

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011196.D
 Acq On : 01 Aug 2022 13:02
 Operator : CG/JU
 Sample : PB146543BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 01 22:59:30 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	252133	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1069422	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	485686	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	833631	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.216	240	853608	20.000	ng/u1	# 0.00
88) Perylene-d12	23.557	264	937923	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	182	0.033	ng/uL	0.06
4) Pyridine-d5	3.558	84	427654	27.457	ng/u1	0.00
7) Phenol-d5	6.828	99	823903	37.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	588053	37.789	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	666683	38.441	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	640335	35.569	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	322959	38.859	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	309693	38.901	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	526930	37.558	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	770508	33.877	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1280970	38.711	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1677893	40.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	211957	35.610	ng/u1	0.00
60) Fluorene-d10	15.316	176	1031783	37.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	152522	36.295	ng/u1	0.00
73) Anthracene-d10	17.187	188	1435845	39.090	ng/u1	0.00
81) Pyrene-d10	19.445	212	1667563	36.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	1881805	40.394	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	63788	11.193	ng/uL#	81
5) Pyridine	3.575	79	455476	28.348	ng/u1#	73
6) Benzaldehyde	6.799	77	629467	59.296	ng/u1	97
8) Phenol	6.858	94	914677	38.740	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.087	93	778041	40.643	ng/u1	95
12) 2-Chlorophenol	7.211	128	722594	40.076	ng/u1	99
13) 2-Methylphenol	8.099	108	679178	38.811	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1317859	41.102	ng/u1	96
16) Acetophenone	8.475	105	1116759	39.879	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	586715	39.635	ng/u1	97
18) 4-Methylphenol	8.434	108	714492	37.912	ng/u1	99
19) Hexachloroethane	8.716	117	327588	40.446	ng/u1#	75
22) Nitrobenzene	8.858	77	914556	42.800	ng/u1	97
23) Isophorone	9.387	82	1574375	40.721	ng/u1	98
25) 2-Nitrophenol	9.563	139	363729	40.660	ng/u1	90
26) 2,4-Dimethylphenol	9.628	107	741791	38.600	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.869	93	987562	40.654	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	559539	38.562	ng/u1	97
30) Naphthalene	10.493	128	2272819	40.396	ng/u1	100
32) 4-Chloroaniline	10.616	127	821574	36.353	ng/u1	99
33) Hexachlorobutadiene	10.769	225	362213	40.873	ng/u1	96
34) Caprolactam	11.416	113	156379	32.406	ng/u1	95
35) 4-Chloro-3-methylphenol	11.752	107	600168	36.889	ng/u1	98
36) 2-Methylnaphthalene	12.116	142	1344999	37.776	ng/u1	98

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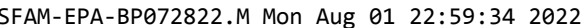
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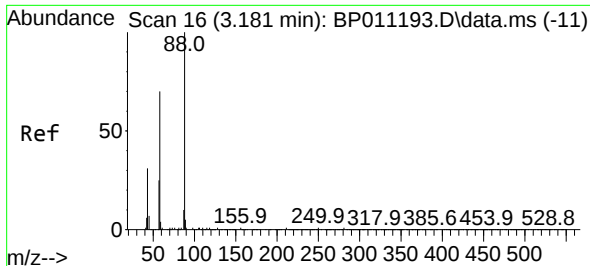
Quant Time: Aug 01 22:59:30 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1336682	37.475	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.487	216	569280	42.129	ng/ul#	97
40) Hexachlorocyclopentadiene	12.463	237	333940	37.484	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	353892	41.707	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	365975	40.743	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	1629454	41.989	ng/ul#	97
44) 2-Chloronaphthalene	13.181	162	1210621	41.729	ng/ul	95
45) 2-Nitroaniline	13.398	65	355910	42.211	ng/ul	97
47) Dimethylphthalate	13.787	163	1363075	40.902	ng/ul	98
48) 2,6-Dinitrotoluene	13.904	165	251596	43.207	ng/ul	88
50) Acenaphthylene	14.034	152	1856779	39.970	ng/ul	98
51) 3-Nitroaniline	14.234	138	269757	42.894	ng/ul	99
52) Acenaphthene	14.381	153	1263434	41.638	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	109047	33.205	ng/ul	97
55) 4-Nitrophenol	14.557	109	195469	38.219	ng/ul#	78
56) Dibenzofuran	14.716	168	1614101	39.135	ng/ul	96
57) 2,4-Dinitrotoluene	14.698	165	351645	43.282	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	264013	40.422	ng/ul#	81
59) Diethylphthalate	15.163	149	1377000	41.342	ng/ul	97
61) Fluorene	15.375	166	1279209	39.886	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	564323	38.661	ng/ul	90
63) 4-Nitroaniline	15.410	138	243774	45.594	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.463	198	168647	39.515	ng/ul#	89
67) N-Nitrosodiphenylamine	15.592	169	1037581	40.501	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	324133	40.519	ng/ul#	89
69) Hexachlorobenzene	16.381	284	368368	40.254	ng/ul#	89
70) Atrazine	16.563	200	291149	36.139	ng/ul	98
71) Pentachlorophenol	16.734	266	202626	38.566	ng/ul	98
72) Phenanthrene	17.128	178	1870969	41.009	ng/ul	98
74) Anthracene	17.222	178	1880899	41.672	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	578707	40.268	ng/uL	98
76) Pentachlorobenzene	14.634	250	476458	40.225	ng/uL	99
77) Carbazole	17.504	167	1736248	43.419	ng/ul	98
78) Di-n-butylphthalate	18.069	149	2138353	44.717	ng/ul	99
80) Fluoranthene	19.116	202	2142021	37.805	ng/ul#	84
82) Pyrene	19.475	202	2229810	38.298	ng/ul#	82
83) Butylbenzylphthalate	20.369	149	987114	42.339	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.139	252	709590	47.659	ng/ul#	98
85) Benzo(a)anthracene	21.198	228	2258387	42.560	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	1514089	42.970	ng/ul#	95
87) Chrysene	21.251	228	2186603	41.451	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	2815360	43.674	ng/ul	100
90) Benzo(b)fluoranthene	22.845	252	2515475	42.543	ng/ul#	95
91) Benzo(k)fluoranthene	22.892	252	2413827	43.015	ng/ul#	95
93) Benzo(a)pyrene	23.457	252	2218144	38.460	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.986	276	3003233	42.267	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.010	278	2485732	40.788	ng/ul#	92
96) Benzo(g,h,i)perylene	26.733	276	2477120	40.309	ng/ul#	87

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

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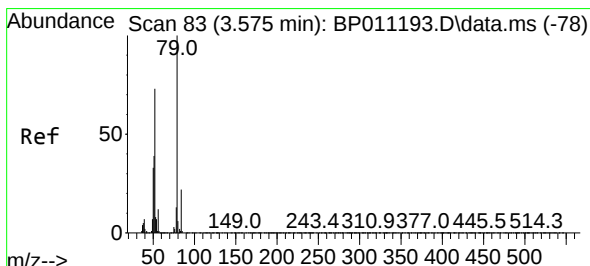
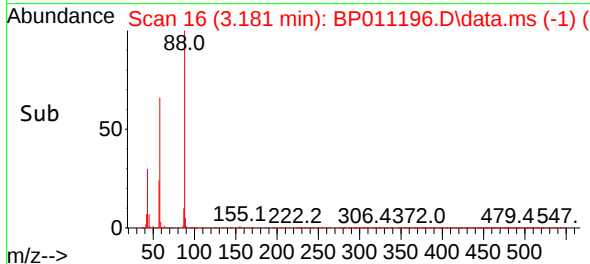
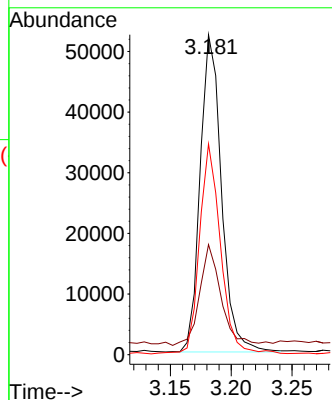
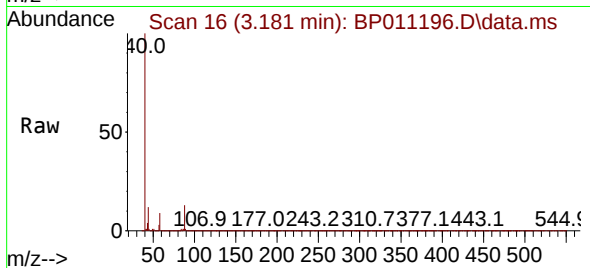




#2
1,4-Dioxane
Concen: 11.193 ng/uL
RT: 3.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011196.D
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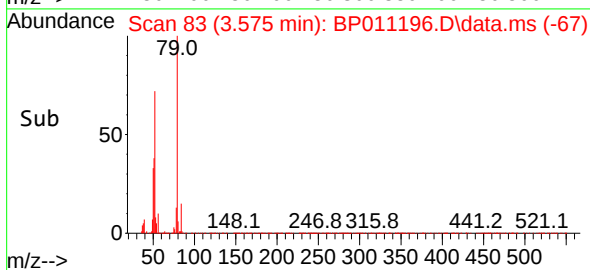
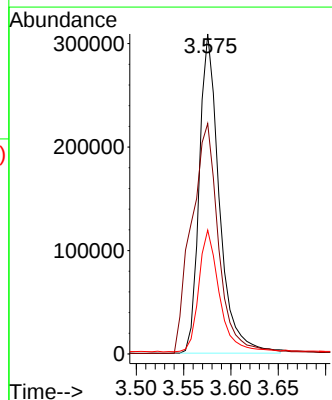
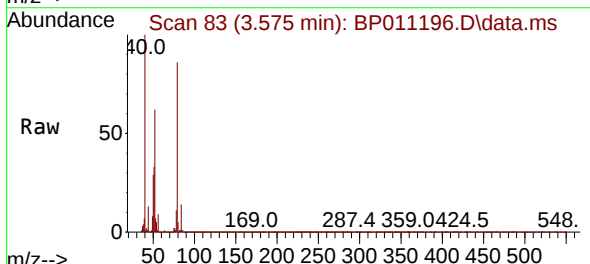
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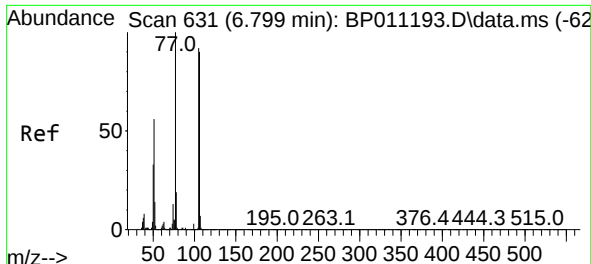
Tgt Ion: 88 Resp: 63788
Ion Ratio Lower Upper
88 100
43 34.4 35.8 53.6#
58 65.9 68.1 102.1#



#5
Pyridine
Concen: 28.348 ng/uL
RT: 3.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion: 79 Resp: 455476
Ion Ratio Lower Upper
79 100
52 72.0 83.8 125.8#
51 38.7 41.0 61.4#

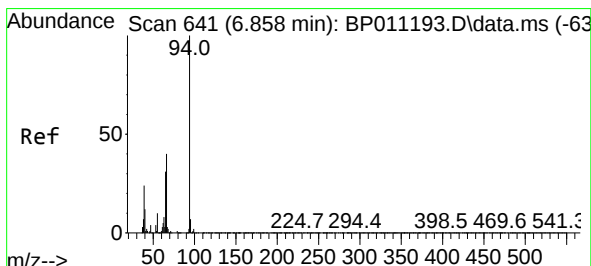
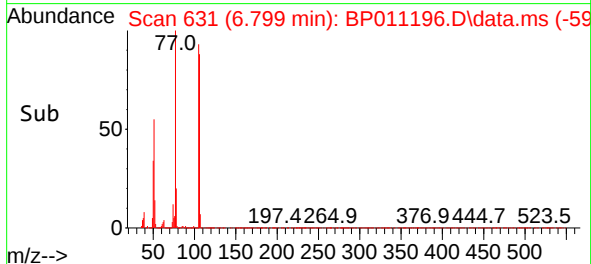
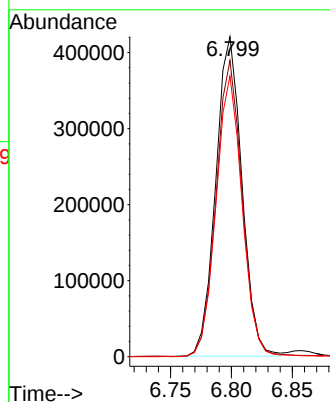
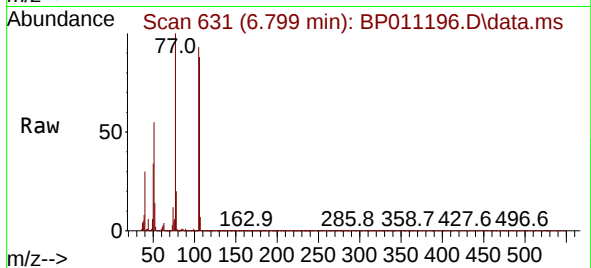




#6
Benzaldehyde
Concen: 59.296 ng/ul
RT: 6.799 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

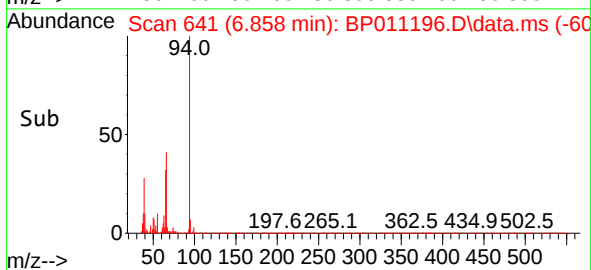
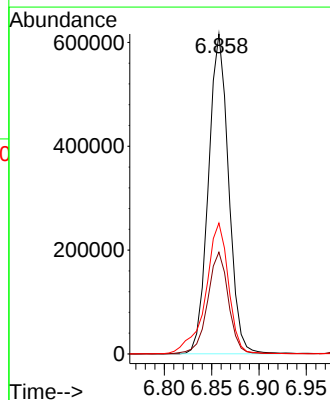
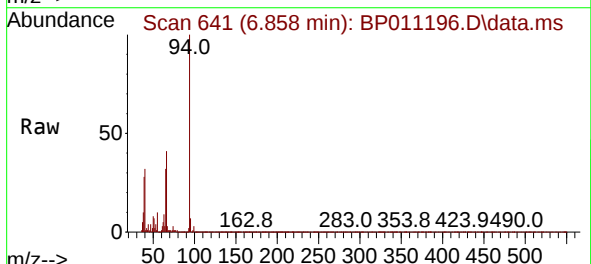
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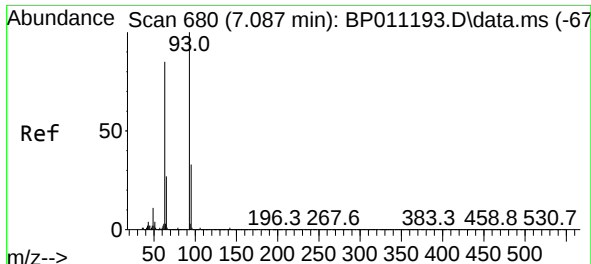
Tgt Ion: 77 Resp: 629467
Ion Ratio Lower Upper
77 100
105 92.5 76.0 114.0
106 87.7 73.2 109.8



#8
Phenol
Concen: 38.740 ng/ul
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion: 94 Resp: 914677
Ion Ratio Lower Upper
94 100
65 31.8 27.4 41.2
66 40.9 37.4 56.2

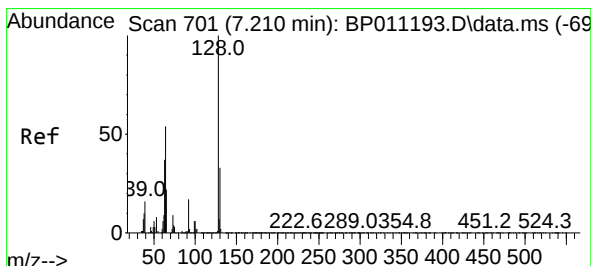
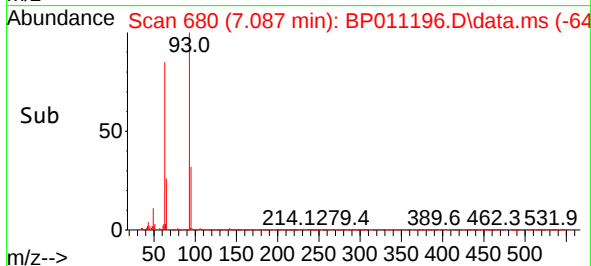
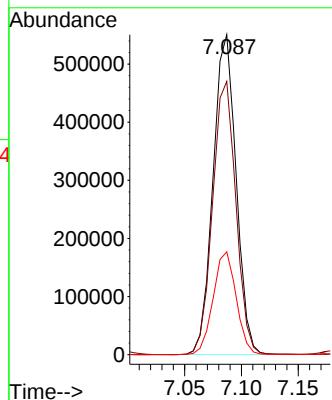
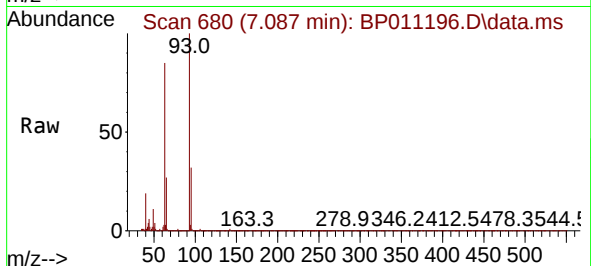




#10
Bis(2-Chloroethyl)ether
Concen: 40.643 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

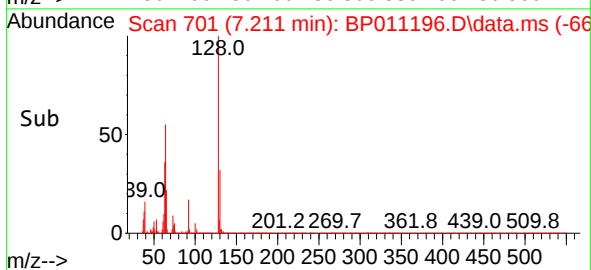
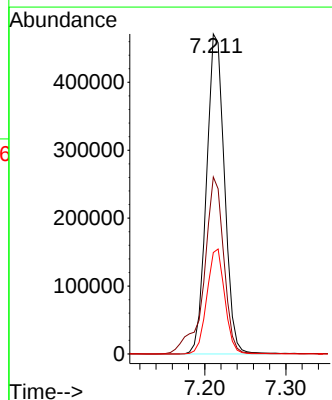
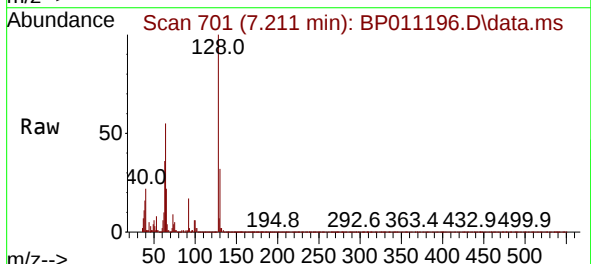
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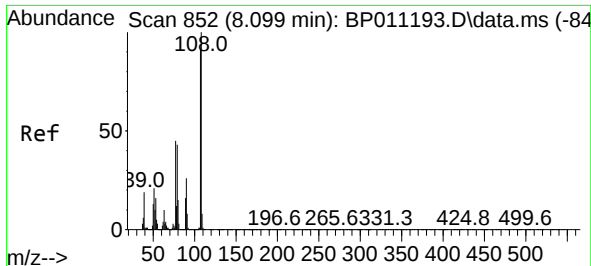
Tgt Ion: 93 Resp: 778041
Ion Ratio Lower Upper
93 100
63 85.4 72.4 108.6
95 32.2 27.3 40.9



#12
2-Chlorophenol
Concen: 40.076 ng/ul
RT: 7.211 min Scan# 701
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion: 128 Resp: 722594
Ion Ratio Lower Upper
128 100
64 55.3 44.8 67.2
130 31.7 25.8 38.6

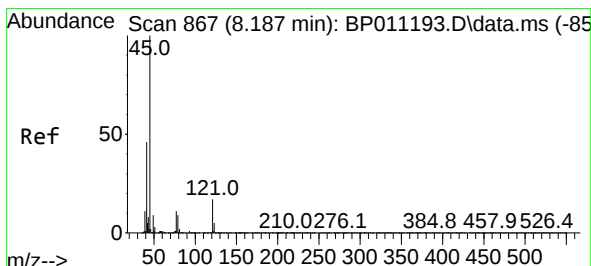
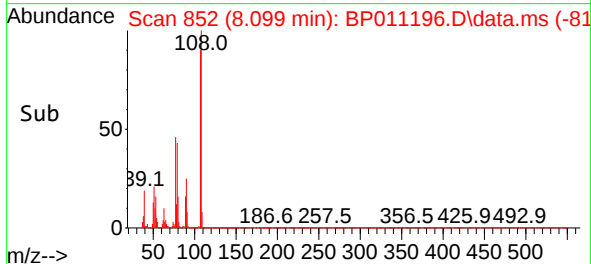
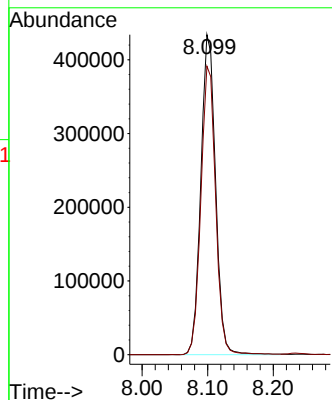
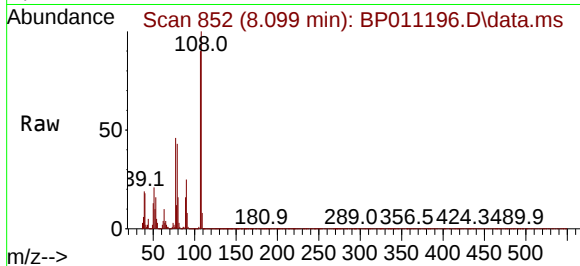




#13
2-Methylphenol
Concen: 38.811 ng/ul
RT: 8.099 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

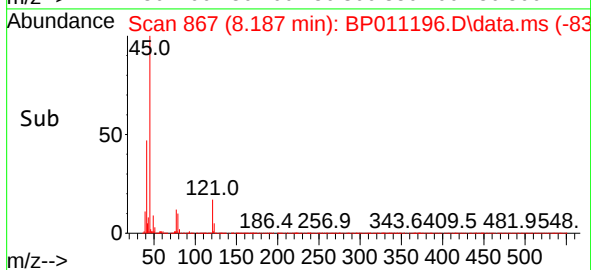
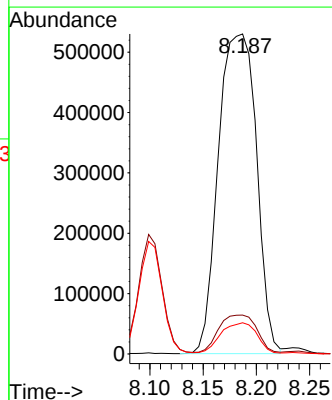
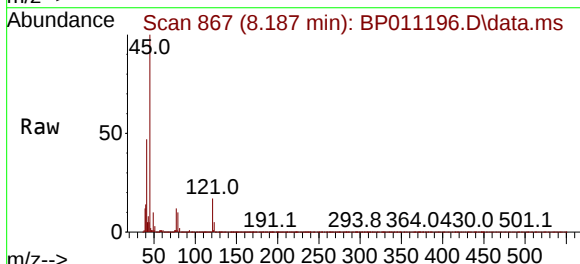
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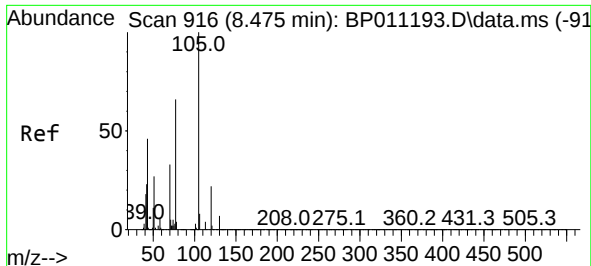
Tgt Ion:108 Resp: 679178
Ion Ratio Lower Upper
108 100
107 90.2 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 41.102 ng/ul
RT: 8.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion: 45 Resp: 1317859
Ion Ratio Lower Upper
45 100
77 12.2 11.2 16.8
79 9.8 6.9 10.3

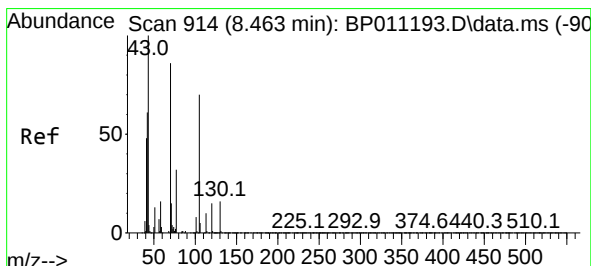
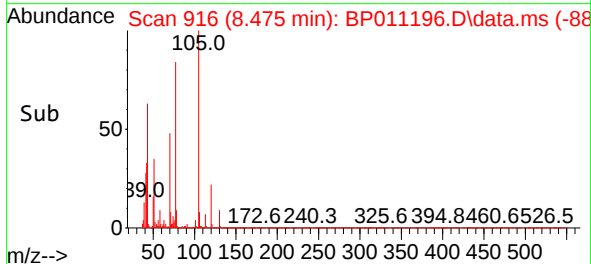
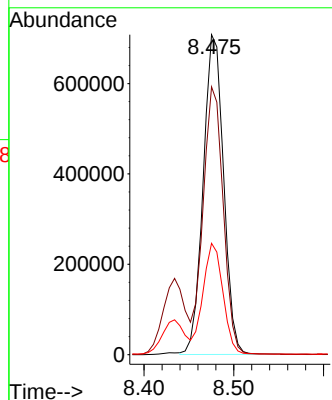
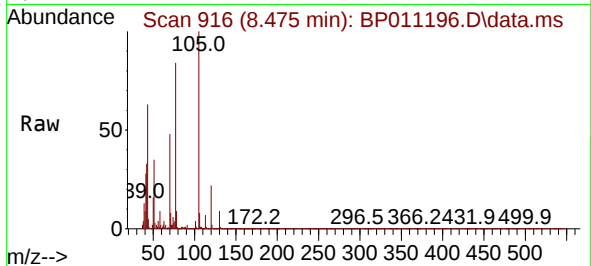




#16
Acetophenone
Concen: 39.879 ng/ul
RT: 8.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP011196.D
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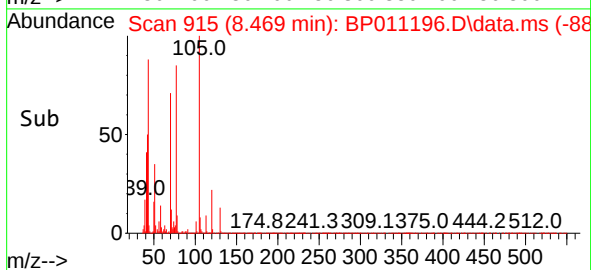
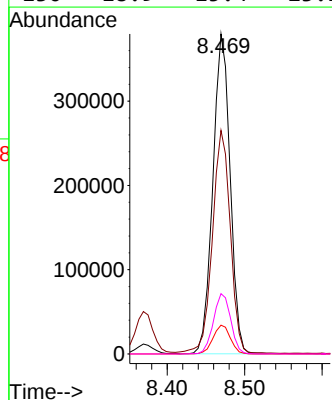
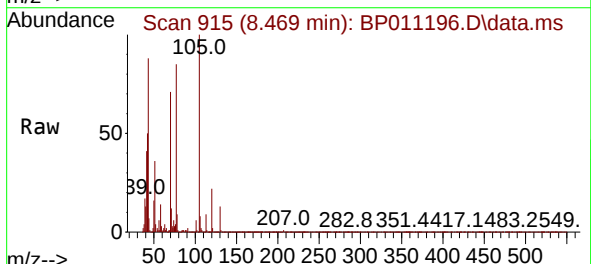
Instrument :
BNA_P
ClientSampleId :

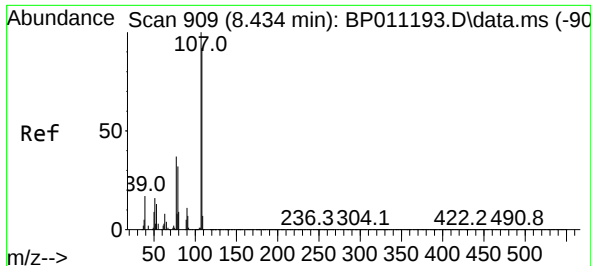
Tgt Ion:105 Resp: 1116759
Ion Ratio Lower Upper
105 100
77 83.7 67.5 101.3
51 34.8 29.6 44.4



#17
N-Nitroso-di-n-propylamine
Concen: 39.635 ng/ul
RT: 8.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion: 70 Resp: 586715
Ion Ratio Lower Upper
70 100
42 69.9 53.8 80.8
101 9.0 7.8 11.6
130 18.9 15.4 23.2

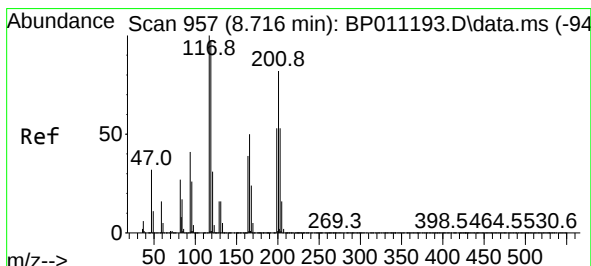
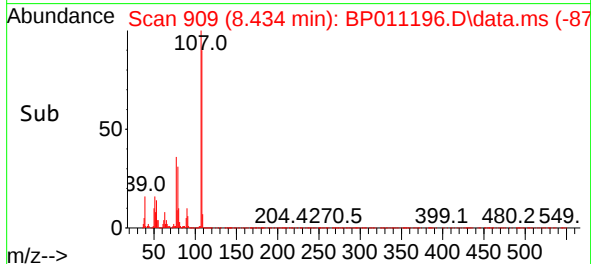
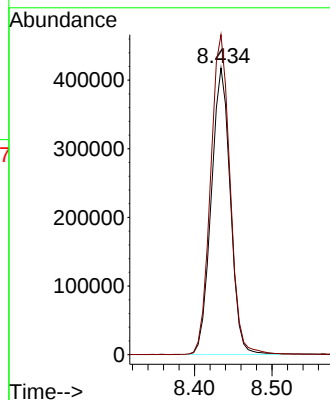
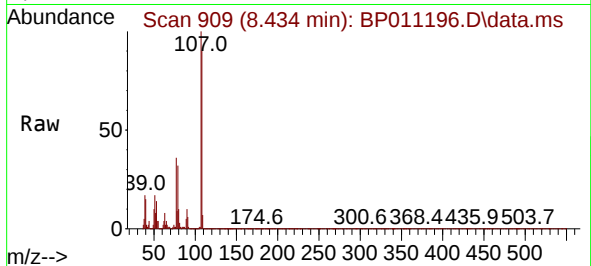




#18
4-Methylphenol
Concen: 37.912 ng/ul
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

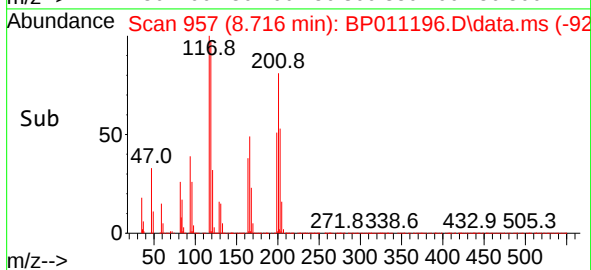
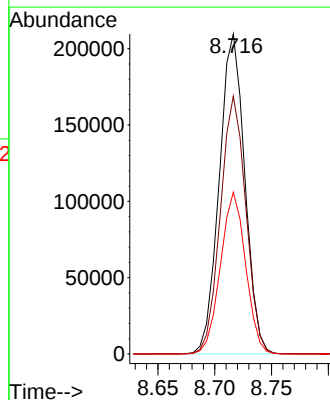
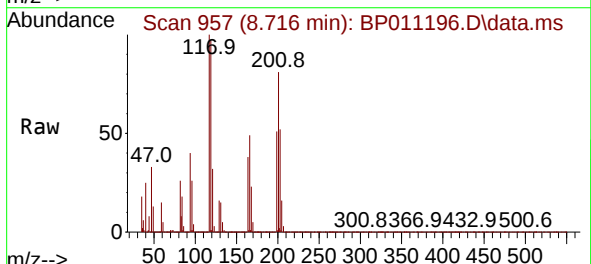
Instrument :
BNA_P
ClientSampleId :

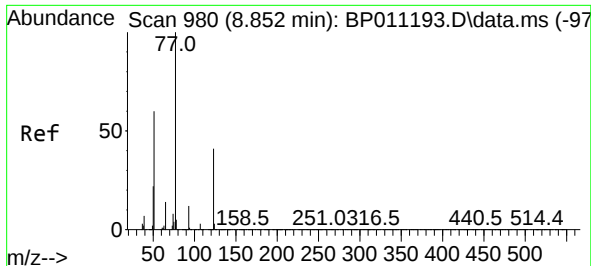
Tgt Ion:108 Resp: 714492
Ion Ratio Lower Upper
108 100
107 111.6 88.3 132.5



#19
Hexachloroethane
Concen: 40.446 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

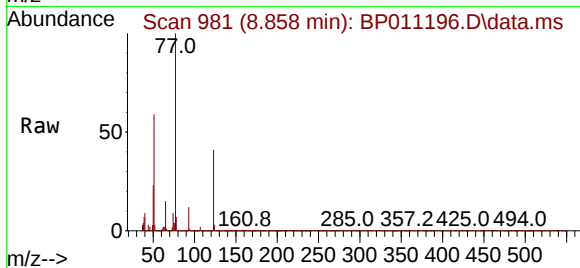
Tgt Ion:117 Resp: 327588
Ion Ratio Lower Upper
117 100
201 80.6 85.7 128.5#
199 50.6 57.4 86.0#



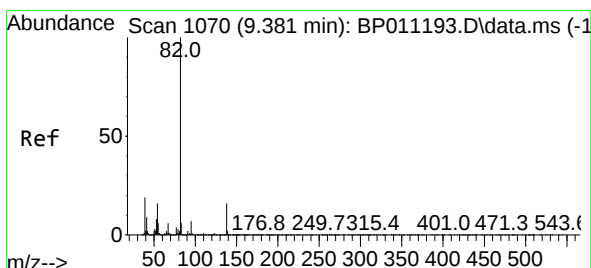
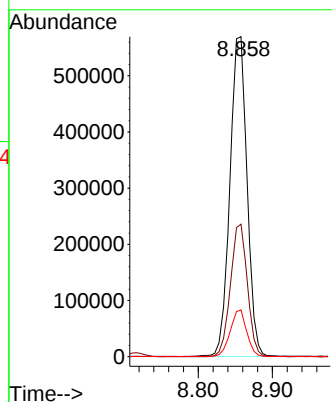
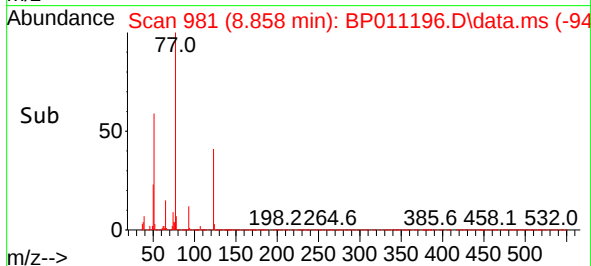


#22
Nitrobenzene
Concen: 42.800 ng/ul
RT: 8.858 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

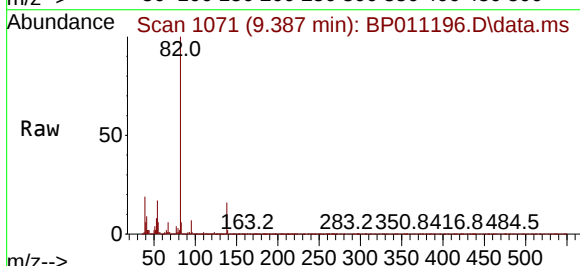
Instrument :
BNA_P
ClientSampleId :



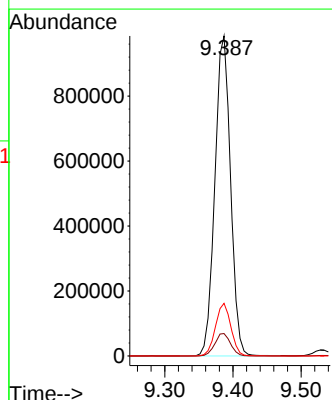
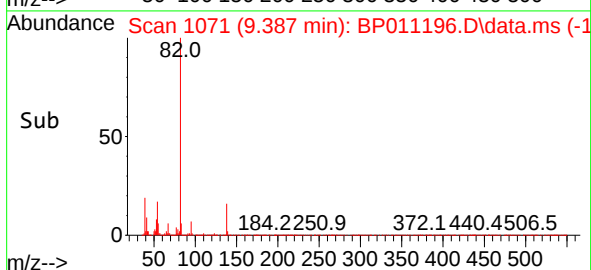
Tgt Ion: 77 Resp: 914556
Ion Ratio Lower Upper
77 100
123 41.4 31.5 47.3
65 14.6 11.4 17.2

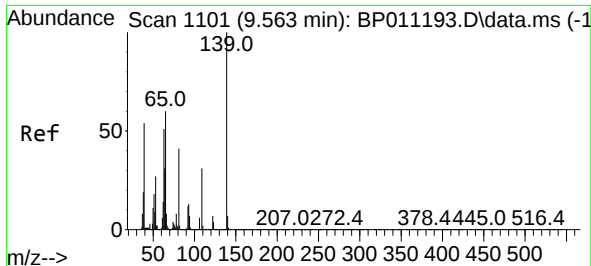


#23
Isophorone
Concen: 40.721 ng/ul
RT: 9.387 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02



Tgt Ion: 82 Resp: 1574375
Ion Ratio Lower Upper
82 100
95 7.0 6.6 10.0
138 16.5 13.8 20.6

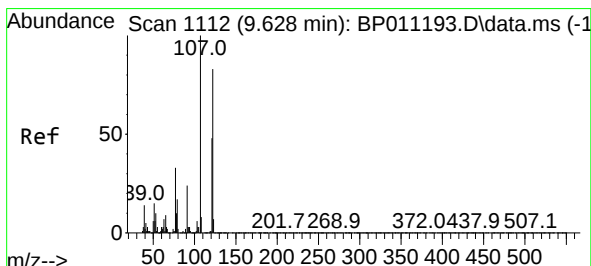
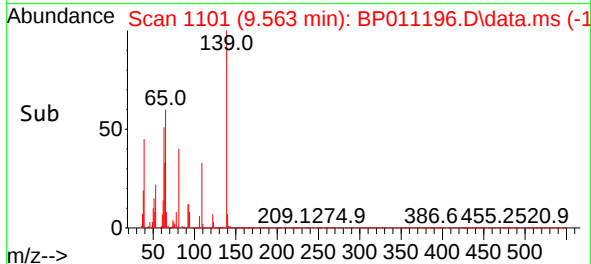
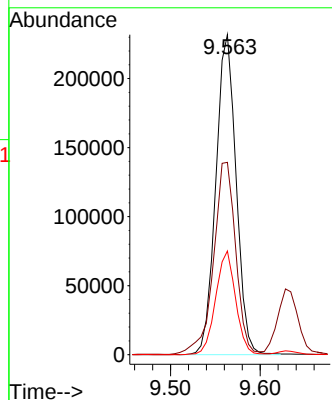
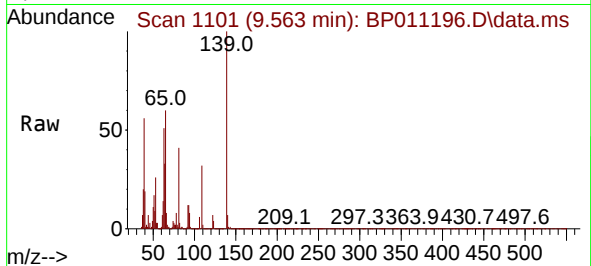




#25
2-Nitrophenol
Concen: 40.660 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

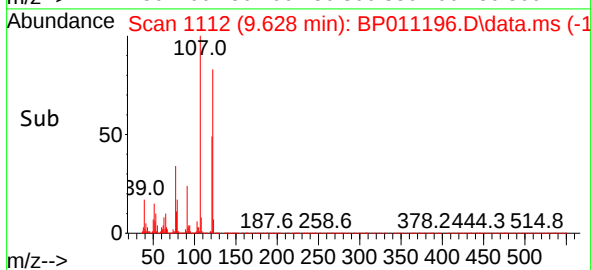
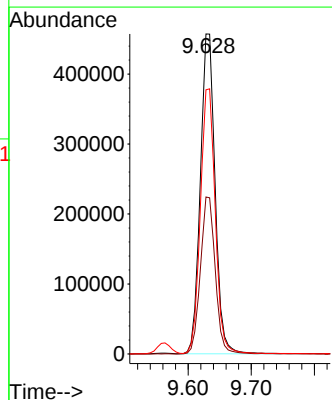
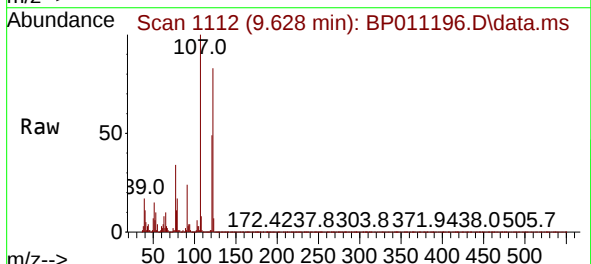
Instrument :
BNA_P
ClientSampleId :

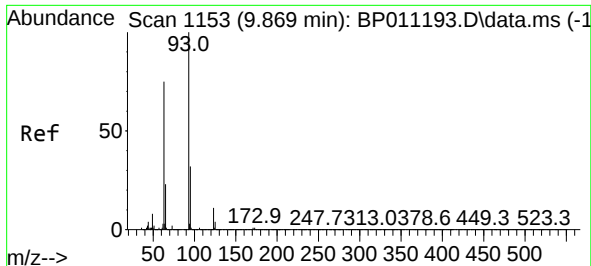
Tgt Ion:139 Resp: 363729
Ion Ratio Lower Upper
139 100
65 60.1 54.2 81.4
109 32.4 30.6 45.8



#26
2,4-Dimethylphenol
Concen: 38.600 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:107 Resp: 741791
Ion Ratio Lower Upper
107 100
121 49.0 39.1 58.7
122 82.6 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 40.654 ng/ul

RT: 9.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

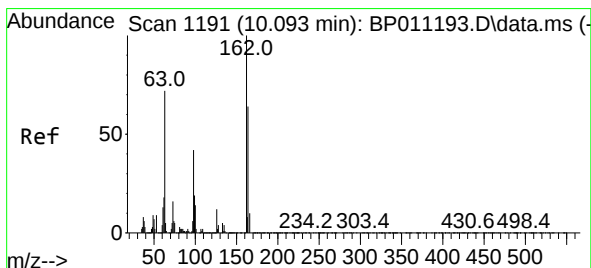
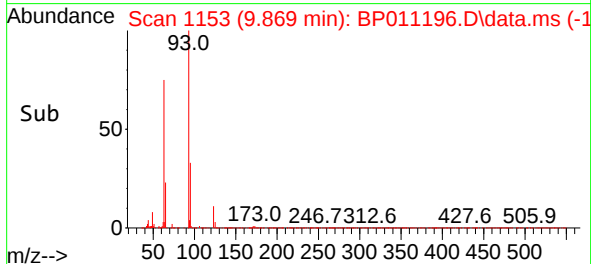
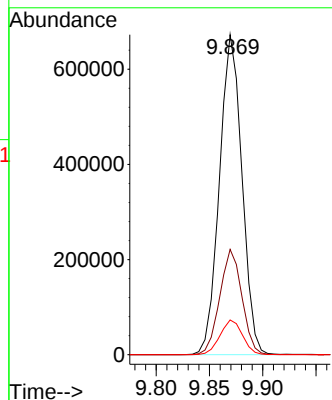
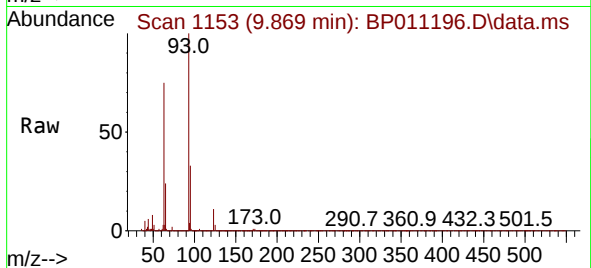
Tgt Ion: 93 Resp: 987562

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

123 10.8 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 38.562 ng/ul

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

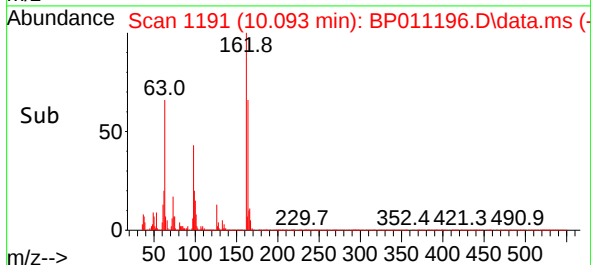
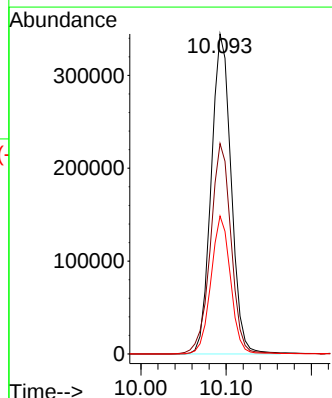
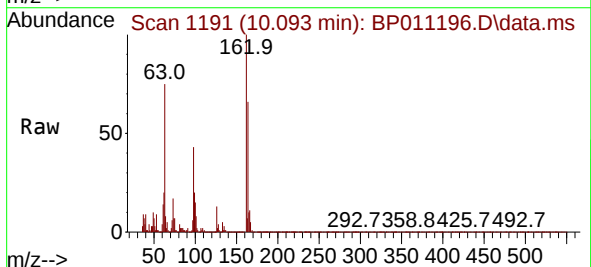
Tgt Ion:162 Resp: 559539

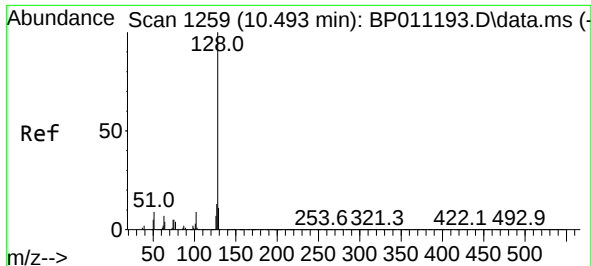
Ion Ratio Lower Upper

162 100

164 65.8 52.5 78.7

98 43.1 31.4 47.0

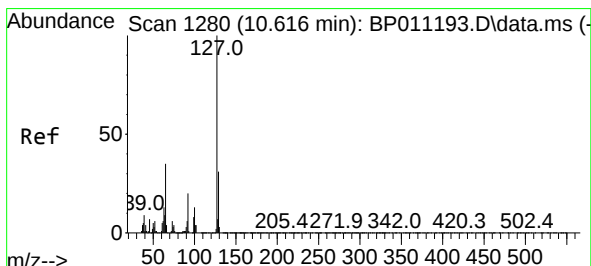
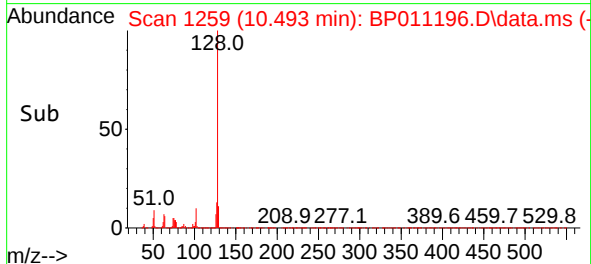
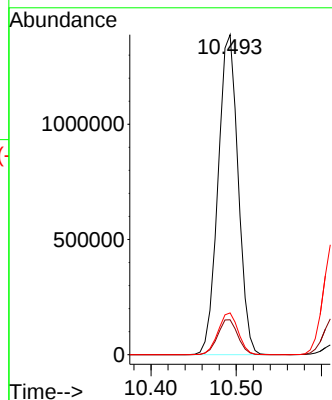
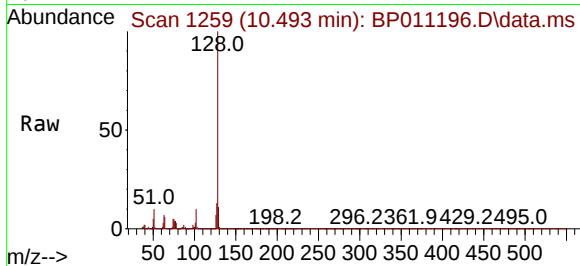




#30
Naphthalene
Concen: 40.396 ng/ul
RT: 10.493 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

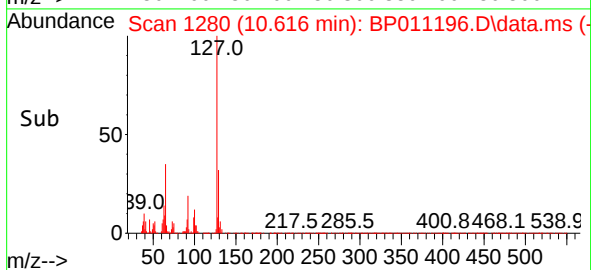
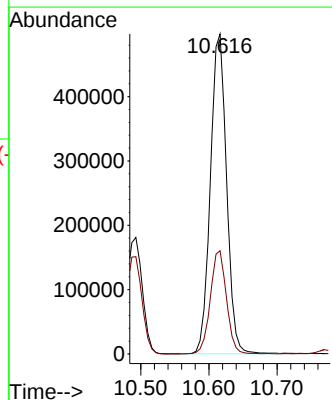
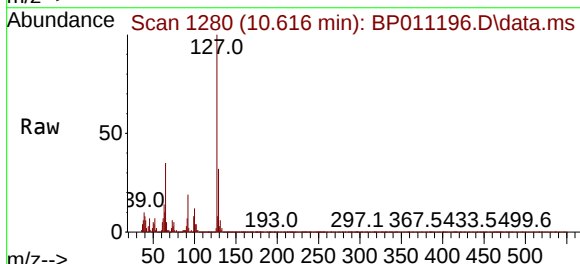
Instrument :
BNA_P
ClientSampleId :

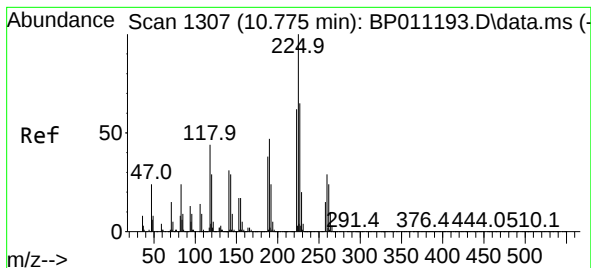
Tgt Ion:128 Resp: 2272819
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.2 15.4



#32
4-Chloroaniline
Concen: 36.353 ng/ul
RT: 10.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:127 Resp: 821574
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.2





#33

Hexachlorobutadiene

Concen: 40.873 ng/ul

RT: 10.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

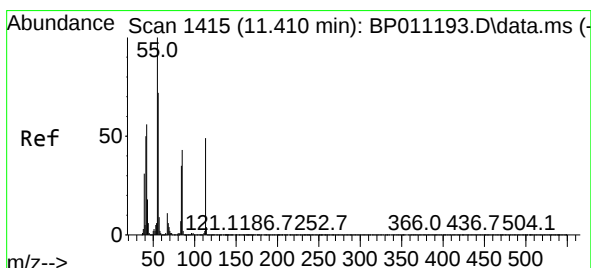
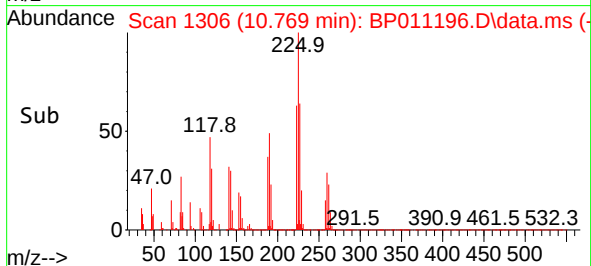
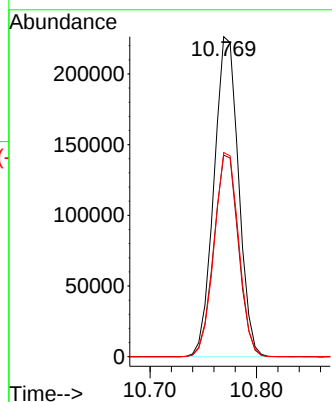
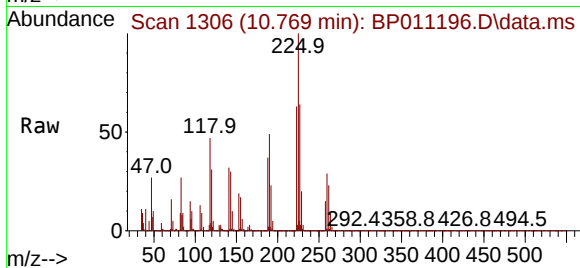
Tgt Ion:225 Resp: 362213

Ion Ratio Lower Upper

225 100

223 63.0 53.7 80.5

227 63.8 49.4 74.2



#34

Caprolactam

Concen: 32.406 ng/ul

RT: 11.416 min Scan# 1416

Delta R.T. 0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

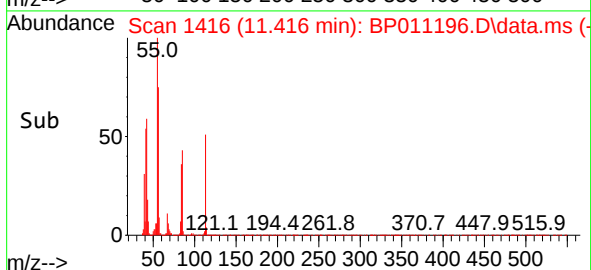
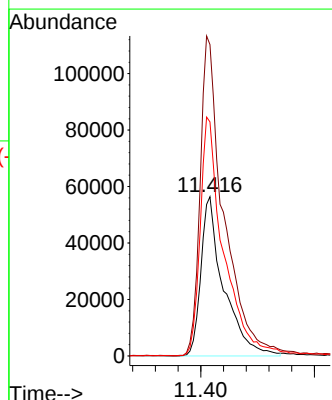
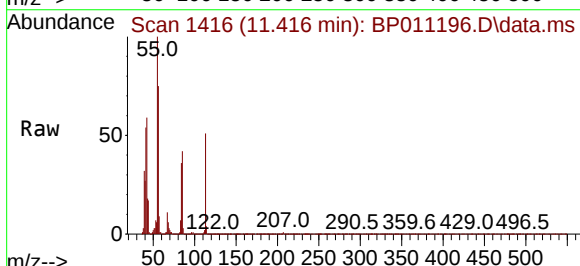
Tgt Ion:113 Resp: 156379

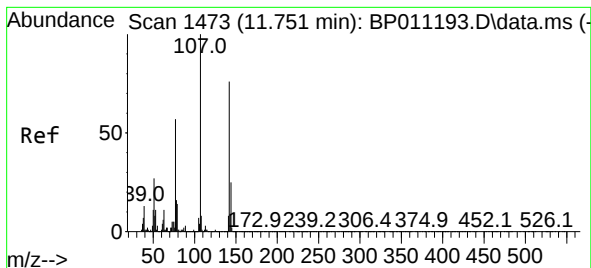
Ion Ratio Lower Upper

113 100

55 195.6 153.8 230.8

56 147.1 110.2 165.4

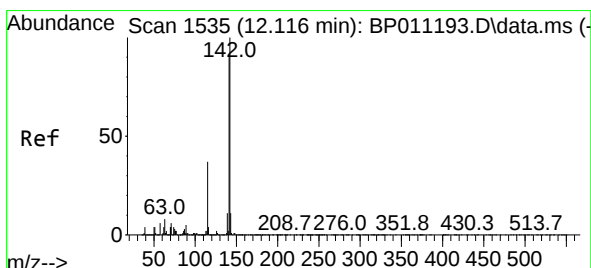
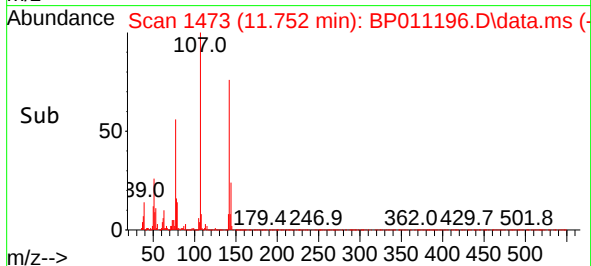
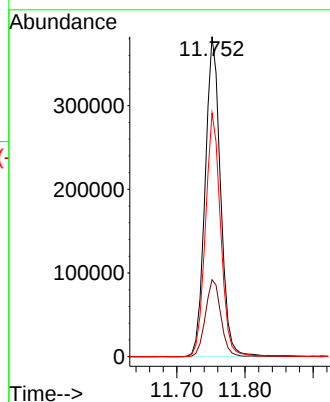
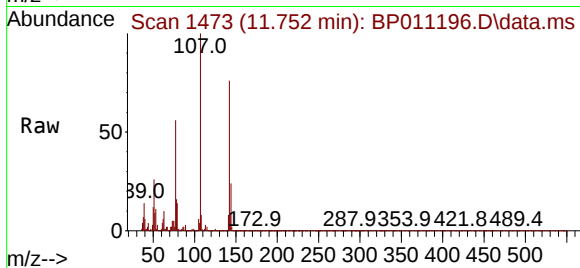




#35
4-Chloro-3-methylphenol
Concen: 36.889 ng/ul
RT: 11.752 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

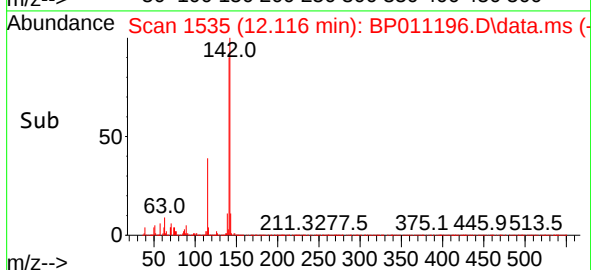
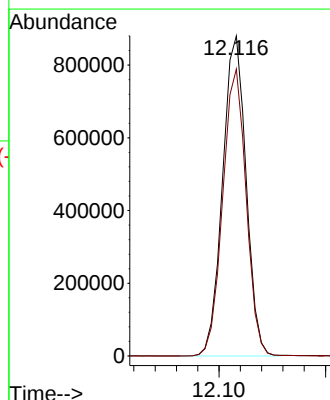
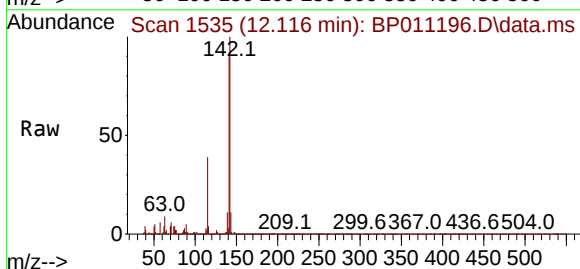
Instrument :
BNA_P
ClientSampleId :

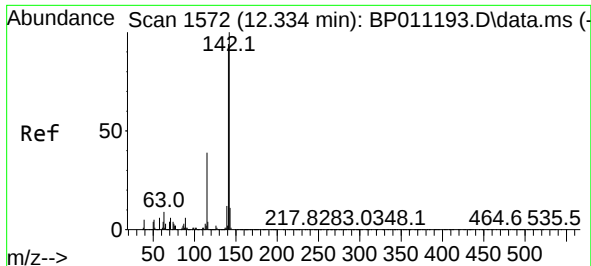
Tgt Ion:107 Resp: 600168
Ion Ratio Lower Upper
107 100
144 24.0 18.6 27.8
142 76.1 59.6 89.4



#36
2-Methylnaphthalene
Concen: 37.776 ng/ul
RT: 12.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:142 Resp: 1344999
Ion Ratio Lower Upper
142 100
141 89.6 70.1 105.1

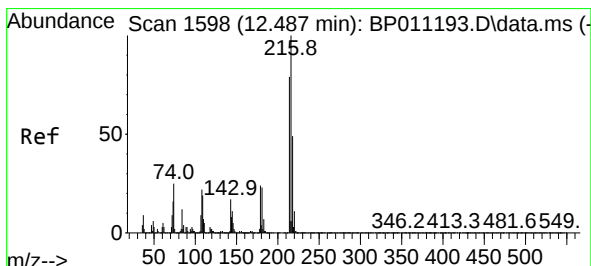
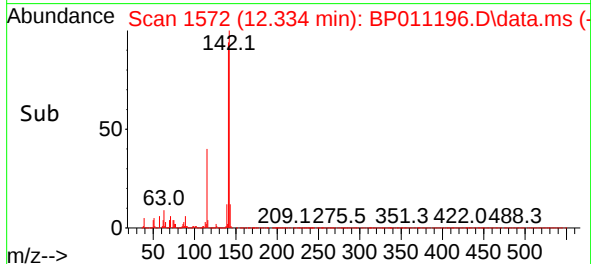
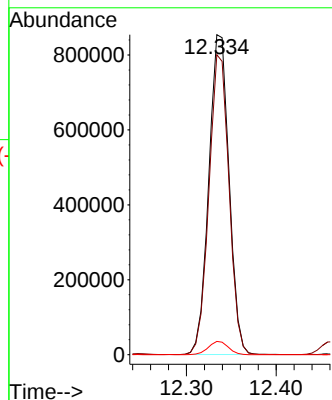
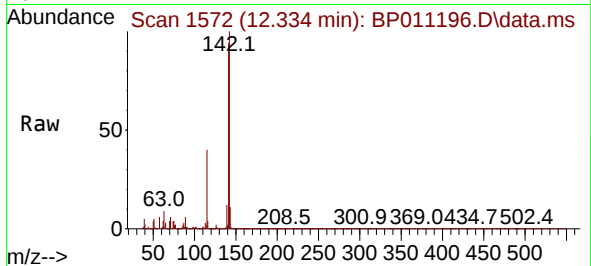




#37
1-Methylnaphthalene
Concen: 37.475 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

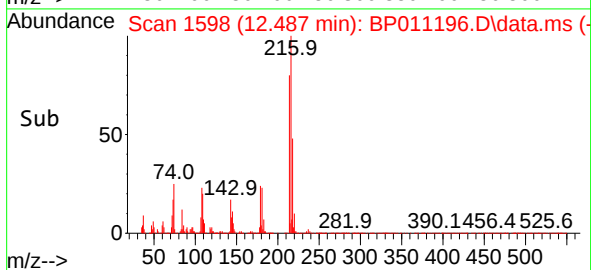
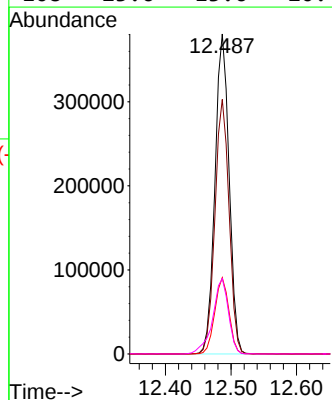
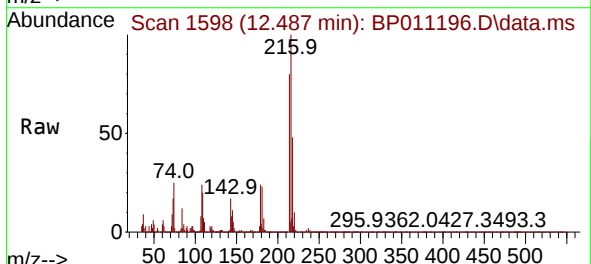
Instrument :
BNA_P
ClientSampleId :

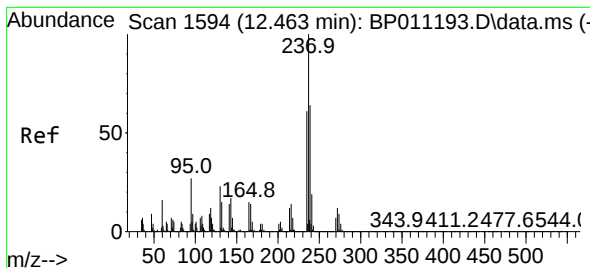
Tgt Ion:142 Resp: 1336682
Ion Ratio Lower Upper
142 100
141 93.8 73.3 109.9
116 4.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.129 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:216 Resp: 569280
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 23.9 18.1 27.1
108 23.6 13.6 20.4#

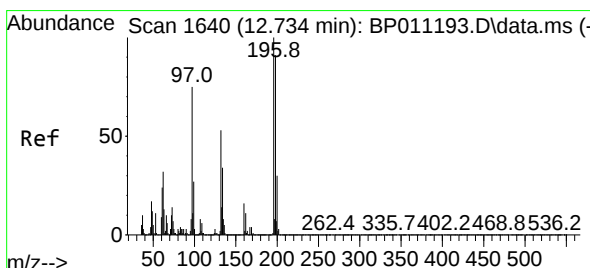
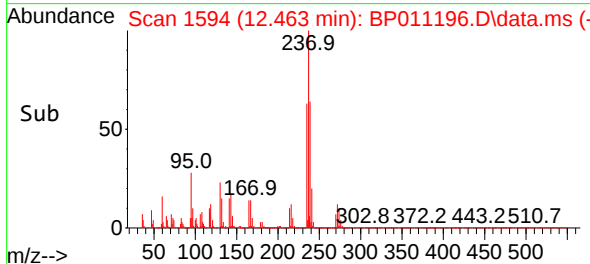
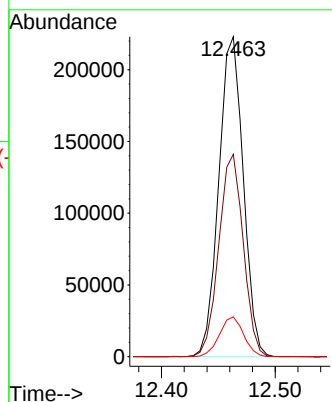
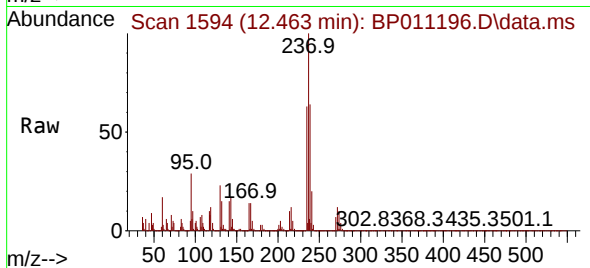




#40
Hexachlorocyclopentadiene
Concen: 37.484 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

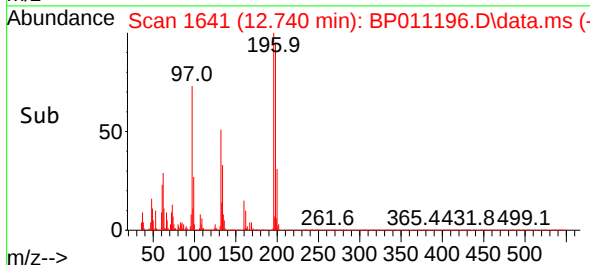
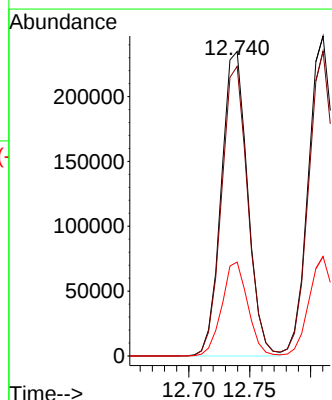
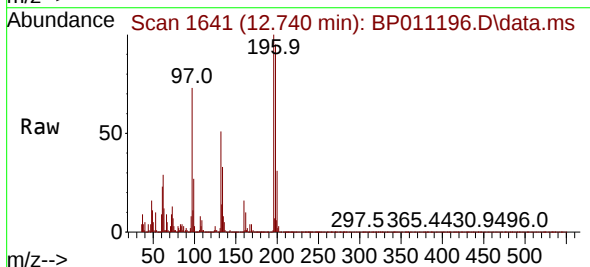
Instrument :
BNA_P
ClientSampleId :

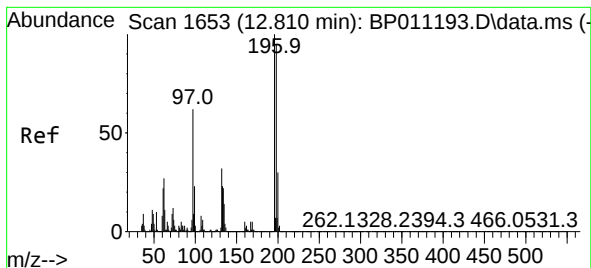
Tgt Ion:237 Resp: 333940
Ion Ratio Lower Upper
237 100
235 63.2 52.8 79.2
272 12.5 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 41.707 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:196 Resp: 353892
Ion Ratio Lower Upper
196 100
198 95.1 78.2 117.4
200 30.9 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 40.743 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

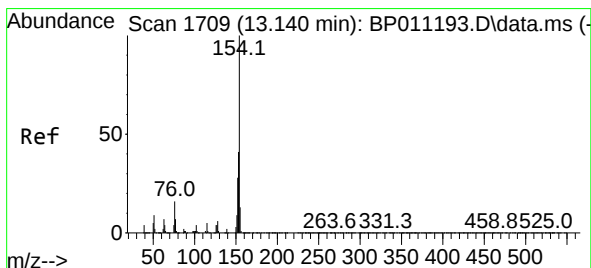
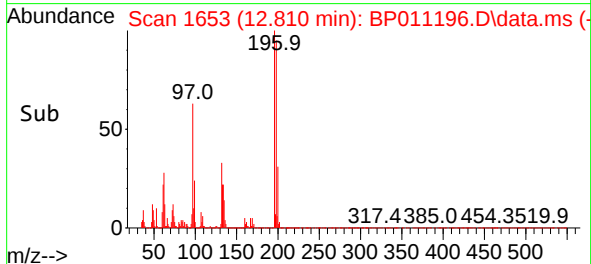
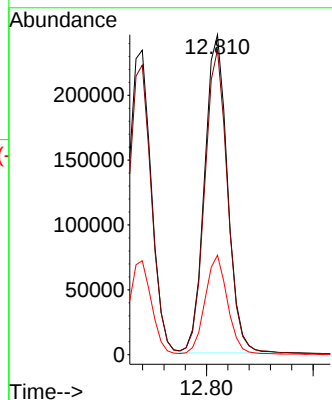
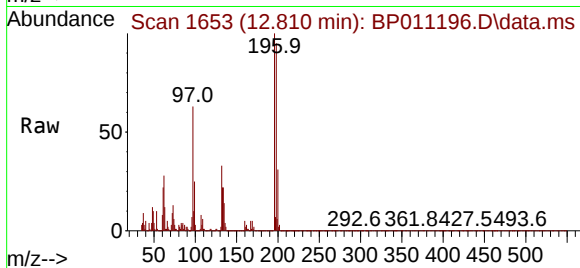
Tgt Ion:196 Resp: 365975

Ion Ratio Lower Upper

196 100

198 95.3 77.0 115.4

200 31.1 24.8 37.2



#43

1,1'-Biphenyl

Concen: 41.989 ng/ul

RT: 13.140 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

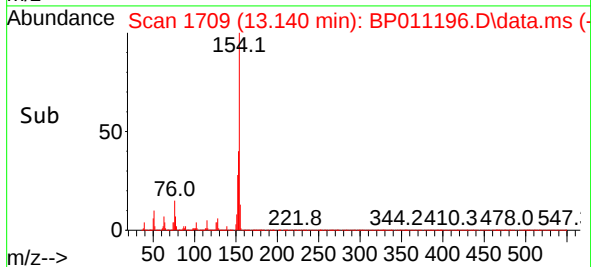
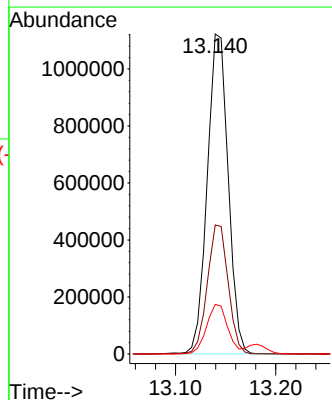
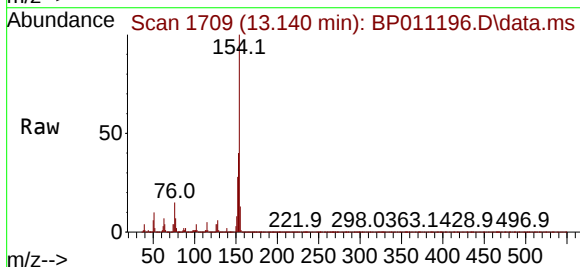
Tgt Ion:154 Resp: 1629454

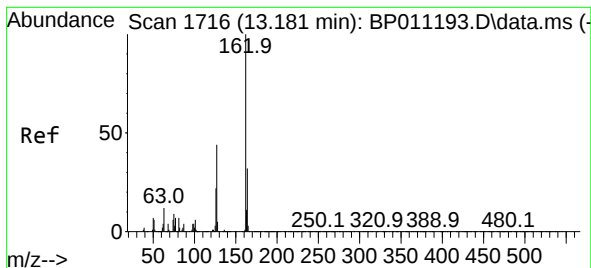
Ion Ratio Lower Upper

154 100

153 40.3 31.9 47.9

76 15.5 9.2 13.8#

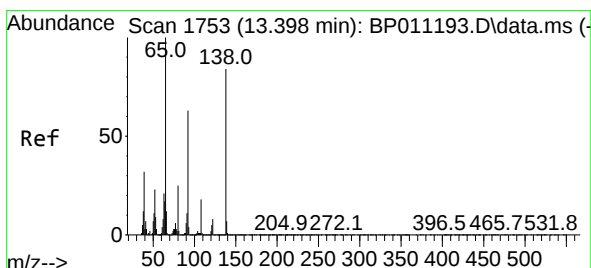
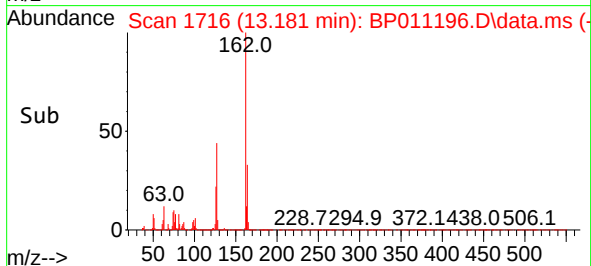
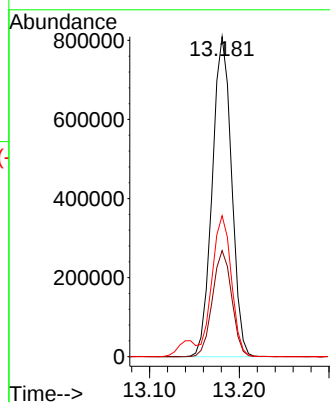
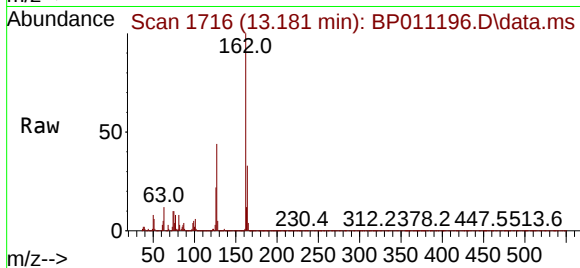




#44
2-Chloronaphthalene
Concen: 41.729 ng/ul
RT: 13.181 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

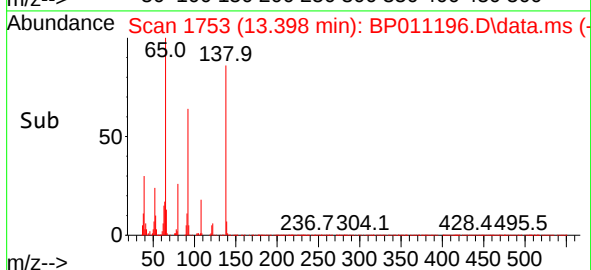
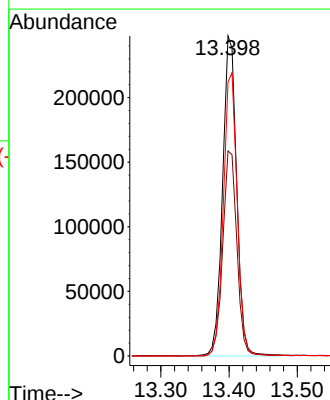
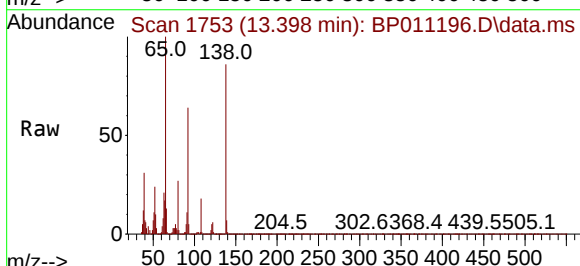
Instrument :
BNA_P
ClientSampleId :

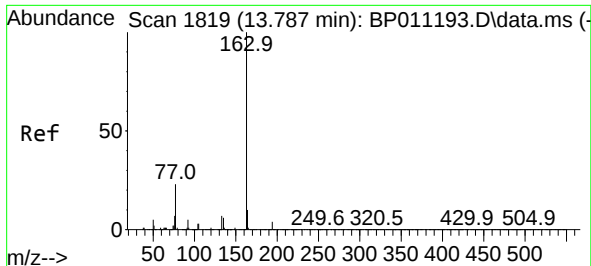
Tgt Ion:162 Resp: 1210621
Ion Ratio Lower Upper
162 100
164 33.2 25.5 38.3
127 44.0 31.9 47.9



#45
2-Nitroaniline
Concen: 42.211 ng/ul
RT: 13.398 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

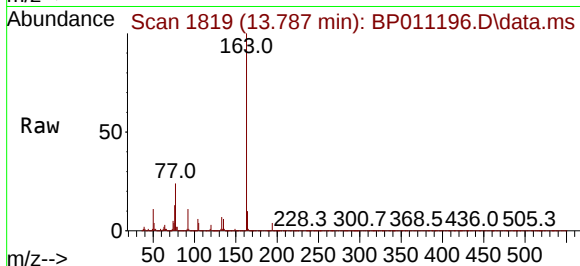
Tgt Ion: 65 Resp: 355910
Ion Ratio Lower Upper
65 100
92 64.1 49.0 73.6
138 85.7 66.4 99.6



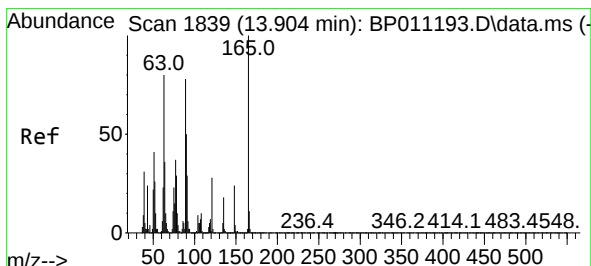
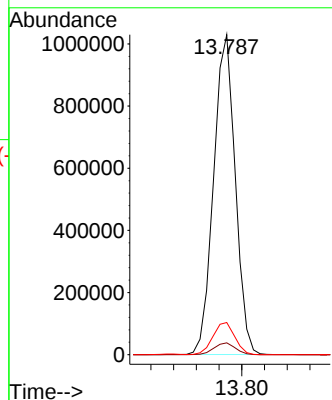
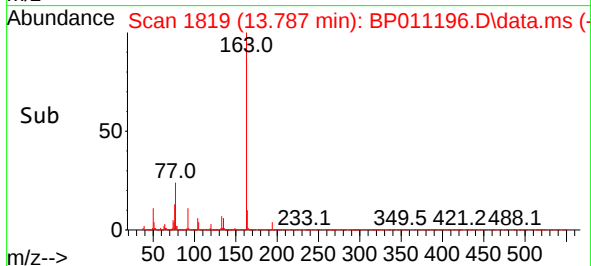


#47
Dimethylphthalate
Concen: 40.902 ng/ul
RT: 13.787 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Instrument :
BNA_P
ClientSampleId :

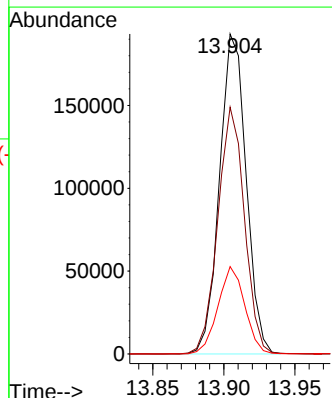
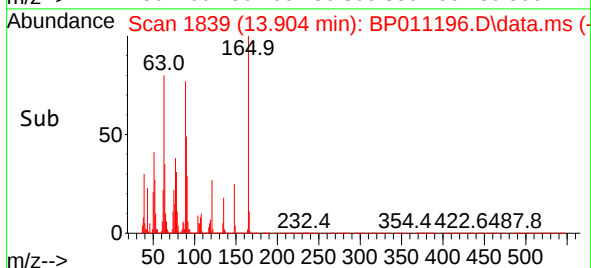
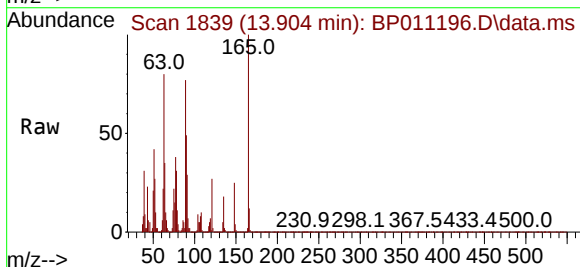


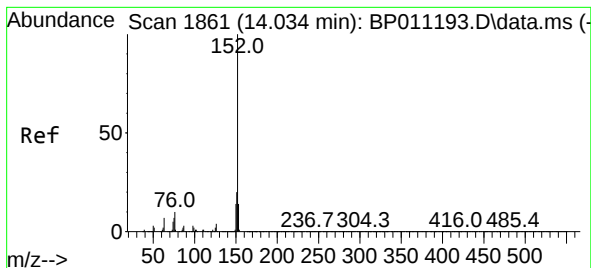
Tgt Ion:163 Resp: 1363075
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.0 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 43.207 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:165 Resp: 251596
Ion Ratio Lower Upper
165 100
89 77.1 52.9 79.3
121 27.3 19.4 29.2

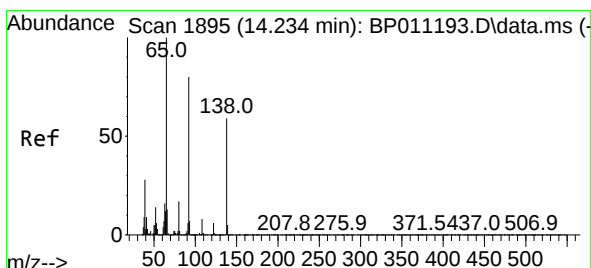
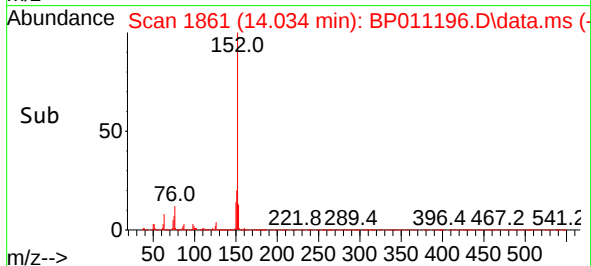
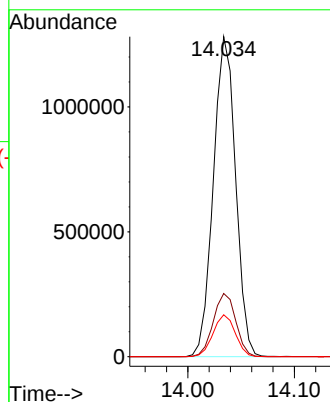
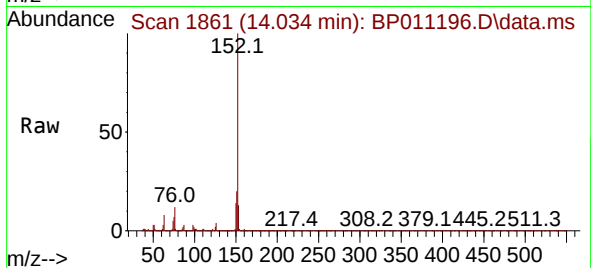




#50
Acenaphthylene
Concen: 39.970 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

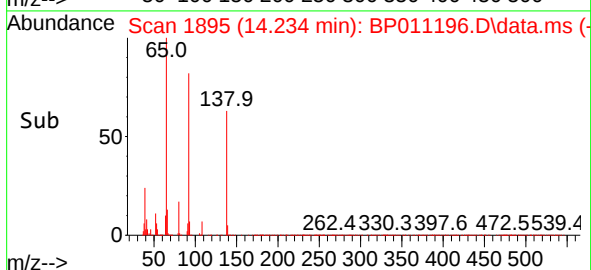
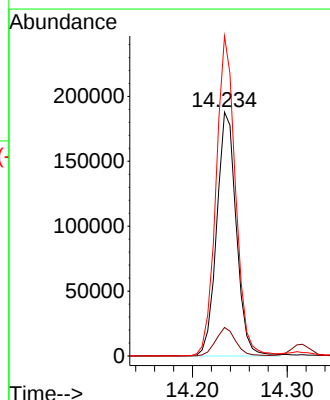
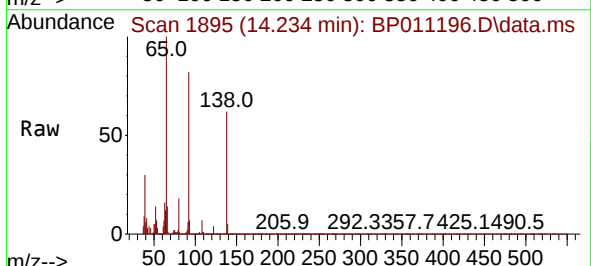
Instrument :
BNA_P
ClientSampleId :

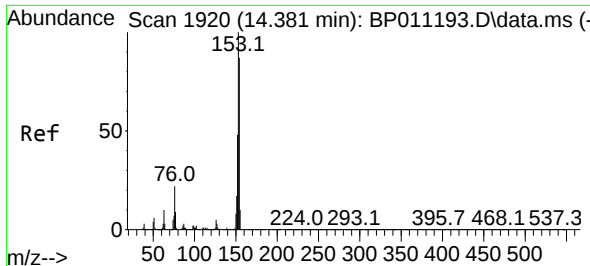
Tgt Ion:152 Resp: 1856779
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 13.1 10.1 15.1



#51
3-Nitroaniline
Concen: 42.894 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:138 Resp: 269757
Ion Ratio Lower Upper
138 100
108 11.7 11.0 16.4
92 131.2 104.6 156.8

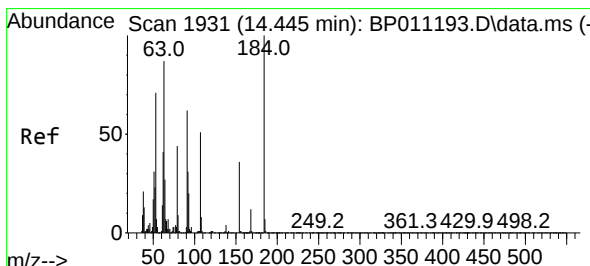
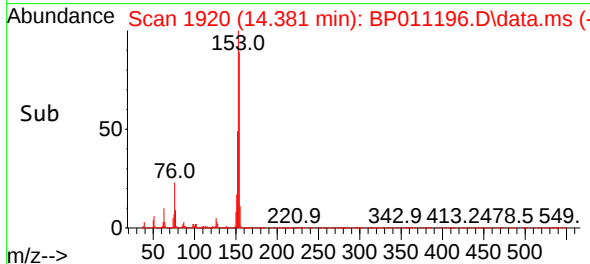
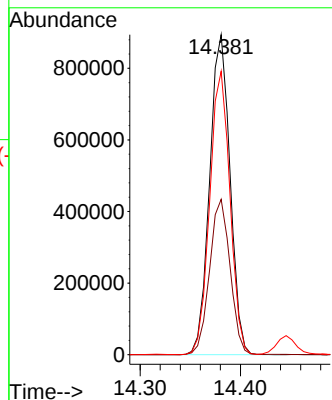
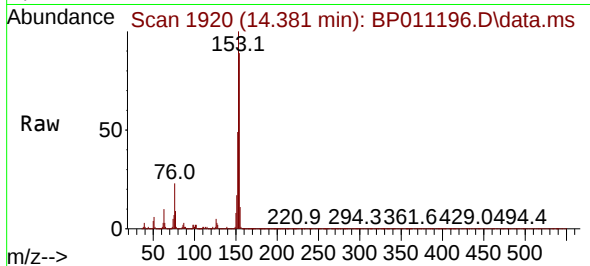




#52
Acenaphthene
Concen: 41.638 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

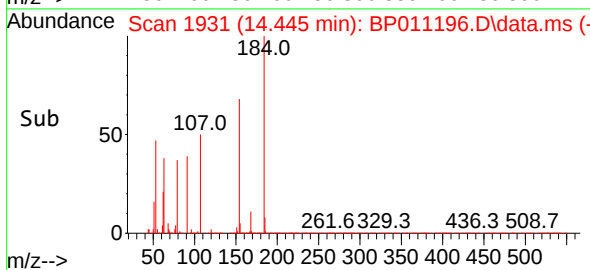
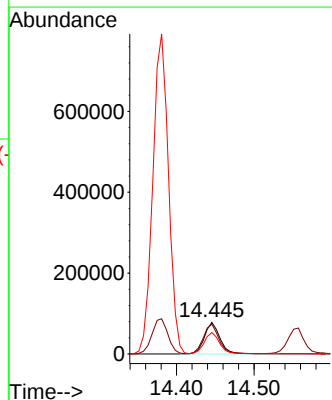
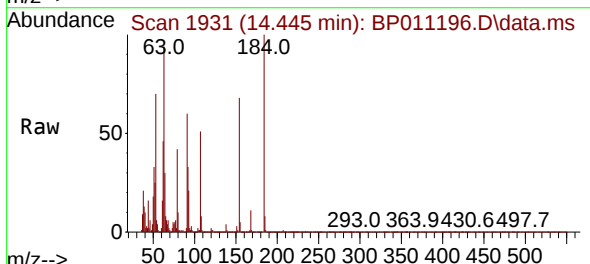
Instrument :
BNA_P
ClientSampleId :

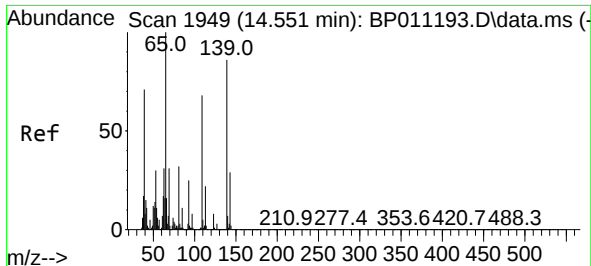
Tgt Ion:153 Resp: 1263434
Ion Ratio Lower Upper
153 100
152 48.6 36.2 54.2
154 88.5 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 33.205 ng/ul
RT: 14.445 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:184 Resp: 109047
Ion Ratio Lower Upper
184 100
63 94.2 73.8 110.6
154 68.3 57.2 85.8

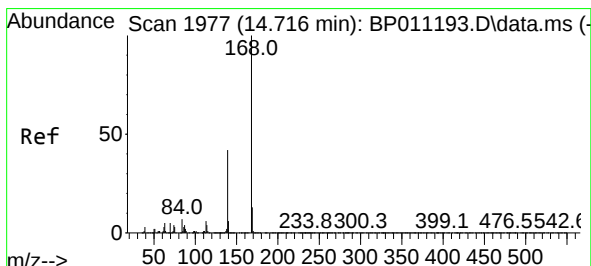
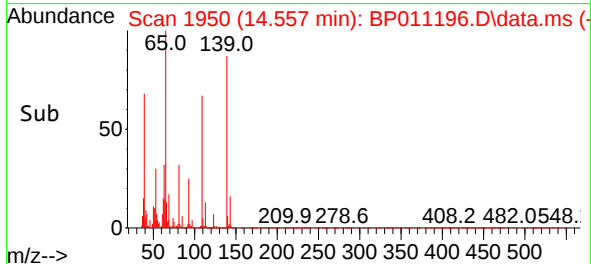
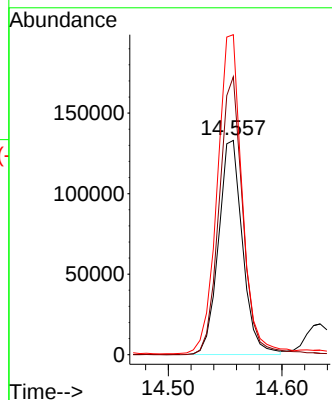
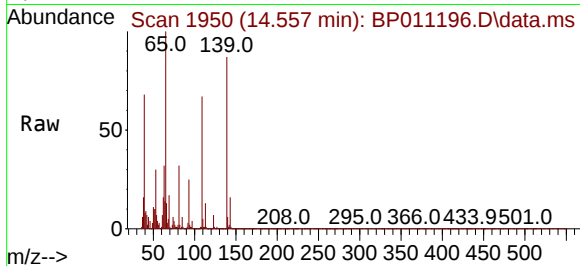




#55
4-Nitrophenol
Concen: 38.219 ng/ul
RT: 14.557 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

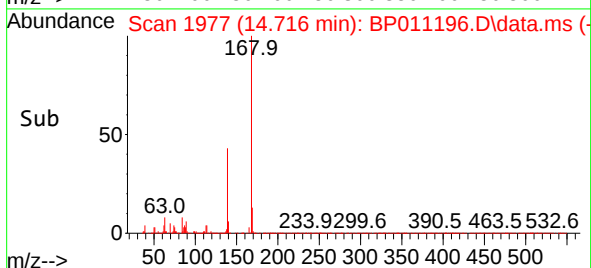
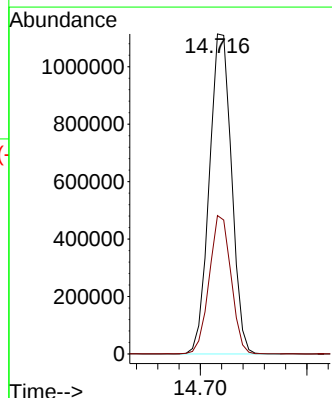
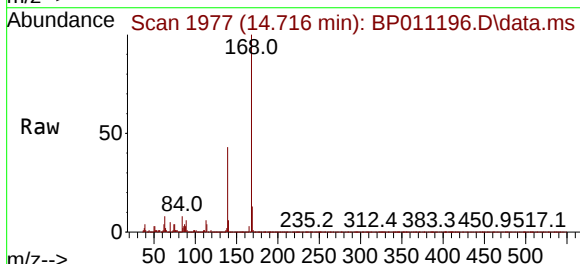
Instrument :
BNA_P
ClientSampleId :

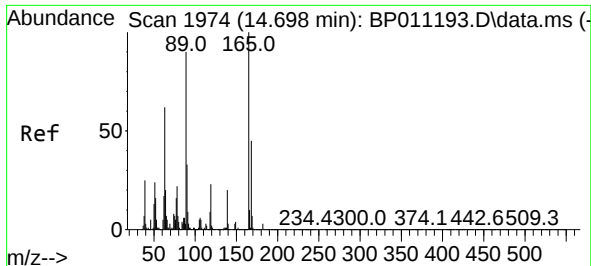
Tgt Ion:109 Resp: 195469
Ion Ratio Lower Upper
109 100
139 129.7 75.6 113.4#
65 149.4 107.6 161.4



#56
Dibenzofuran
Concen: 39.135 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:168 Resp: 1614101
Ion Ratio Lower Upper
168 100
139 43.3 32.8 49.2

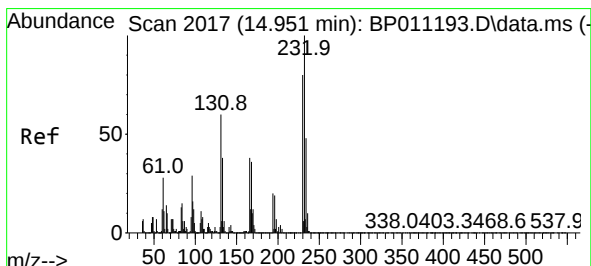
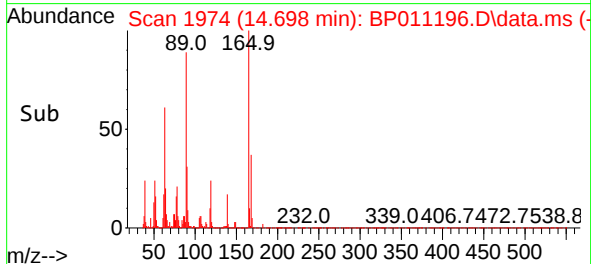
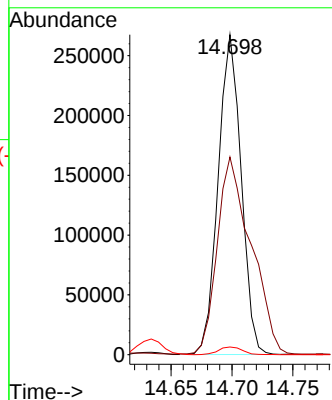
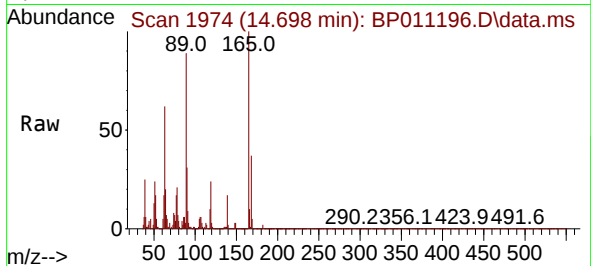




#57
2,4-Dinitrotoluene
Concen: 43.282 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

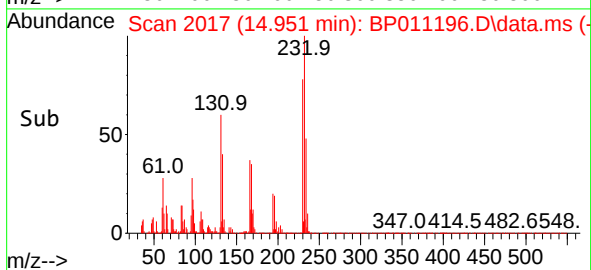
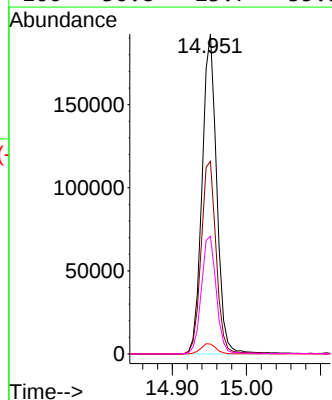
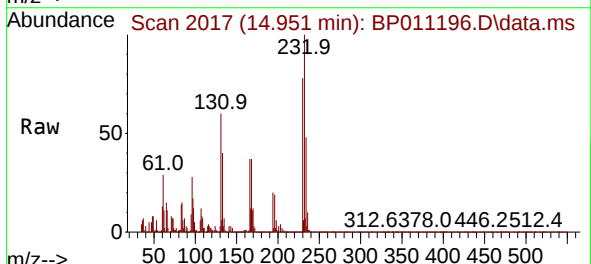
Instrument :
BNA_P
ClientSampleId :

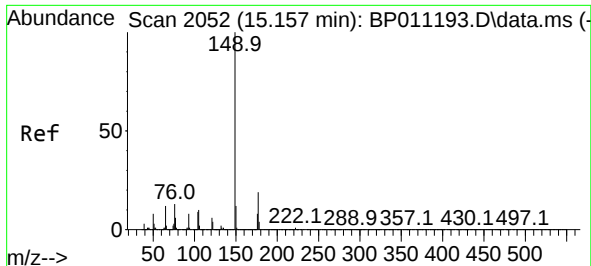
Tgt Ion:165 Resp: 351645
Ion Ratio Lower Upper
165 100
63 61.7 47.0 70.6
182 2.4 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.422 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

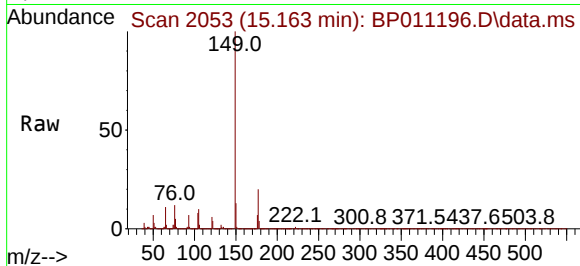
Tgt Ion:232 Resp: 264013
Ion Ratio Lower Upper
232 100
131 60.2 35.8 53.8#
130 3.1 1.8 2.8#
166 36.8 23.7 35.5#



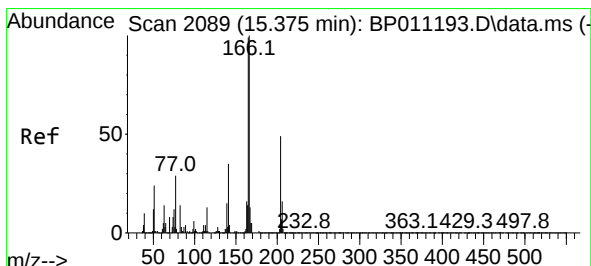
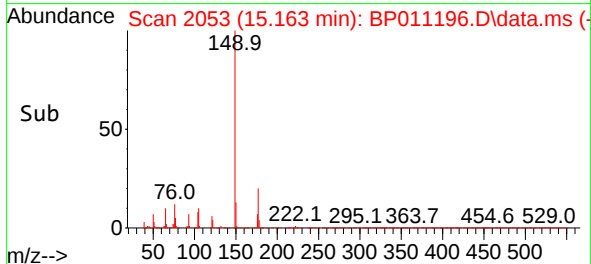
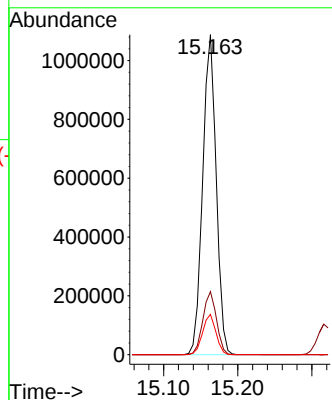


#59
Diethylphthalate
Concen: 41.342 ng/ul
RT: 15.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Instrument :
BNA_P
ClientSampleId :

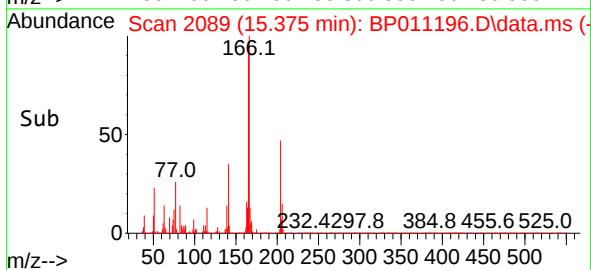
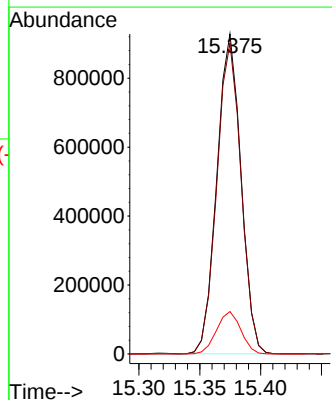
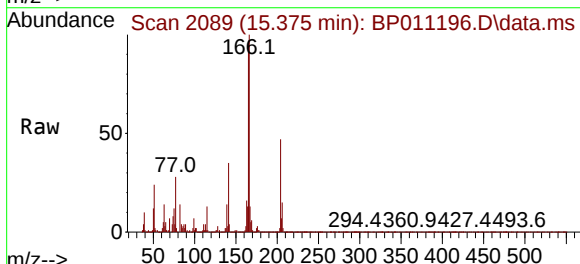


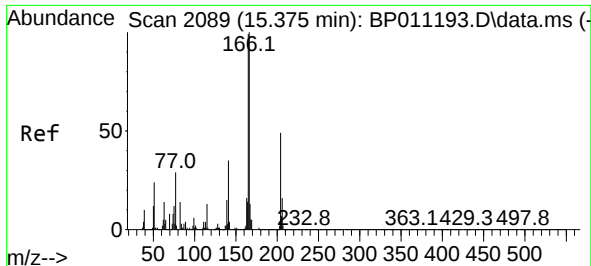
Tgt Ion:149 Resp: 1377000
Ion Ratio Lower Upper
149 100
177 19.7 17.6 26.4
150 12.6 10.3 15.5



#61
Fluorene
Concen: 39.886 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:166 Resp: 1279209
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.2
167 13.3 10.8 16.2

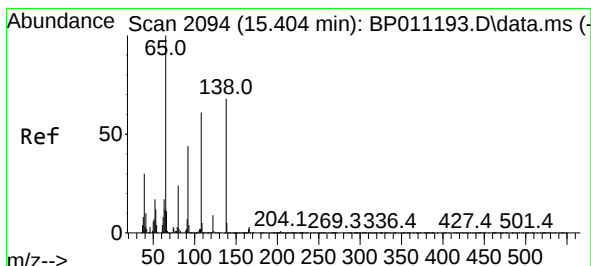
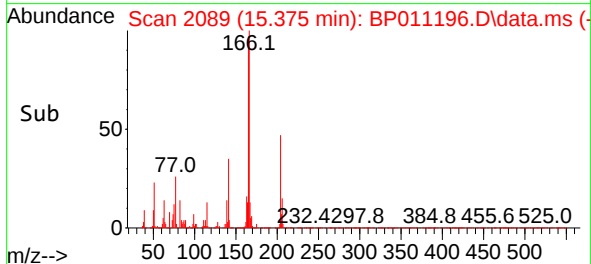
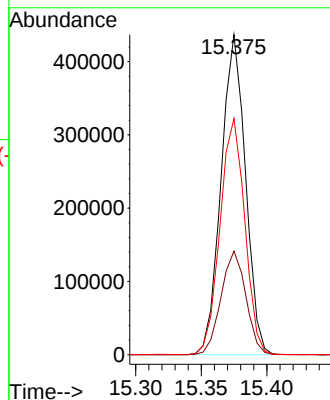
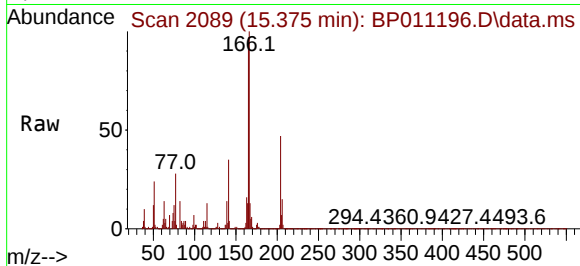




#62
4-Chlorophenyl-phenylether
Concen: 38.661 ng/ul
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

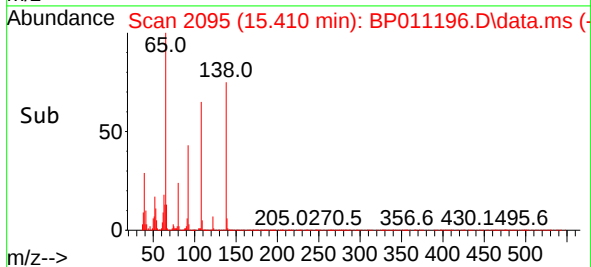
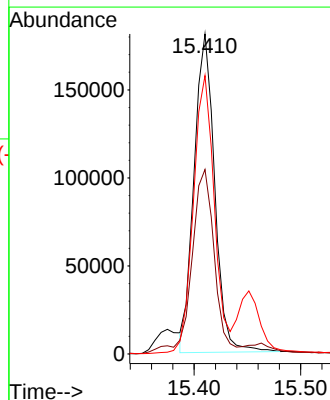
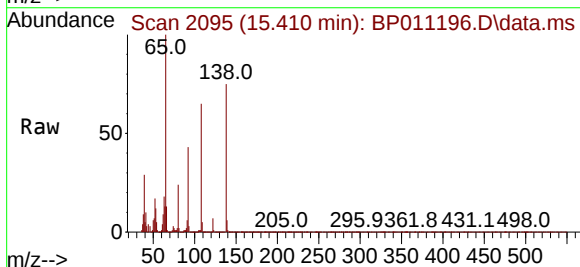
Instrument :
BNA_P
ClientSampleId :

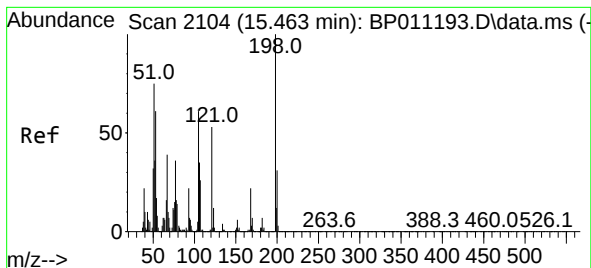
Tgt Ion:204 Resp: 564323
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 73.8 49.3 73.9



#63
4-Nitroaniline
Concen: 45.594 ng/ul
RT: 15.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:138 Resp: 243774
Ion Ratio Lower Upper
138 100
92 57.7 46.2 69.2
108 87.0 85.8 128.8

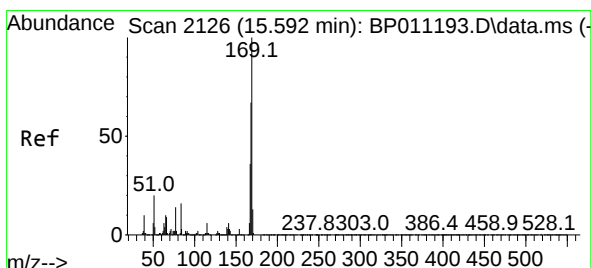
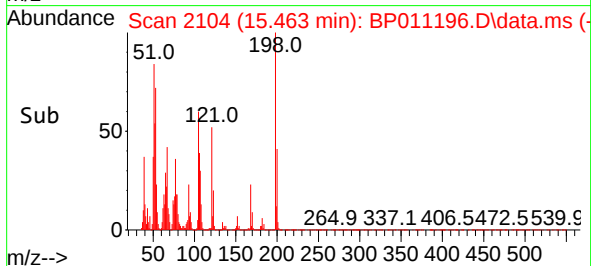
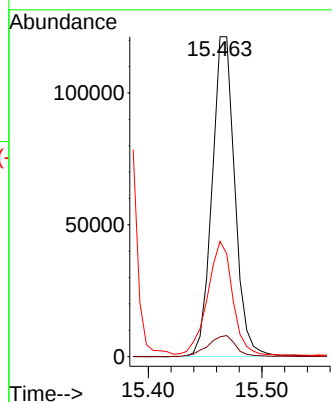
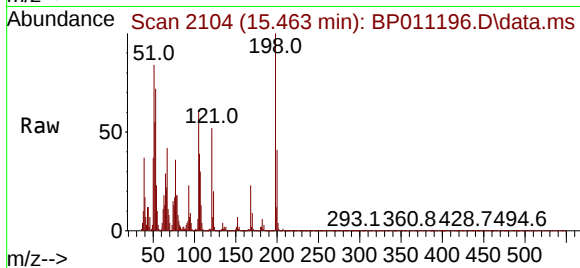




#66
 4,6-Dinitro-2-methylphenol
 Concen: 39.515 ng/ul
 RT: 15.463 min Scan# 2104
 Delta R.T. 0.006 min
 Lab File: BP011196.D
 Acq: 01 Aug 2022 13:02

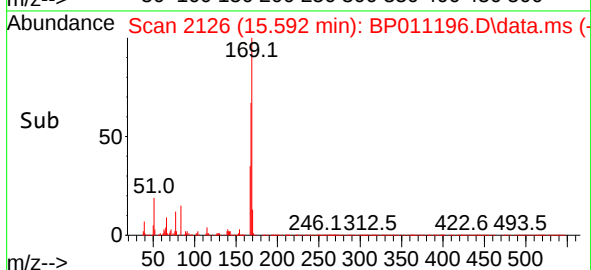
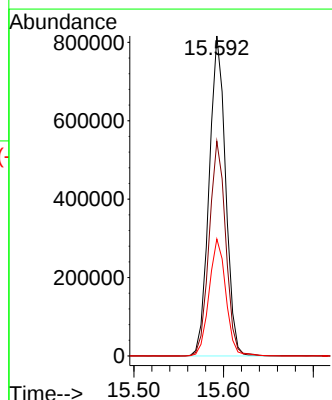
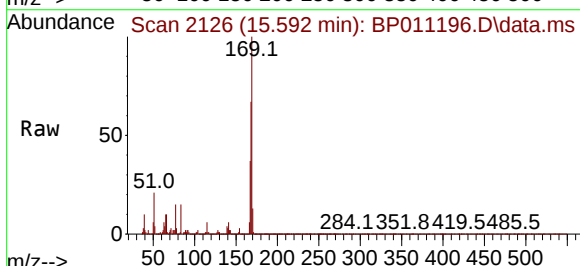
Instrument :
 BNA_P
 ClientSampleId :

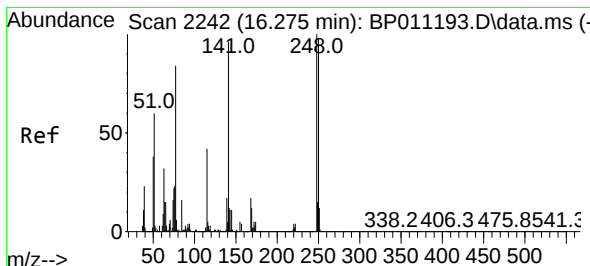
Tgt Ion:198 Resp: 168647
 Ion Ratio Lower Upper
 198 100
 182 6.2 4.3 6.5
 77 36.1 23.7 35.5#



#67
 N-Nitrosodiphenylamine
 Concen: 40.501 ng/ul
 RT: 15.592 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BP011196.D
 Acq: 01 Aug 2022 13:02

Tgt Ion:169 Resp: 1037581
 Ion Ratio Lower Upper
 169 100
 168 67.1 52.6 78.8
 167 36.6 27.8 41.6

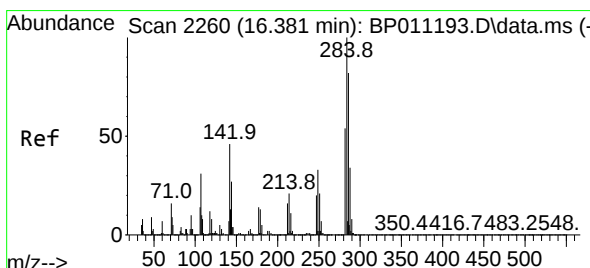
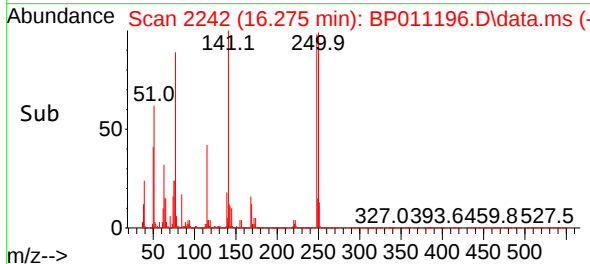
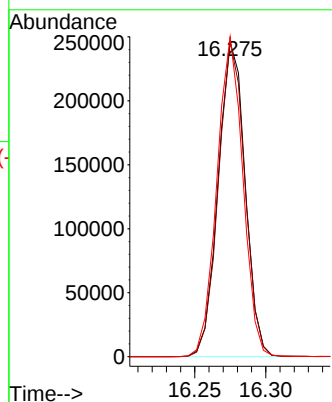
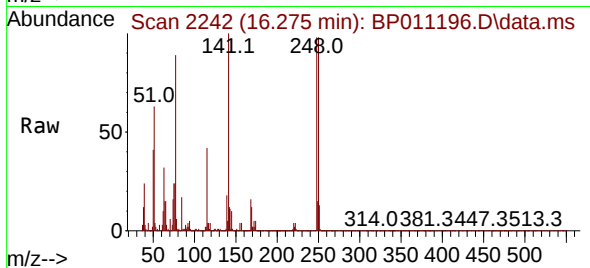




#68
4-Bromophenyl-phenylether
Concen: 40.519 ng/ul
RT: 16.275 min Scan# 2242
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

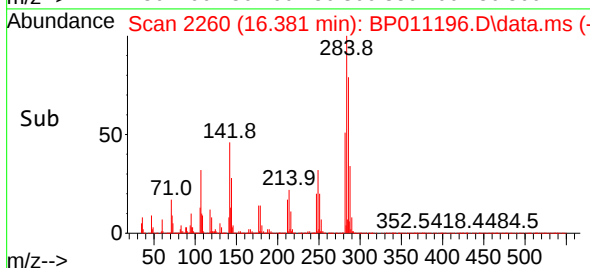
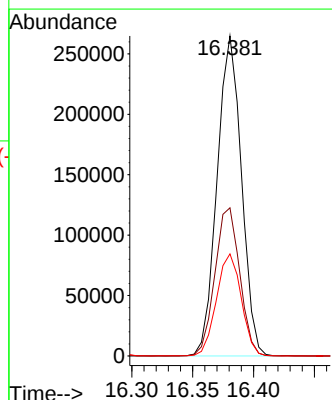
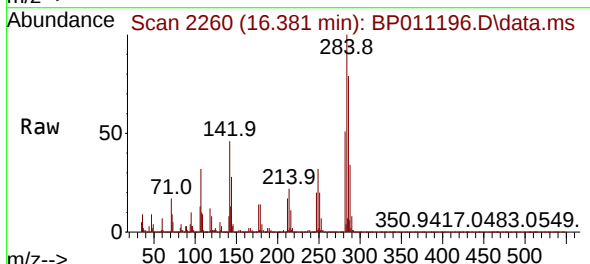
Instrument :
BNA_P
ClientSampleId :

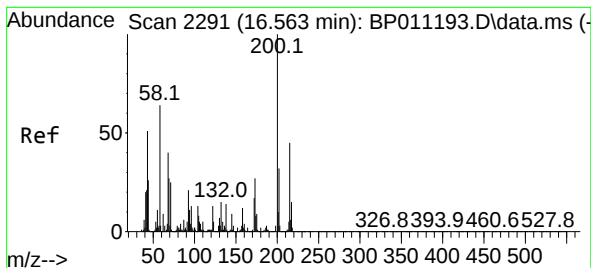
Tgt Ion:248 Resp: 324133
Ion Ratio Lower Upper
248 100
250 100.1 80.8 121.2
141 101.6 63.9 95.9#



#69
Hexachlorobenzene
Concen: 40.254 ng/ul
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:284 Resp: 368368
Ion Ratio Lower Upper
284 100
142 46.3 27.8 41.6#
249 31.9 25.4 38.2





#70

Atrazine

Concen: 36.139 ng/ul

RT: 16.563 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

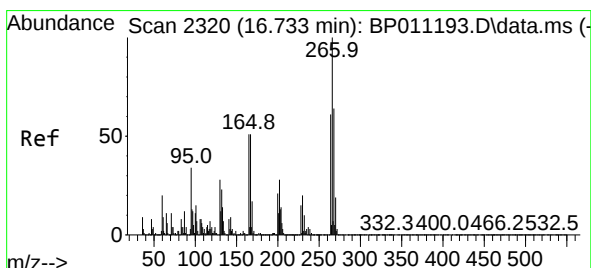
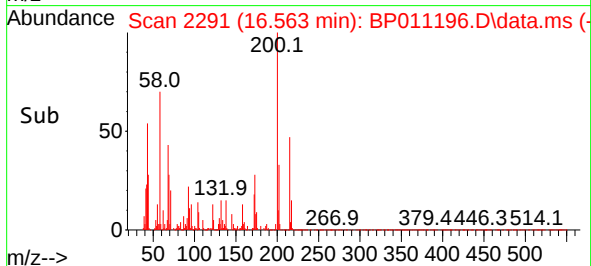
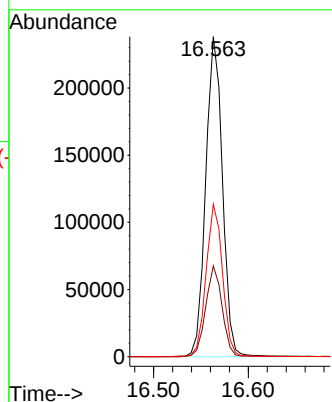
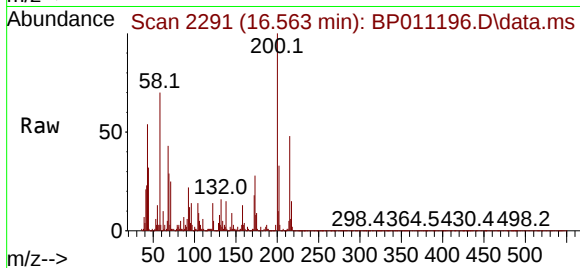
Tgt Ion:200 Resp: 291149

Ion Ratio Lower Upper

200 100

173 28.4 20.7 31.1

215 47.6 38.6 57.8



#71

Pentachlorophenol

Concen: 38.566 ng/ul

RT: 16.734 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

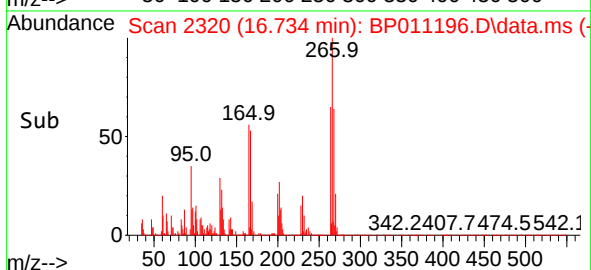
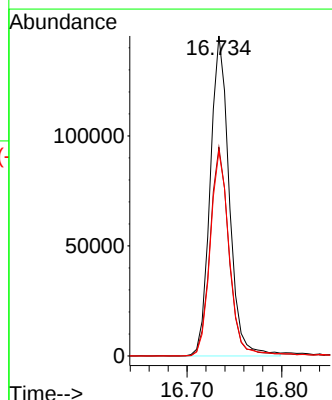
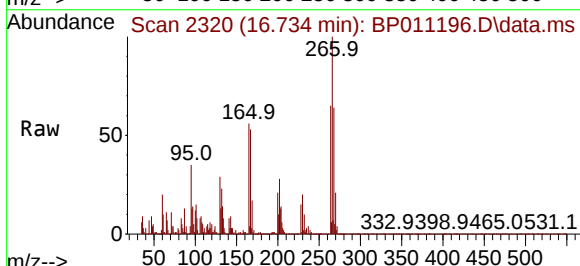
Tgt Ion:266 Resp: 202626

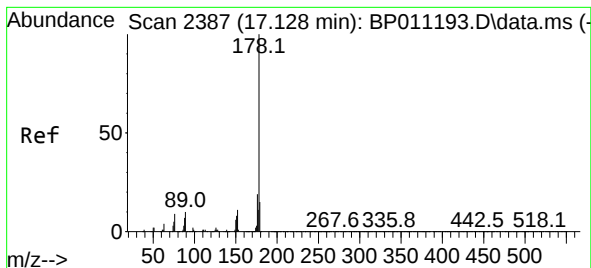
Ion Ratio Lower Upper

266 100

264 65.2 51.4 77.2

268 63.9 53.5 80.3





#72

Phenanthrene

Concen: 41.009 ng/ul

RT: 17.128 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

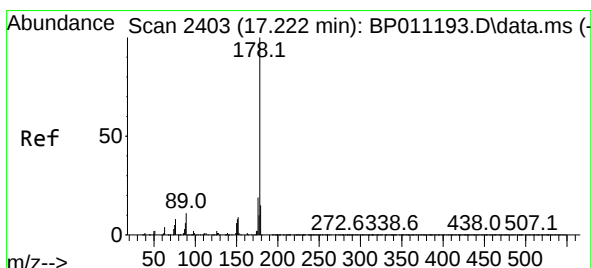
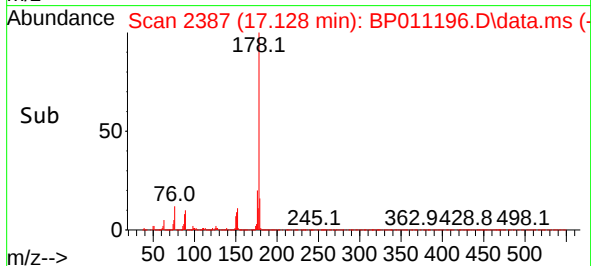
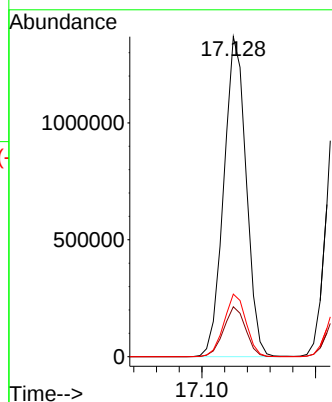
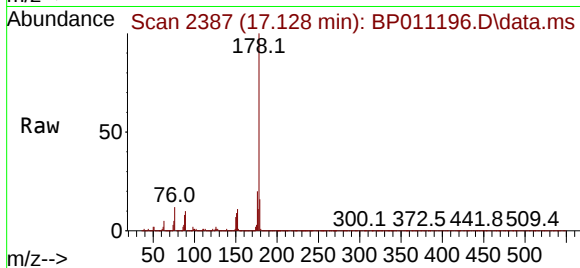
Tgt Ion:178 Resp: 1870969

Ion Ratio Lower Upper

178 100

179 15.6 12.7 19.1

176 19.6 14.6 22.0



#74

Anthracene

Concen: 41.672 ng/ul

RT: 17.222 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

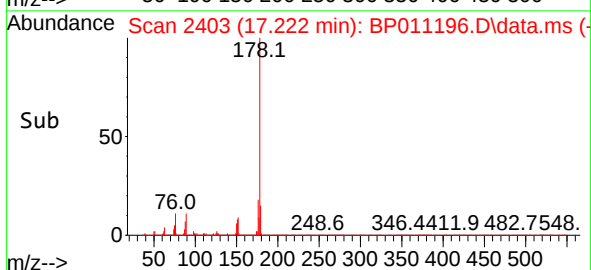
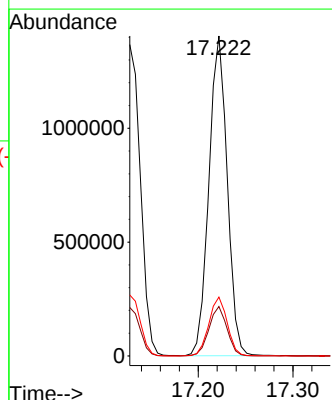
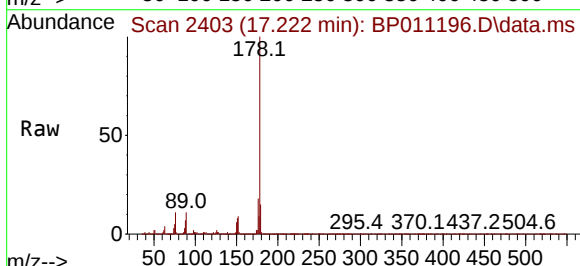
Tgt Ion:178 Resp: 1880899

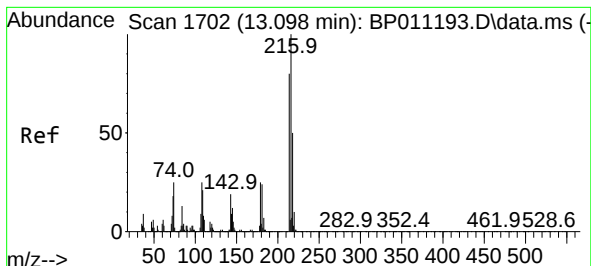
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.4 14.5 21.7

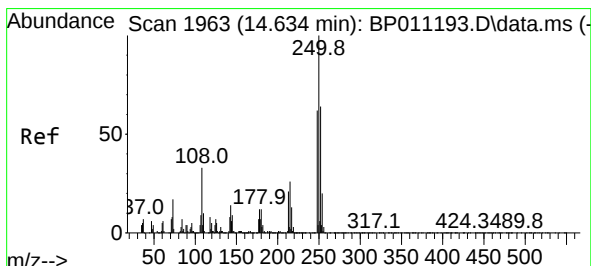
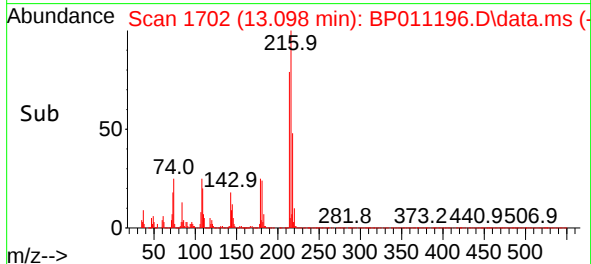
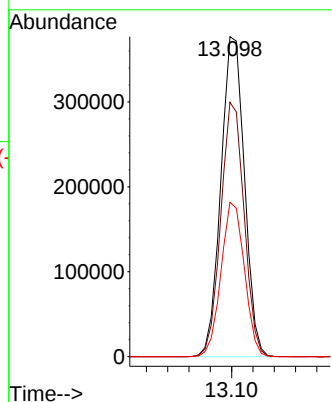
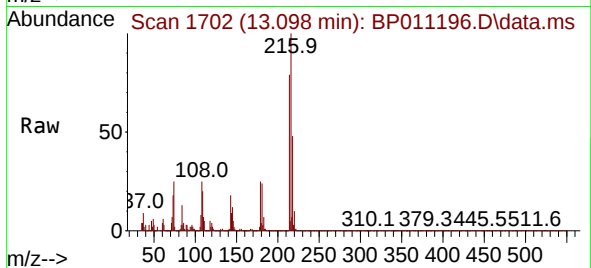




#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.268 ng/uL
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

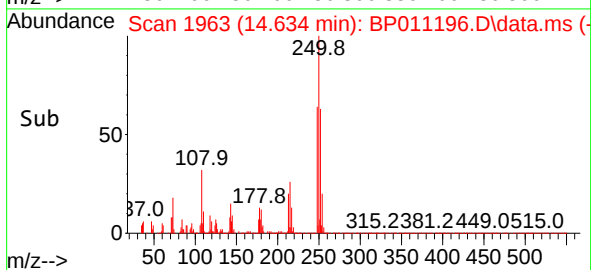
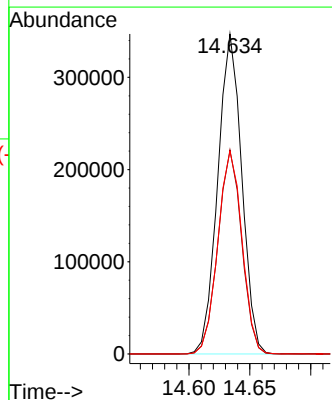
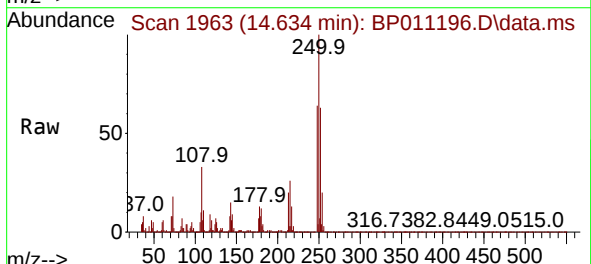
Instrument :
BNA_P
ClientSampleId :

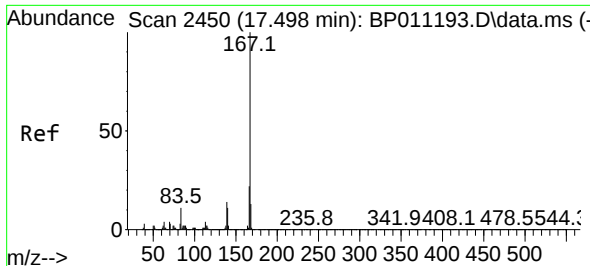
Tgt Ion:216 Resp: 578707
Ion Ratio Lower Upper
216 100
214 79.5 65.0 97.4
218 48.3 39.1 58.7



#76
Pentachlorobenzene
Concen: 40.225 ng/uL
RT: 14.634 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

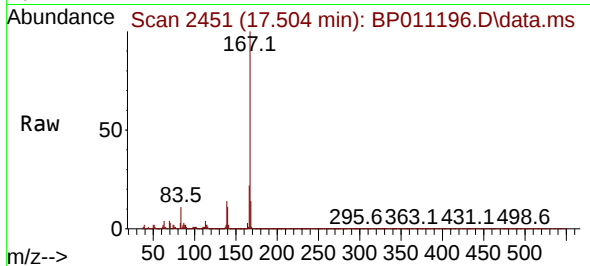
Tgt Ion:250 Resp: 476458
Ion Ratio Lower Upper
250 100
248 63.7 49.8 74.6
252 63.3 51.2 76.8



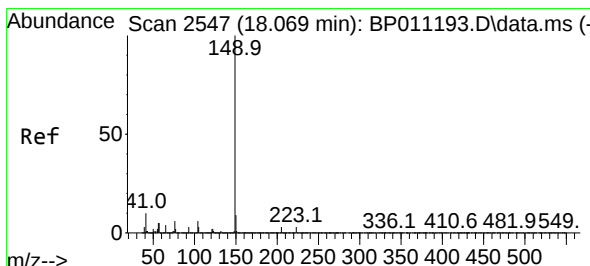
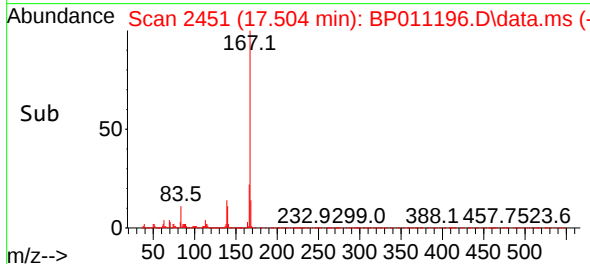
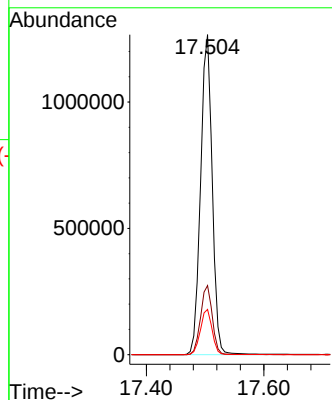


#77
 Carbazole
 Concen: 43.419 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BP011196.D
 Acq: 01 Aug 2022 13:02

Instrument :
 BNA_P
 ClientSampleId :

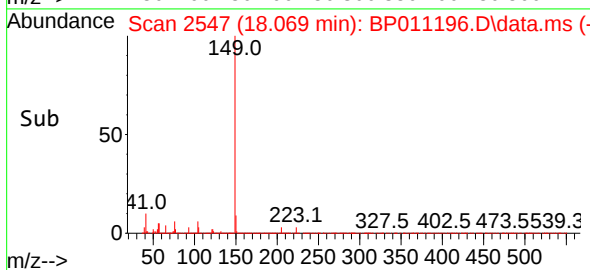
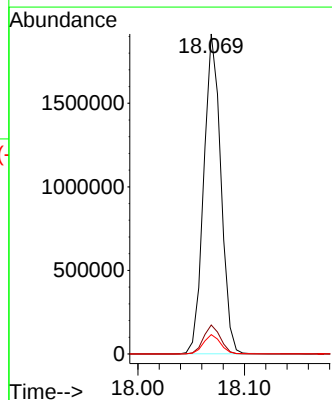
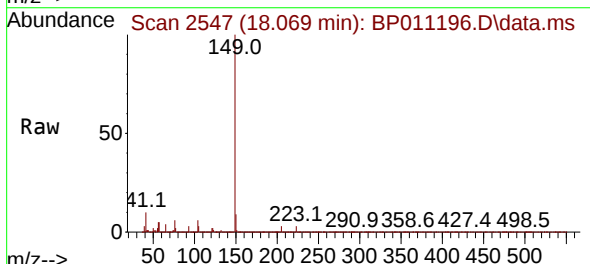


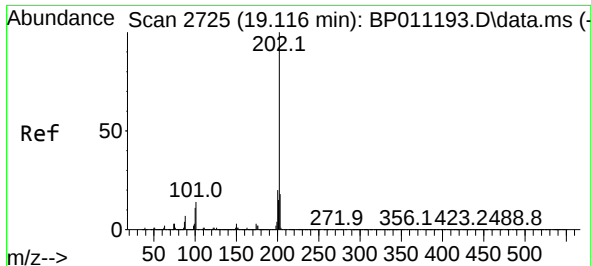
Tgt Ion:167 Resp: 1736248
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 14.2 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 44.717 ng/ul
 RT: 18.069 min Scan# 2547
 Delta R.T. 0.000 min
 Lab File: BP011196.D
 Acq: 01 Aug 2022 13:02

Tgt Ion:149 Resp: 2138353
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 6.0 4.6 6.8

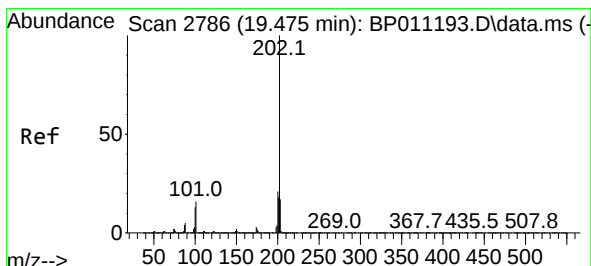
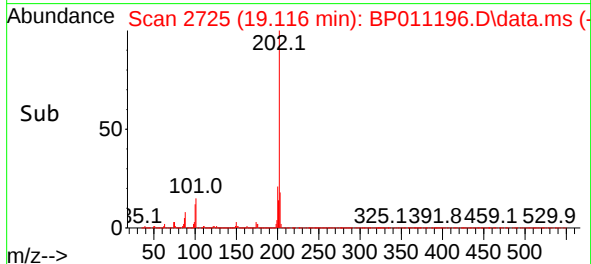
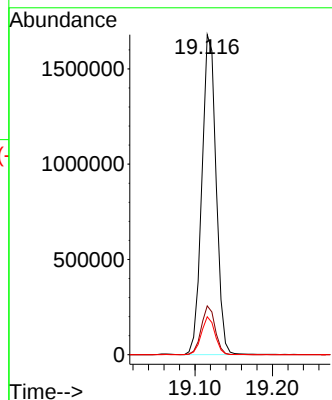
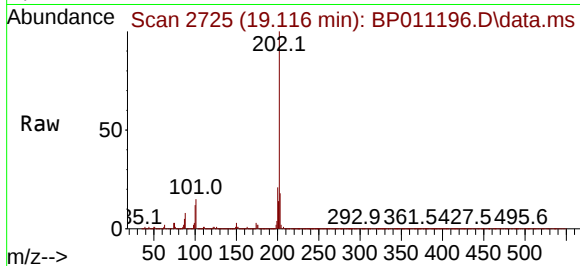




#80
Fluoranthene
Concen: 37.805 ng/u1
RT: 19.116 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

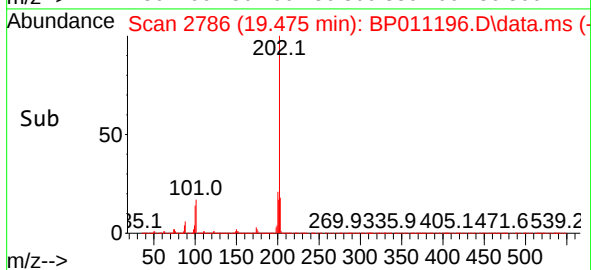
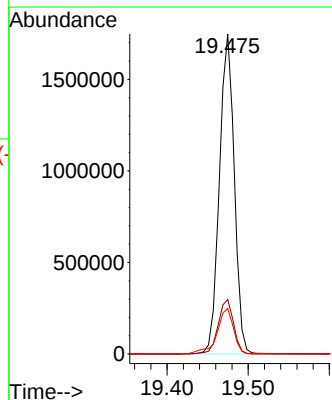
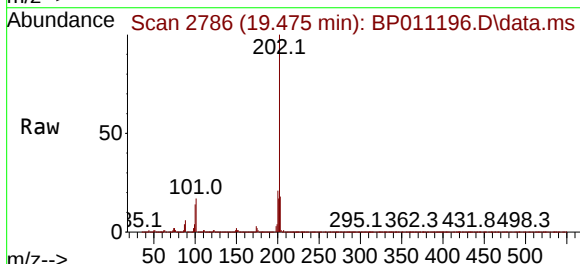
Instrument :
BNA_P
ClientSampleId :

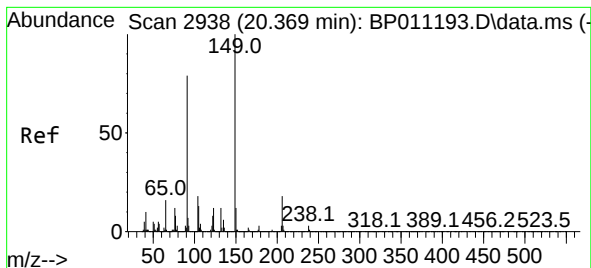
Tgt Ion:202 Resp: 2142021
Ion Ratio Lower Upper
202 100
101 15.3 7.1 10.7#
100 11.8 5.7 8.5#



#82
Pyrene
Concen: 38.298 ng/u1
RT: 19.475 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:202 Resp: 2229810
Ion Ratio Lower Upper
202 100
101 17.0 7.9 11.9#
100 14.2 6.7 10.1#





#83

Butylbenzylphthalate

Concen: 42.339 ng/ul

RT: 20.369 min Scan# 2938

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

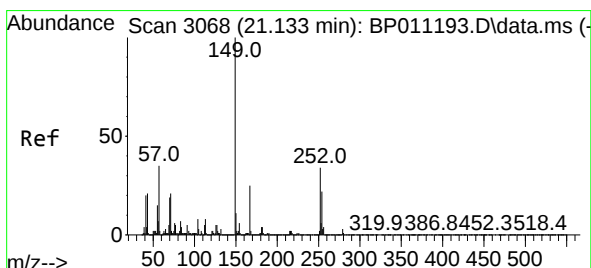
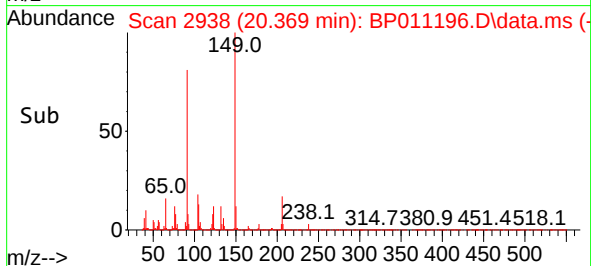
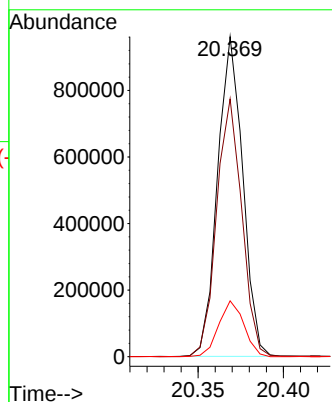
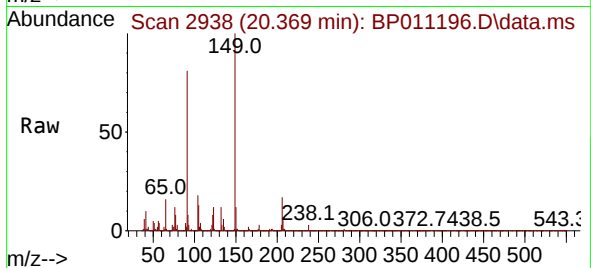
Tgt Ion:149 Resp: 987114

Ion Ratio Lower Upper

149 100

91 80.6 60.0 90.0

206 17.4 17.4 26.2#



#84

3,3'-Dichlorobenzidine

Concen: 47.659 ng/ul

RT: 21.139 min Scan# 3069

Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

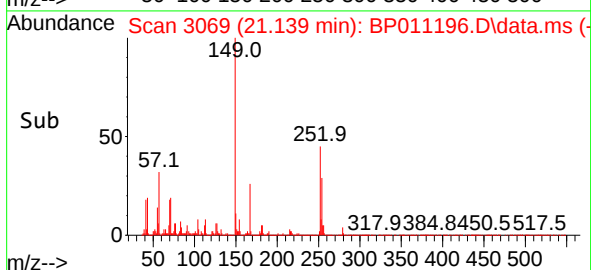
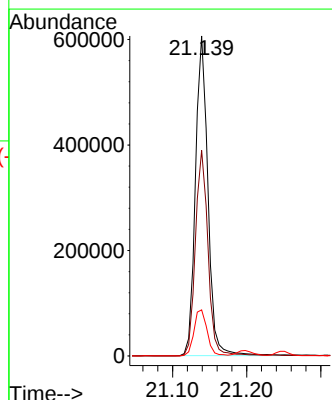
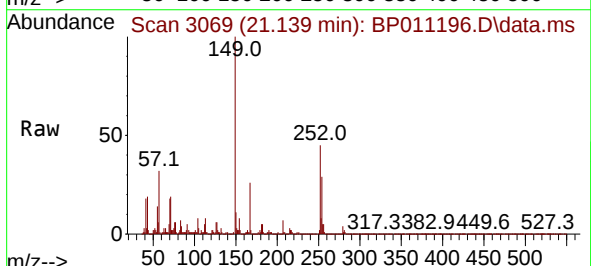
Tgt Ion:252 Resp: 709590

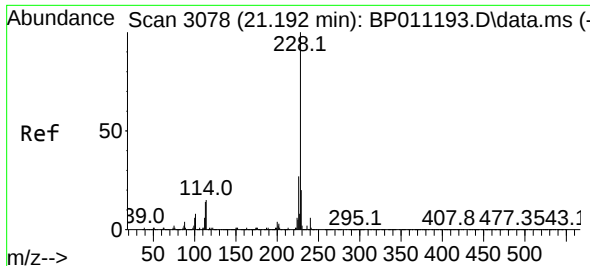
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.4

126 14.4 8.6 12.8#

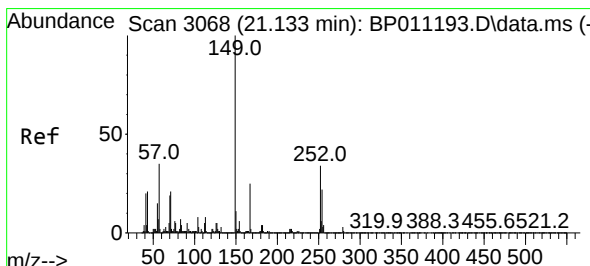
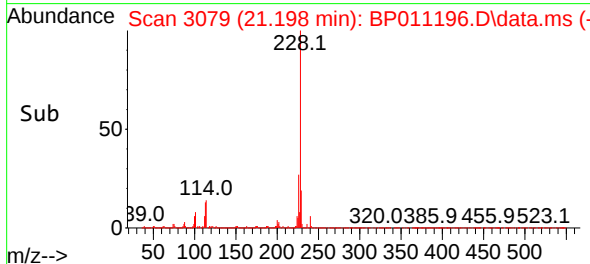
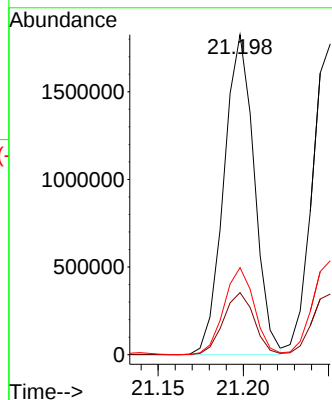
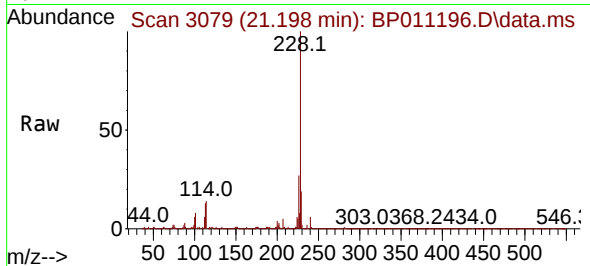




#85
Benzo(a)anthracene
Concen: 42.560 ng/ul
RT: 21.198 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

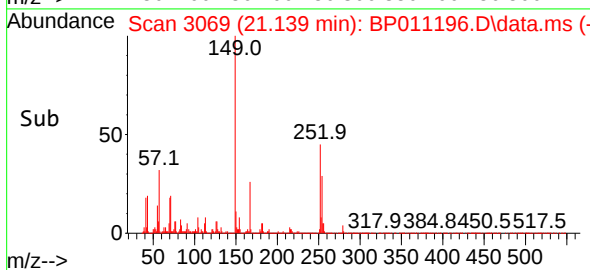
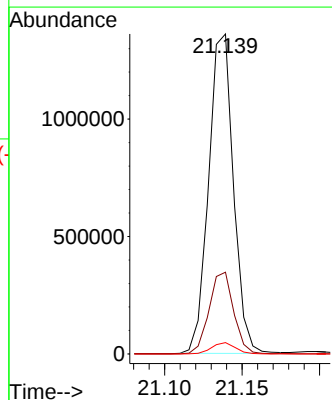
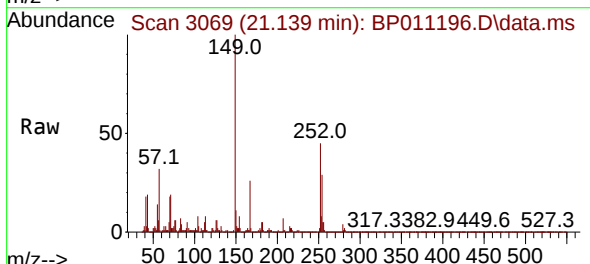
Instrument :
BNA_P
ClientSampleId :

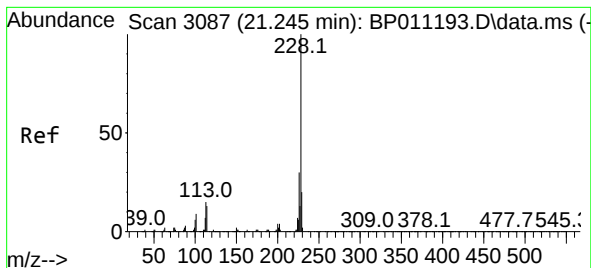
Tgt Ion:228 Resp: 2258387
Ion Ratio Lower Upper
228 100
229 19.4 15.0 22.4
226 27.2 20.6 31.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 42.970 ng/ul
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:149 Resp: 1514089
Ion Ratio Lower Upper
149 100
167 25.6 22.6 33.8
279 3.6 4.2 6.4#





#87

Chrysene

Concen: 41.451 ng/ul

RT: 21.251 min Scan# 3088

Delta R.T. 0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

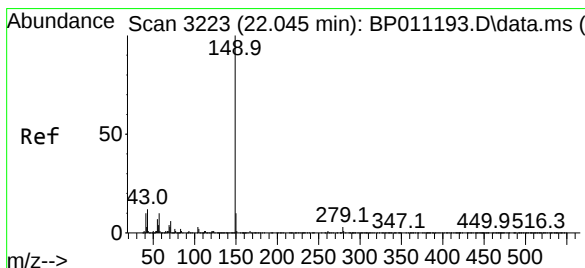
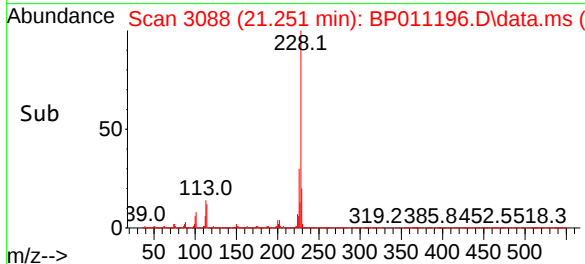
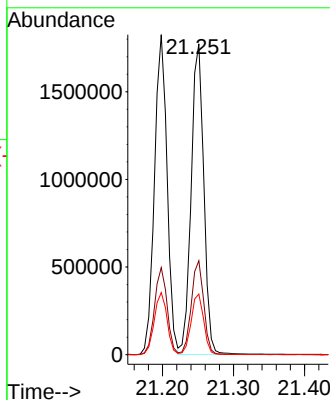
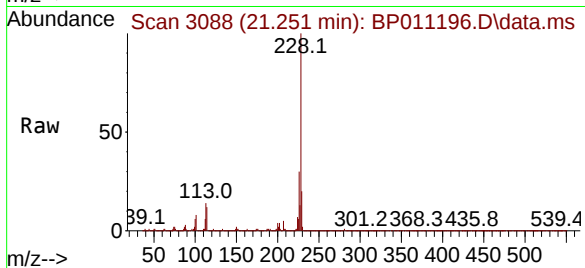
Tgt Ion:228 Resp: 2186603

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 43.674 ng/ul

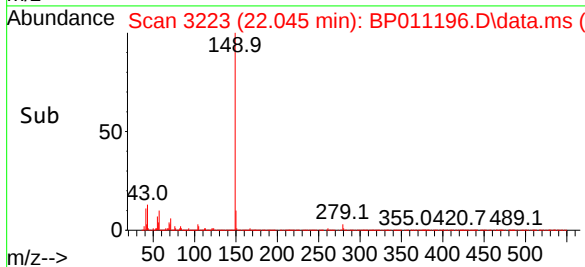
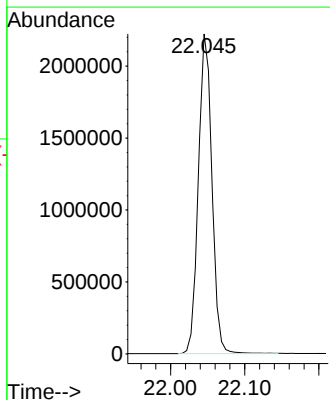
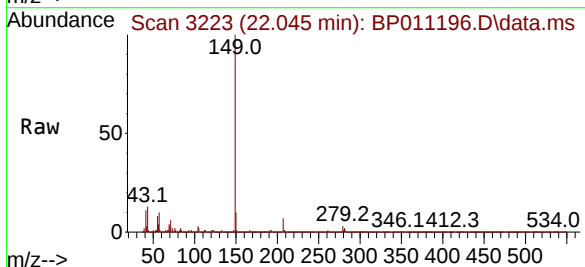
RT: 22.045 min Scan# 3223

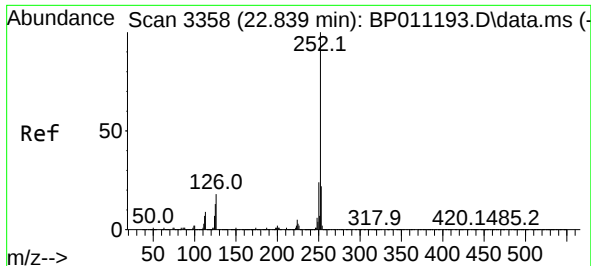
Delta R.T. 0.000 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Tgt Ion:149 Resp: 2815360

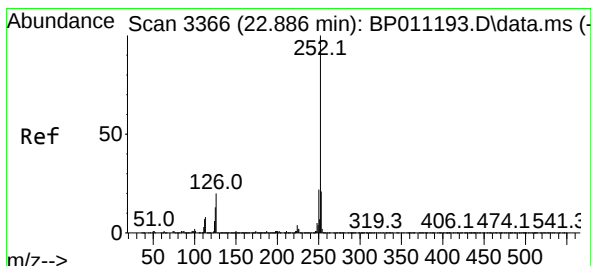
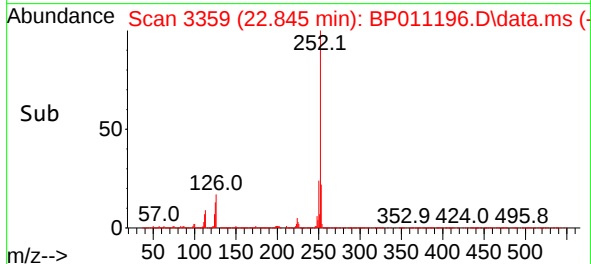
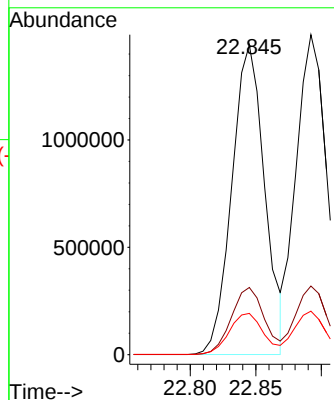
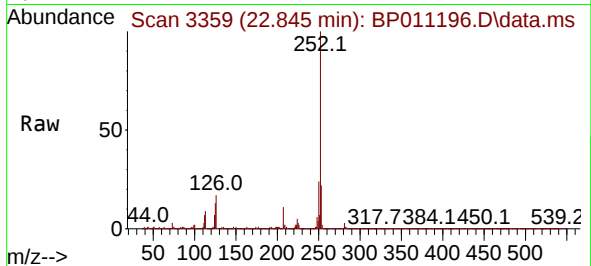




#90
Benzo(b)fluoranthene
Concen: 42.543 ng/ul
RT: 22.845 min Scan# 3358
Delta R.T. 0.006 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

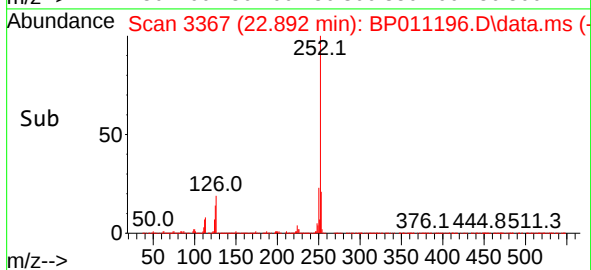
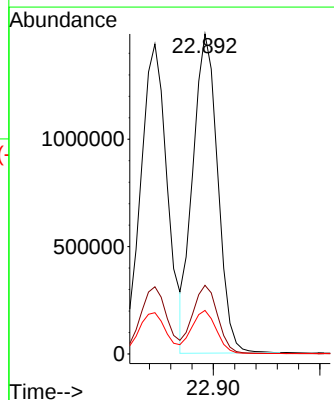
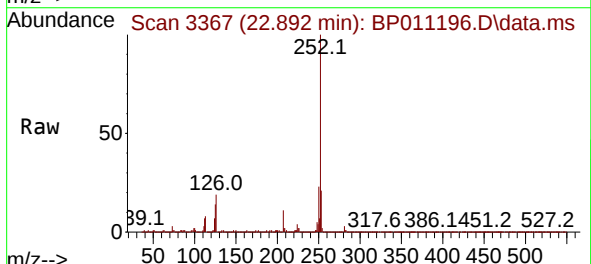
Instrument :
BNA_P
ClientSampleId :

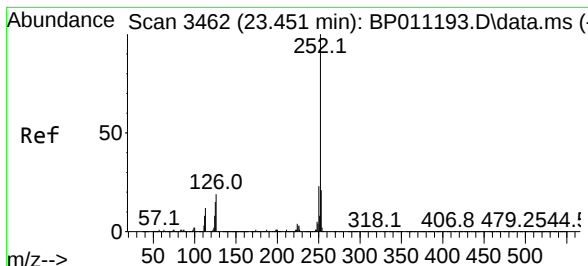
Tgt Ion:252 Resp: 2515475
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 13.3 6.2 9.2#



#91
Benzo(k)fluoranthene
Concen: 43.015 ng/ul
RT: 22.892 min Scan# 3367
Delta R.T. 0.000 min
Lab File: BP011196.D
Acq: 01 Aug 2022 13:02

Tgt Ion:252 Resp: 2413827
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 13.6 6.2 9.4#





#93

Benzo(a)pyrene

Concen: 38.460 ng/ul

RT: 23.457 min Scan# 3462

Delta R.T. 0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

Instrument :

BNA_P

ClientSampleId :

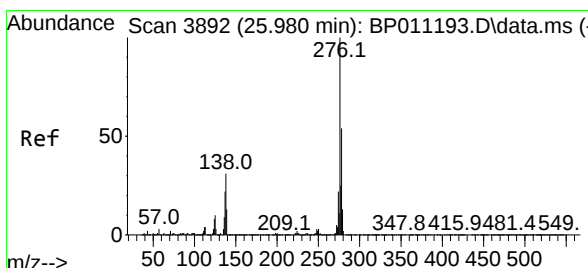
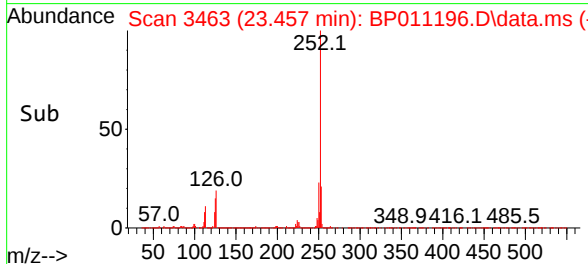
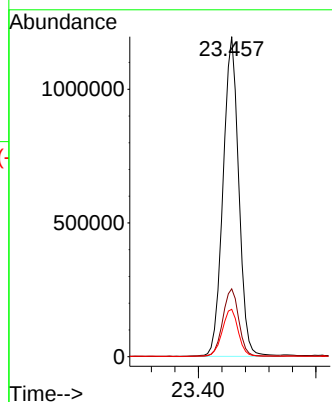
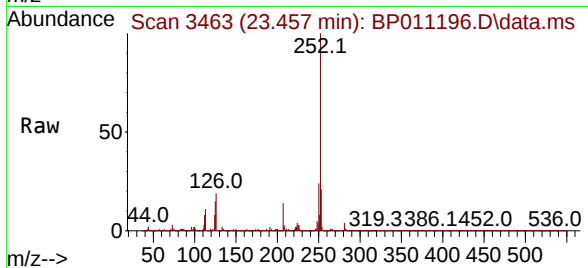
Tgt Ion:252 Resp: 2218144

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 14.8 6.6 10.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 42.267 ng/ul

RT: 25.986 min Scan# 3893

Delta R.T. 0.006 min

Lab File: BP011196.D

Acq: 01 Aug 2022 13:02

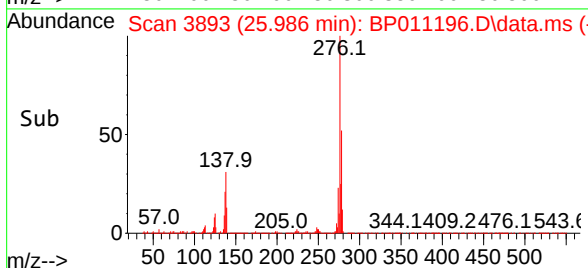
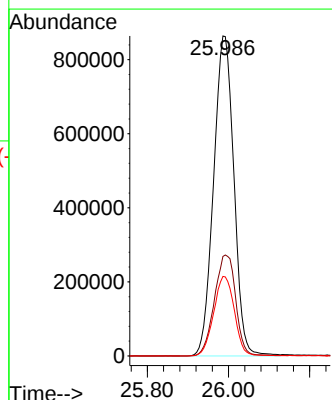
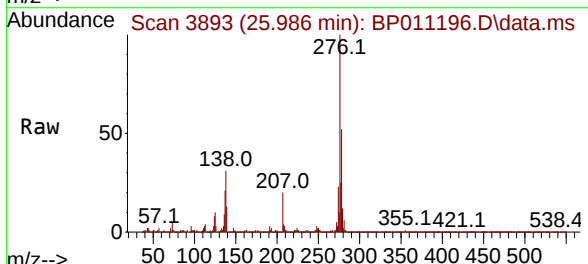
Tgt Ion:276 Resp: 3003233

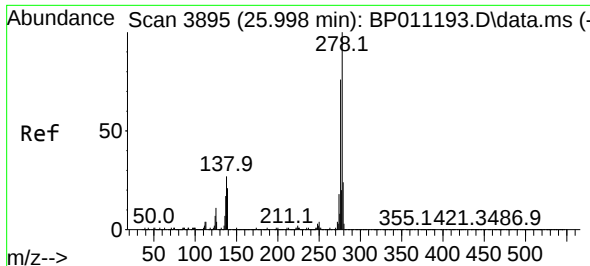
Ion Ratio Lower Upper

276 100

138 31.1 14.6 22.0#

277 24.9 19.6 29.4

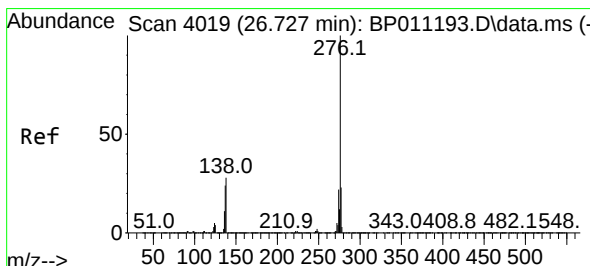
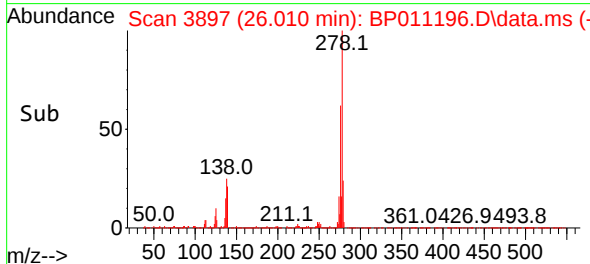
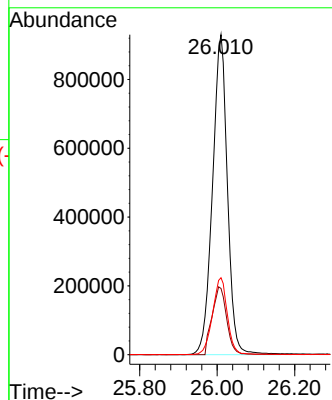
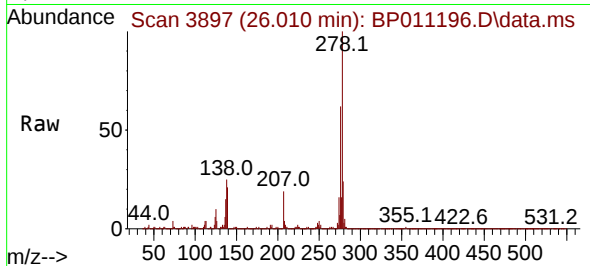




#95
 Dibenzo(a,h)anthracene
 Concen: 40.788 ng/ul
 RT: 26.010 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP011196.D
 Acq: 01 Aug 2022 13:02

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 2485732
 Ion Ratio Lower Upper
 278 100
 139 20.7 9.4 14.2#
 279 24.1 18.9 28.3



#96
 Benzo(g,h,i)perylene
 Concen: 40.309 ng/ul
 RT: 26.733 min Scan# 4020
 Delta R.T. 0.012 min
 Lab File: BP011196.D
 Acq: 01 Aug 2022 13:02

Tgt Ion:276 Resp: 2477120
 Ion Ratio Lower Upper
 276 100
 138 28.2 12.7 19.1#
 277 23.9 18.2 27.4

