

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011202.D
 Acq On : 01 Aug 2022 16:28
 Operator : CG/JU
 Sample : N3790-10MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 01 23:00:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	235492	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	895691	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	412172	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	827913	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.216	240	801401	20.000	ng/u1	# 0.00
88) Perylene-d12	23.557	264	932364	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	18685	3.634	ng/uL	0.00
4) Pyridine-d5	3.558	84	197005	13.542	ng/u1	0.00
7) Phenol-d5	6.828	99	538993	26.222	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	389616	26.806	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	445581	27.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	402012	23.909	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	204050	29.313	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	195344	29.297	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	332235	28.274	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	423337	22.223	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	907178	32.305	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1135321	32.172	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	187543	37.128	ng/u1	0.00
60) Fluorene-d10	15.316	176	789411	33.454	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	131093	31.411	ng/u1	0.00
73) Anthracene-d10	17.187	188	1270890	34.838	ng/u1	0.00
81) Pyrene-d10	19.445	212	1540668	35.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	1647474	35.575	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	47532	8.930	ng/uL#	81
5) Pyridine	3.576	79	272306	18.146	ng/u1#	72
6) Benzaldehyde	6.799	77	496271	50.052	ng/u1	98
8) Phenol	6.858	94	685618	31.091	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.087	93	579006	32.383	ng/u1	97
12) 2-Chlorophenol	7.216	128	546843	32.471	ng/u1	96
13) 2-Methylphenol	8.099	108	483601	29.588	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	941805	31.449	ng/u1	97
16) Acetophenone	8.475	105	809543	30.952	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.463	70	412807	29.857	ng/u1	97
18) 4-Methylphenol	8.434	108	510285	28.990	ng/u1	100
19) Hexachloroethane	8.716	117	252495	33.377	ng/u1#	75
22) Nitrobenzene	8.852	77	633426	35.393	ng/u1	98
23) Isophorone	9.381	82	1084164	33.481	ng/u1	97
25) 2-Nitrophenol	9.563	139	260736	34.800	ng/u1	89
26) 2,4-Dimethylphenol	9.634	107	497835	30.930	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	666942	32.781	ng/u1	97
29) 2,4-Dichlorophenol	10.093	162	399604	32.881	ng/u1	98
30) Naphthalene	10.493	128	1680904	35.671	ng/u1	100
32) 4-Chloroaniline	10.616	127	516487	27.286	ng/u1	99
33) Hexachlorobutadiene	10.769	225	256009	34.492	ng/u1	95
34) Caprolactam	11.410	113	135973	33.643	ng/u1	91
35) 4-Chloro-3-methylphenol	11.752	107	473030	34.714	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	993174	33.305	ng/u1	98

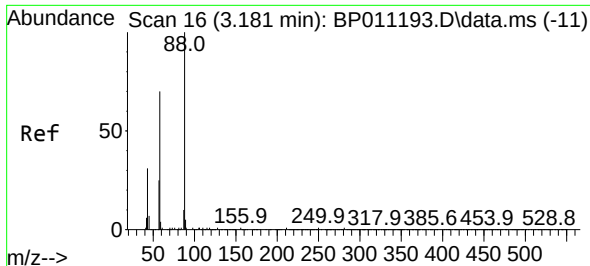
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	986122	33.009	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.487	216	399669	34.852	ng/ul#	98
40) Hexachlorocyclopentadiene	12.457	237	172184	22.775	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	277908	38.594	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	309749	40.634	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	1173752	35.641	ng/ul#	96
44) 2-Chloronaphthalene	13.181	162	865690	35.162	ng/ul	95
45) 2-Nitroaniline	13.399	65	295592	41.310	ng/ul	96
47) Dimethylphthalate	13.787	163	1080802	38.216	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	208595	42.211	ng/ul	88
50) Acenaphthylene	14.034	152	1477329	37.474	ng/ul	98
51) 3-Nitroaniline	14.234	138	242144	45.371	ng/ul	100
52) Acenaphthene	14.381	153	1132783	43.991	ng/ul	98
53) 2,4-Dinitrophenol	14.446	184	103971	37.306	ng/ul	99
55) 4-Nitrophenol	14.557	109	199227	45.902	ng/ul#	79
56) Dibenzofuran	14.716	168	1463344	41.808	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	335769	48.699	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	241296	43.533	ng/ul#	82
59) Diethylphthalate	15.157	149	1199551	42.438	ng/ul	96
61) Fluorene	15.375	166	1316053	48.354	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	465639	37.590	ng/ul	90
63) 4-Nitroaniline	15.410	138	253762	55.927	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.469	198	164536	38.818	ng/ul#	94
67) N-Nitrosodiphenylamine	15.593	169	949257	37.309	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	289806	36.478	ng/ul#	90
69) Hexachlorobenzene	16.381	284	353247	38.868	ng/ul#	90
70) Atrazine	16.563	200	330270	41.279	ng/ul	96
71) Pentachlorophenol	16.734	266	201570	38.630	ng/ul	95
72) Phenanthrene	17.134	178	5111614	112.814	ng/ul	98
74) Anthracene	17.222	178	2576070	57.468	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	397842	27.874	ng/uL	98
76) Pentachlorobenzene	14.634	250	392130	33.335	ng/uL	99
77) Carbazole	17.504	167	2514266	63.310	ng/ul	98
78) Di-n-butylphthalate	18.069	149	2255450	47.492	ng/ul	100
80) Fluoranthene	19.122	202	6693232	125.827	ng/ul#	84
82) Pyrene	19.475	202	5720257	104.647	ng/ul#	79
83) Butylbenzylphthalate	20.369	149	1111144	50.764	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.139	252	481345	34.436	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	4567942	91.692	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.133	149	1720081	51.996	ng/ul#	95
87) Chrysene	21.251	228	4397270	88.787	ng/ul	97
89) Di-n-octyl phthalate	22.045	149	3058766	47.733	ng/ul	100
90) Benzo(b)fluoranthene	22.851	252	5135970	87.380	ng/ul#	94
91) Benzo(k)fluoranthene	22.898	252	3530482	63.288	ng/ul#	93
93) Benzo(a)pyrene	23.463	252	4277283	74.605	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.004	276	4131144	58.487	ng/ul#	86
95) Dibenzo(a,h)anthracene	26.015	278	2825933	46.646	ng/ul#	90
96) Benzo(g,h,i)perylene	26.745	276	3030802	49.613	ng/ul#	86

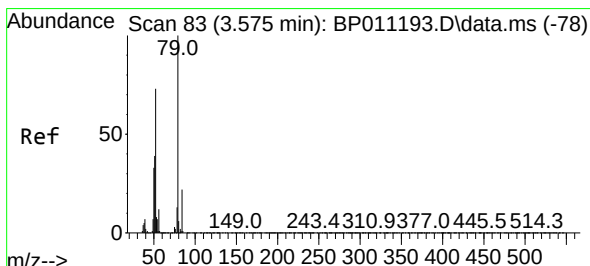
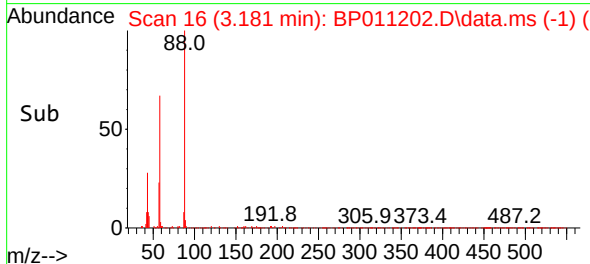
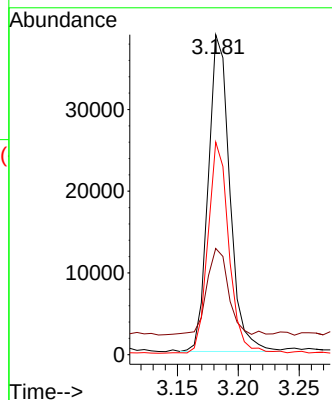
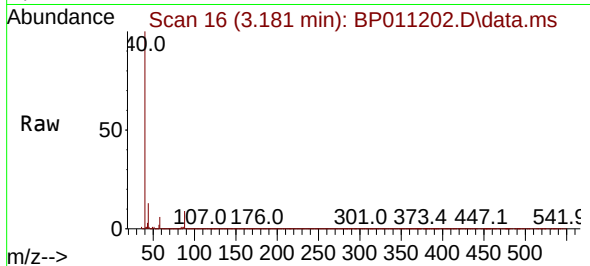
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#2
1,4-Dioxane
Concen: 8.930 ng/uL
RT: 3.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011202.D
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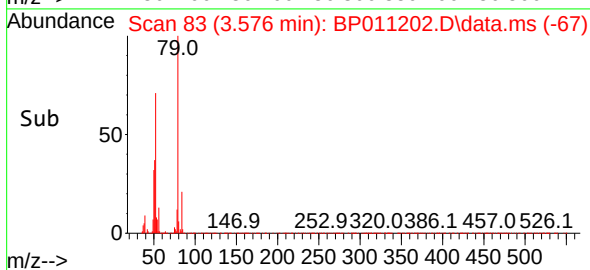
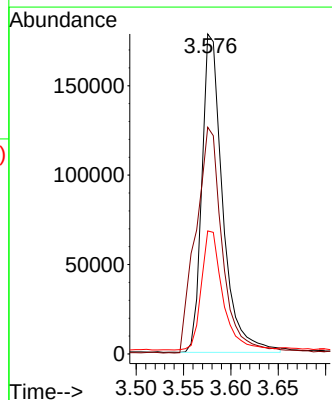
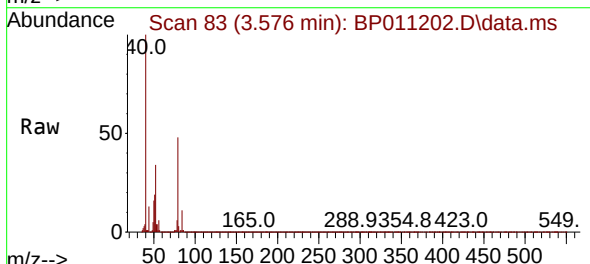
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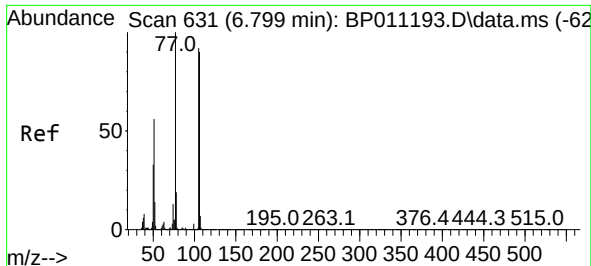
Tgt Ion: 88 Resp: 47532
Ion Ratio Lower Upper
88 100
43 33.2 35.8 53.6#
58 66.5 68.1 102.1#



#5
Pyridine
Concen: 18.146 ng/uL
RT: 3.576 min Scan# 83
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion: 79 Resp: 272306
Ion Ratio Lower Upper
79 100
52 70.8 83.8 125.8#
51 38.5 41.0 61.4#

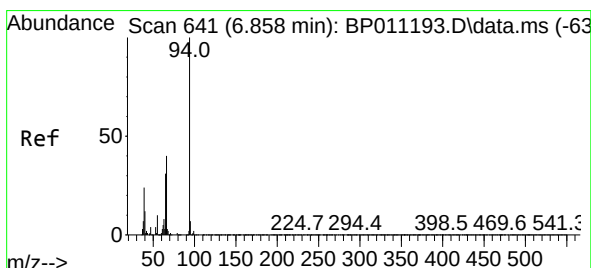
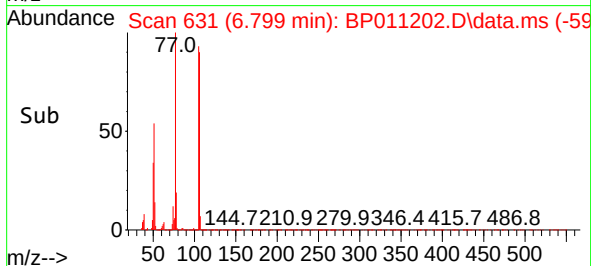
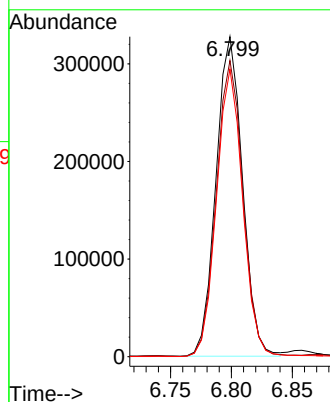
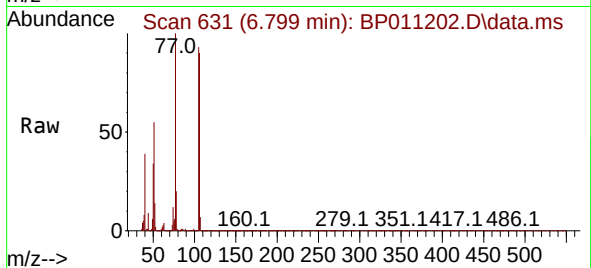




#6
Benzaldehyde
Concen: 50.052 ng/ul
RT: 6.799 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

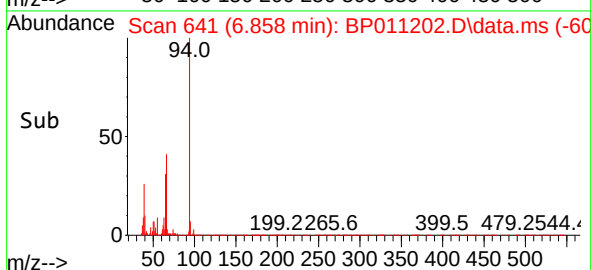
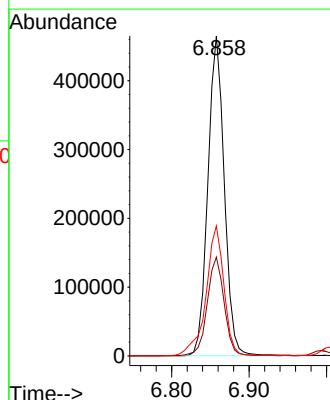
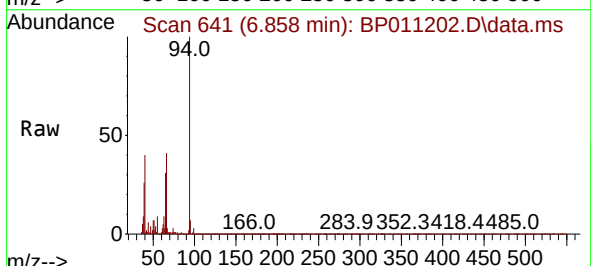
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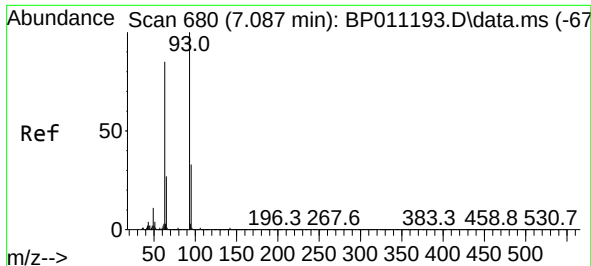
Tgt Ion: 77 Resp: 496271
Ion Ratio Lower Upper
77 100
105 92.5 76.0 114.0
106 89.8 73.2 109.8



#8
Phenol
Concen: 31.091 ng/ul
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion: 94 Resp: 685618
Ion Ratio Lower Upper
94 100
65 30.9 27.4 41.2
66 40.6 37.4 56.2

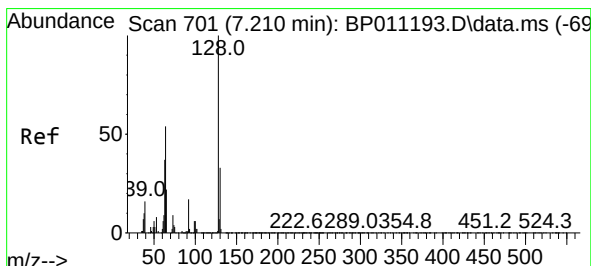
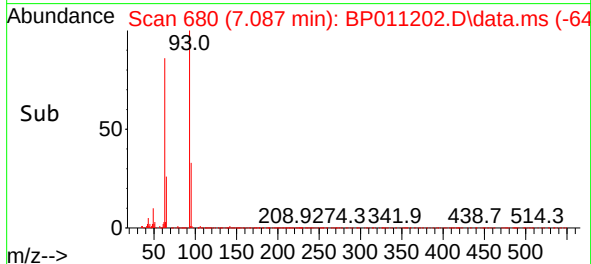
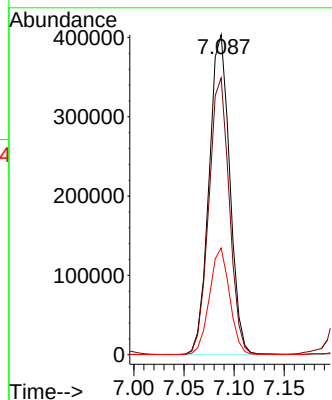
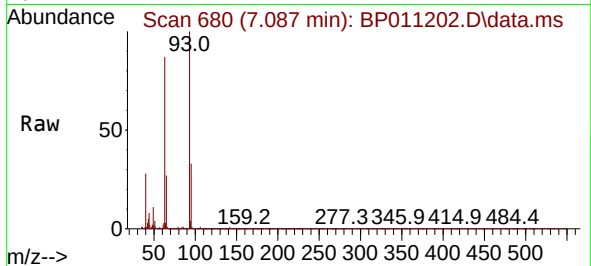




#10
 Bis(2-Chloroethyl)ether
 Concen: 32.383 ng/ul
 RT: 7.087 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP011202.D
 Acq: 01 Aug 2022 16:28

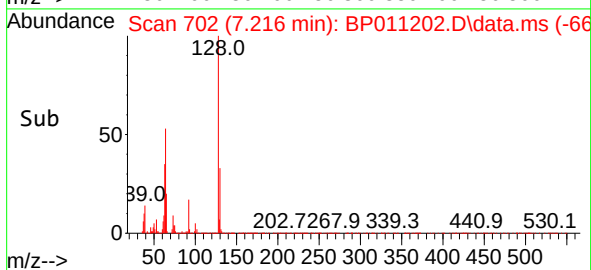
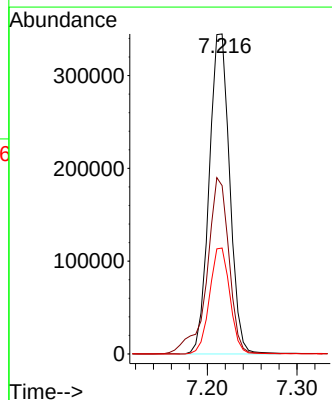
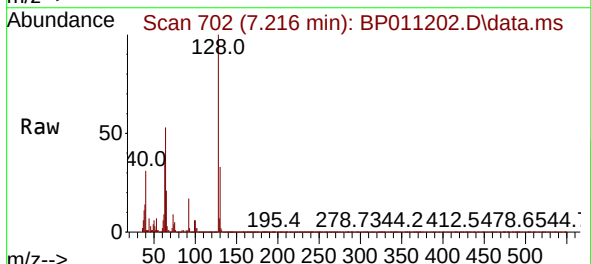
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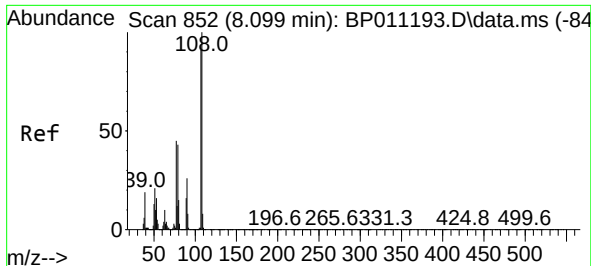
Tgt Ion: 93 Resp: 579006
 Ion Ratio Lower Upper
 93 100
 63 86.5 72.4 108.6
 95 33.4 27.3 40.9



#12
 2-Chlorophenol
 Concen: 32.471 ng/ul
 RT: 7.216 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: BP011202.D
 Acq: 01 Aug 2022 16:28

Tgt Ion: 128 Resp: 546843
 Ion Ratio Lower Upper
 128 100
 64 52.6 44.8 67.2
 130 33.1 25.8 38.6





#13

2-Methylphenol

Concen: 29.588 ng/ul

RT: 8.099 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

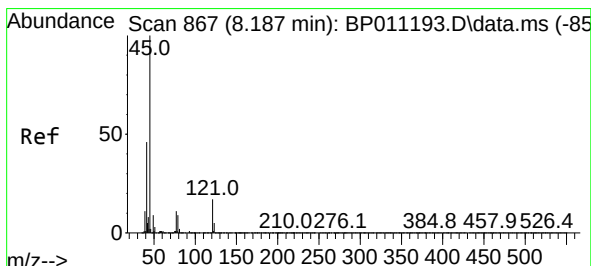
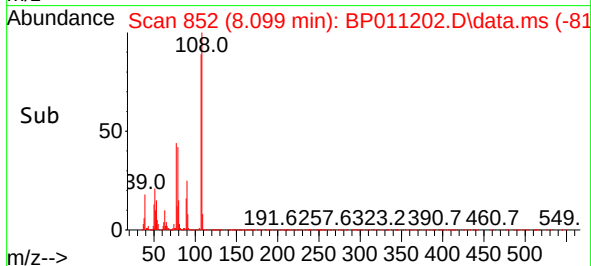
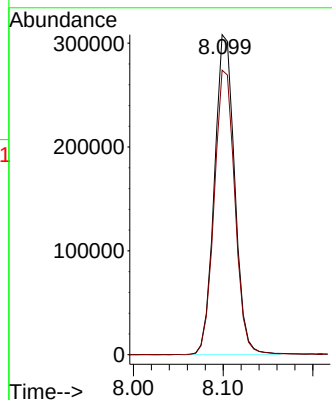
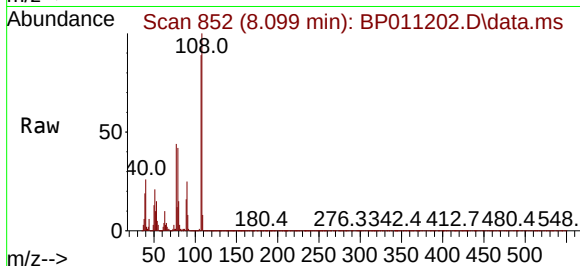
ClientSampleId :

Tgt Ion:108 Resp: 483601

Ion Ratio Lower Upper

108 100

107 88.9 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.449 ng/ul

RT: 8.187 min Scan# 867

Delta R.T. -0.006 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

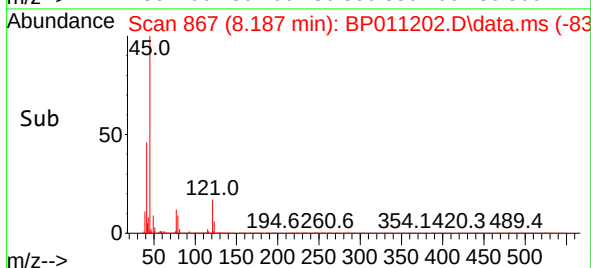
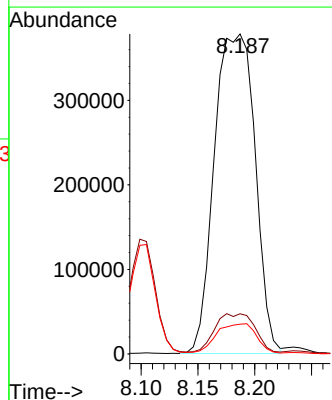
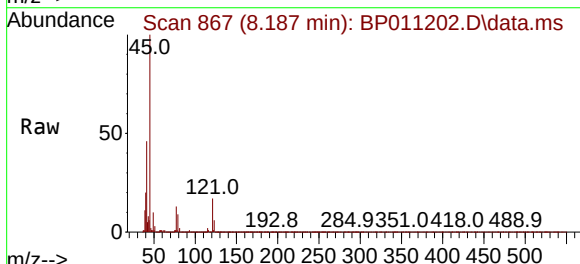
Tgt Ion: 45 Resp: 941805

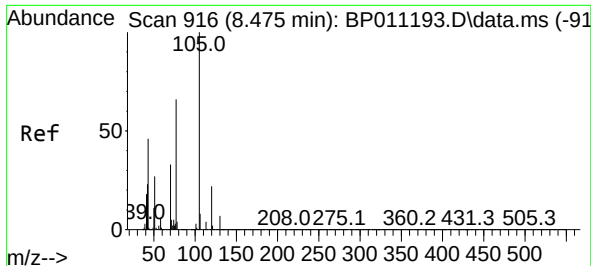
Ion Ratio Lower Upper

45 100

77 12.6 11.2 16.8

79 9.3 6.9 10.3

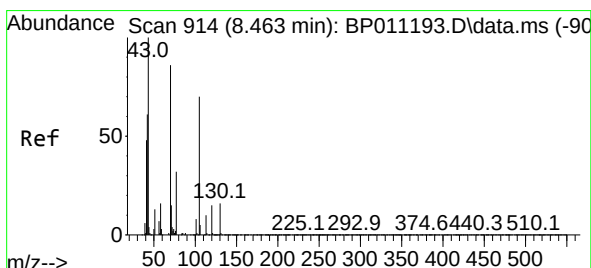
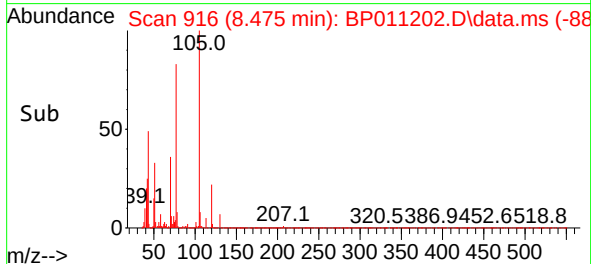
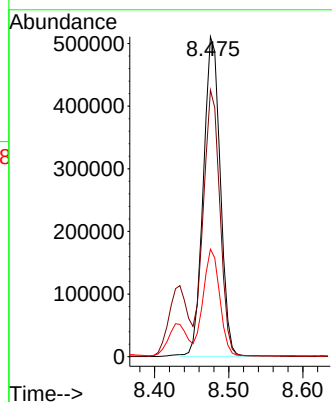
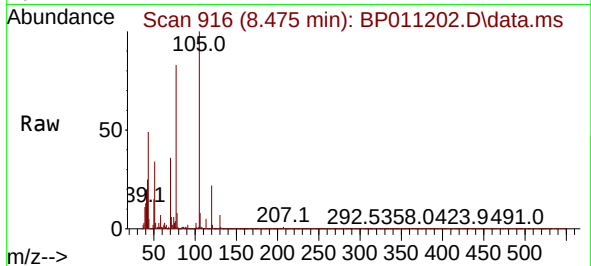




#16
Acetophenone
Concen: 30.952 ng/ul
RT: 8.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

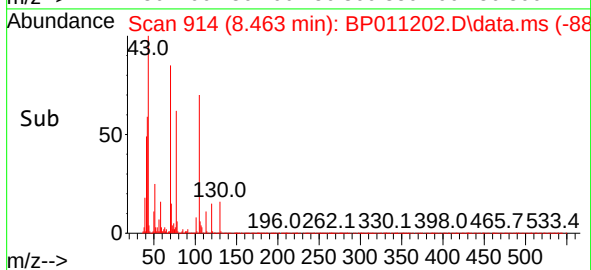
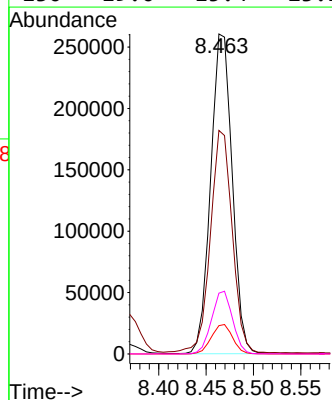
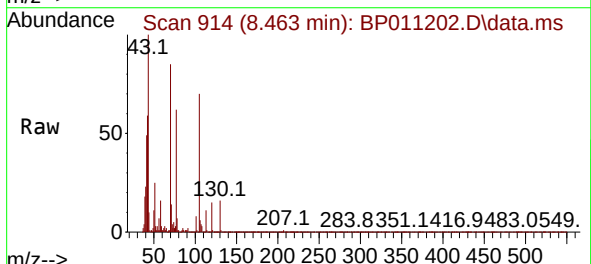
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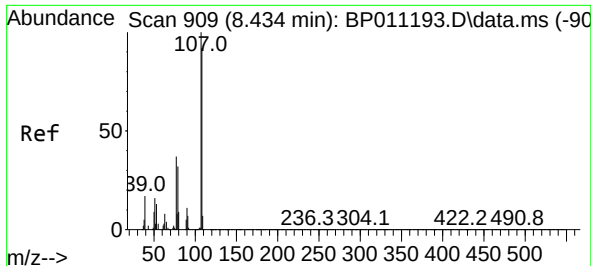
Tgt Ion:105 Resp: 809543
Ion Ratio Lower Upper
105 100
77 83.4 67.5 101.3
51 33.6 29.6 44.4



#17
N-Nitroso-di-n-propylamine
Concen: 29.857 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion: 70 Resp: 412807
Ion Ratio Lower Upper
70 100
42 69.9 53.8 80.8
101 8.8 7.8 11.6
130 19.0 15.4 23.2

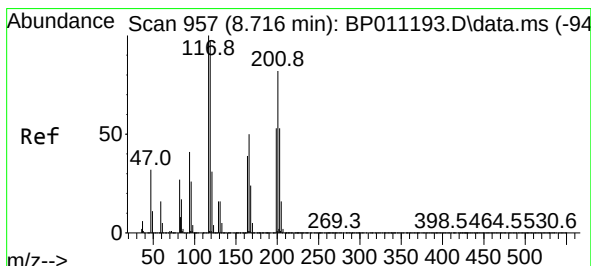
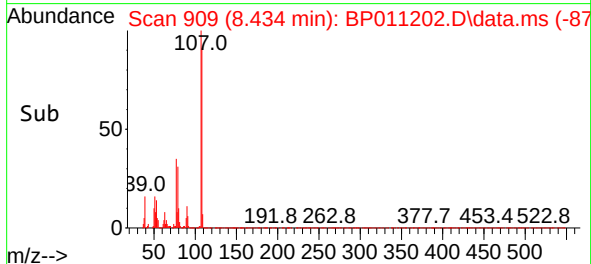
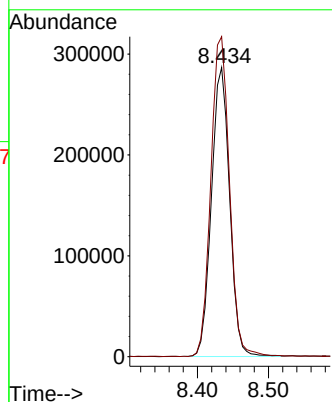
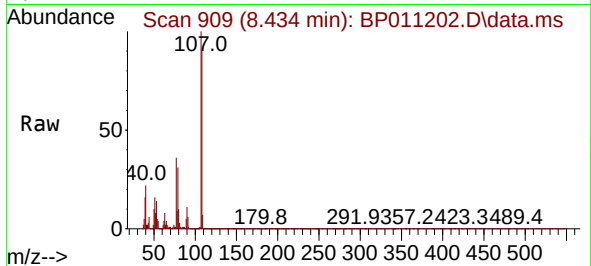




#18
4-Methylphenol
Concen: 28.990 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

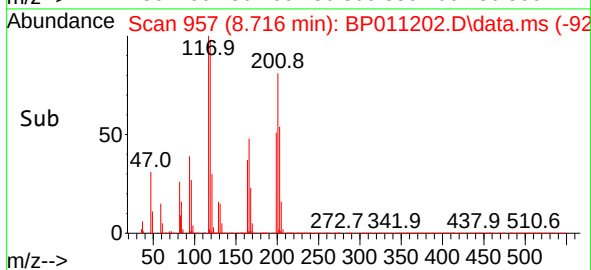
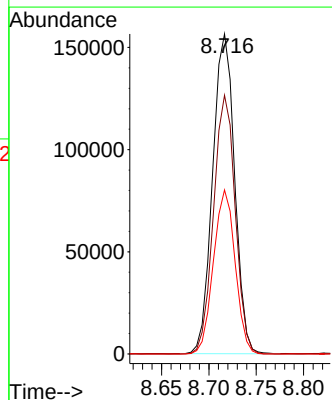
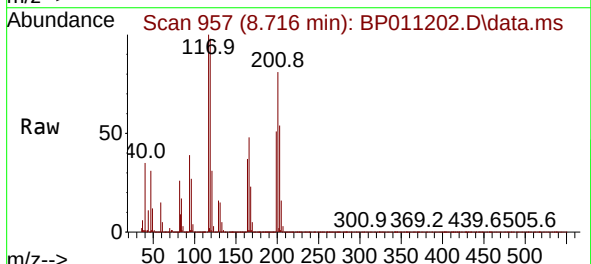
Instrument :
BNA_P
ClientSampleId :

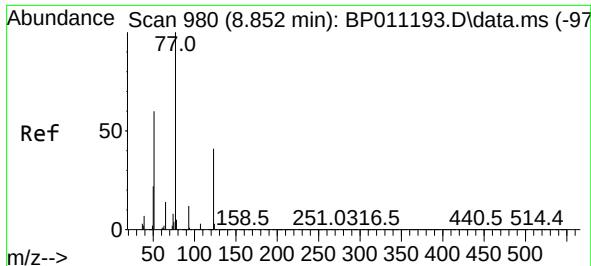
Tgt Ion:108 Resp: 510285
Ion Ratio Lower Upper
108 100
107 110.7 88.3 132.5



#19
Hexachloroethane
Concen: 33.377 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:117 Resp: 252495
Ion Ratio Lower Upper
117 100
201 80.9 85.7 128.5#
199 51.2 57.4 86.0#

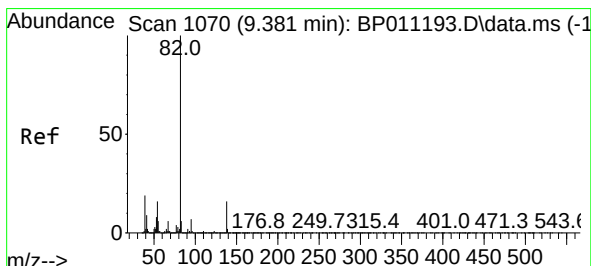
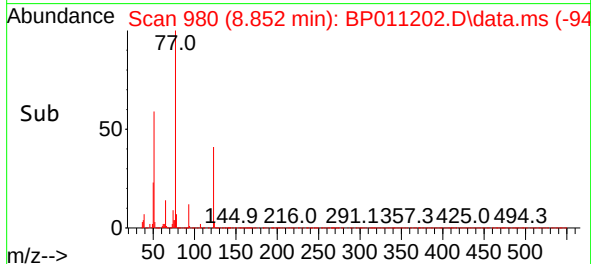
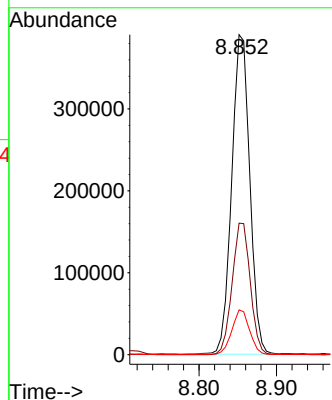
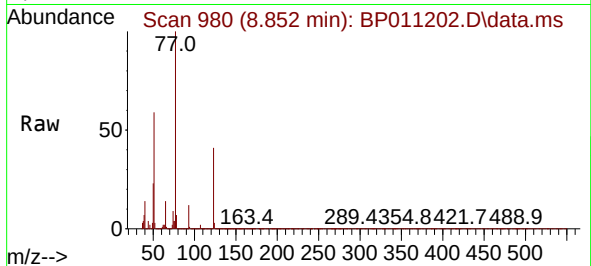




#22
Nitrobenzene
Concen: 35.393 ng/ul
RT: 8.852 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

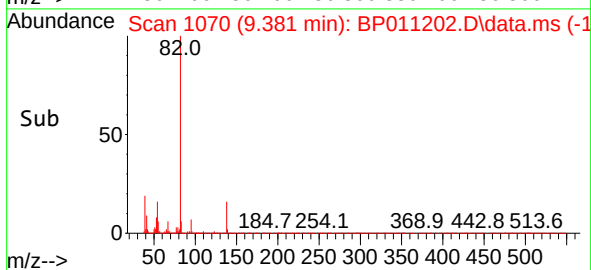
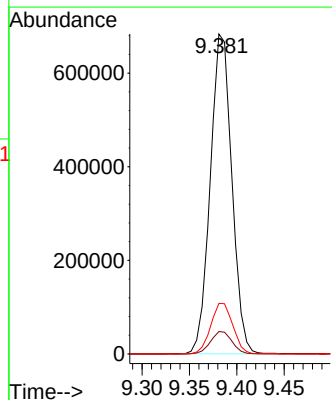
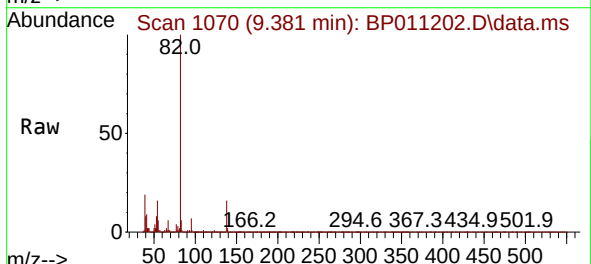
Instrument :
BNA_P
ClientSampleId :

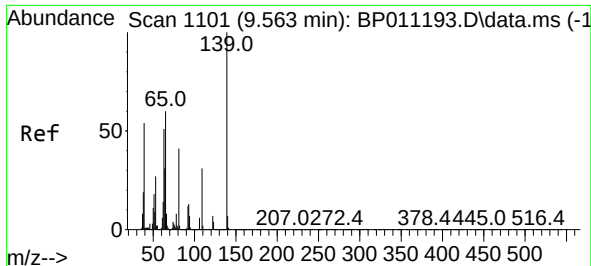
Tgt Ion: 77 Resp: 633426
Ion Ratio Lower Upper
77 100
123 41.1 31.5 47.3
65 14.0 11.4 17.2



#23
Isophorone
Concen: 33.481 ng/ul
RT: 9.381 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion: 82 Resp: 1084164
Ion Ratio Lower Upper
82 100
95 7.0 6.6 10.0
138 15.8 13.8 20.6

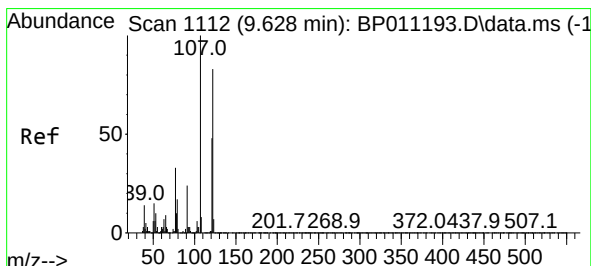
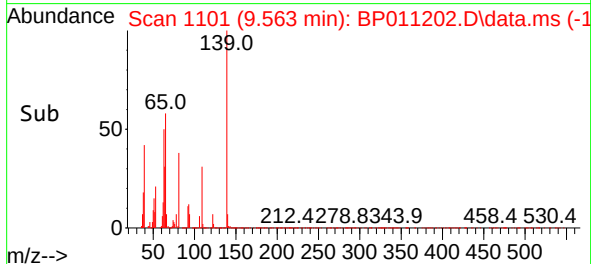
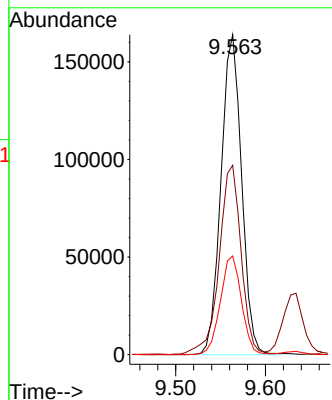
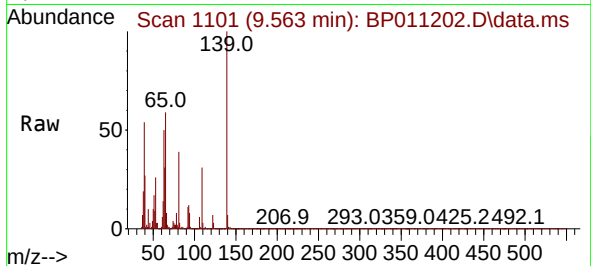




#25
2-Nitrophenol
Concen: 34.800 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

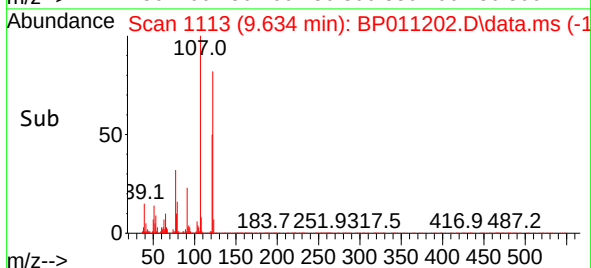
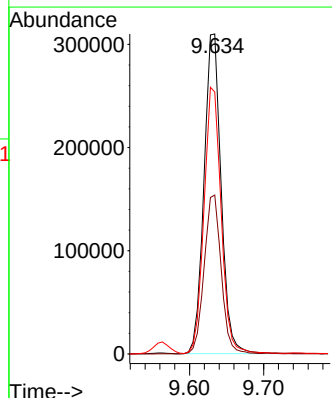
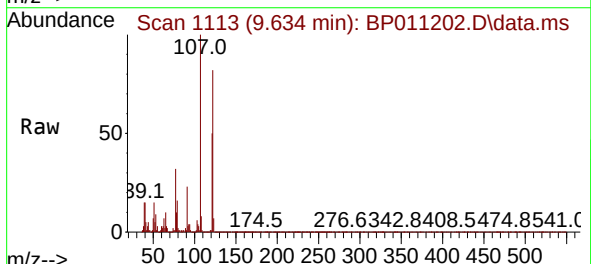
Instrument :
BNA_P
ClientSampleId :

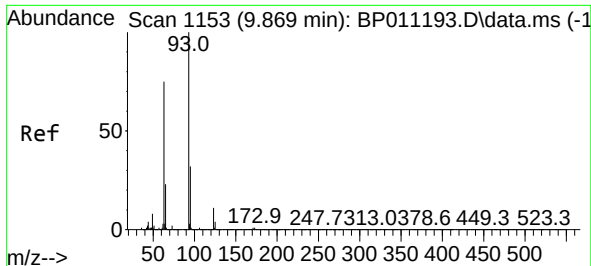
Tgt Ion:139 Resp: 260736
Ion Ratio Lower Upper
139 100
65 59.2 54.2 81.4
109 30.9 30.6 45.8



#26
2,4-Dimethylphenol
Concen: 30.930 ng/ul
RT: 9.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:107 Resp: 497835
Ion Ratio Lower Upper
107 100
121 49.7 39.1 58.7
122 81.9 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 32.781 ng/ul

RT: 9.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

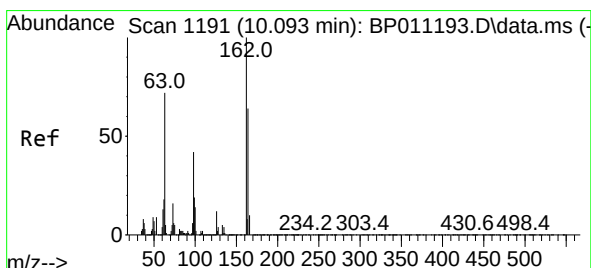
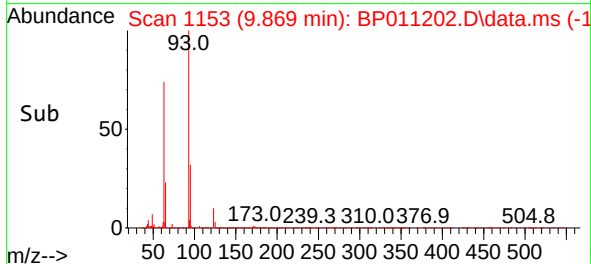
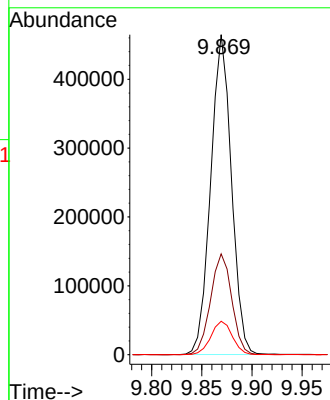
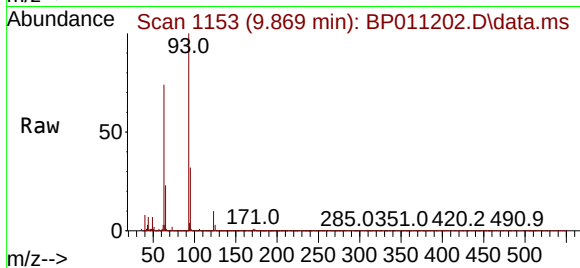
Tgt Ion: 93 Resp: 666942

Ion Ratio Lower Upper

93 100

95 31.5 26.6 39.8

123 10.4 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 32.881 ng/ul

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

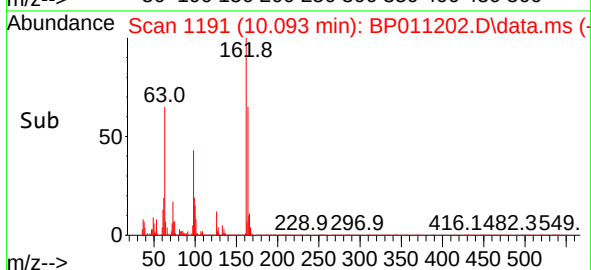
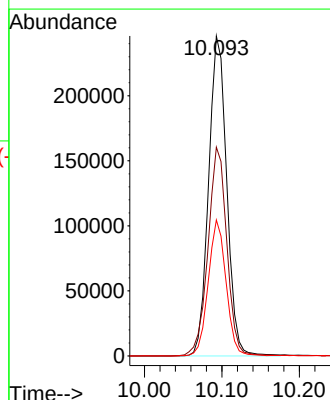
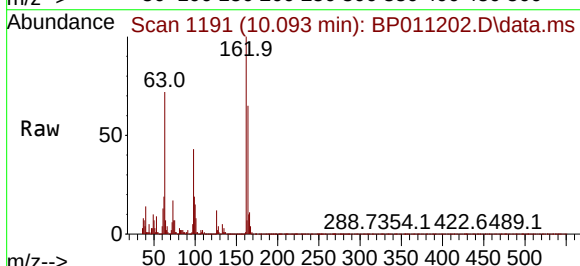
Tgt Ion:162 Resp: 399604

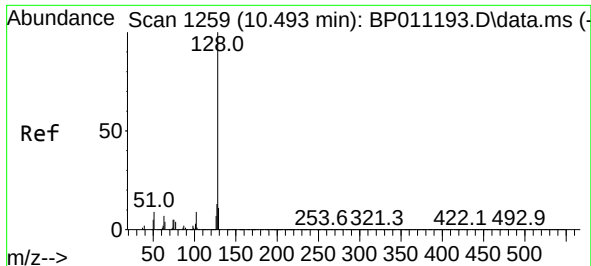
Ion Ratio Lower Upper

162 100

164 65.2 52.5 78.7

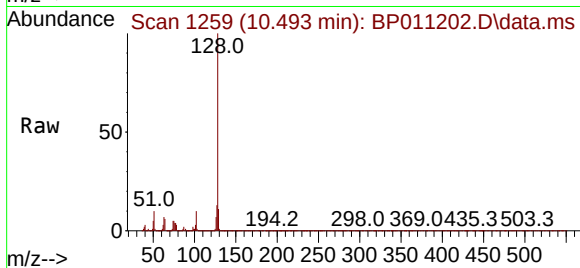
98 42.5 31.4 47.0



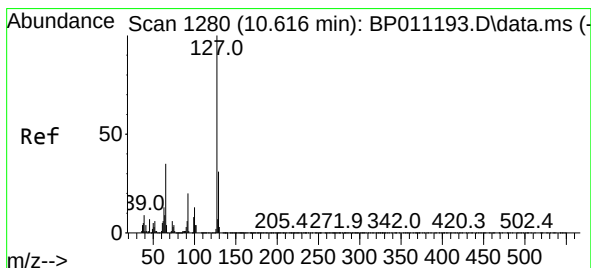
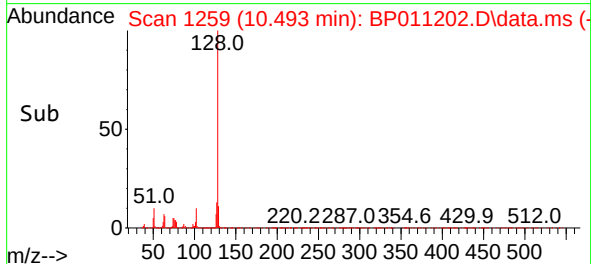
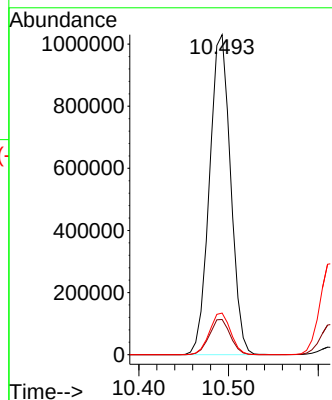


#30
Naphthalene
Concen: 35.671 ng/ul
RT: 10.493 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Instrument :
BNA_P
ClientSampleId :

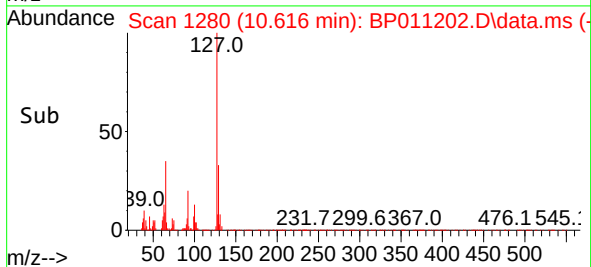
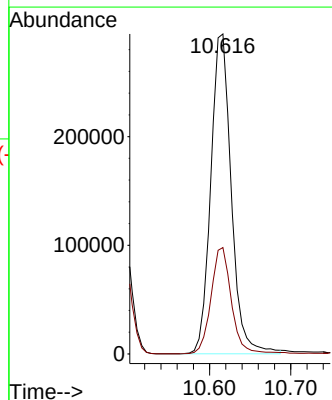
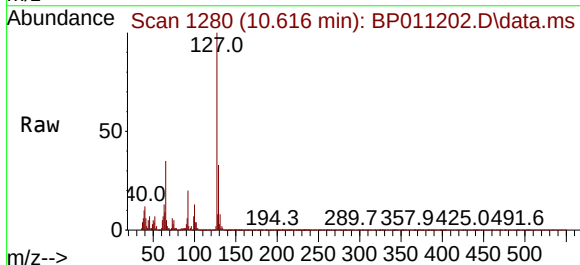


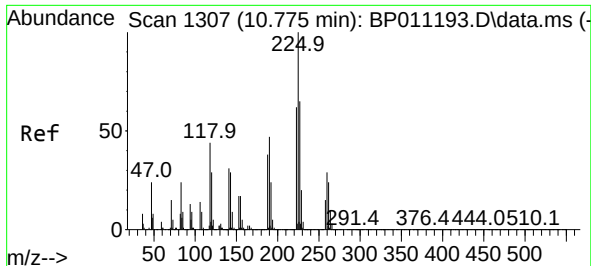
Tgt Ion:128 Resp: 1680904
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 27.286 ng/ul
RT: 10.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:127 Resp: 516487
Ion Ratio Lower Upper
127 100
129 33.3 26.2 39.2

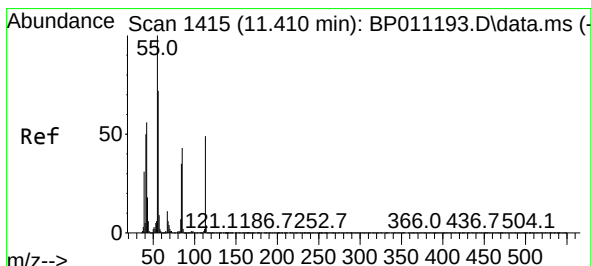
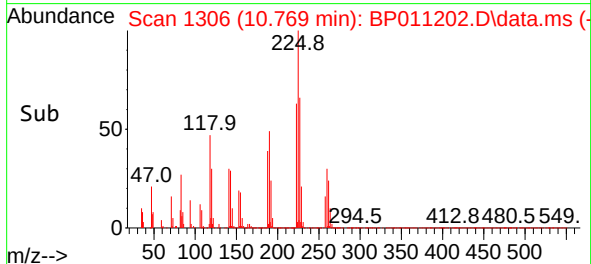
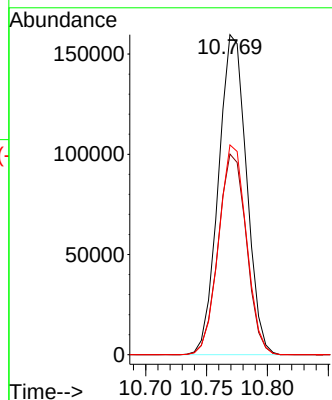
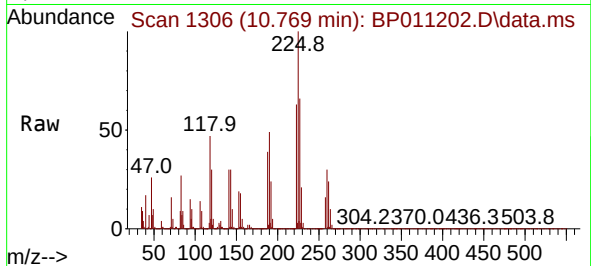




#33
Hexachlorobutadiene
Concen: 34.492 ng/ul
RT: 10.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

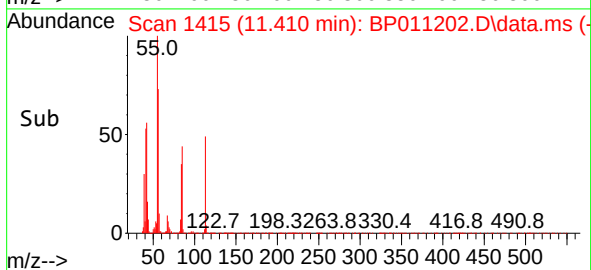
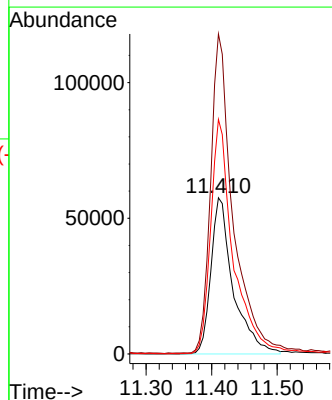
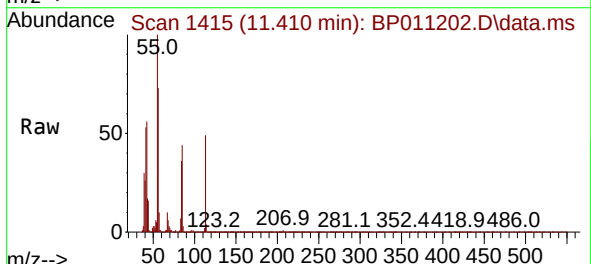
Instrument :
BNA_P
ClientSampleId :

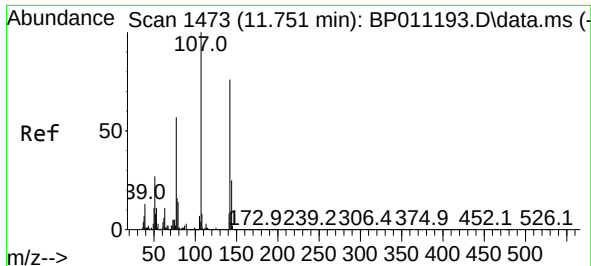
Tgt Ion:225 Resp: 256009
Ion Ratio Lower Upper
225 100
223 62.7 53.7 80.5
227 65.6 49.4 74.2



#34
Caprolactam
Concen: 33.643 ng/ul
RT: 11.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:113 Resp: 135973
Ion Ratio Lower Upper
113 100
55 204.9 153.8 230.8
56 150.2 110.2 165.4

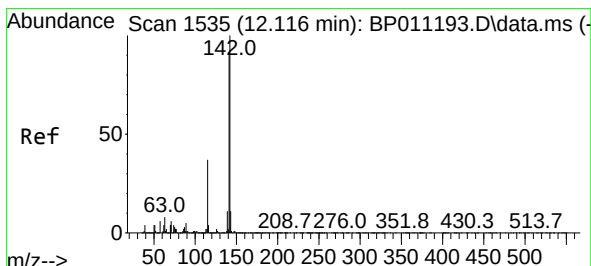
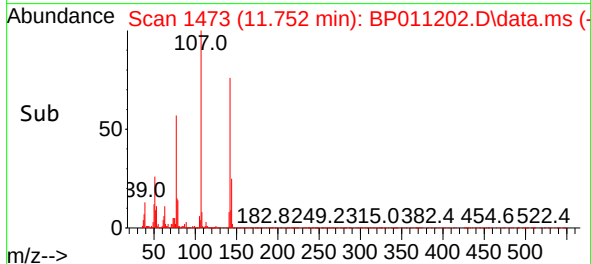
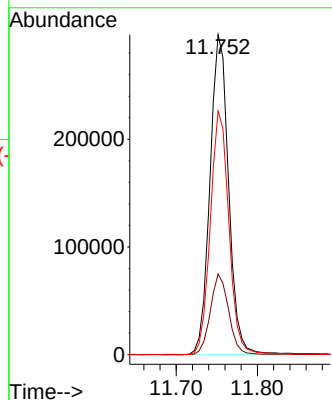
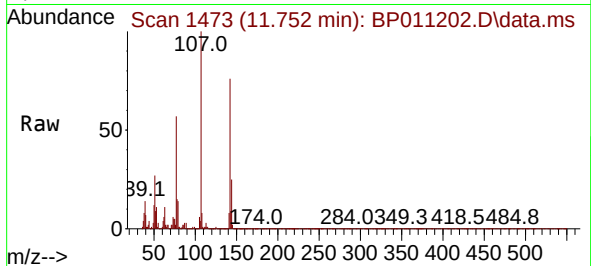




#35
4-Chloro-3-methylphenol
Concen: 34.714 ng/ul
RT: 11.752 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

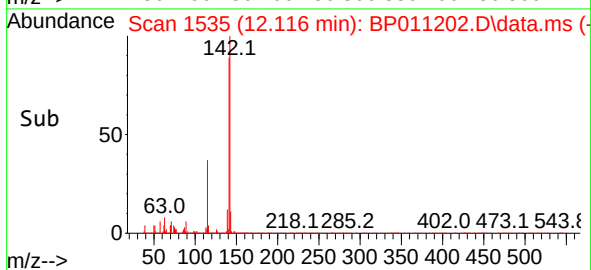
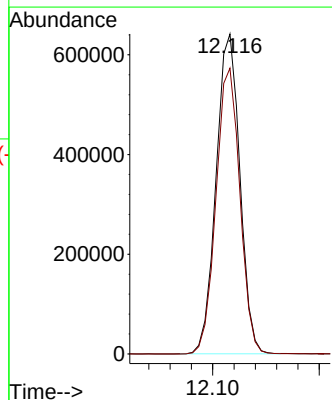
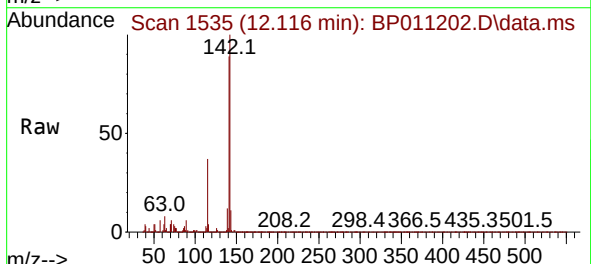
Instrument :
BNA_P
ClientSampleId :

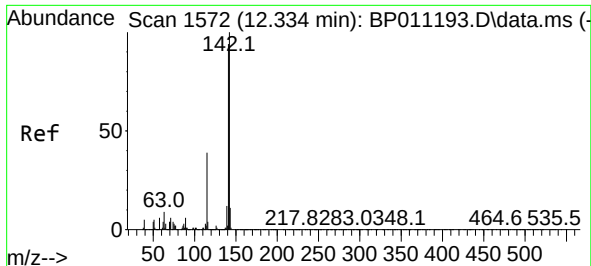
Tgt Ion:107 Resp: 473030
Ion Ratio Lower Upper
107 100
144 25.2 18.6 27.8
142 76.2 59.6 89.4



#36
2-Methylnaphthalene
Concen: 33.305 ng/ul
RT: 12.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:142 Resp: 993174
Ion Ratio Lower Upper
142 100
141 89.3 70.1 105.1

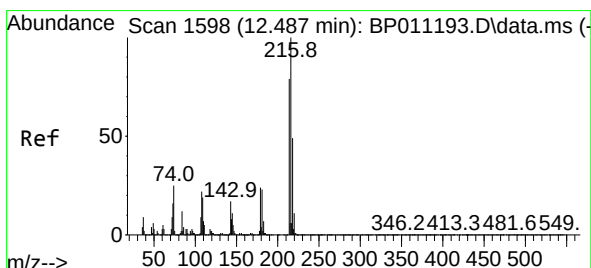
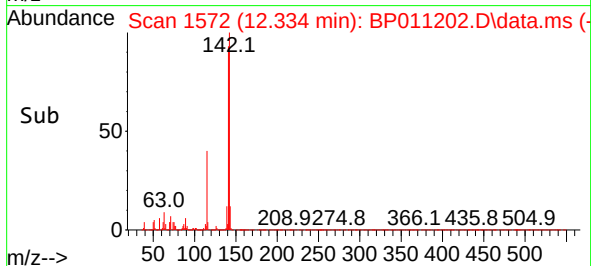
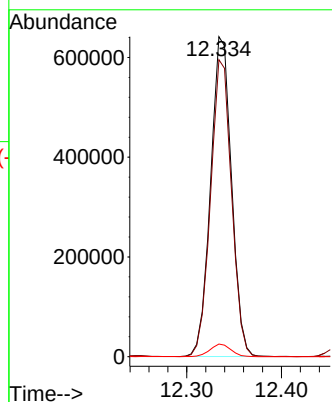
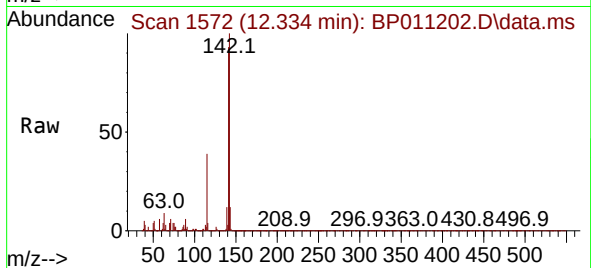




#37
1-Methylnaphthalene
Concen: 33.009 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

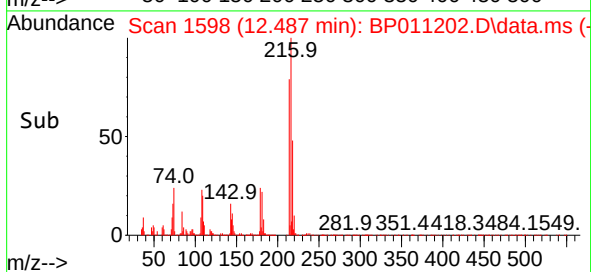
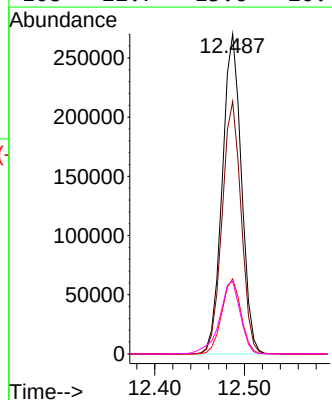
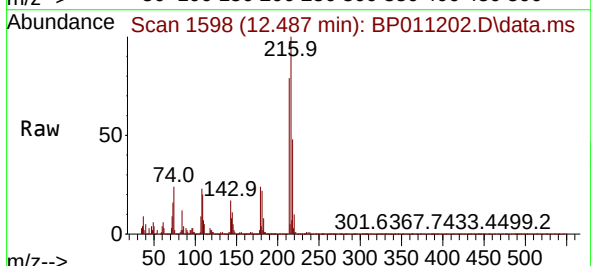
Instrument :
BNA_P
ClientSampleId :

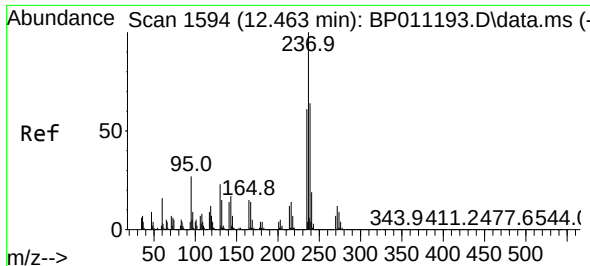
Tgt Ion:142 Resp: 986122
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9
116 3.9 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.852 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:216 Resp: 399669
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 23.5 18.1 27.1
108 22.7 13.6 20.4#

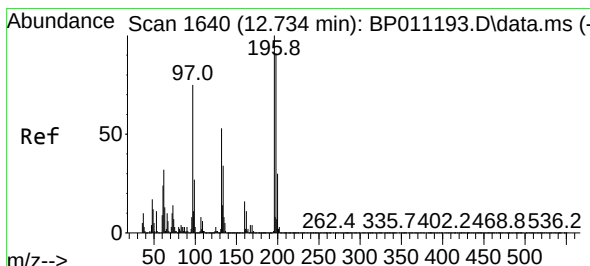
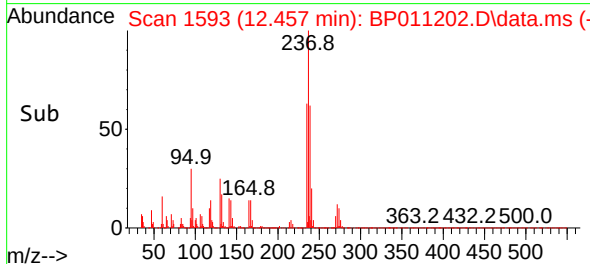
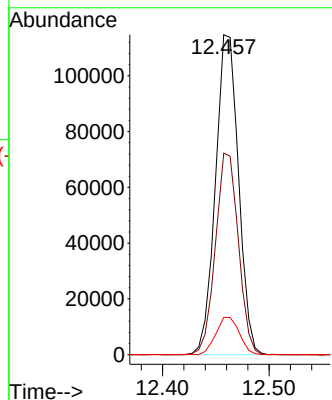
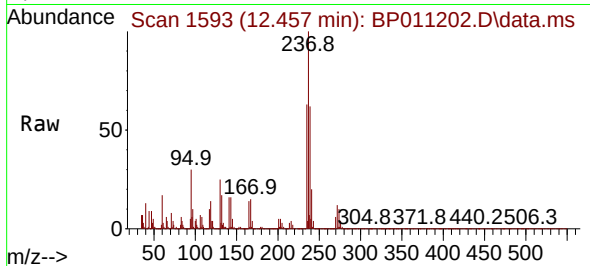




#40
Hexachlorocyclopentadiene
Concen: 22.775 ng/ul
RT: 12.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

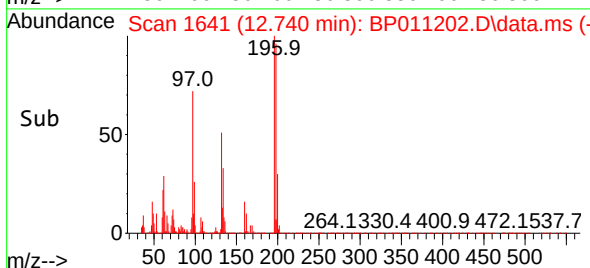
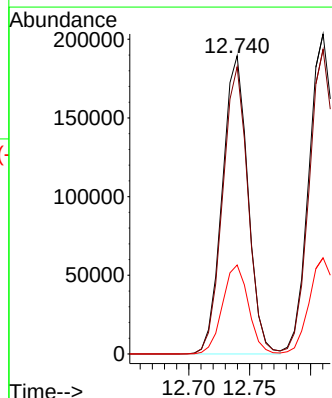
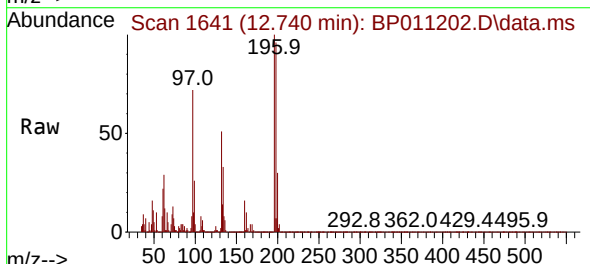
Instrument :
BNA_P
ClientSampleId :

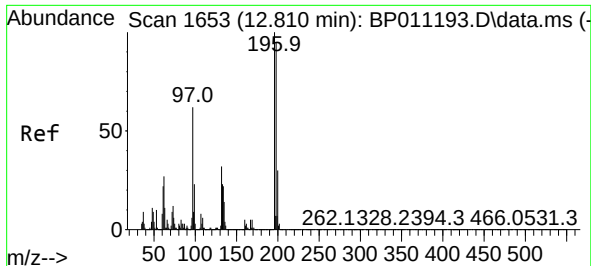
Tgt Ion:237 Resp: 172184
Ion Ratio Lower Upper
237 100
235 62.9 52.8 79.2
272 11.7 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 38.594 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:196 Resp: 277908
Ion Ratio Lower Upper
196 100
198 96.3 78.2 117.4
200 29.8 25.0 37.6

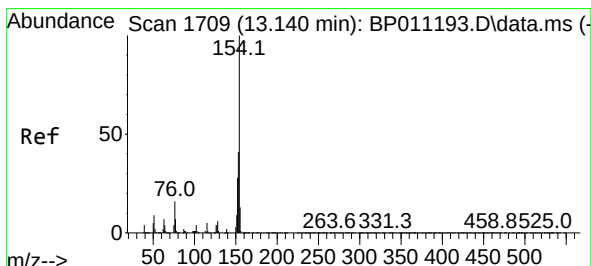
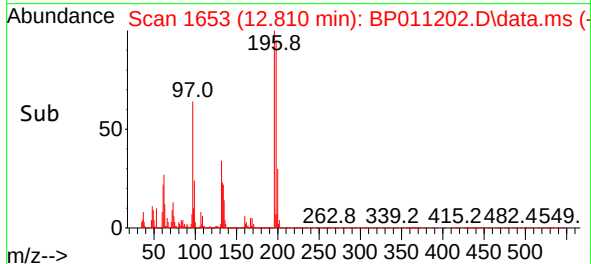
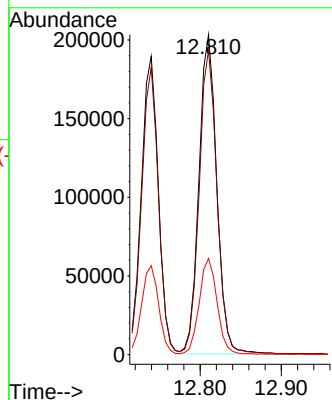
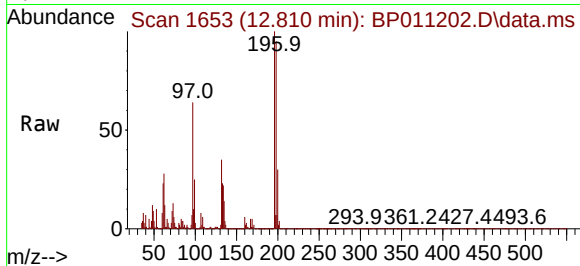




#42
2,4,5-Trichlorophenol
Concen: 40.634 ng/ul
RT: 12.810 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

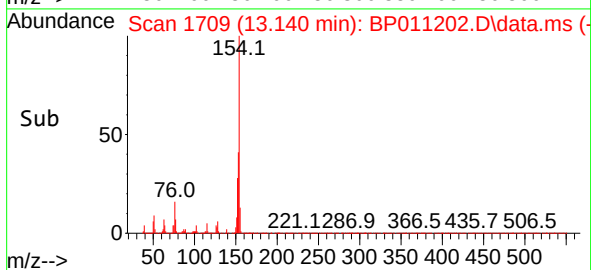
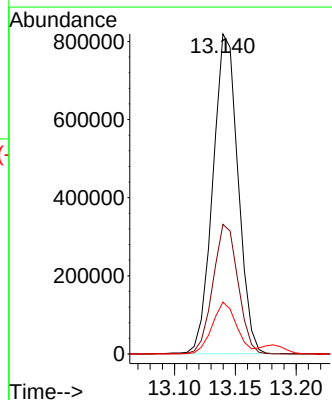
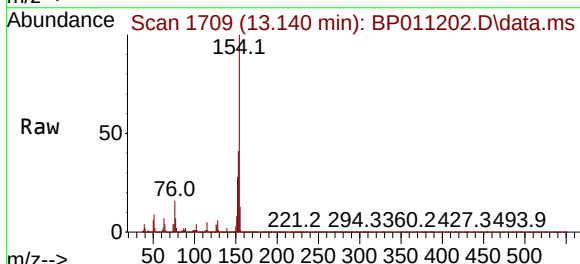
Instrument :
BNA_P
ClientSampleId :

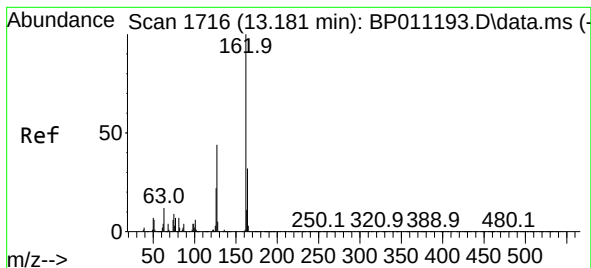
Tgt Ion:196 Resp: 309749
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.4
200 30.0 24.8 37.2



#43
1,1'-Biphenyl
Concen: 35.641 ng/ul
RT: 13.140 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:154 Resp: 1173752
Ion Ratio Lower Upper
154 100
153 40.5 31.9 47.9
76 16.2 9.2 13.8#





#44

2-Chloronaphthalene

Concen: 35.162 ng/ul

RT: 13.181 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

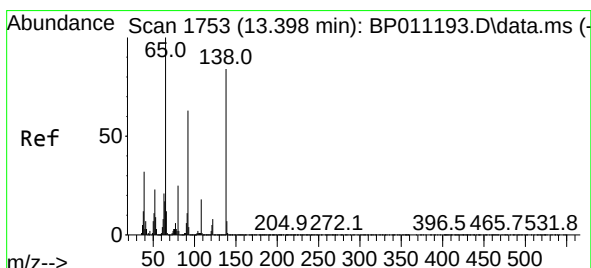
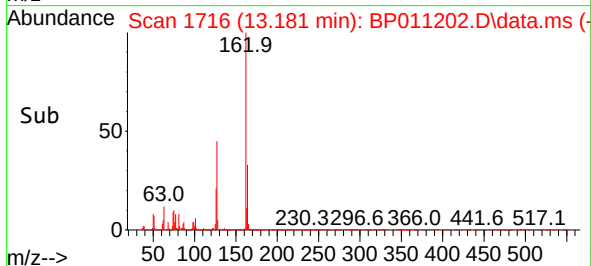
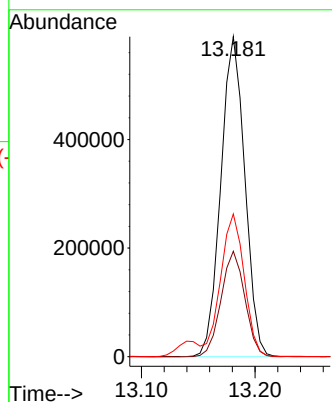
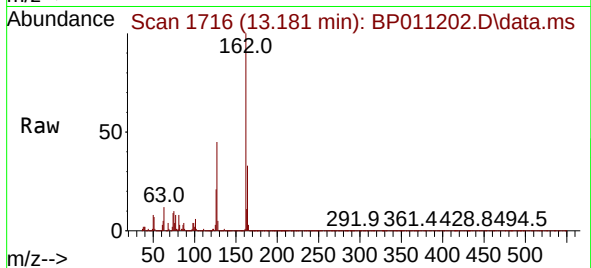
Tgt Ion:162 Resp: 865690

Ion Ratio Lower Upper

162 100

164 33.0 25.5 38.3

127 44.6 31.9 47.9



#45

2-Nitroaniline

Concen: 41.310 ng/ul

RT: 13.399 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

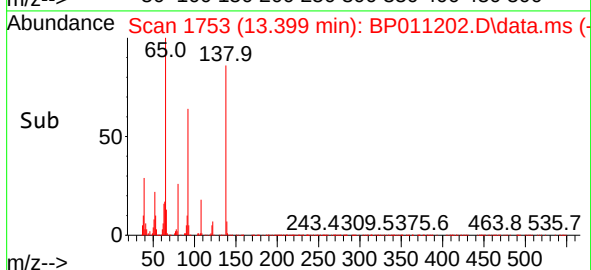
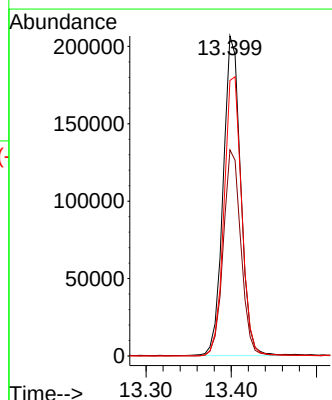
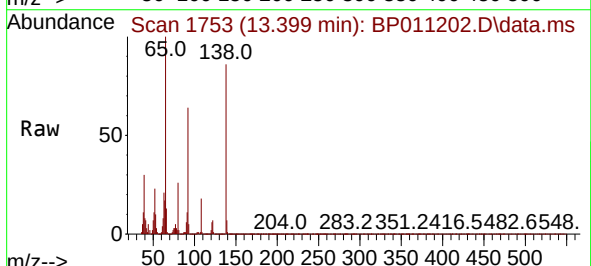
Tgt Ion: 65 Resp: 295592

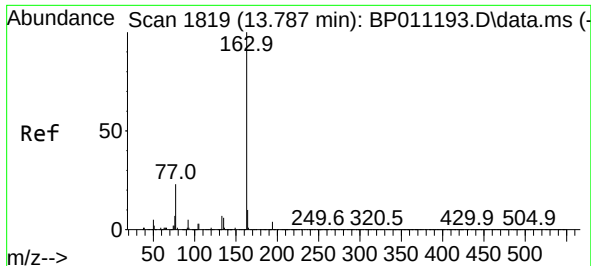
Ion Ratio Lower Upper

65 100

92 64.4 49.0 73.6

138 86.1 66.4 99.6

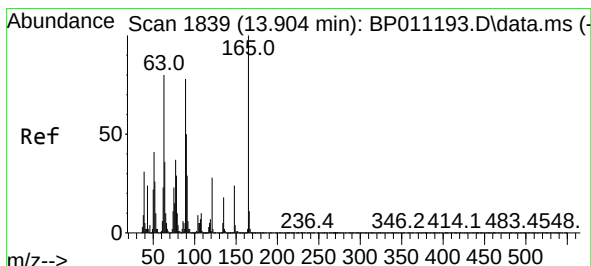
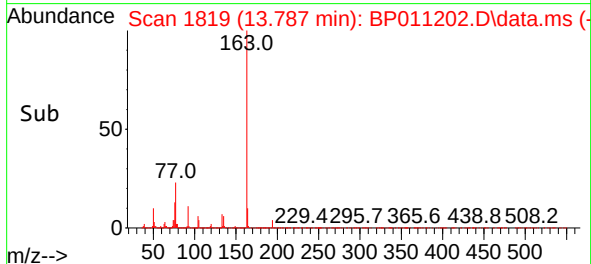
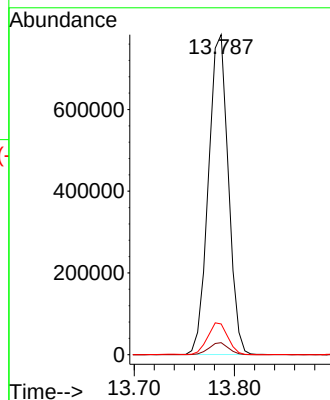
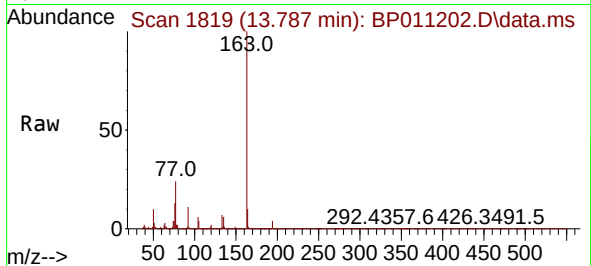




#47
Dimethylphthalate
Concen: 38.216 ng/ul
RT: 13.787 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

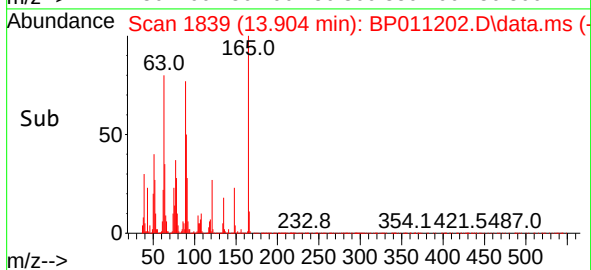
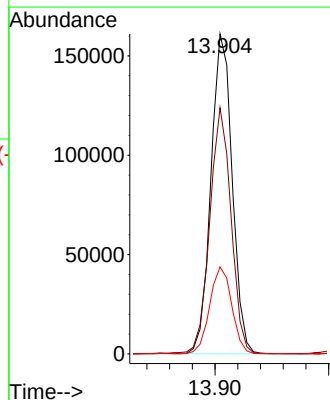
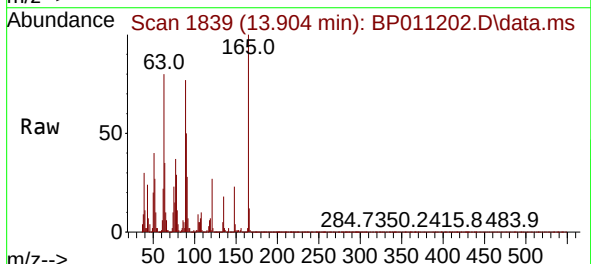
Instrument :
BNA_P
ClientSampleId :

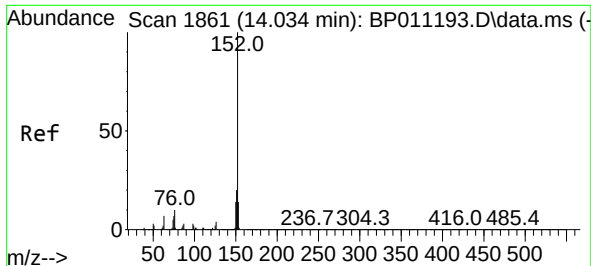
Tgt Ion:163 Resp: 1080802
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.6 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 42.211 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:165 Resp: 208595
Ion Ratio Lower Upper
165 100
89 77.0 52.9 79.3
121 27.2 19.4 29.2

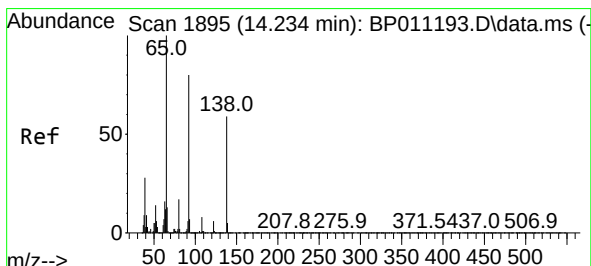
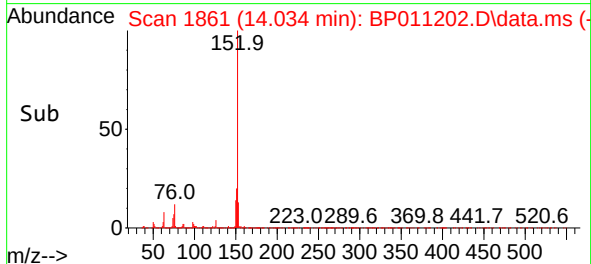
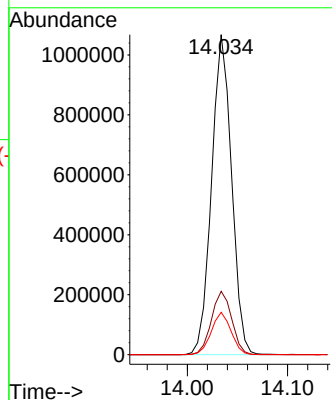
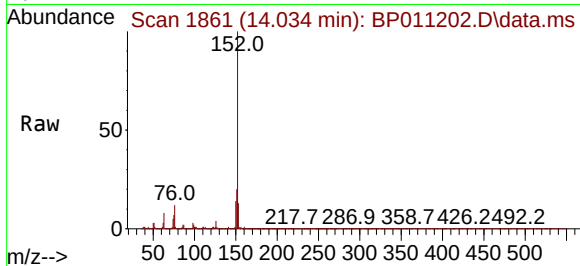




#50
Acenaphthylene
Concen: 37.474 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

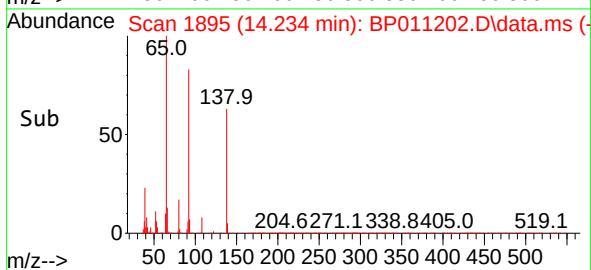
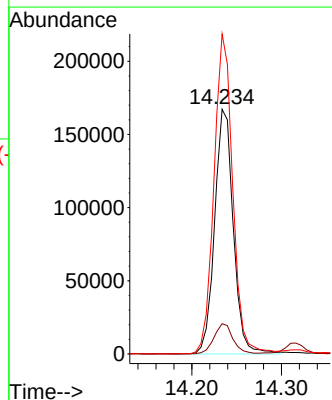
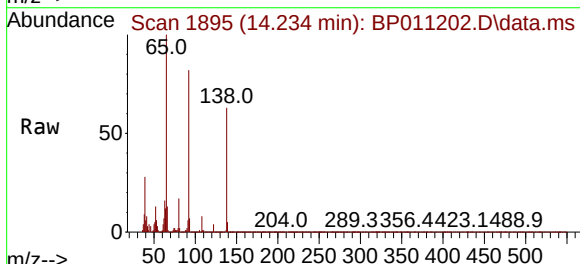
Instrument :
BNA_P
ClientSampleId :

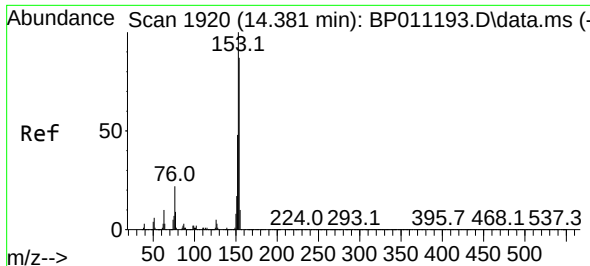
Tgt Ion:152 Resp: 1477329
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 45.371 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:138 Resp: 242144
Ion Ratio Lower Upper
138 100
108 12.4 11.0 16.4
92 130.8 104.6 156.8

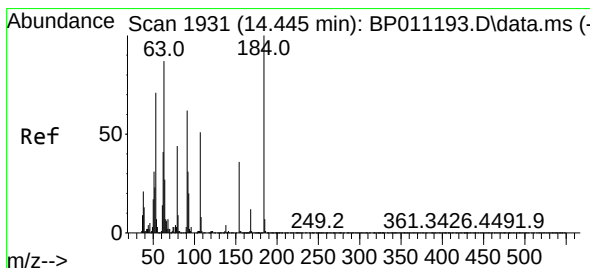
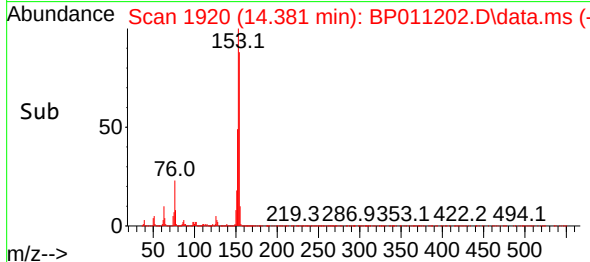
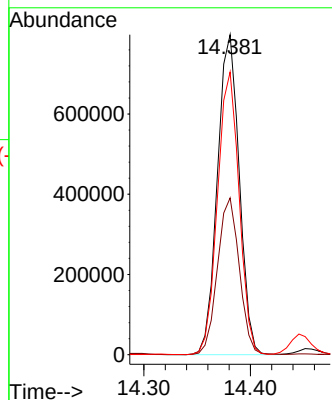
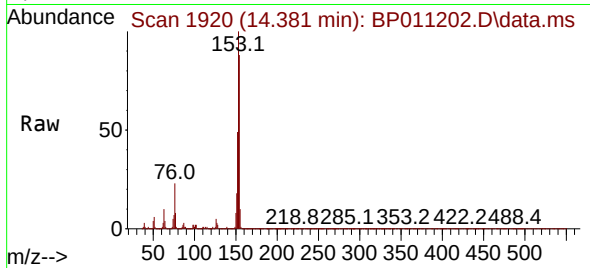




#52
Acenaphthene
Concen: 43.991 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

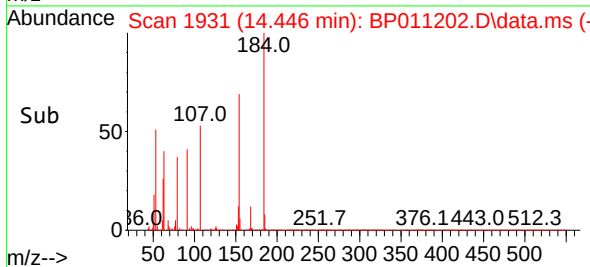
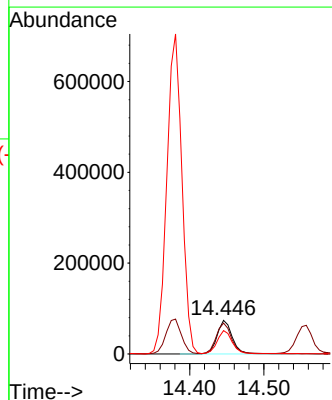
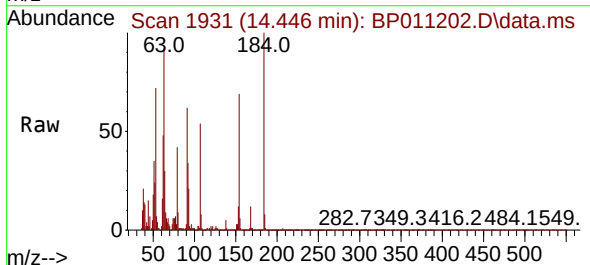
Instrument :
BNA_P
ClientSampleId :

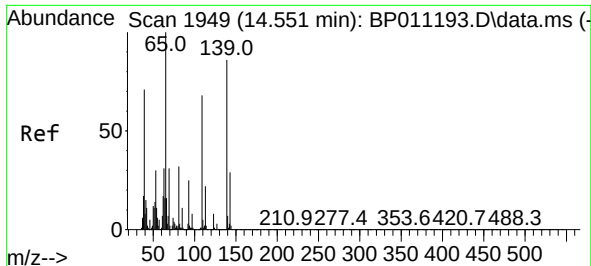
Tgt Ion:153 Resp: 1132783
Ion Ratio Lower Upper
153 100
152 49.0 36.2 54.2
154 88.3 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 37.306 ng/ul
RT: 14.446 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:184 Resp: 103971
Ion Ratio Lower Upper
184 100
63 92.0 73.8 110.6
154 69.4 57.2 85.8

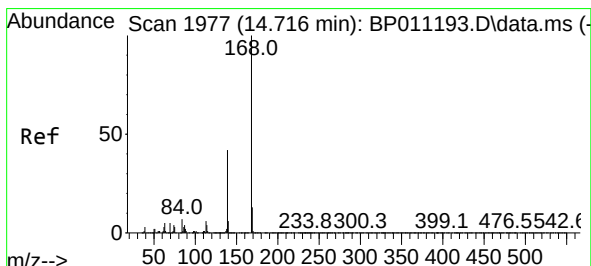
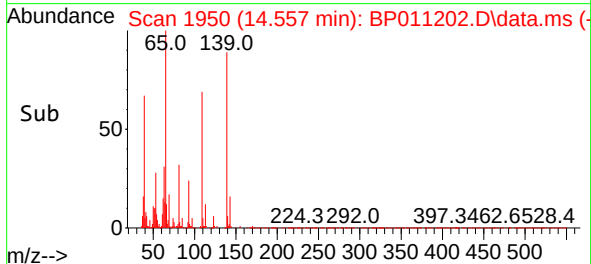
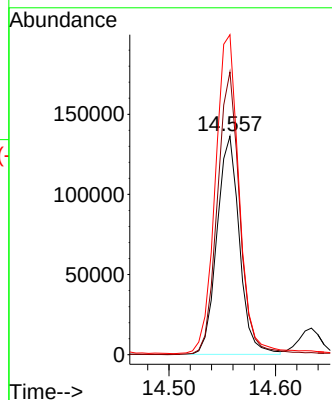
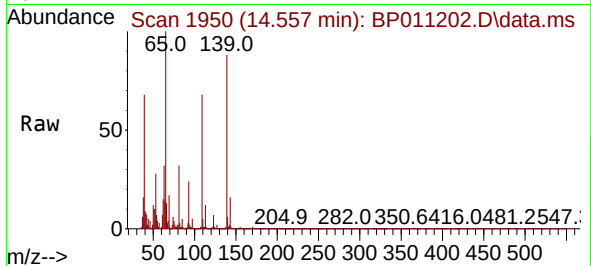




#55
4-Nitrophenol
Concen: 45.902 ng/ul
RT: 14.557 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

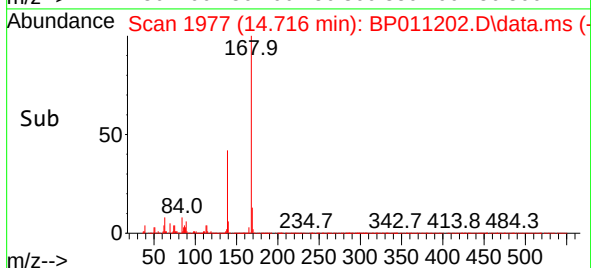
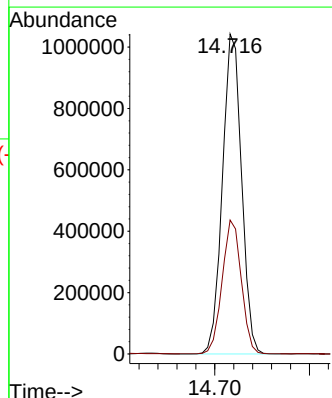
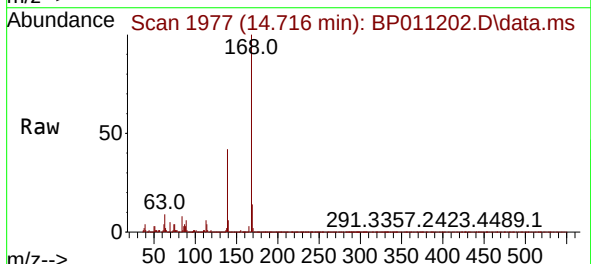
Instrument :
BNA_P
ClientSampleId :

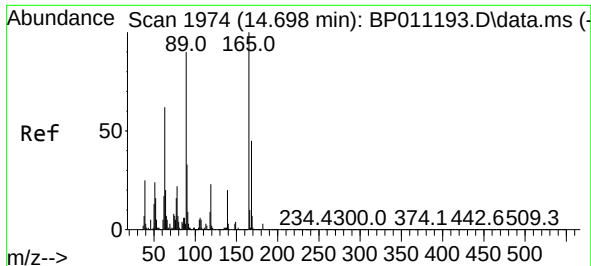
Tgt Ion:109 Resp: 199227
Ion Ratio Lower Upper
109 100
139 129.4 75.6 113.4#
65 146.5 107.6 161.4



#56
Dibenzofuran
Concen: 41.808 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:168 Resp: 1463344
Ion Ratio Lower Upper
168 100
139 41.8 32.8 49.2

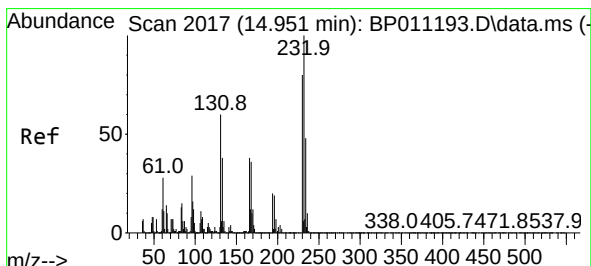
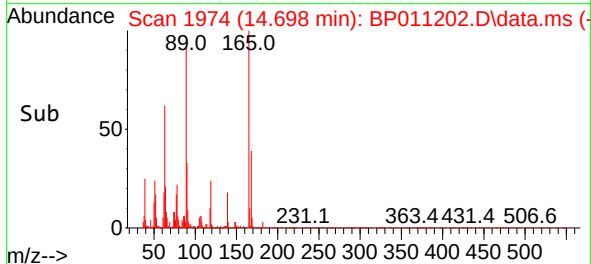
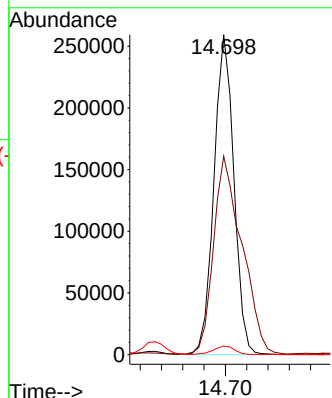
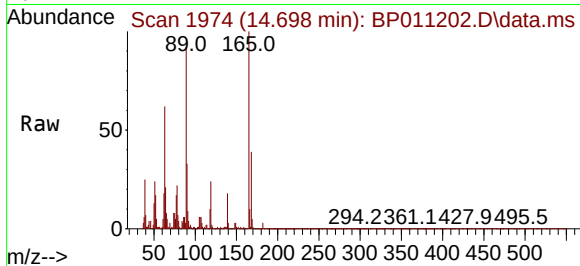




#57
2,4-Dinitrotoluene
Concen: 48.699 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

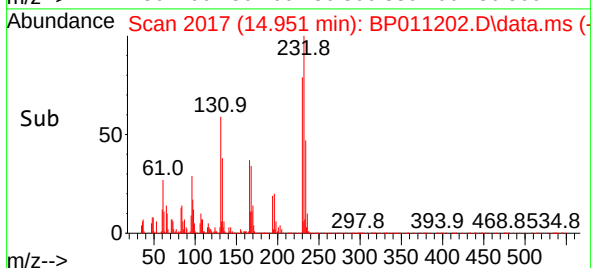
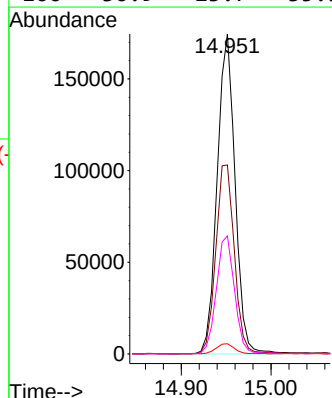
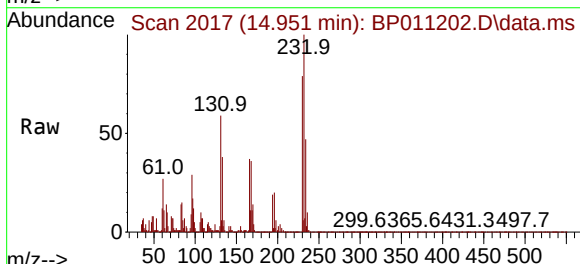
Instrument :
BNA_P
ClientSampleId :

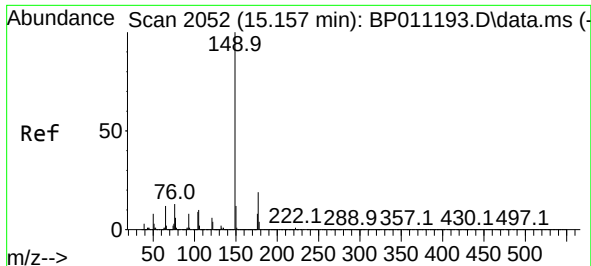
Tgt Ion:165 Resp: 335769
Ion Ratio Lower Upper
165 100
63 62.0 47.0 70.6
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.533 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:232 Resp: 241296
Ion Ratio Lower Upper
232 100
131 59.0 35.8 53.8#
130 3.2 1.8 2.8#
166 36.9 23.7 35.5#

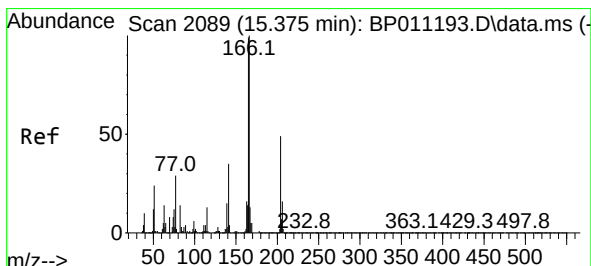
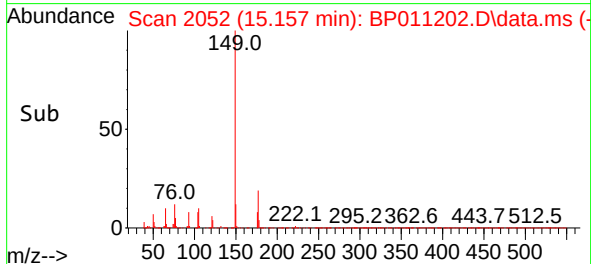
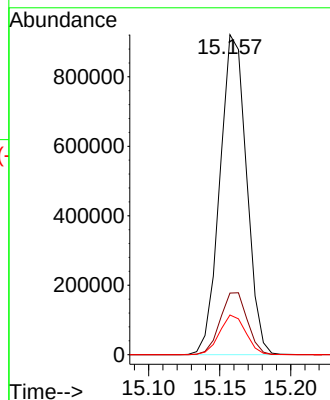
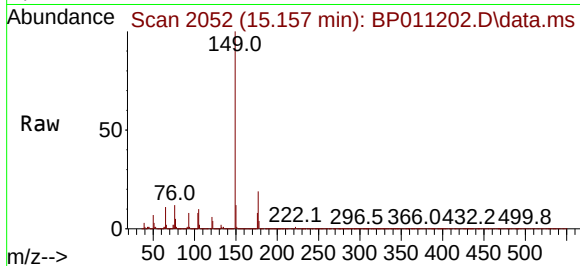




#59
Diethylphthalate
Concen: 42.438 ng/ul
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

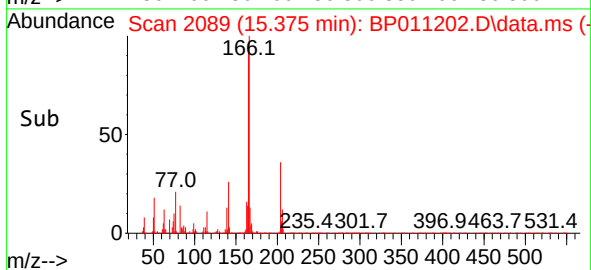
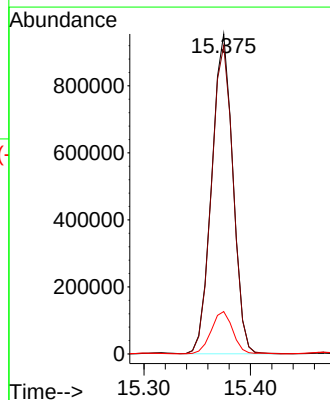
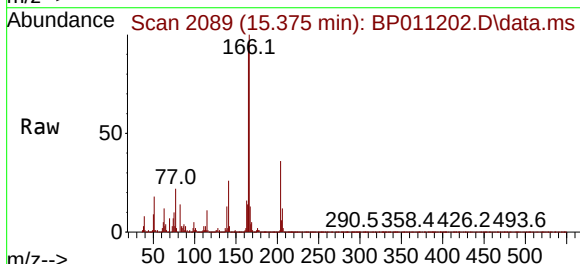
Instrument :
BNA_P
ClientSampleId :

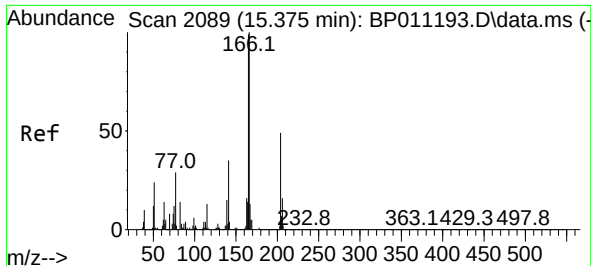
Tgt Ion:149 Resp: 1199551
Ion Ratio Lower Upper
149 100
177 19.3 17.6 26.4
150 12.4 10.3 15.5



#61
Fluorene
Concen: 48.354 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:166 Resp: 1316053
Ion Ratio Lower Upper
166 100
165 96.3 77.4 116.2
167 13.3 10.8 16.2

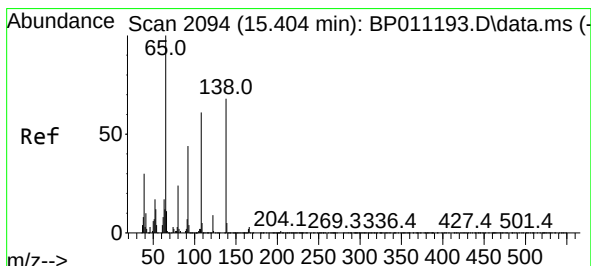
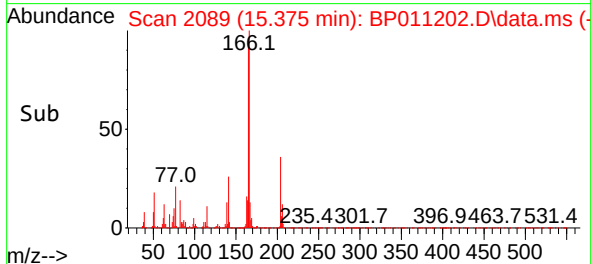
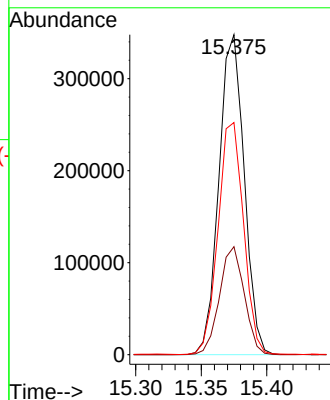
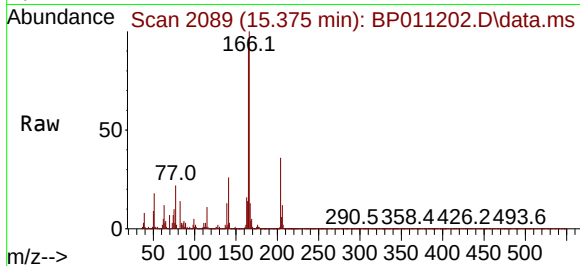




#62
4-Chlorophenyl-phenylether
Concen: 37.590 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

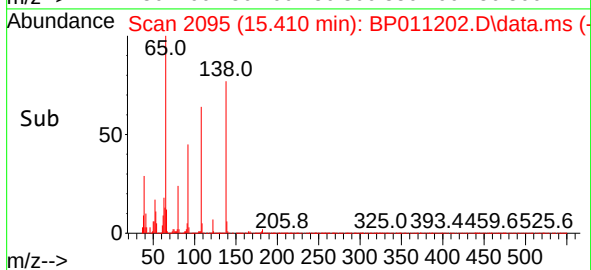
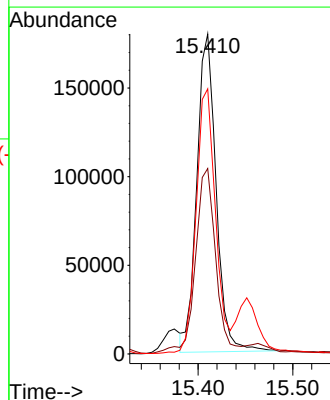
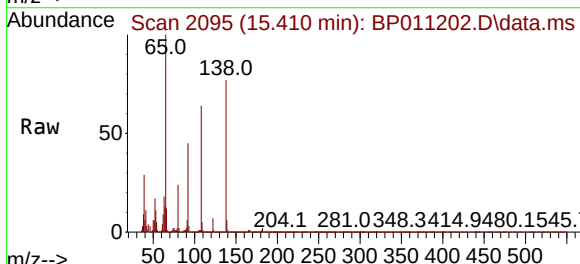
Instrument :
BNA_P
ClientSampleId :

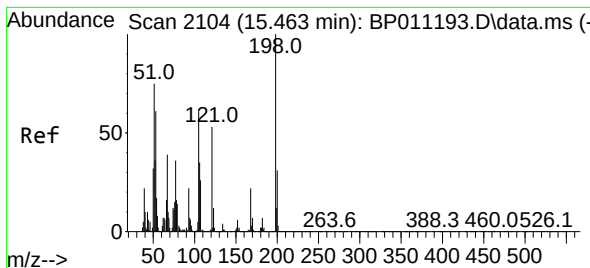
Tgt Ion:204 Resp: 465639
Ion Ratio Lower Upper
204 100
206 33.8 26.0 39.0
141 72.5 49.3 73.9



#63
4-Nitroaniline
Concen: 55.927 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:138 Resp: 253762
Ion Ratio Lower Upper
138 100
92 57.9 46.2 69.2
108 82.8 85.8 128.8#

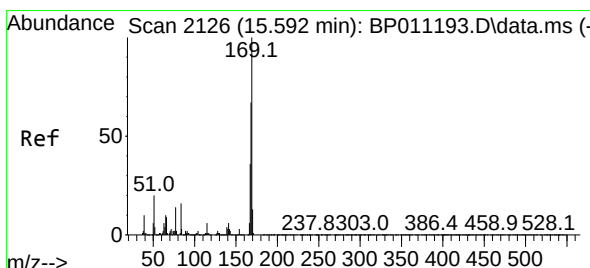
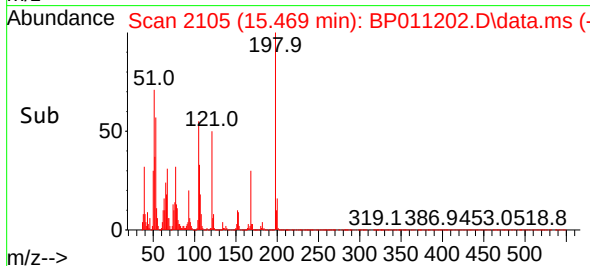
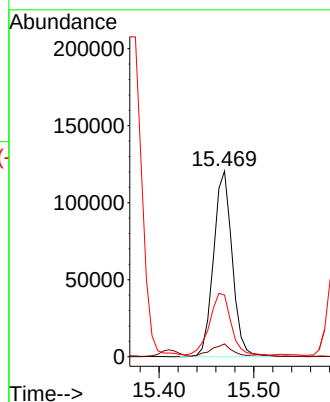
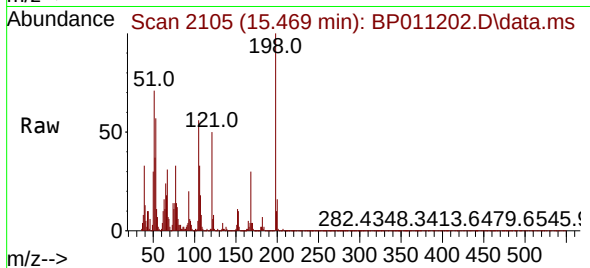




#66
4,6-Dinitro-2-methylphenol
Concen: 38.818 ng/ul
RT: 15.469 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

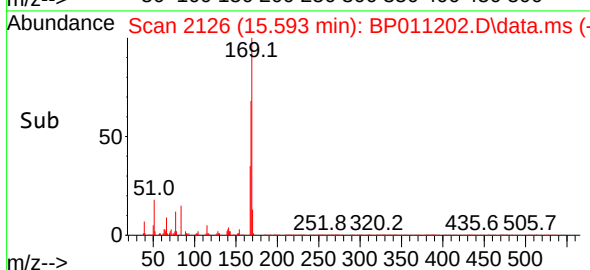
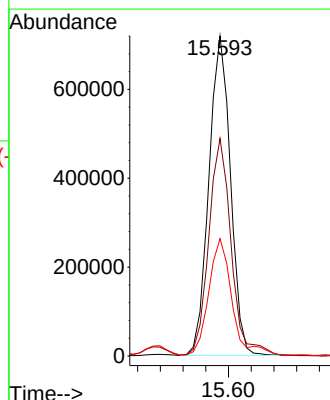
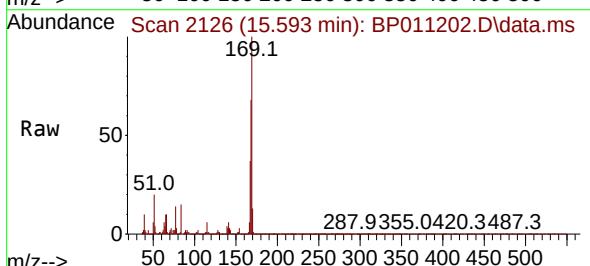
Instrument :
BNA_P
ClientSampleId :

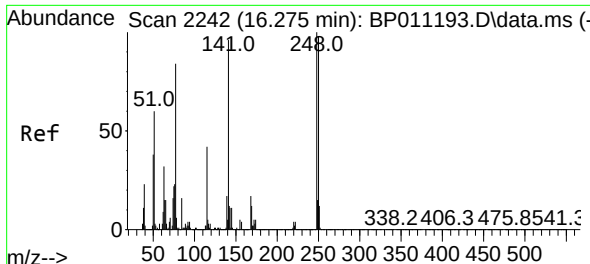
Tgt Ion:198 Resp: 164536
Ion Ratio Lower Upper
198 100
182 6.9 4.3 6.5#
77 33.2 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 37.309 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:169 Resp: 949257
Ion Ratio Lower Upper
169 100
168 67.9 52.6 78.8
167 36.7 27.8 41.6

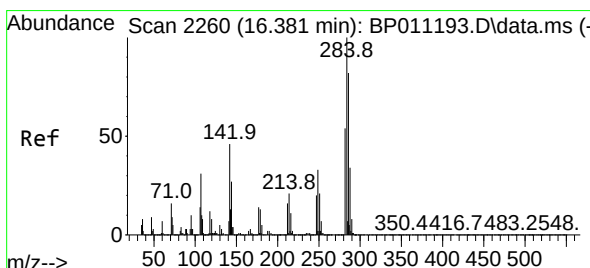
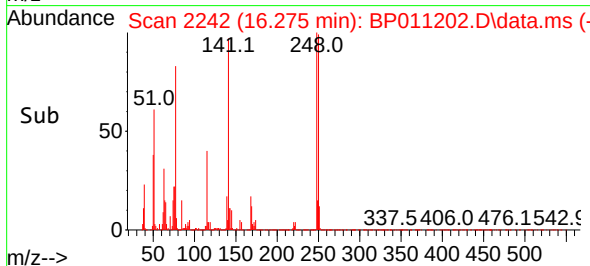
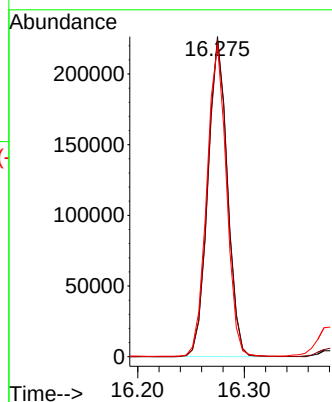
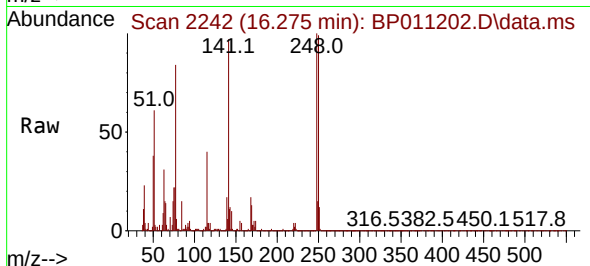




#68
4-Bromophenyl-phenylether
Concen: 36.478 ng/ul
RT: 16.275 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

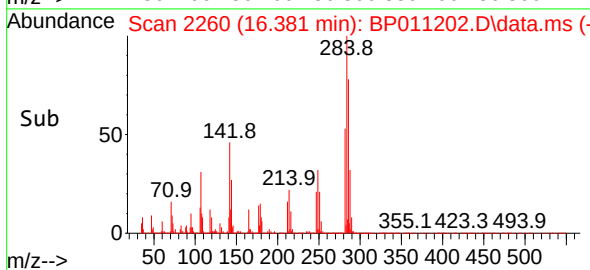
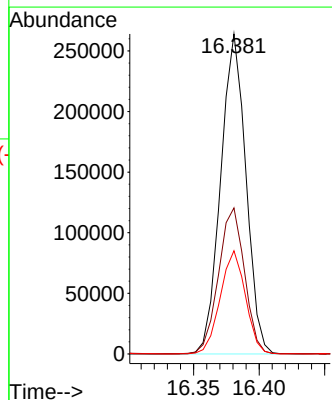
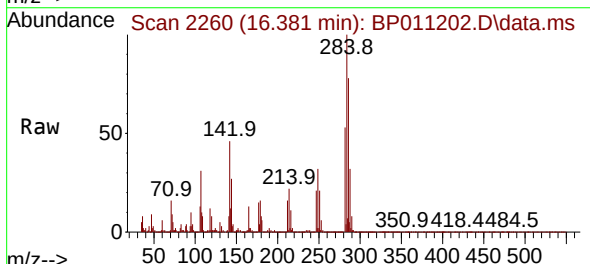
Instrument :
BNA_P
ClientSampleId :

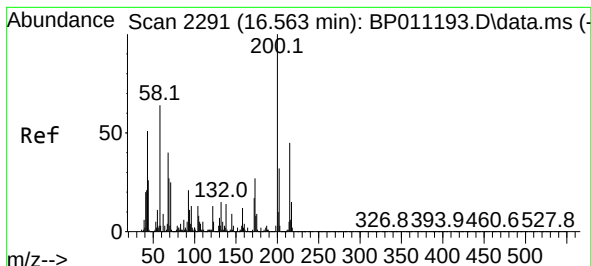
Tgt Ion:248 Resp: 289806
Ion Ratio Lower Upper
248 100
250 99.2 80.8 121.2
141 97.4 63.9 95.9#



#69
Hexachlorobenzene
Concen: 38.868 ng/ul
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:284 Resp: 353247
Ion Ratio Lower Upper
284 100
142 45.6 27.8 41.6#
249 32.3 25.4 38.2





#70

Atrazine

Concen: 41.279 ng/ul

RT: 16.563 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

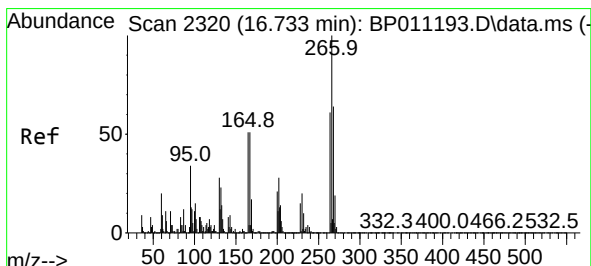
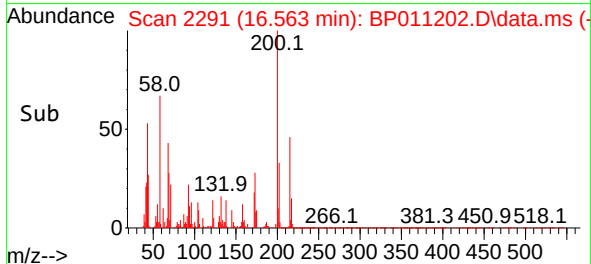
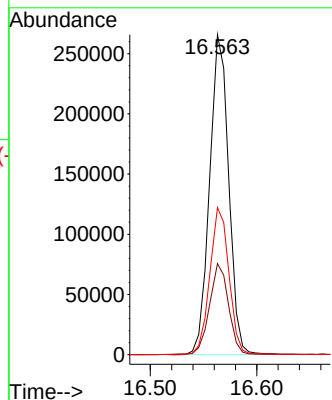
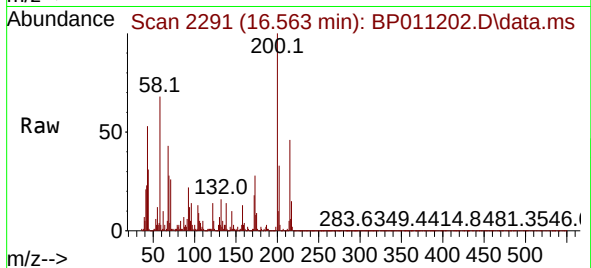
Tgt Ion:200 Resp: 330270

Ion Ratio Lower Upper

200 100

173 28.4 20.7 31.1

215 46.0 38.6 57.8



#71

Pentachlorophenol

Concen: 38.630 ng/ul

RT: 16.734 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

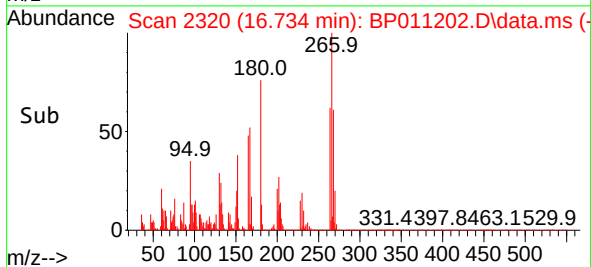
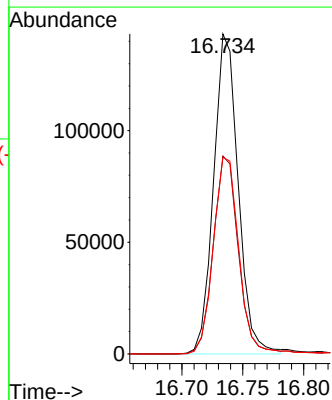
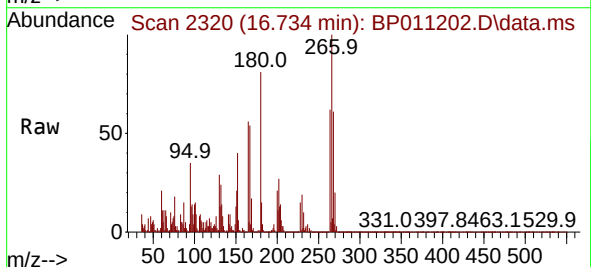
Tgt Ion:266 Resp: 201570

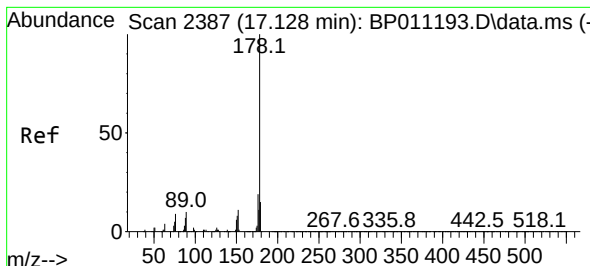
Ion Ratio Lower Upper

266 100

264 61.9 51.4 77.2

268 61.4 53.5 80.3





#72

Phenanthrene

Concen: 112.814 ng/ul

RT: 17.134 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

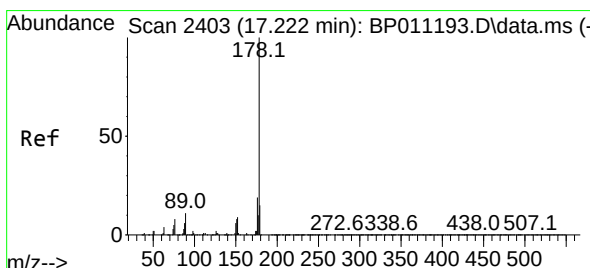
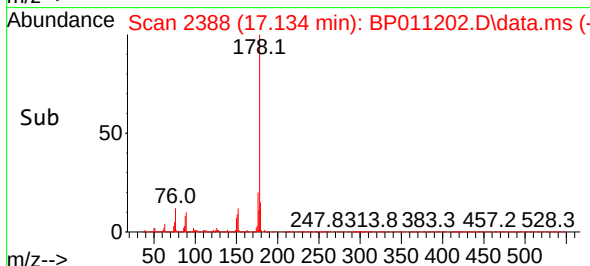
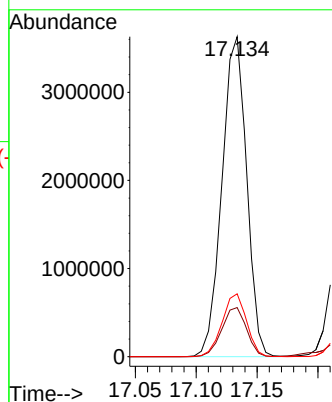
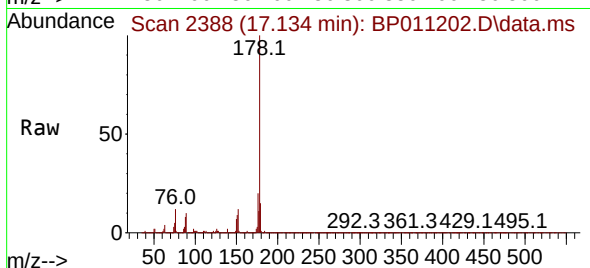
Tgt Ion:178 Resp: 5111614

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

176 19.6 14.6 22.0



#74

Anthracene

Concen: 57.468 ng/ul

RT: 17.222 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

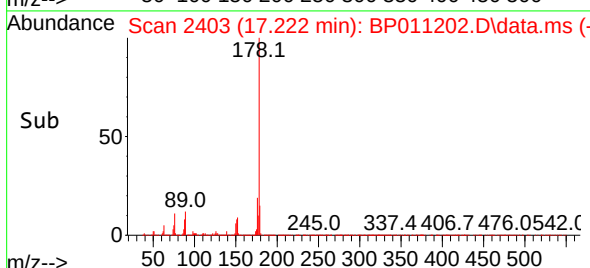
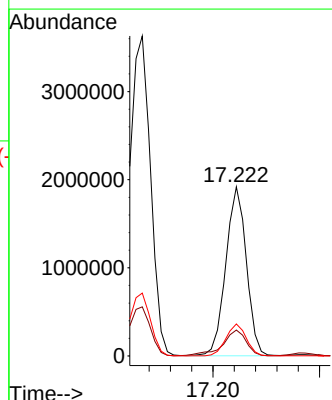
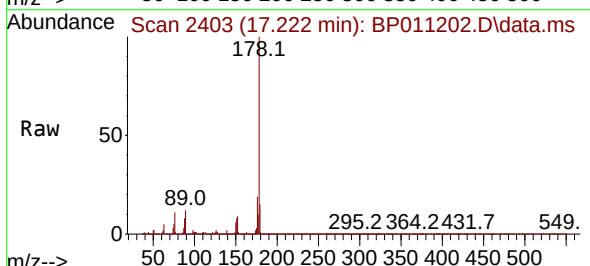
Tgt Ion:178 Resp: 2576070

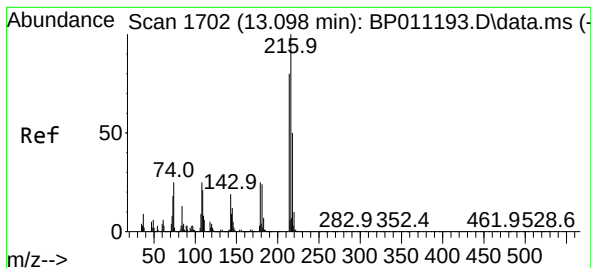
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.9 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 27.874 ng/uL

RT: 13.099 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

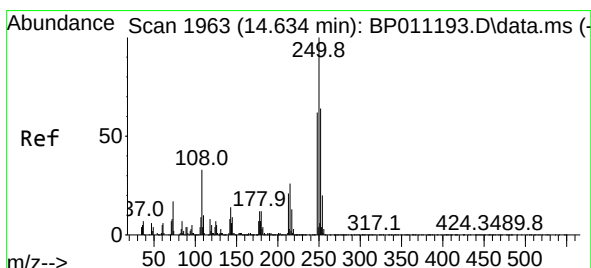
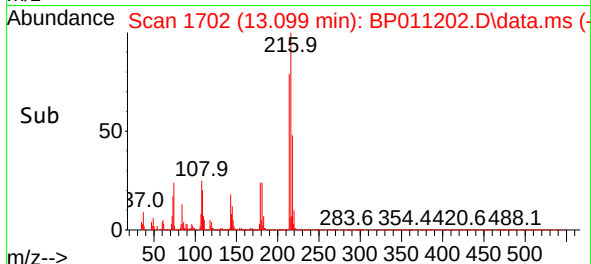
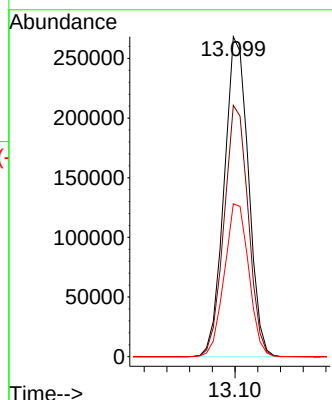
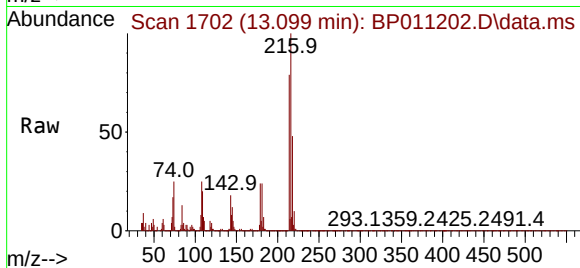
Tgt Ion:216 Resp: 397842

Ion Ratio Lower Upper

216 100

214 78.6 65.0 97.4

218 47.8 39.1 58.7



#76

Pentachlorobenzene

Concen: 33.335 ng/uL

RT: 14.634 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

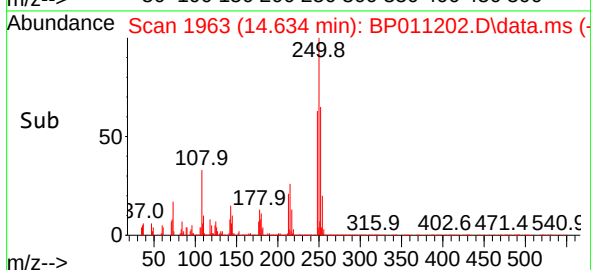
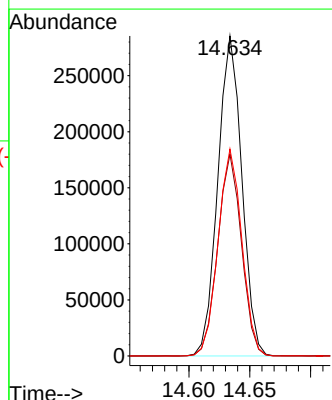
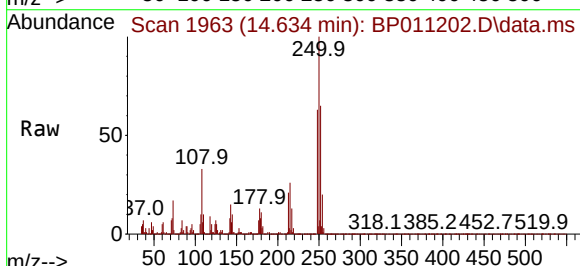
Tgt Ion:250 Resp: 392130

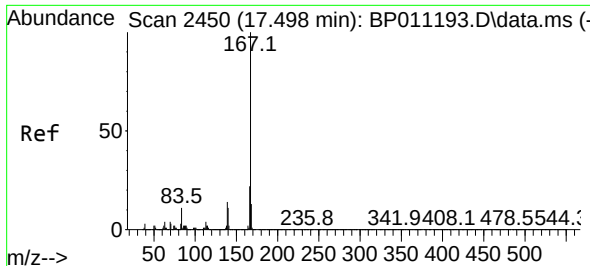
Ion Ratio Lower Upper

250 100

248 63.0 49.8 74.6

252 64.7 51.2 76.8

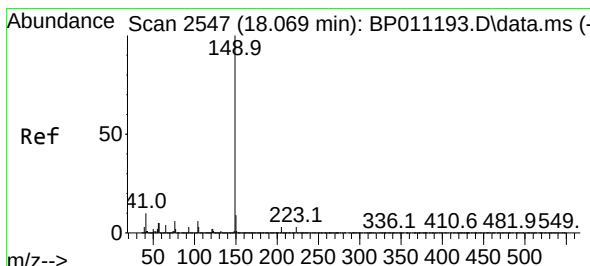
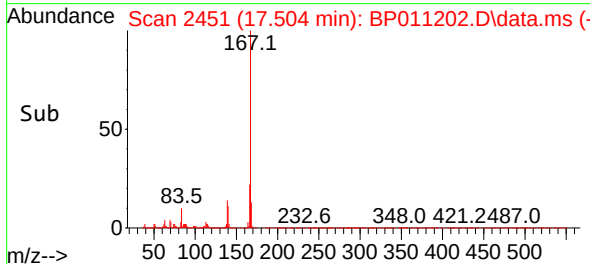
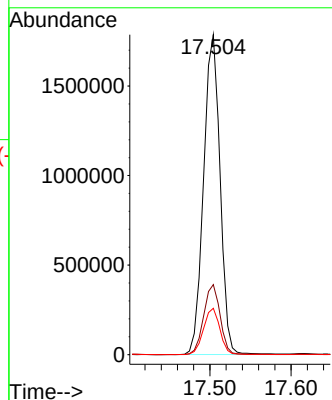
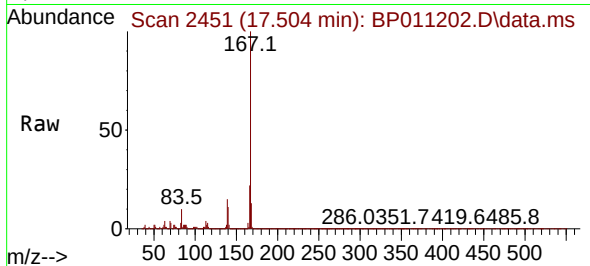




#77
Carbazole
Concen: 63.310 ng/ul
RT: 17.504 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

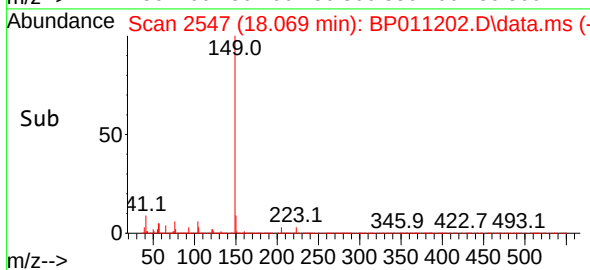
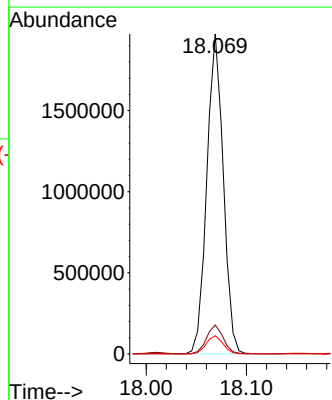
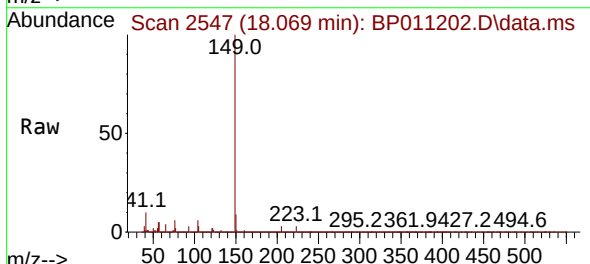
Instrument :
BNA_P
ClientSampleId :

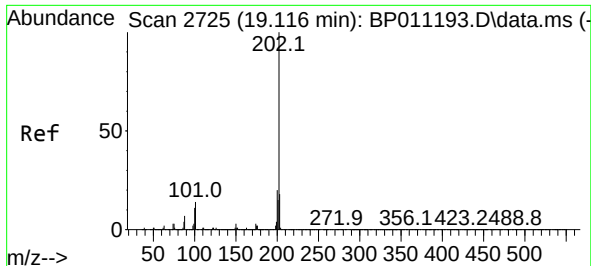
Tgt Ion:167 Resp: 2514266
Ion Ratio Lower Upper
167 100
166 21.9 16.9 25.3
139 14.5 10.6 16.0



#78
Di-n-butylphthalate
Concen: 47.492 ng/ul
RT: 18.069 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:149 Resp: 2255450
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 5.7 4.6 6.8

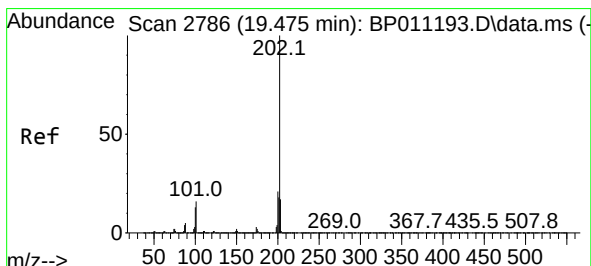
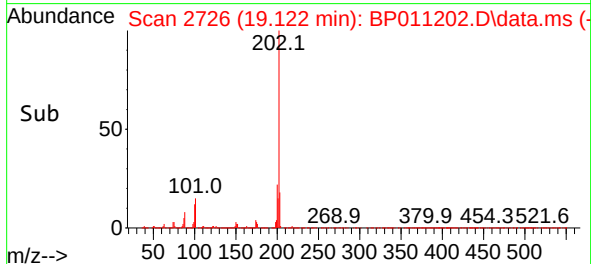
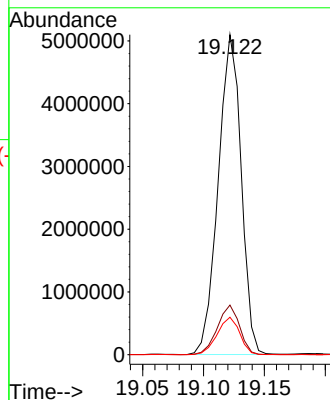
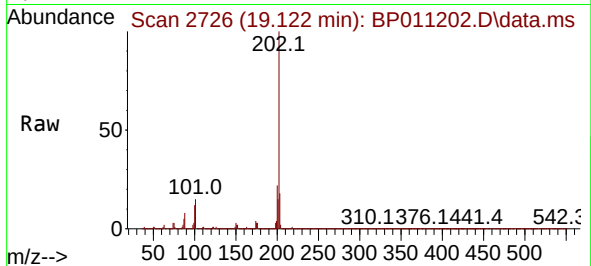




#80
Fluoranthene
Concen: 125.827 ng/ul
RT: 19.122 min Scan# 2726
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

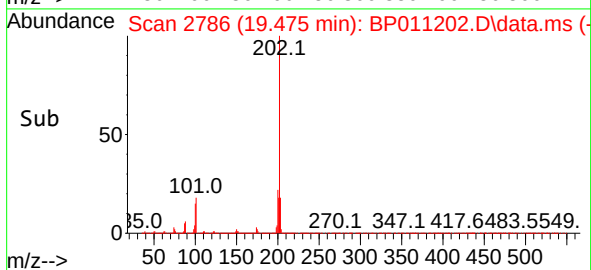
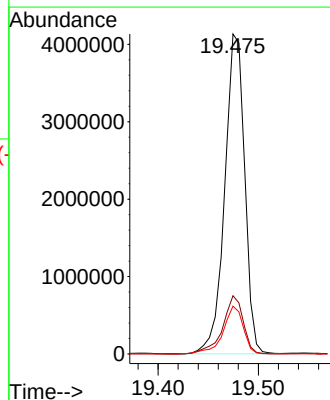
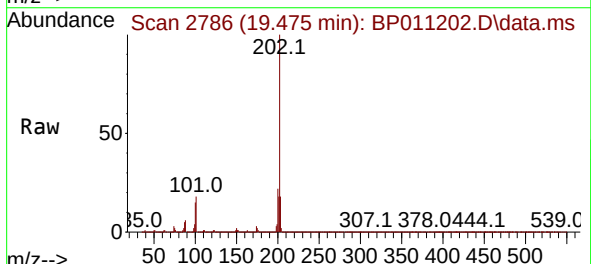
Instrument :
BNA_P
ClientSampleId :

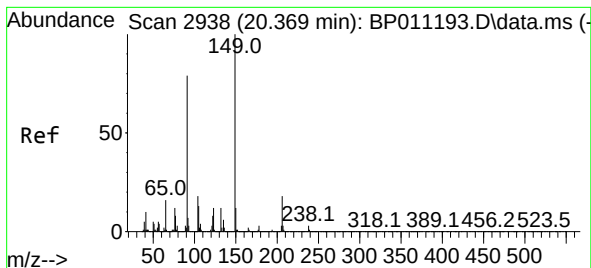
Tgt Ion:202 Resp: 6693232
Ion Ratio Lower Upper
202 100
101 15.5 7.1 10.7#
100 11.7 5.7 8.5#



#82
Pyrene
Concen: 104.647 ng/ul
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:202 Resp: 5720257
Ion Ratio Lower Upper
202 100
101 18.2 7.9 11.9#
100 14.9 6.7 10.1#





#83

Butylbenzylphthalate

Concen: 50.764 ng/ul

RT: 20.369 min Scan# 2938

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

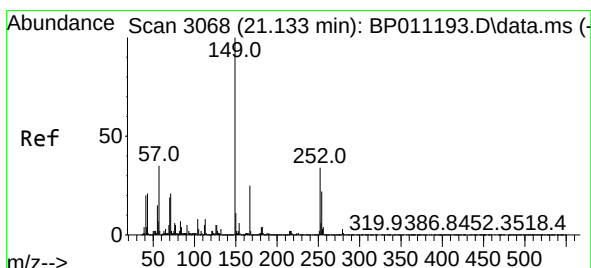
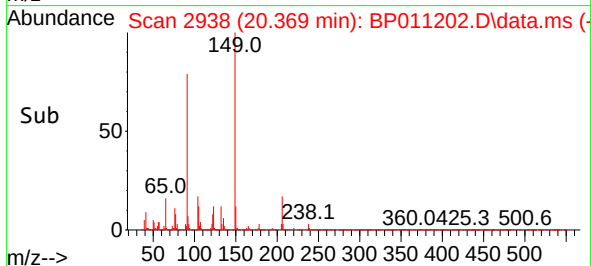
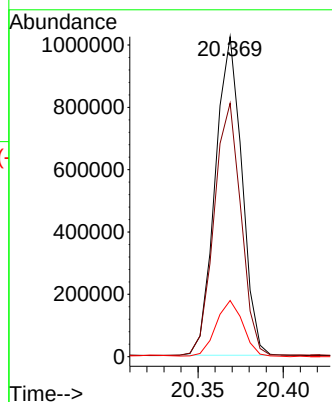
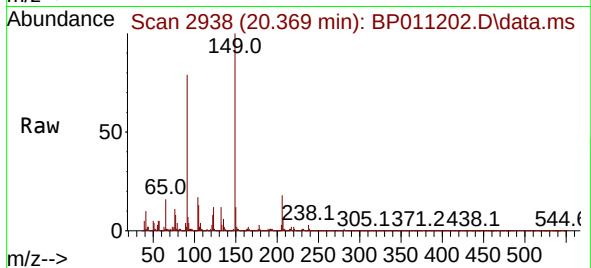
Tgt Ion:149 Resp: 1111144

Ion Ratio Lower Upper

149 100

91 79.2 60.0 90.0

206 17.6 17.4 26.2



#84

3,3'-Dichlorobenzidine

Concen: 34.436 ng/ul

RT: 21.139 min Scan# 3069

Delta R.T. 0.000 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

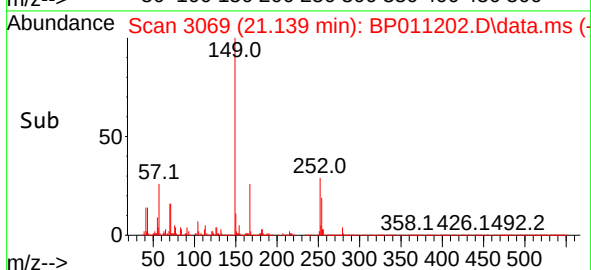
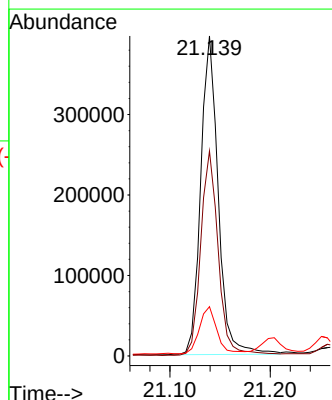
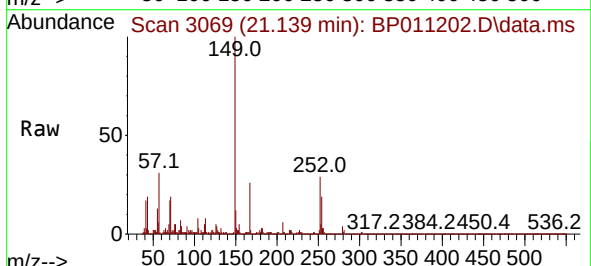
Tgt Ion:252 Resp: 481345

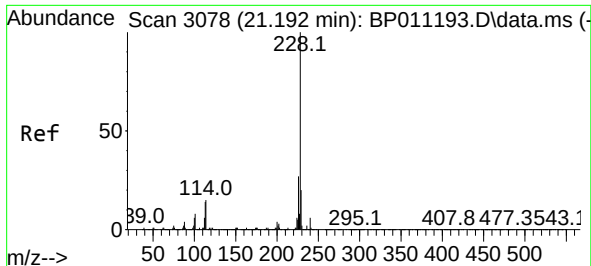
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.4

126 15.4 8.6 12.8#

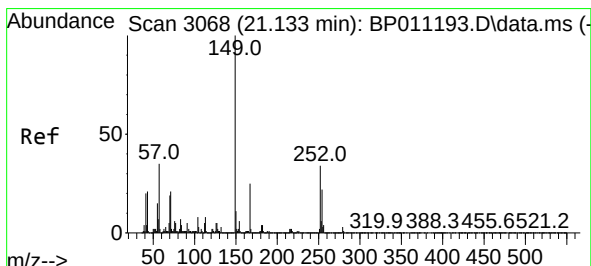
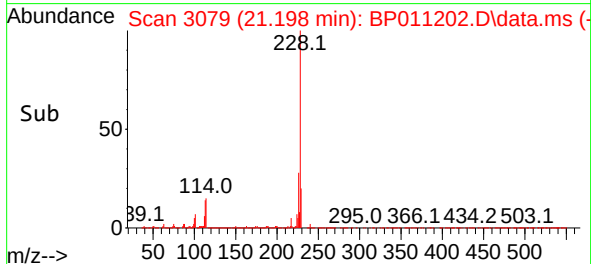
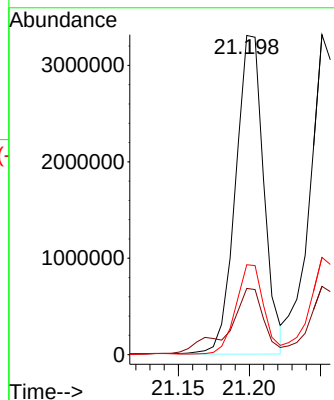
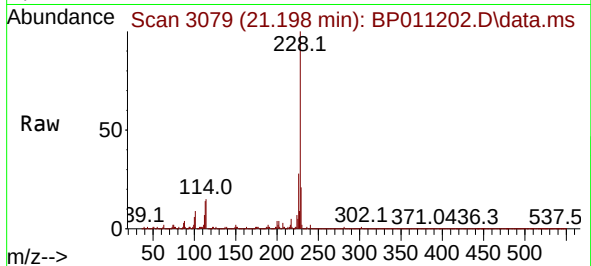




#85
Benzo(a)anthracene
Concen: 91.692 ng/ul
RT: 21.198 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

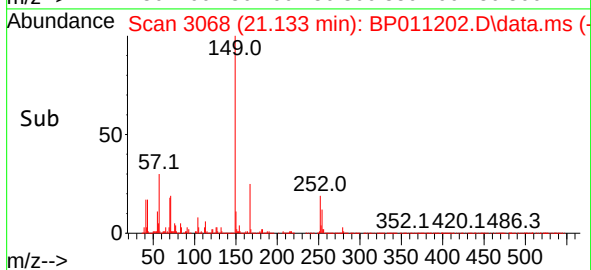
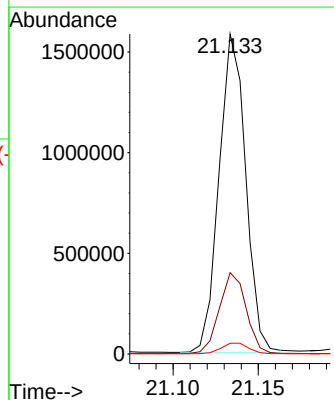
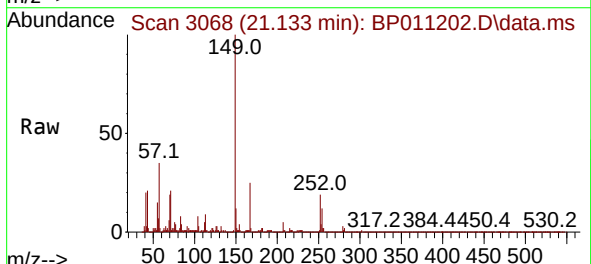
Instrument :
BNA_P
ClientSampleId :

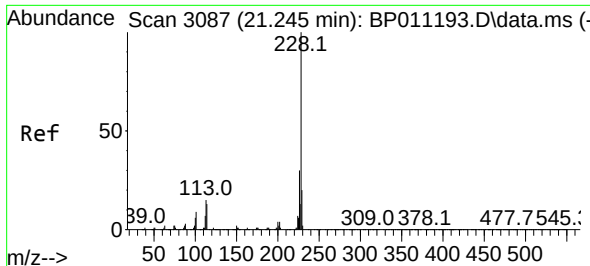
Tgt Ion:228 Resp: 4567942
Ion Ratio Lower Upper
228 100
229 20.8 15.0 22.4
226 28.2 20.6 31.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 51.996 ng/ul
RT: 21.133 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

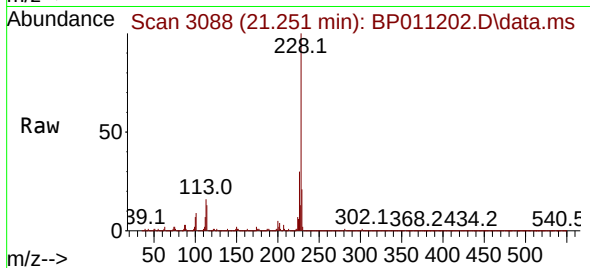
Tgt Ion:149 Resp: 1720081
Ion Ratio Lower Upper
149 100
167 25.4 22.6 33.8
279 3.4 4.2 6.4#



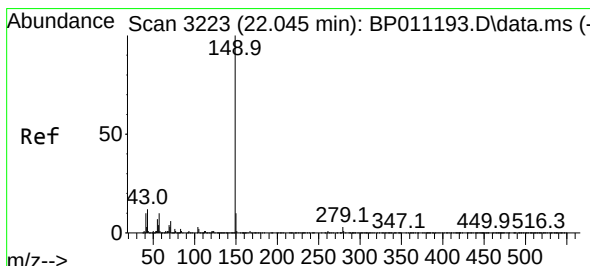
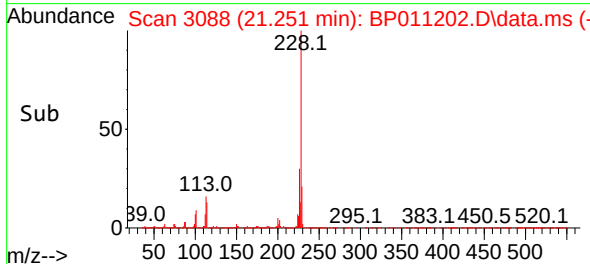
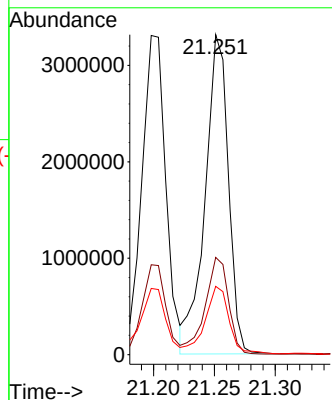


#87
Chrysene
Concen: 88.787 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Instrument :
BNA_P
ClientSampleId :

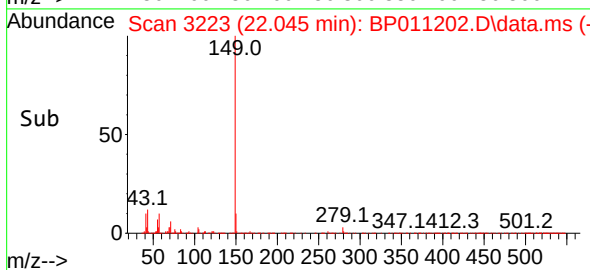
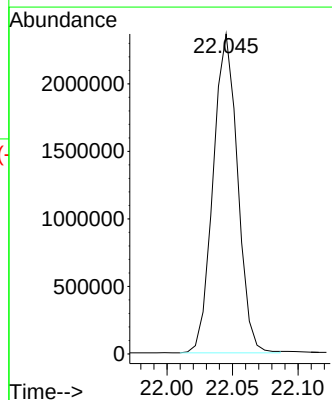
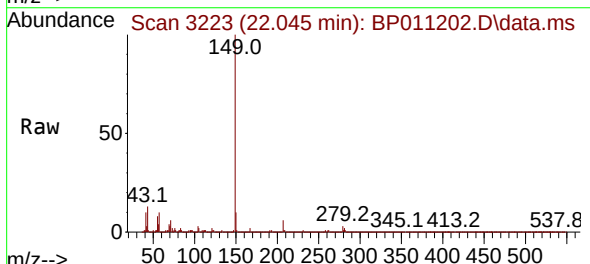


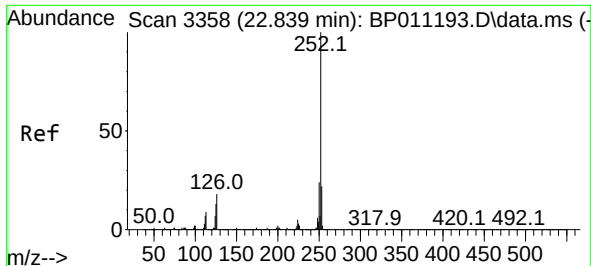
Tgt Ion:228 Resp: 4397270
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.4 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 47.733 ng/ul
RT: 22.045 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:149 Resp: 3058766

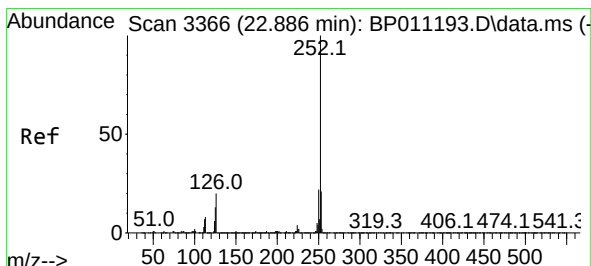
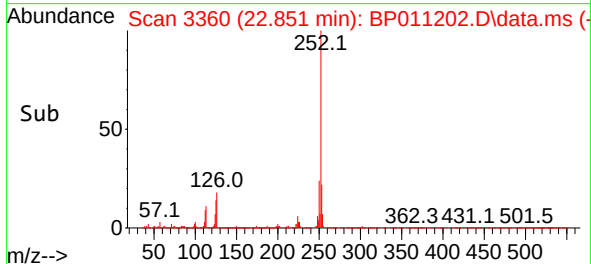
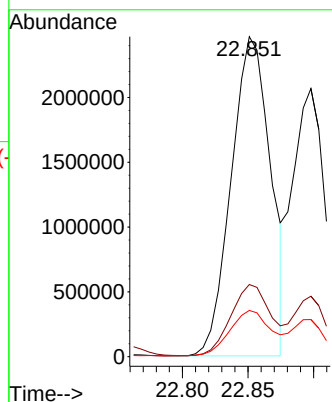
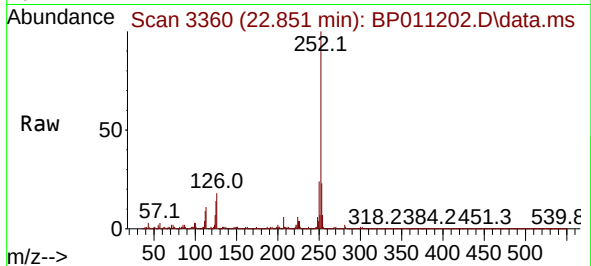




#90
Benzo(b)fluoranthene
Concen: 87.380 ng/ul
RT: 22.851 min Scan# 3360
Delta R.T. 0.012 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

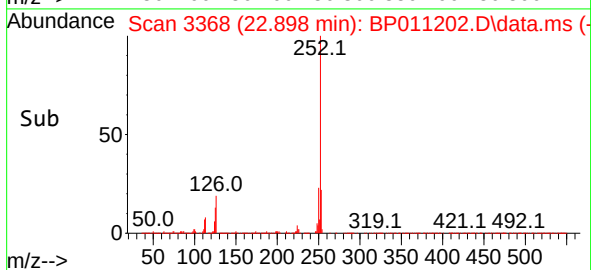
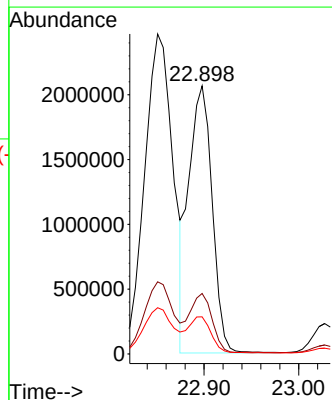
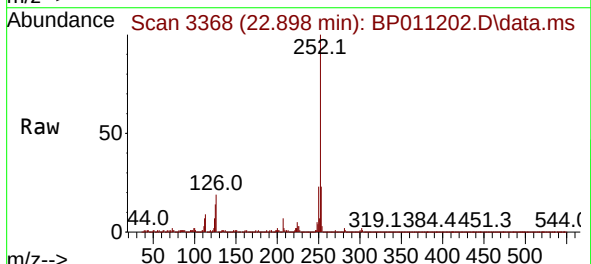
Instrument :
BNA_P
ClientSampleId :

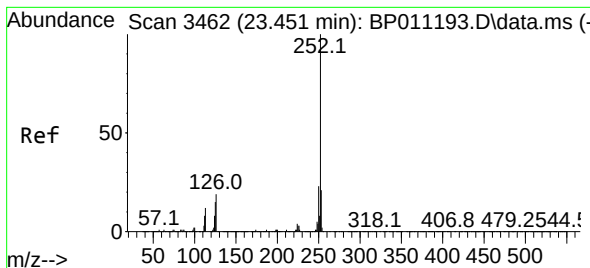
Tgt Ion:252 Resp: 5135970
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 14.5 6.2 9.2#



#91
Benzo(k)fluoranthene
Concen: 63.288 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. 0.006 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:252 Resp: 3530482
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 13.8 6.2 9.4#





#93

Benzo(a)pyrene

Concen: 74.605 ng/ul

RT: 23.463 min Scan# 3462

Delta R.T. 0.012 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

Instrument :

BNA_P

ClientSampleId :

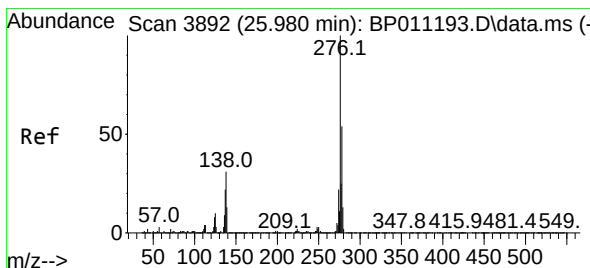
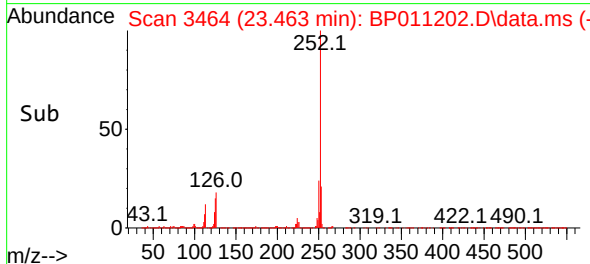
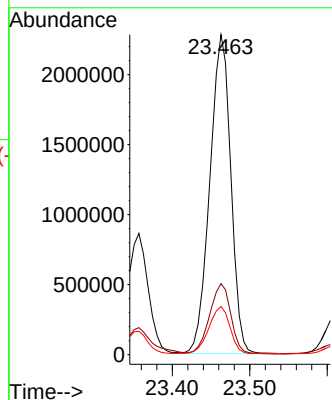
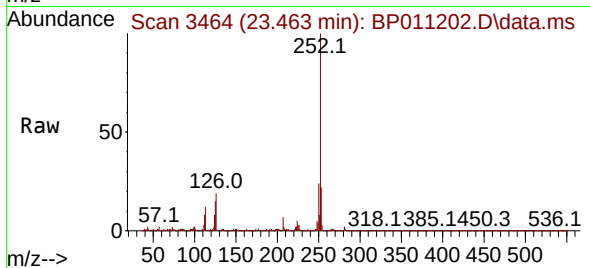
Tgt Ion:252 Resp: 4277283

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 15.0 6.6 10.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 58.487 ng/ul

RT: 26.004 min Scan# 3896

Delta R.T. 0.024 min

Lab File: BP011202.D

Acq: 01 Aug 2022 16:28

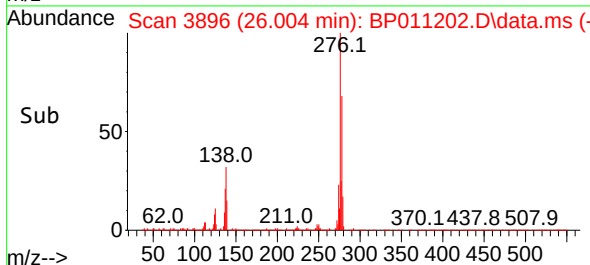
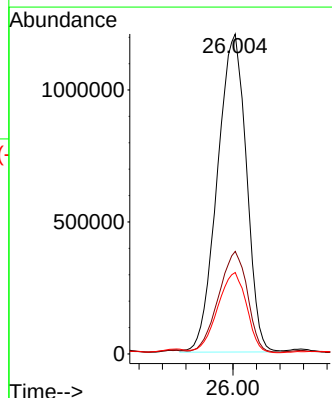
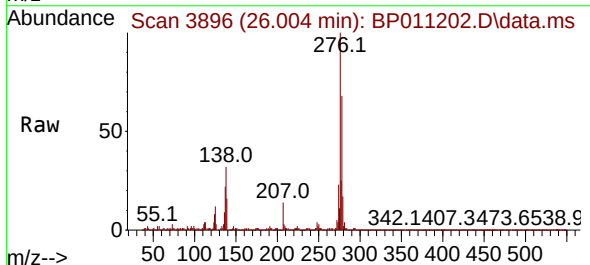
Tgt Ion:276 Resp: 4131144

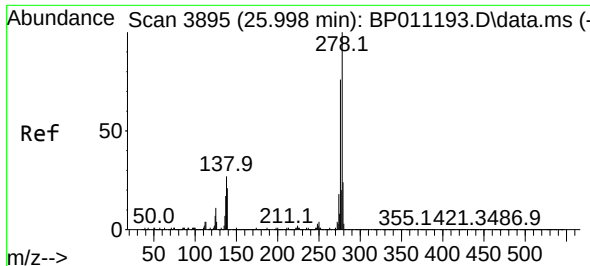
Ion Ratio Lower Upper

276 100

138 32.1 14.6 22.0#

277 25.4 19.6 29.4

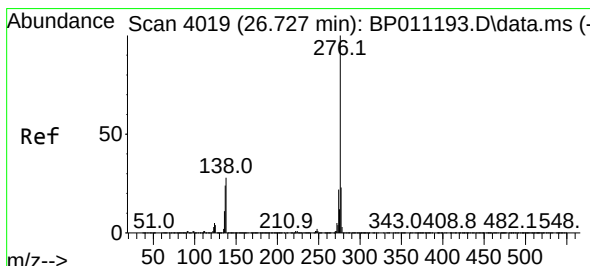
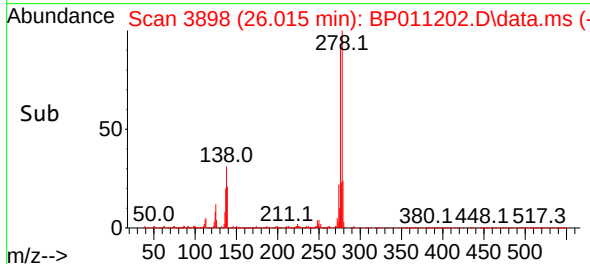
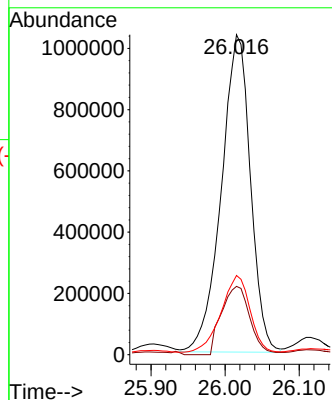
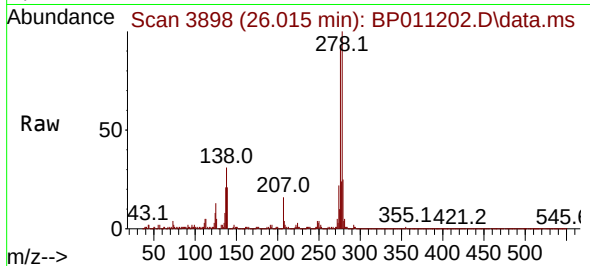




#95
Dibenzo(a,h)anthracene
Concen: 46.646 ng/ul
RT: 26.015 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 2825933
Ion Ratio Lower Upper
278 100
139 21.3 9.4 14.2#
279 24.8 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 49.613 ng/ul
RT: 26.745 min Scan# 4022
Delta R.T. 0.024 min
Lab File: BP011202.D
Acq: 01 Aug 2022 16:28

Tgt Ion:276 Resp: 3030802
Ion Ratio Lower Upper
276 100
138 28.9 12.7 19.1#
277 24.0 18.2 27.4

