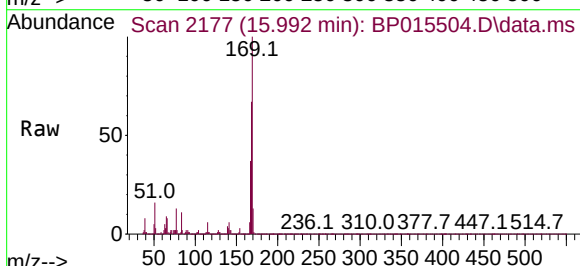
Instrument :
BNA_P
ClientSampleId :
SP6215

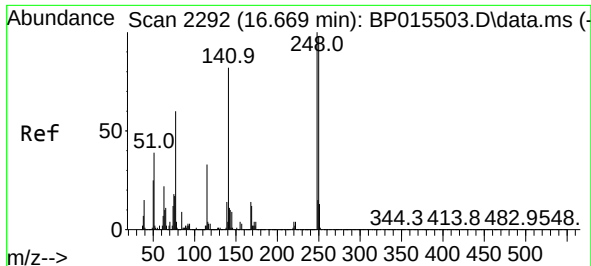
Tgt Ion:198 Resp: 530838
Ion Ratio Lower Upper
198 100
182 3.0 3.0 4.4
77 27.2 20.5 30.7



#67
N-Nitrosodiphenylamine
Concen: 82.629 ng/ul
RT: 15.992 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:169 Resp: 2340963
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.4
167 36.9 28.9 43.3

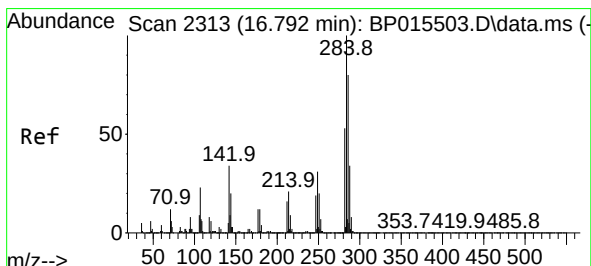
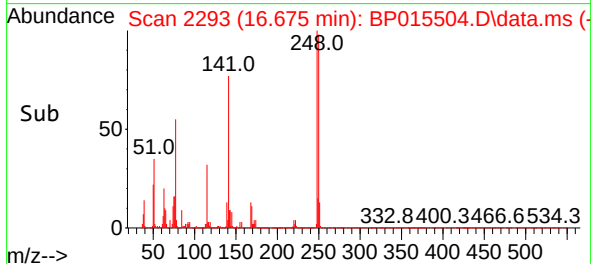
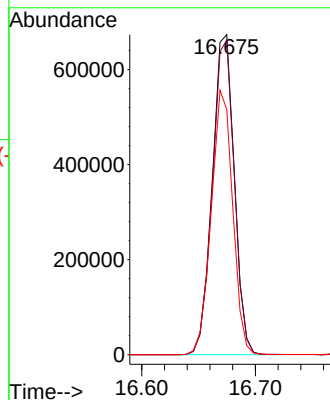
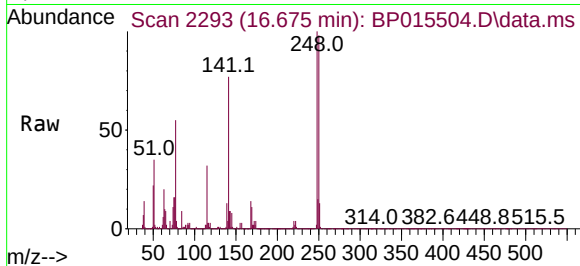




#68
4-Bromophenyl-phenylether
Concen: 85.040 ng/ul
RT: 16.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

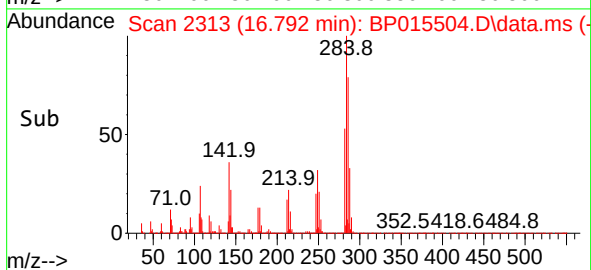
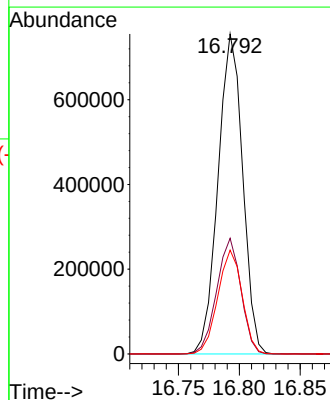
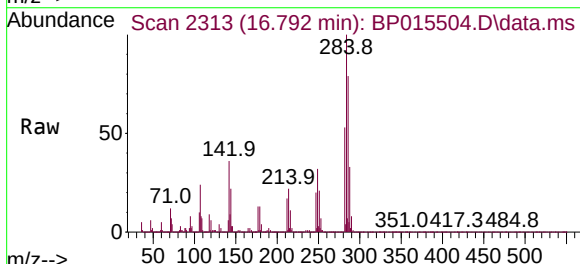
Instrument :
BNA_P
ClientSampleId :
SP6215

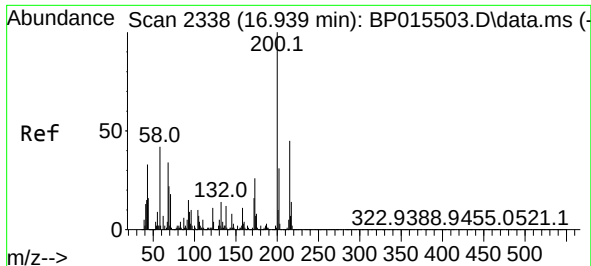
Tgt Ion:248 Resp: 908548
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 76.7 61.1 91.7



#69
Hexachlorobenzene
Concen: 84.165 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:284 Resp: 1060689
Ion Ratio Lower Upper
284 100
142 36.1 25.4 38.2
249 32.5 24.8 37.2

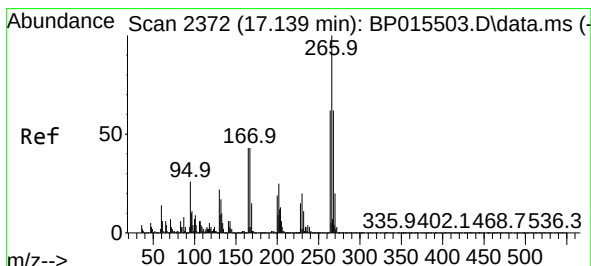
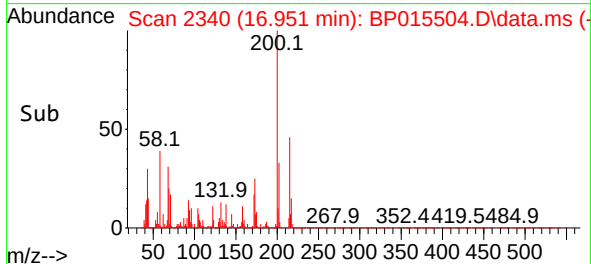
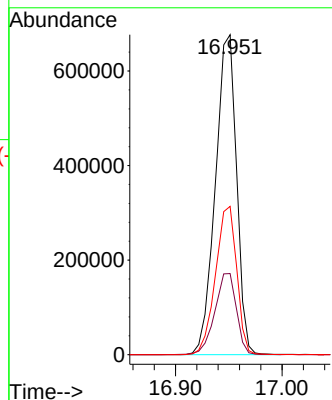
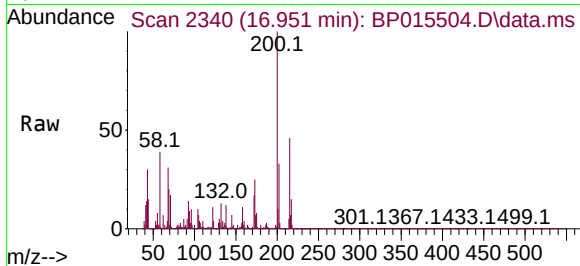




#70
Atrazine
Concen: 82.465 ng/ul
RT: 16.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

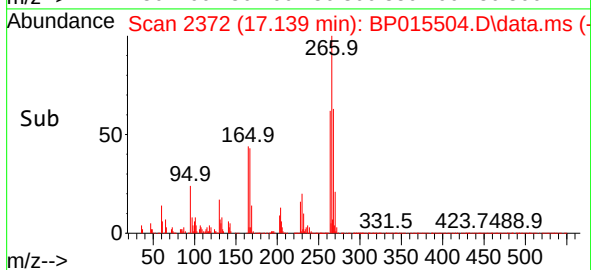
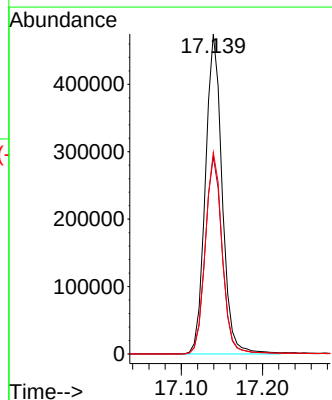
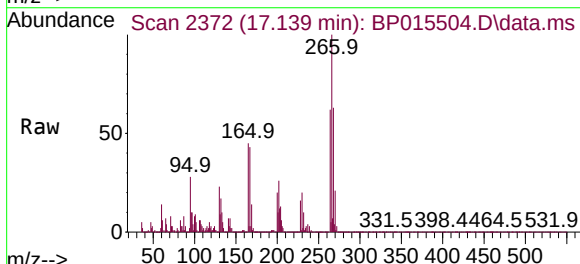
Instrument :
BNA_P
ClientSampleId :
SP6215

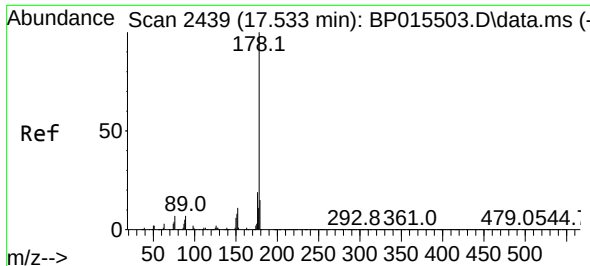
Tgt Ion:200 Resp: 932965
Ion Ratio Lower Upper
200 100
173 25.4 19.8 29.6
215 46.3 37.4 56.0



#71
Pentachlorophenol
Concen: 95.068 ng/ul
RT: 17.139 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:266 Resp: 677175
Ion Ratio Lower Upper
266 100
264 61.7 49.6 74.4
268 63.1 51.0 76.6

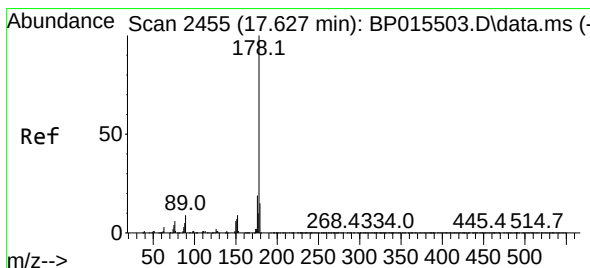
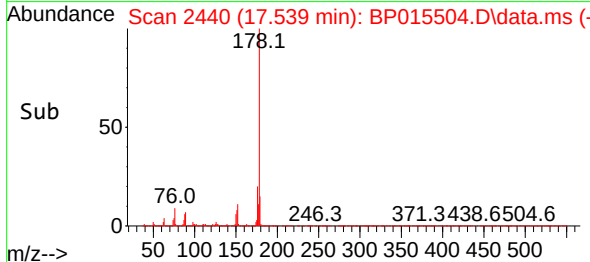
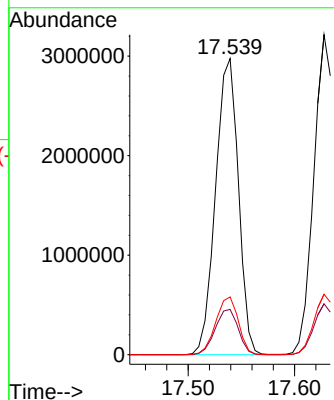
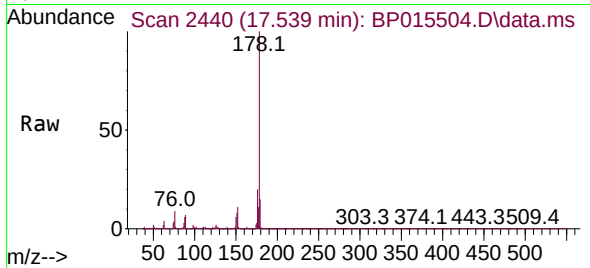




#72
Phenanthrene
Concen: 82.501 ng/u1
RT: 17.539 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

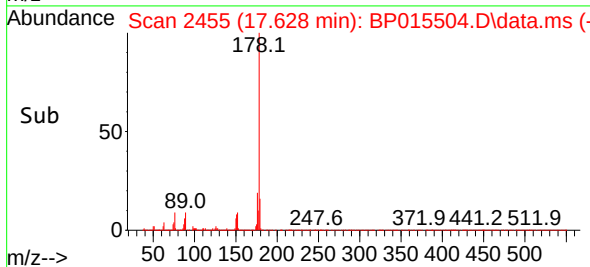
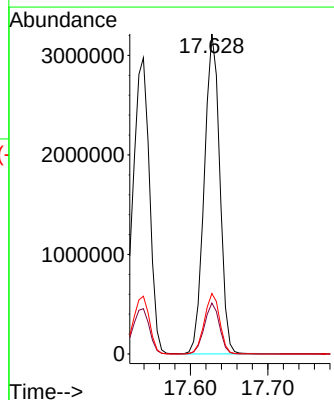
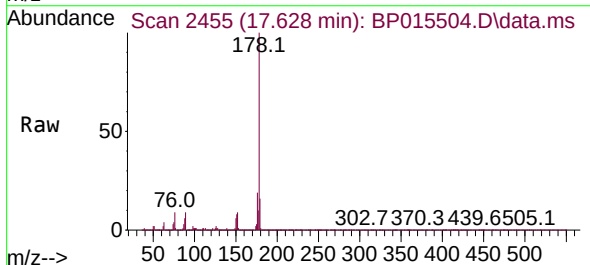
Instrument :
BNA_P
ClientSampleId :
SP6215

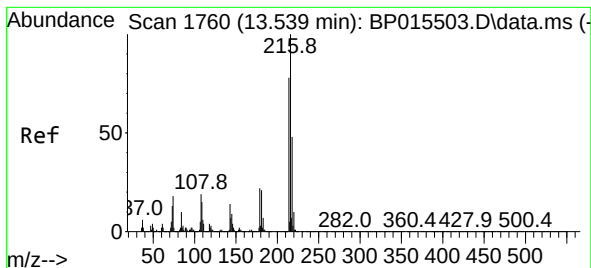
Tgt Ion:178 Resp: 4421258
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.5 15.4 23.0



#74
Anthracene
Concen: 82.208 ng/u1
RT: 17.628 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:178 Resp: 4470071
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.9 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 88.770 ng/uL

RT: 13.540 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Instrument :

BNA_P

ClientSampleId :

SP6215

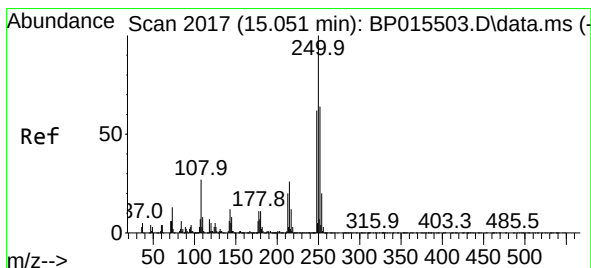
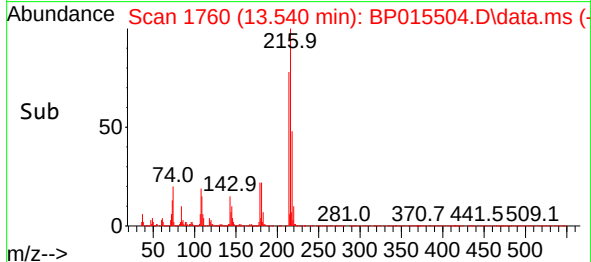
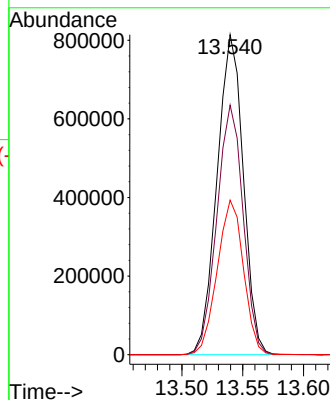
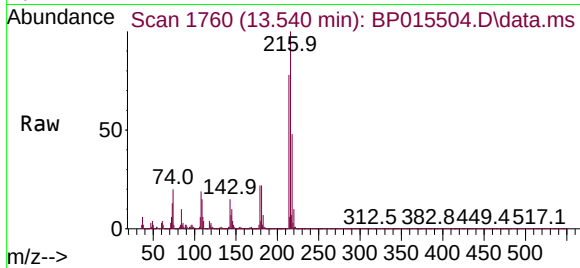
Tgt Ion:216 Resp: 1223479

Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

218 48.3 39.0 58.4



#76

Pentachlorobenzene

Concen: 185.052 ng/uL

RT: 15.057 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

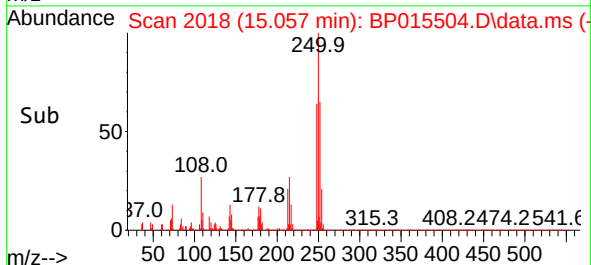
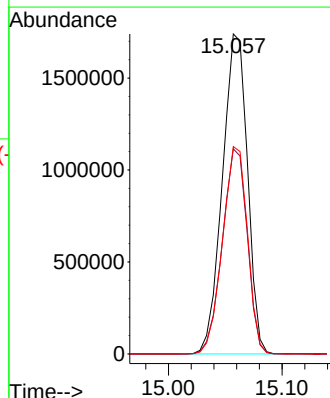
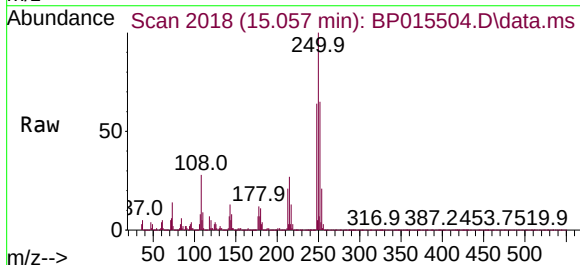
Tgt Ion:250 Resp: 2670367

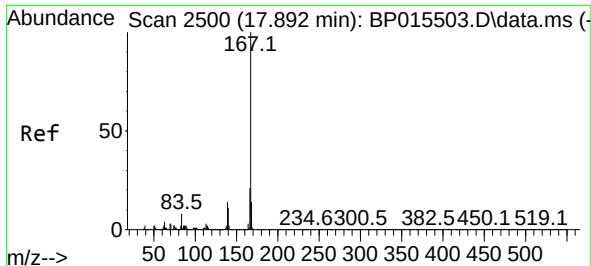
Ion Ratio Lower Upper

250 100

248 64.1 49.0 73.4

252 64.8 49.9 74.9

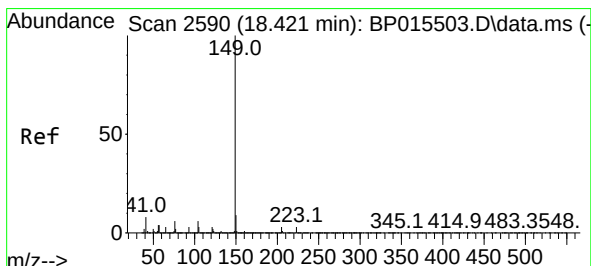
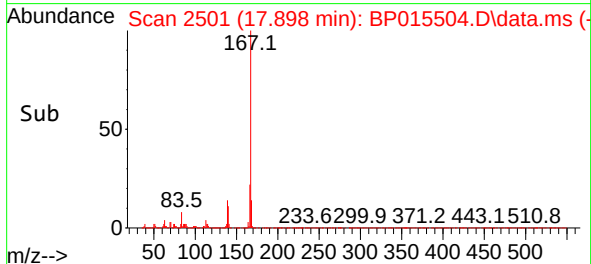
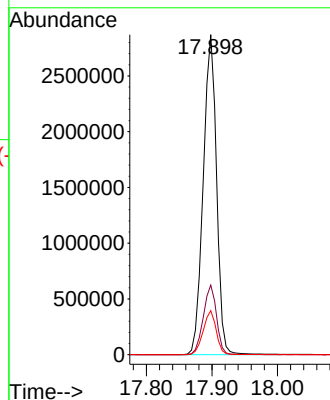
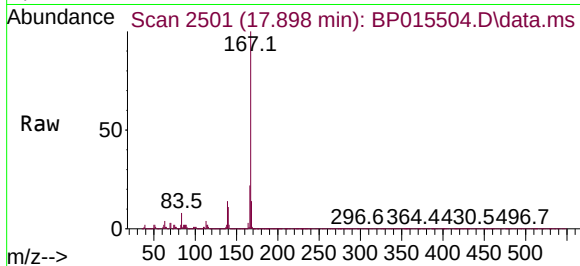




#77
Carbazole
Concen: 83.127 ng/ul
RT: 17.898 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

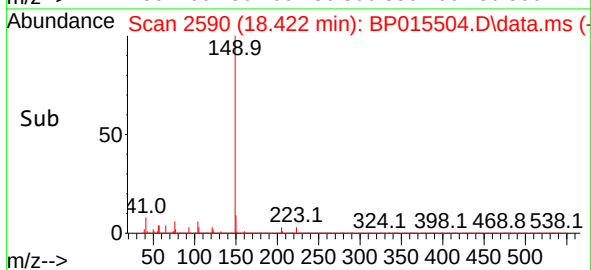
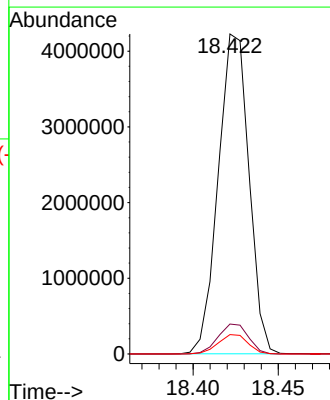
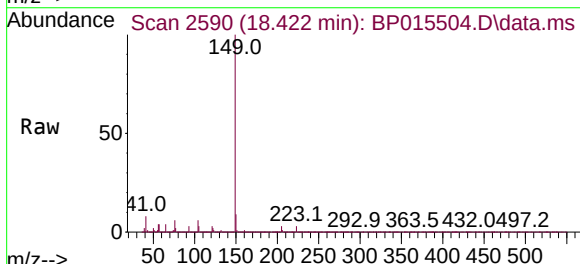
Instrument :
BNA_P
ClientSampleId :
SP6215

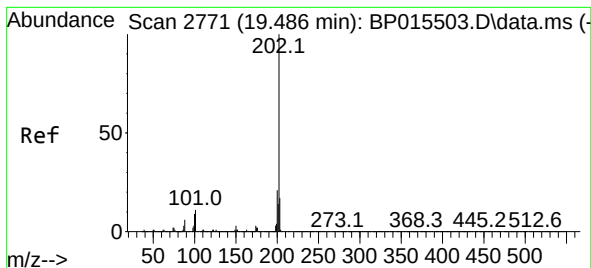
Tgt Ion:167 Resp: 4069904
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.8 10.6 16.0



#78
Di-n-butylphthalate
Concen: 85.327 ng/ul
RT: 18.422 min Scan# 2590
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:149 Resp: 5300457
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 6.1 4.5 6.7





#80

Fluoranthene

Concen: 90.115 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Instrument :

BNA_P

ClientSampleId :

SP6215

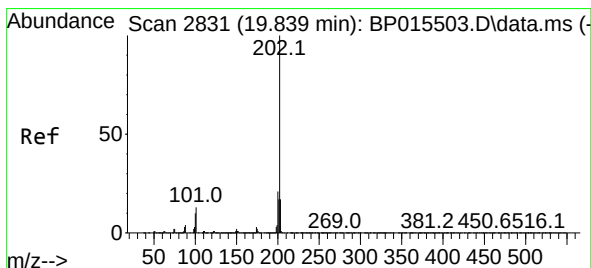
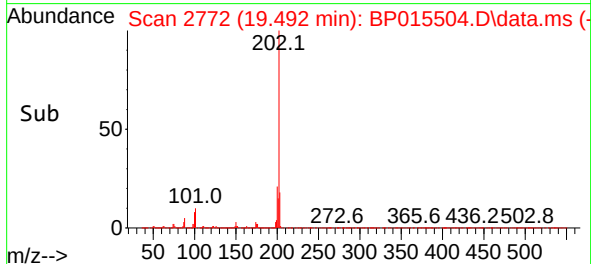
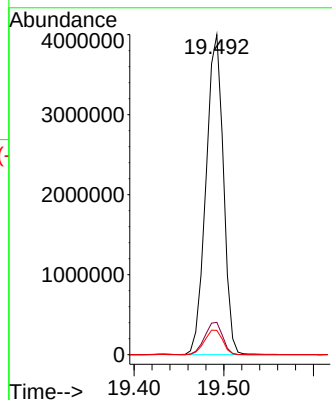
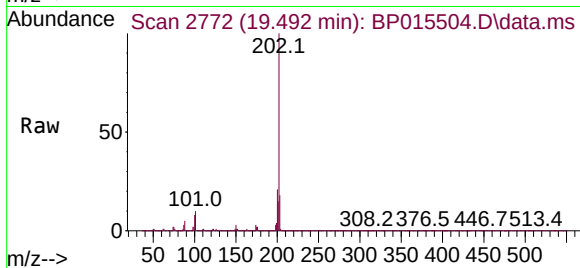
Tgt Ion:202 Resp: 5375001

Ion Ratio Lower Upper

202 100

101 10.1 8.6 13.0

100 7.6 6.6 9.8



#82

Pyrene

Concen: 89.108 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

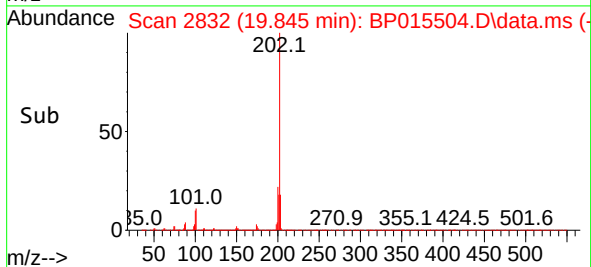
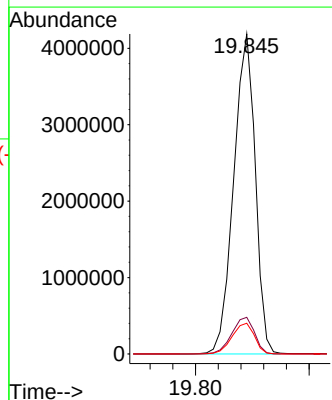
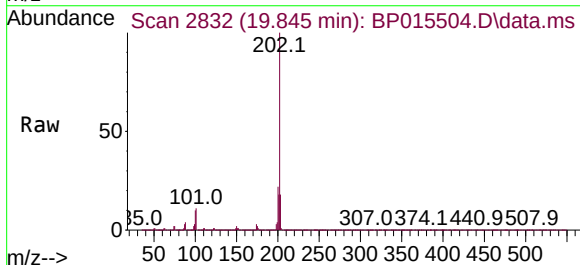
Tgt Ion:202 Resp: 5498744

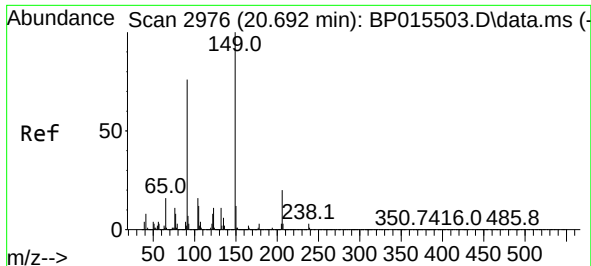
Ion Ratio Lower Upper

202 100

101 11.4 9.9 14.9

100 9.6 8.4 12.6

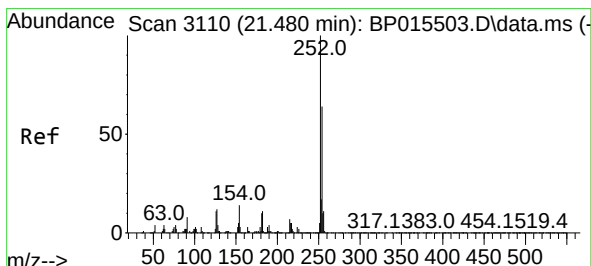
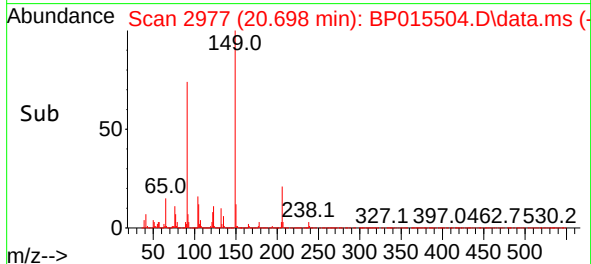
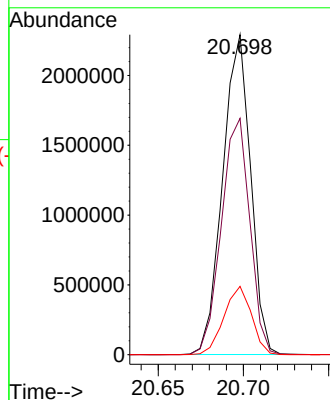
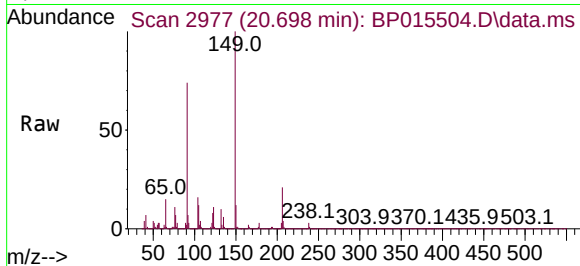




#83
Butylbenzylphthalate
Concen: 95.805 ng/ul
RT: 20.698 min Scan# 2976
Delta R.T. -0.000 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

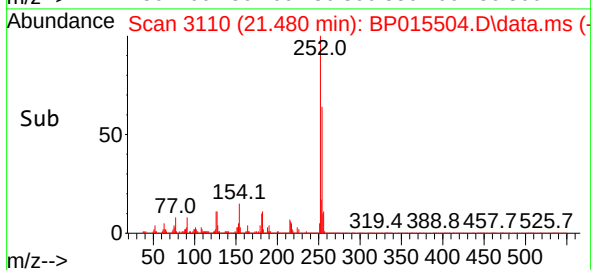
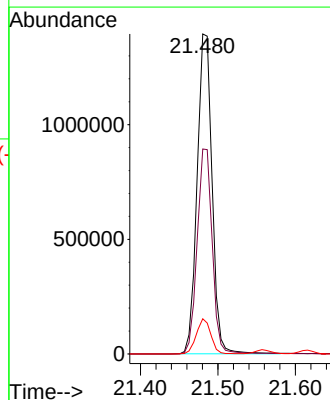
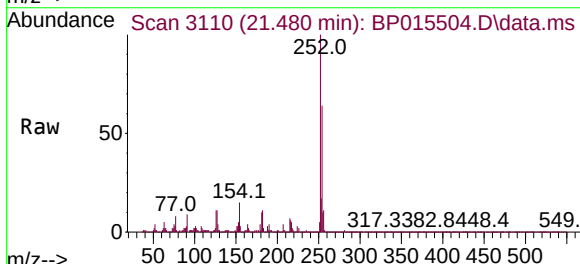
Instrument :
BNA_P
ClientSampleId :
SP6215

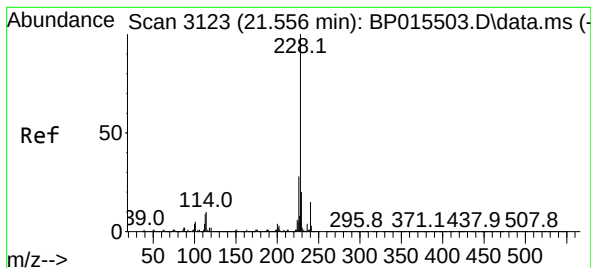
Tgt Ion:149 Resp: 2613041
Ion Ratio Lower Upper
149 100
91 73.8 60.4 90.6
206 21.4 16.4 24.6



#84
3,3'-Dichlorobenzidine
Concen: 86.534 ng/ul
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:252 Resp: 1870387
Ion Ratio Lower Upper
252 100
254 64.0 51.6 77.4
126 11.0 8.5 12.7





#85

Benzo(a)anthracene

Concen: 84.493 ng/ul

RT: 21.557 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Instrument :

BNA_P

ClientSampleId :

SP6215

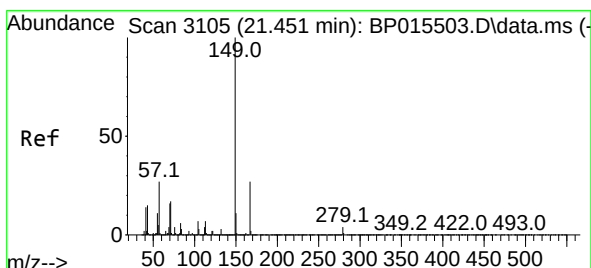
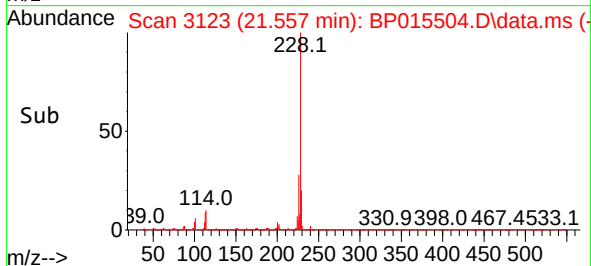
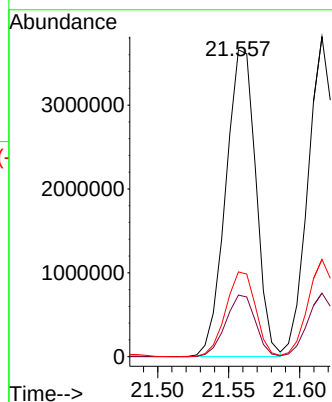
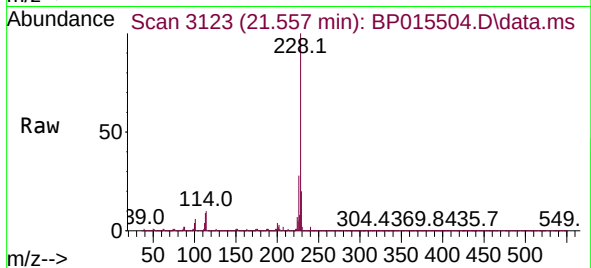
Tgt Ion:228 Resp: 5404012

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 27.6 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 95.290 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

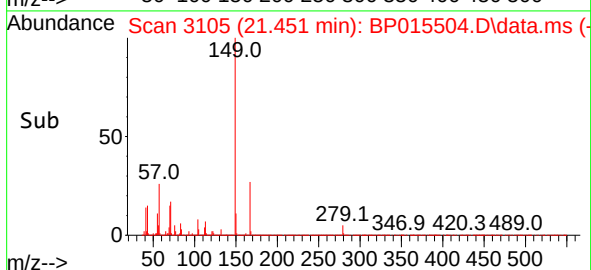
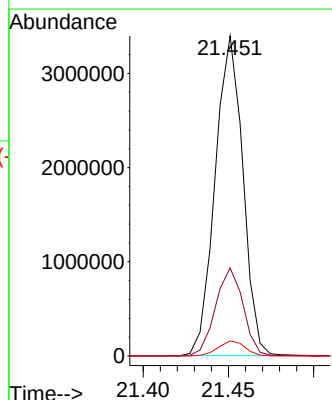
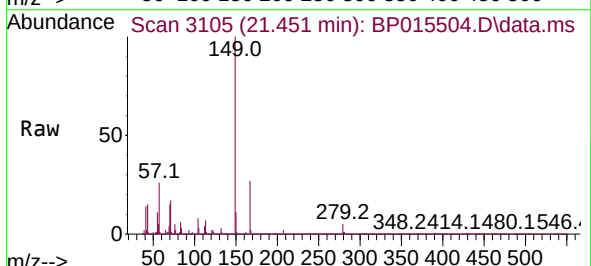
Tgt Ion:149 Resp: 3841532

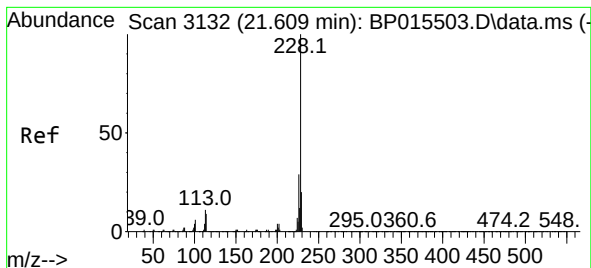
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.7 3.7 5.5





#87

Chrysene

Concen: 82.344 ng/ul

RT: 21.616 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Instrument :

BNA_P

ClientSampleId :

SP6215

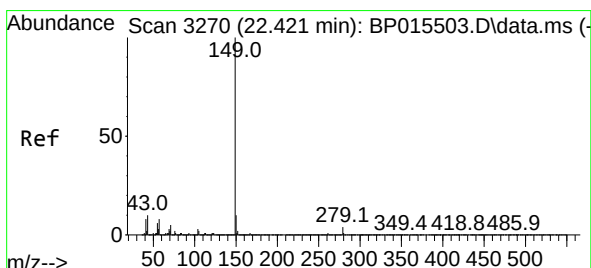
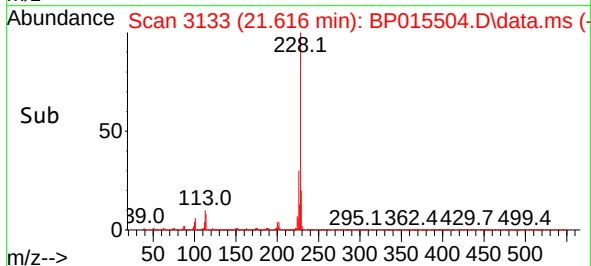
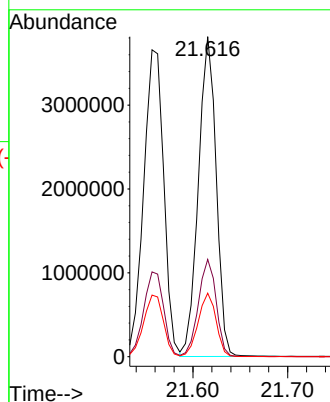
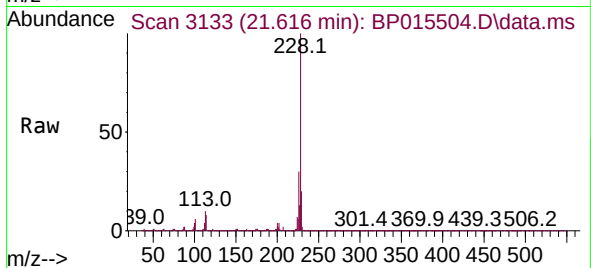
Tgt Ion:228 Resp: 4978024

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.8 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 104.345 ng/ul

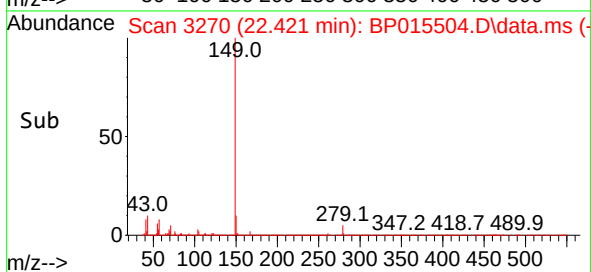
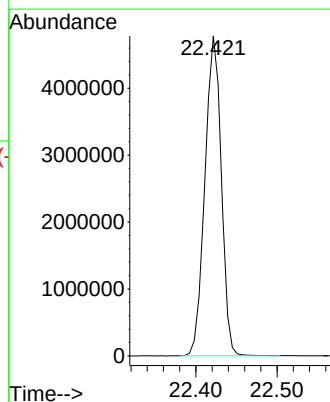
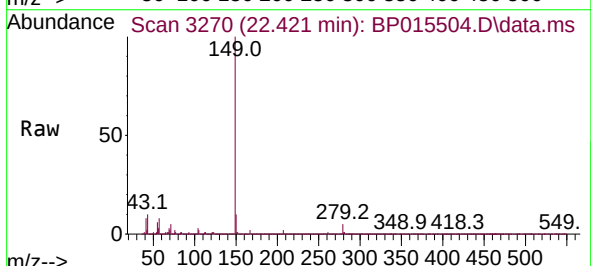
RT: 22.421 min Scan# 3270

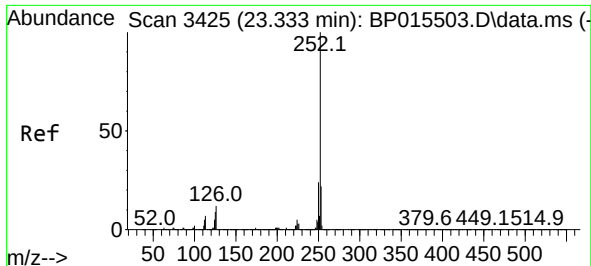
Delta R.T. -0.000 min

Lab File: BP015504.D

Acq: 13 Jun 2023 20:06

Tgt Ion:149 Resp: 6688649

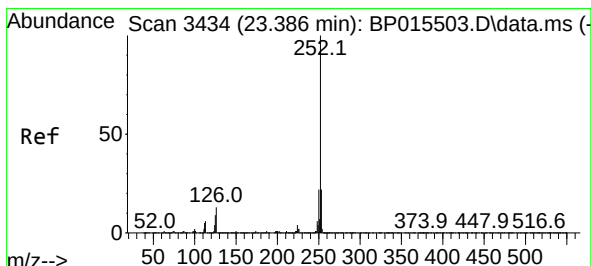
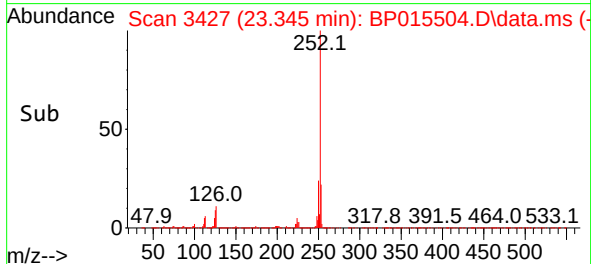
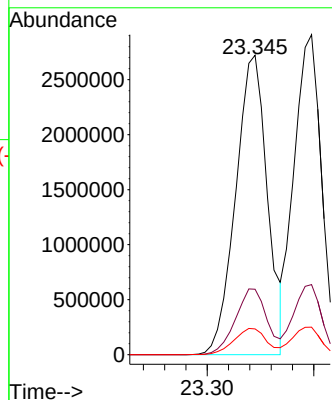
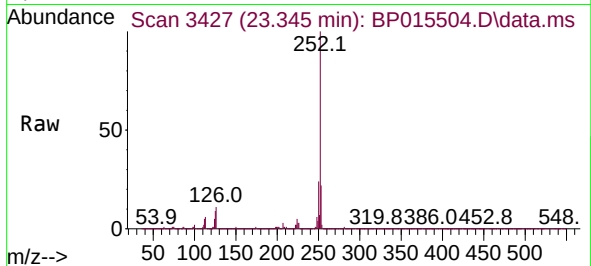




#90
Benzo(b)fluoranthene
Concen: 89.558 ng/ul
RT: 23.345 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

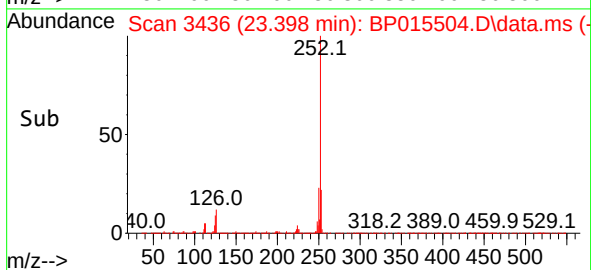
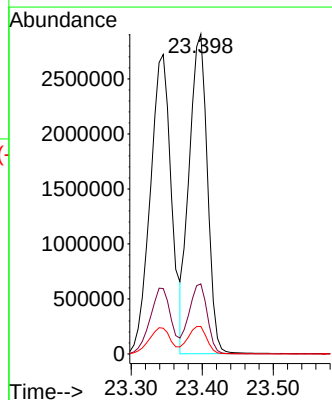
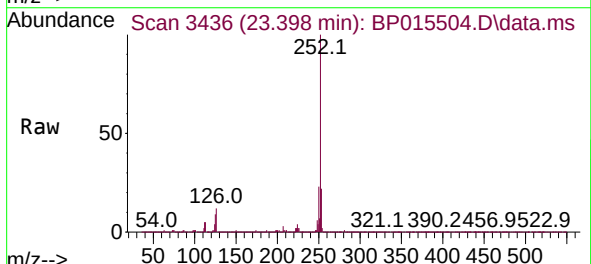
Instrument :
BNA_P
ClientSampleId :
SP6215

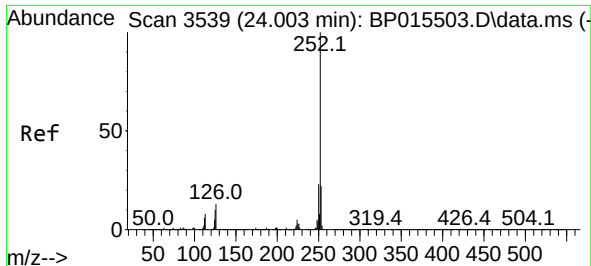
Tgt Ion:252 Resp: 5638344
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.6 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 85.029 ng/ul
RT: 23.398 min Scan# 3436
Delta R.T. 0.012 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:252 Resp: 5174705
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.6 7.3 10.9

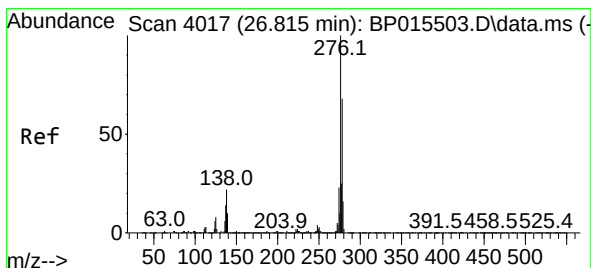
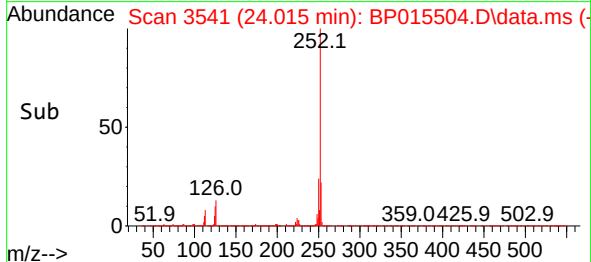
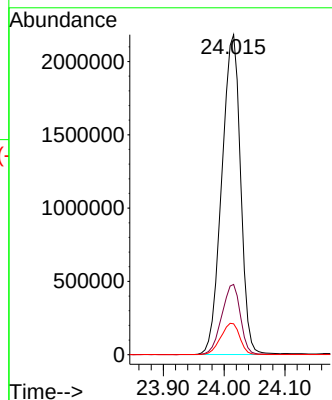
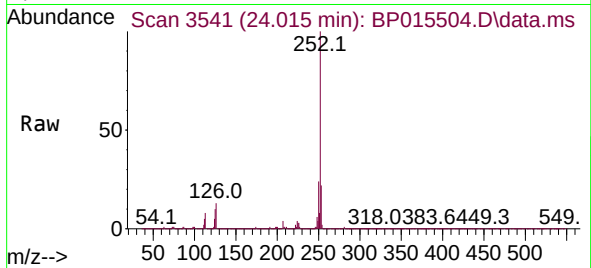




#93
Benzo(a)pyrene
Concen: 85.034 ng/ul
RT: 24.015 min Scan# 3541
Delta R.T. 0.006 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

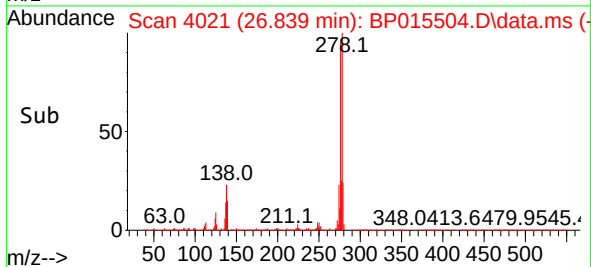
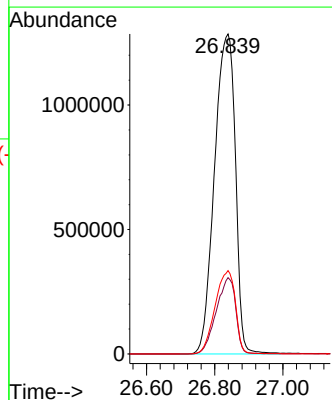
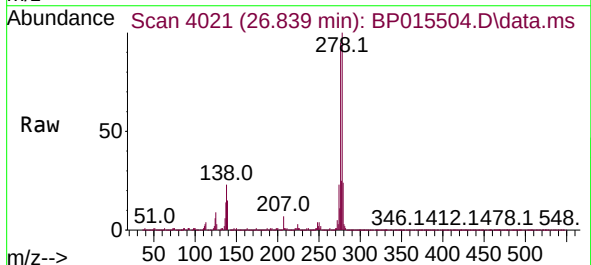
Instrument :
BNA_P
ClientSampleId :
SP6215

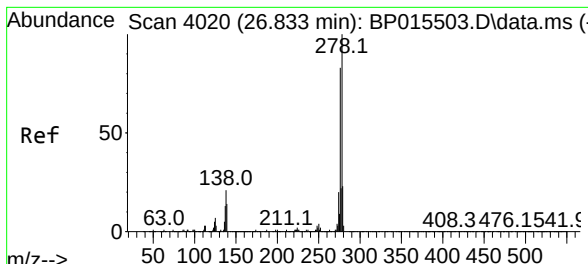
Tgt Ion:252 Resp: 4667514
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.7 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 76.948 ng/ul
RT: 26.839 min Scan# 4021
Delta R.T. 0.012 min
Lab File: BP015504.D
Acq: 13 Jun 2023 20:06

Tgt Ion:276 Resp: 5466121
Ion Ratio Lower Upper
276 100
138 23.9 17.3 25.9
277 26.1 20.2 30.2



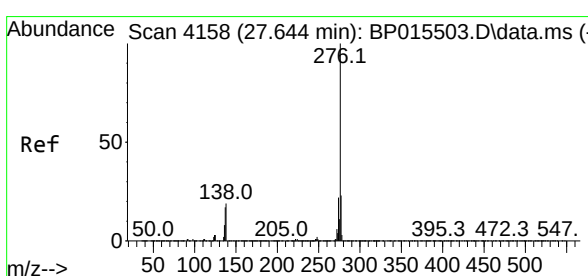
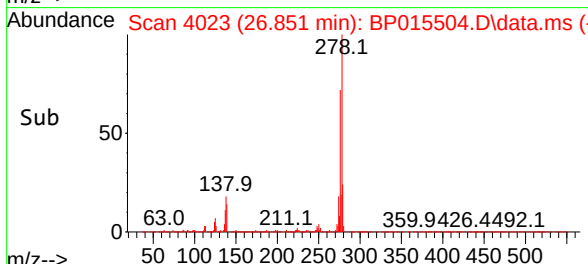
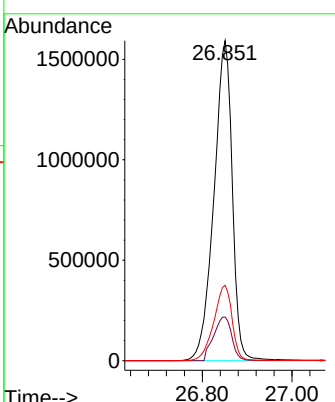
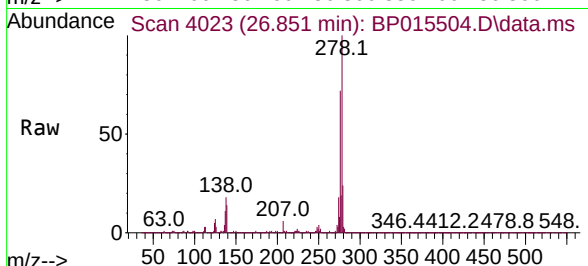


#95
 Dibenzo(a,h)anthracene
 Concen: 78.078 ng/ul
 RT: 26.851 min Scan# 4023
 Delta R.T. 0.012 min
 Lab File: BP015504.D
 Acq: 13 Jun 2023 20:06

Instrument :
 BNA_P
 ClientSampleId :
 SP6215

Tgt Ion:278 Resp: 4518634

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.4	17.0
279	23.6	18.7	28.1



#96
 Benzo(g,h,i)perylene
 Concen: 75.144 ng/ul
 RT: 27.668 min Scan# 4162
 Delta R.T. 0.012 min
 Lab File: BP015504.D
 Acq: 13 Jun 2023 20:06

Tgt Ion:276 Resp: 4399031

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.6	23.4
277	23.8	19.0	28.6

