

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
 Data File : BP011492.D
 Acq On : 18 Aug 2022 20:57
 Operator : CG/JU
 Sample : PB147077BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 23:20:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	87573	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	364523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	210621	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	413521	20.000	ng/u1	0.00
79) Chrysene-d12	21.128	240	410195	20.000	ng/u1	0.00
88) Perylene-d12	23.422	264	428691	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	18485	6.550	ng/uL	0.00
4) Pyridine-d5	3.481	84	233659	32.340	ng/u1	0.00
7) Phenol-d5	6.740	99	273128	33.939	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	174690	33.412	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	216154	36.519	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	211439	32.826	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	102159	38.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	108804	40.738	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	185084	37.542	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	267329	32.574	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	552599	37.095	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	630192	38.062	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	111431	38.824	ng/u1	0.00
60) Fluorene-d10	15.234	176	455877	36.375	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	88843	39.760	ng/u1	0.00
73) Anthracene-d10	17.098	188	718882	39.252	ng/u1	0.00
81) Pyrene-d10	19.363	212	808772	38.970	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.275	264	836193	40.099	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	37945	12.895	ng/uL	98
5) Pyridine	3.499	79	220728	30.606	ng/u1	99
6) Benzaldehyde	6.711	77	112928	30.577	ng/u1	99
8) Phenol	6.769	94	264300	31.959	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.999	93	202919	31.455	ng/u1	98
12) 2-Chlorophenol	7.122	128	217790	34.194	ng/u1	97
13) 2-Methylphenol	8.011	108	194365	31.903	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.087	45	173507	18.155	ng/u1	99
16) Acetophenone	8.387	105	326025	30.426	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.381	70	171027	32.088	ng/u1	96
18) 4-Methylphenol	8.346	108	211631	31.376	ng/u1	99
19) Hexachloroethane	8.622	117	99359	34.391	ng/u1	98
22) Nitrobenzene	8.764	77	266997	36.094	ng/u1	96
23) Isophorone	9.293	82	452988	34.886	ng/u1	99
25) 2-Nitrophenol	9.469	139	115322	37.844	ng/u1	95
26) 2,4-Dimethylphenol	9.540	107	252254	34.864	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.781	93	267772	34.117	ng/u1	97
29) 2,4-Dichlorophenol	9.999	162	181880	36.048	ng/u1	99
30) Naphthalene	10.393	128	655469	34.056	ng/u1	99
32) 4-Chloroaniline	10.522	127	194673	22.895	ng/u1	95
33) Hexachlorobutadiene	10.675	225	115123	35.842	ng/u1	95
34) Caprolactam	11.322	113	38320	20.946	ng/u1	97
35) 4-Chloro-3-methylphenol	11.663	107	226936	35.575	ng/u1	97
36) 2-Methylnaphthalene	12.022	142	422488	33.739	ng/u1	98

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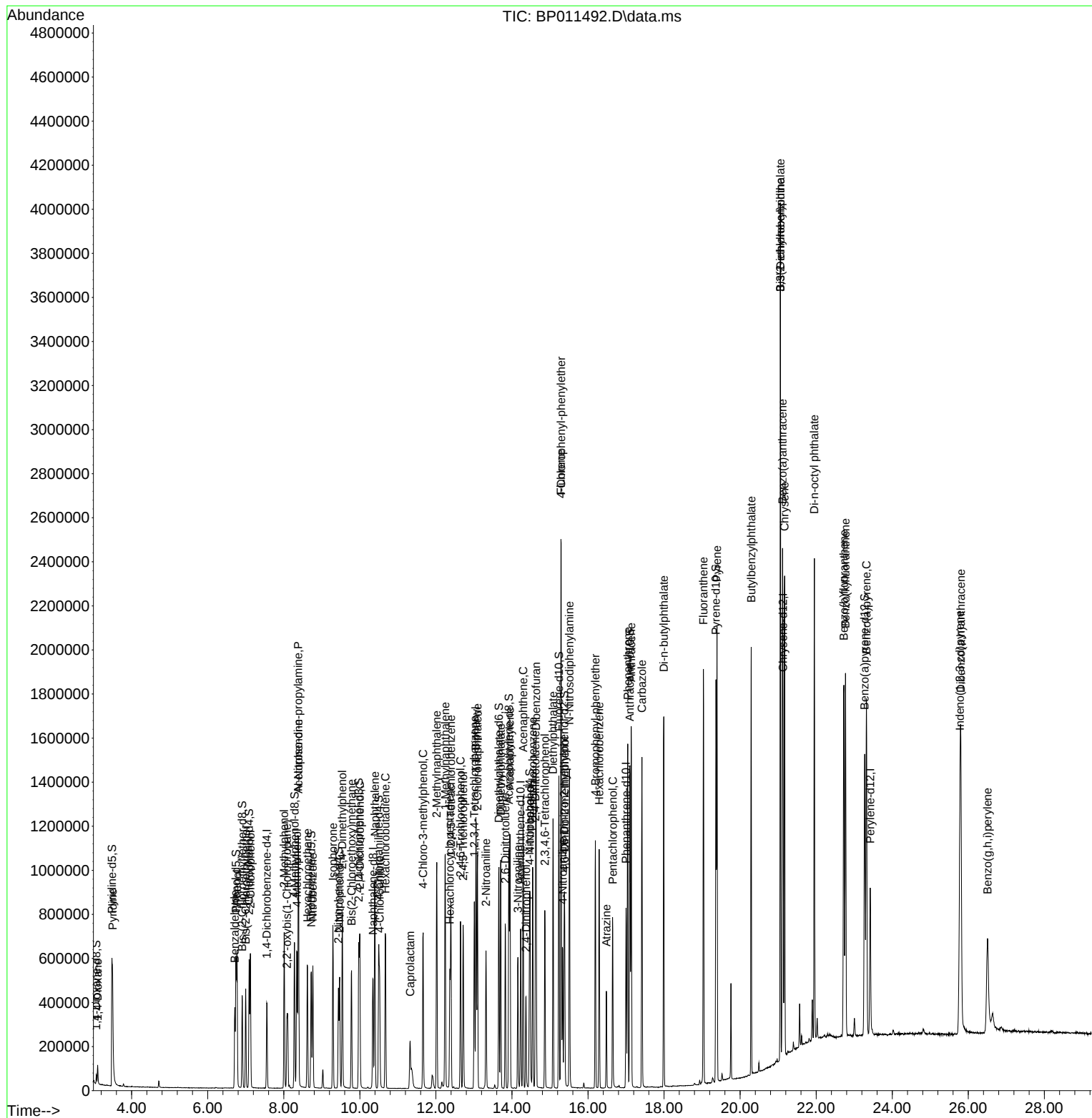
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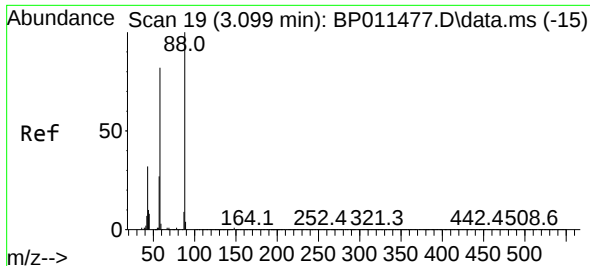
Quant Time: Aug 18 23:20:12 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.246	142	425668	33.516	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.393	216	190954	35.720	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	104270	31.439	ng/ul	99
41) 2,4,6-Trichlorophenol	12.646	196	125938	36.603	ng/ul	97
42) 2,4,5-Trichlorophenol	12.716	196	140153	36.593	ng/ul	98
43) 1,1'-Biphenyl	13.052	154	546468	34.821	ng/ul	99
44) 2-Chloronaphthalene	13.093	162	415771	35.157	ng/ul	99
45) 2-Nitroaniline	13.316	65	161615	40.041	ng/ul	98
47) Dimethylphthalate	13.704	163	543747	35.316	ng/ul	98
48) 2,6-Dinitrotoluene	13.828	165	109003	39.378	ng/ul	96
50) Acenaphthylene	13.946	152	695642	35.366	ng/ul	98
51) 3-Nitroaniline	14.157	138	116261	38.559	ng/ul	98
52) Acenaphthene	14.293	153	462220	35.084	ng/ul	100
53) 2,4-Dinitrophenol	14.369	184	60178	35.519	ng/ul	96
55) 4-Nitrophenol	14.475	109	128826	37.671	ng/ul	92
56) Dibenzofuran	14.634	168	627215	34.524	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	166215	40.110	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.863	232	109655	36.466	ng/ul	98
59) Diethylphthalate	15.081	149	608684	36.095	ng/ul	99
61) Fluorene	15.287	166	519360	34.943	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.293	204	236107	35.165	ng/ul	99
63) 4-Nitroaniline	15.334	138	115642	39.707	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.387	198	87450	37.835	ng/ul	95
67) N-Nitrosodiphenylamine	15.510	169	448035	36.930	ng/ul	98
68) 4-Bromophenyl-phenylether	16.193	248	136060	36.859	ng/ul	97
69) Hexachlorobenzene	16.293	284	157753	37.081	ng/ul	99
70) Atrazine	16.481	200	60803	13.429	ng/ul	98
71) Pentachlorophenol	16.651	266	92350	35.010	ng/ul	99
72) Phenanthrene	17.045	178	816069	36.460	ng/ul	99
74) Anthracene	17.134	178	838682	37.141	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	188387	35.440	ng/uL	97
76) Pentachlorobenzene	14.546	250	178392	35.368	ng/uL	98
77) Carbazole	17.416	167	792506	37.313	ng/ul	99
78) Di-n-butylphthalate	17.992	149	1057726	40.440	ng/ul	99
80) Fluoranthene	19.034	202	949103	37.187	ng/ul	99
82) Pyrene	19.392	202	993903	37.062	ng/ul	99
83) Butylbenzylphthalate	20.292	149	496973	41.311	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.057	252	291352	37.519	ng/ul	98
85) Benzo(a)anthracene	21.116	228	950851	38.047	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	734714	41.270	ng/ul	99
87) Chrysene	21.169	228	931062	37.926	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	1268852	36.820	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	1029391	38.602	ng/ul	100
91) Benzo(k)fluoranthene	22.769	252	930917	36.582	ng/ul	98
93) Benzo(a)pyrene	23.322	252	983739	37.786	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.780	276	1093266	37.648	ng/ul	99
95) Dibenzo(a,h)anthracene	25.804	278	967440	38.691	ng/ul	98
96) Benzo(g,h,i)perylene	26.504	276	661124	26.765	ng/ul	99

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

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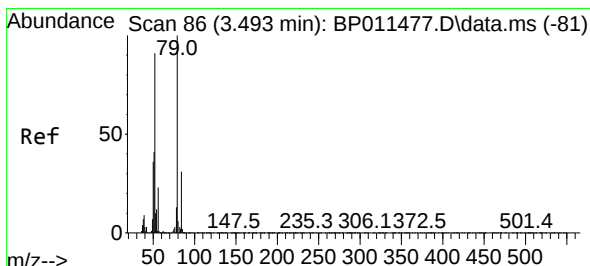
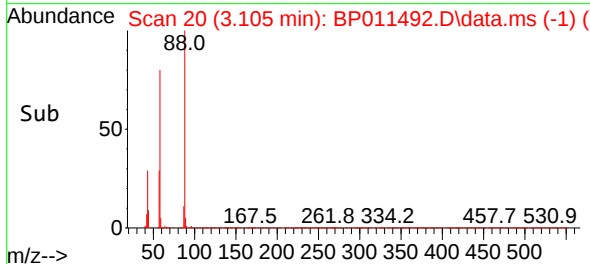
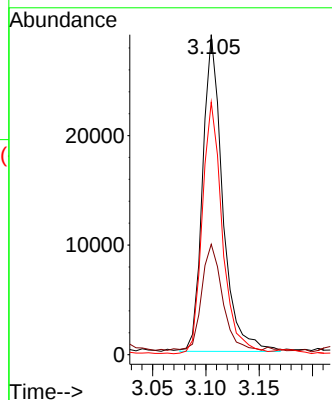
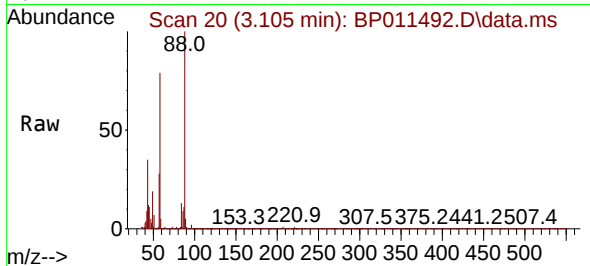




#2
1,4-Dioxane
Concen: 12.895 ng/uL
RT: 3.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP011492.D
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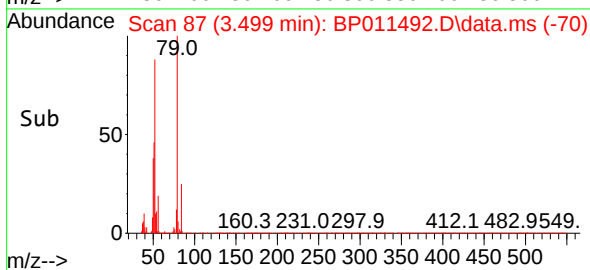
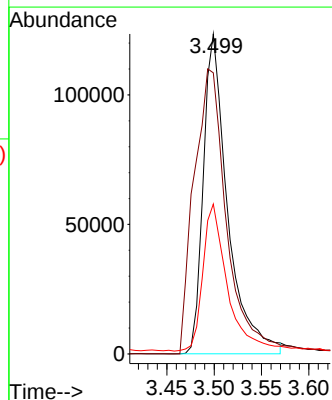
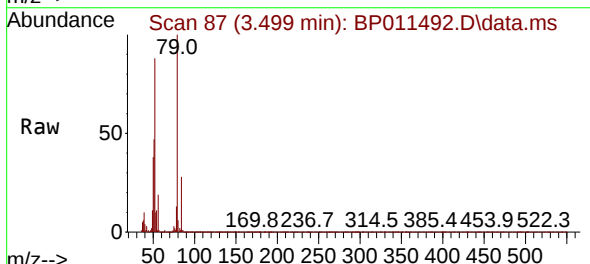
Instrument :
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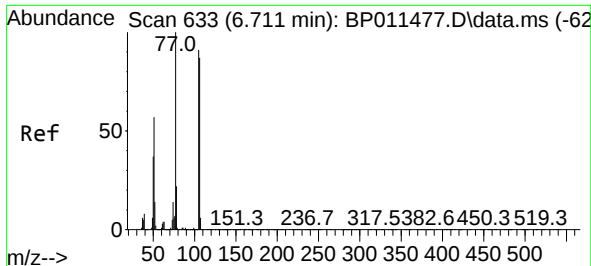
Tgt Ion: 88 Resp: 37945
Ion Ratio Lower Upper
88 100
43 34.5 29.0 43.4
58 78.9 64.7 97.1



#5
Pyridine
Concen: 30.606 ng/uL
RT: 3.499 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion: 79 Resp: 220728
Ion Ratio Lower Upper
79 100
52 87.9 70.2 105.2
51 46.9 36.1 54.1

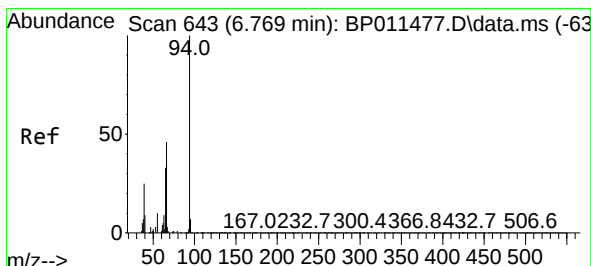
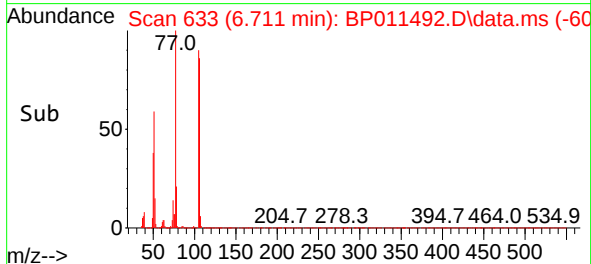
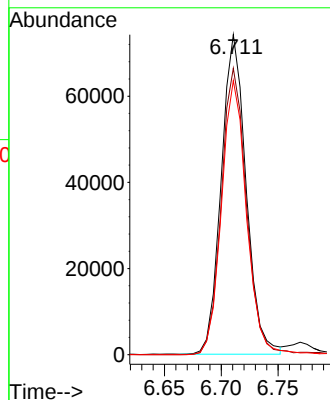
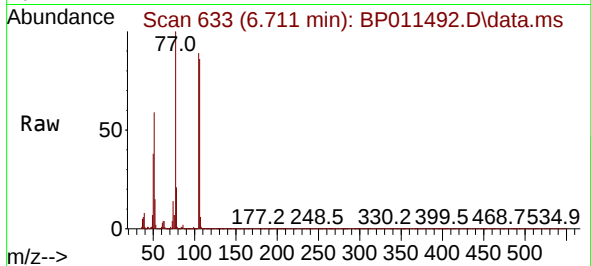




#6
Benzaldehyde
Concen: 30.577 ng/ul
RT: 6.711 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

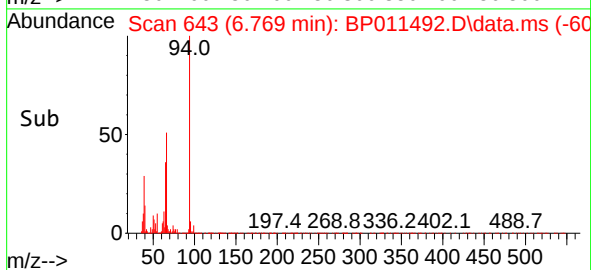
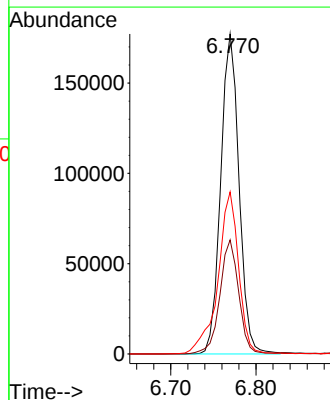
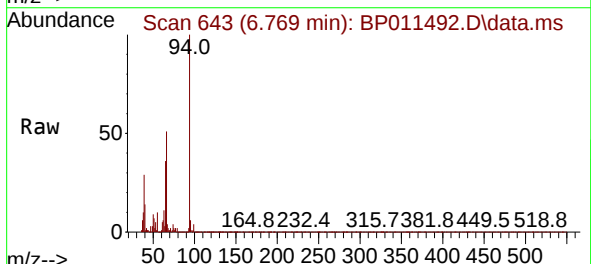
Instrument :
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ClientSampleId :

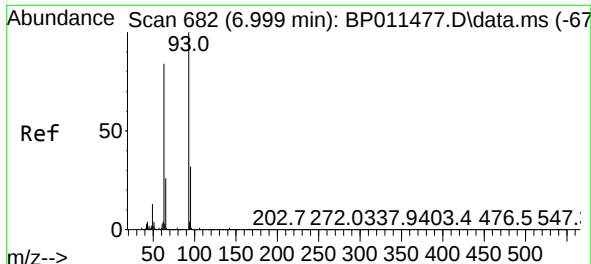
Tgt Ion: 77 Resp: 112928
Ion Ratio Lower Upper
77 100
105 89.5 72.0 108.0
106 85.7 67.4 101.0



#8
Phenol
Concen: 31.959 ng/ul
RT: 6.769 min Scan# 643
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

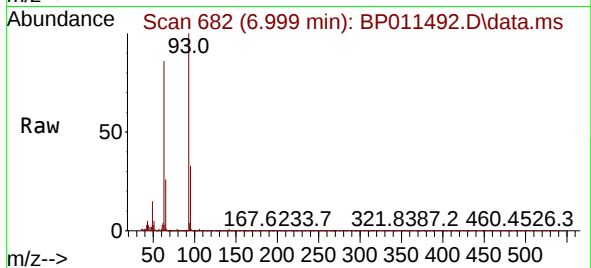
Tgt Ion: 94 Resp: 264300
Ion Ratio Lower Upper
94 100
65 35.6 28.9 43.3
66 50.7 39.4 59.0





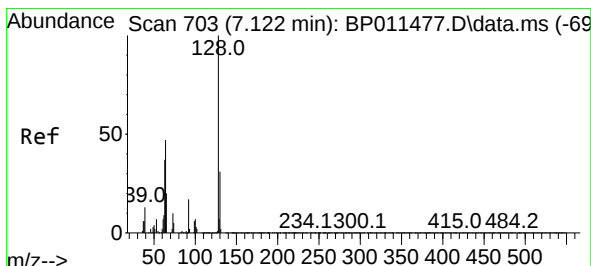
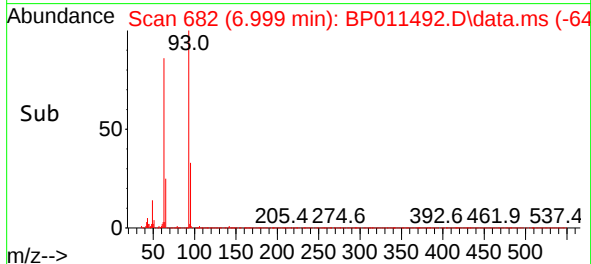
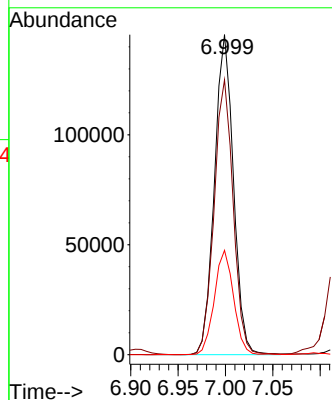
#10
Bis(2-Chloroethyl)ether
Concen: 31.455 ng/ul
RT: 6.999 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 202919

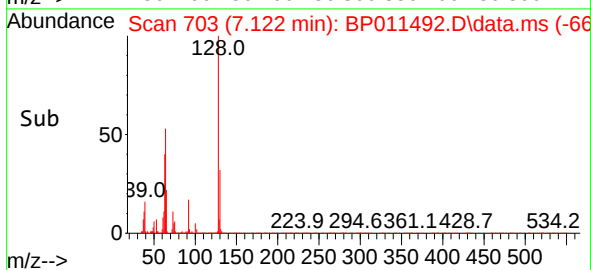
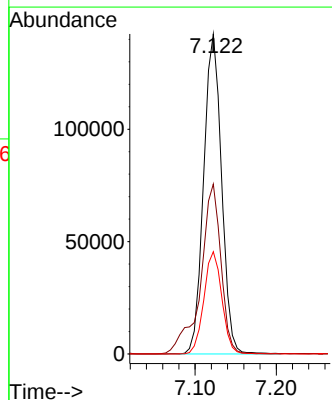
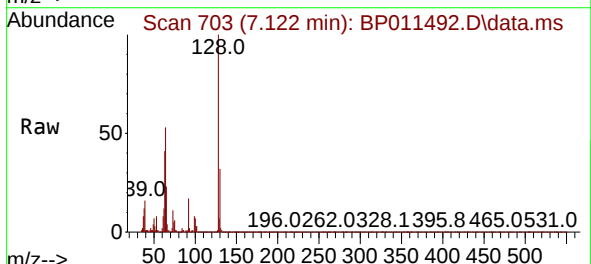
Ion	Ratio	Lower	Upper
93	100		
63	85.9	67.8	101.6
95	32.6	25.0	37.6

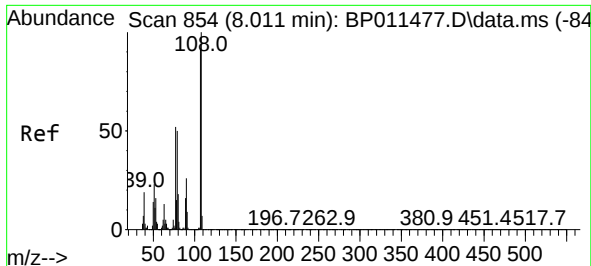


#12
2-Chlorophenol
Concen: 34.194 ng/ul
RT: 7.122 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion: 128 Resp: 217790

Ion	Ratio	Lower	Upper
128	100		
64	53.1	40.2	60.2
130	31.9	24.6	37.0

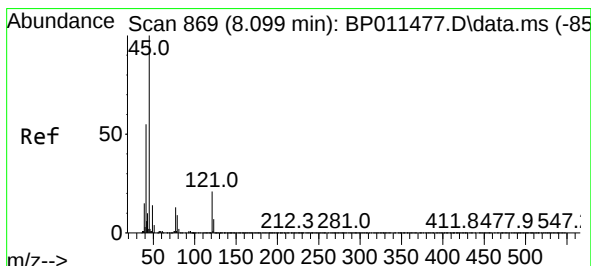
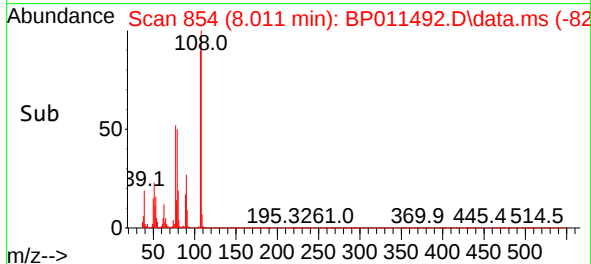
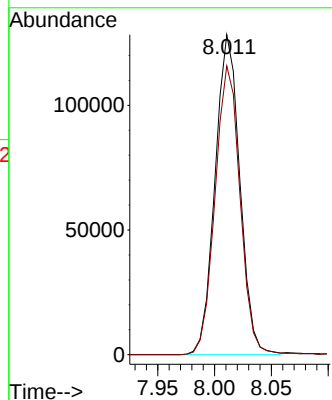
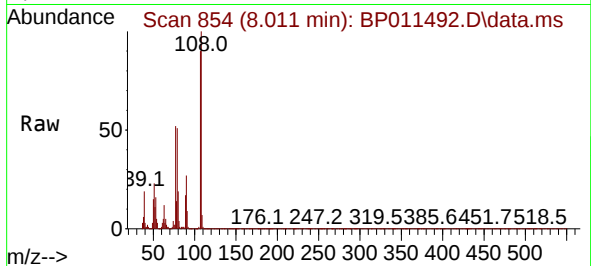




#13
2-Methylphenol
Concen: 31.903 ng/ul
RT: 8.011 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

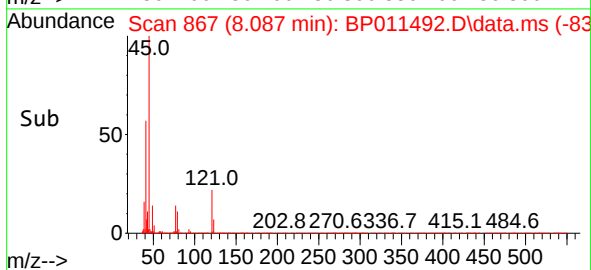
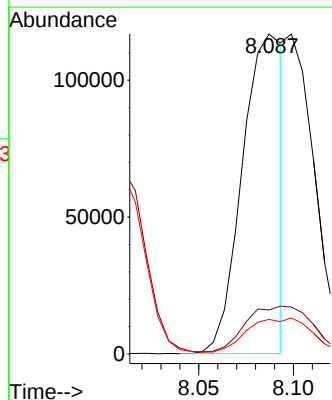
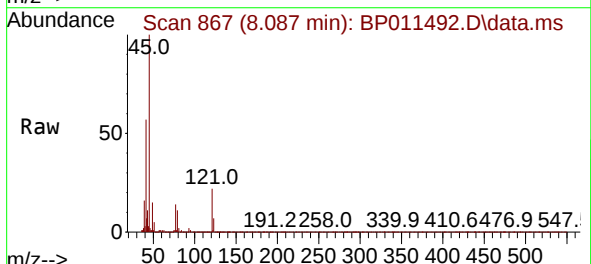
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ClientSampleId :

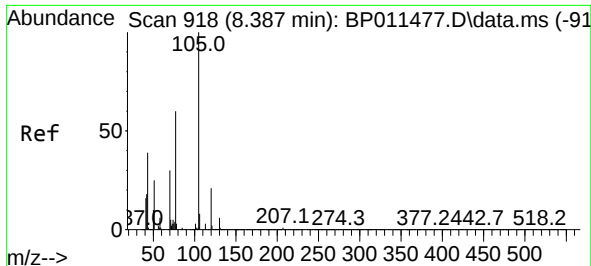
Tgt Ion:108 Resp: 194365
Ion Ratio Lower Upper
108 100
107 90.3 73.2 109.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.155 ng/ul
RT: 8.087 min Scan# 867
Delta R.T. -0.018 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion: 45 Resp: 173507
Ion Ratio Lower Upper
45 100
77 13.7 11.4 17.0
79 10.8 8.6 13.0

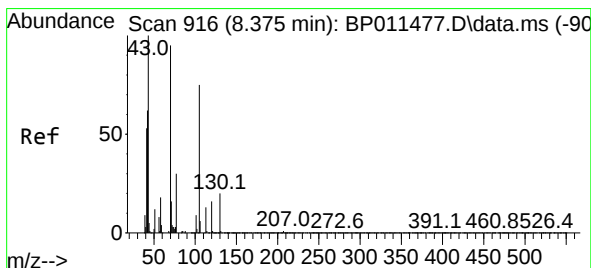
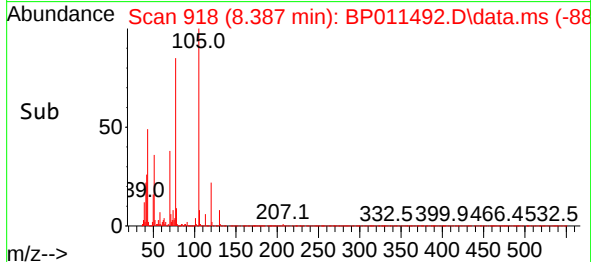
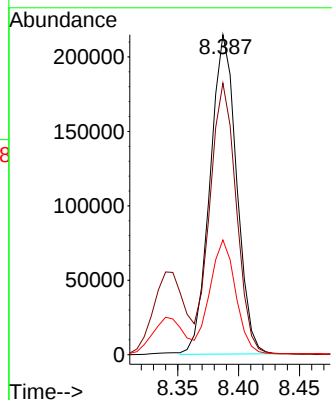
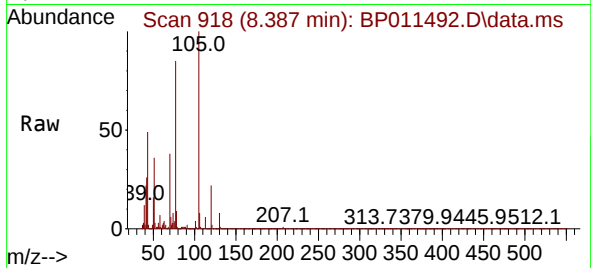




#16
Acetophenone
Concen: 30.426 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

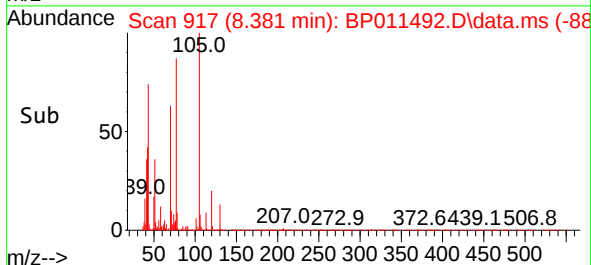
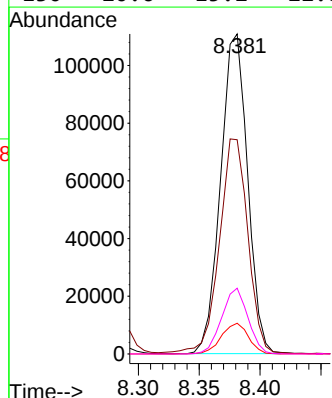
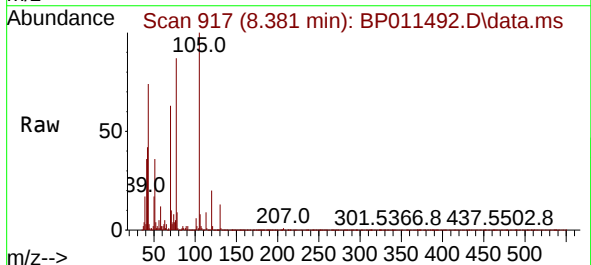
Instrument :
BNA_P
ClientSampleId :

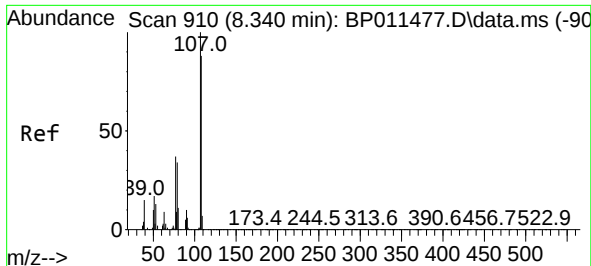
Tgt Ion:105 Resp: 326025
Ion Ratio Lower Upper
105 100
77 84.9 66.4 99.6
51 35.9 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 32.088 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion: 70 Resp: 171027
Ion Ratio Lower Upper
70 100
42 67.0 57.0 85.4
101 9.6 7.6 11.4
130 20.6 15.2 22.8

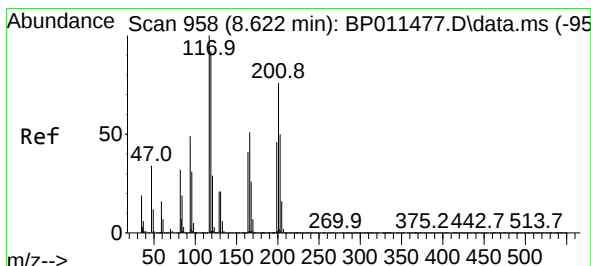
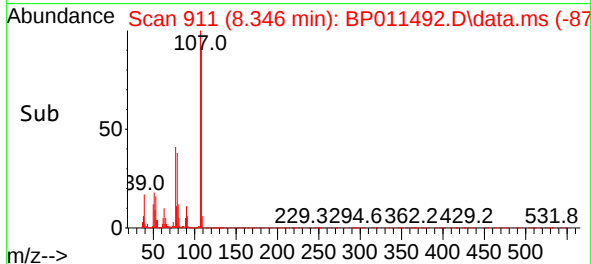
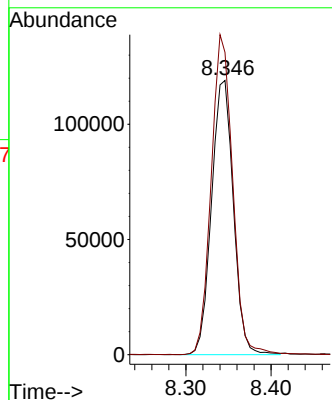
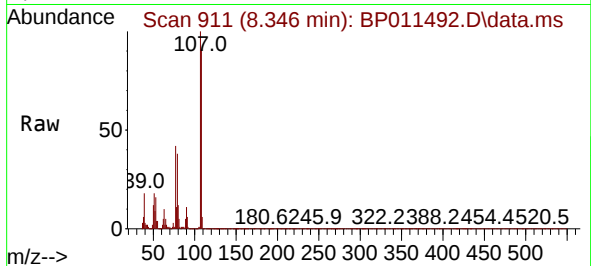




#18
4-Methylphenol
Concen: 31.376 ng/ul
RT: 8.346 min Scan# 910
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

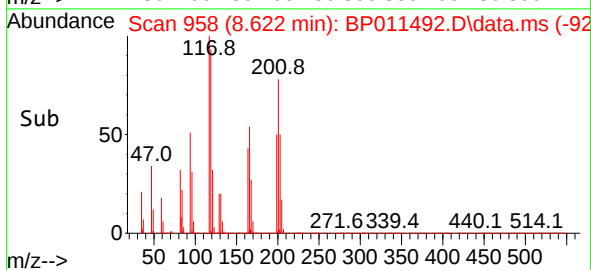
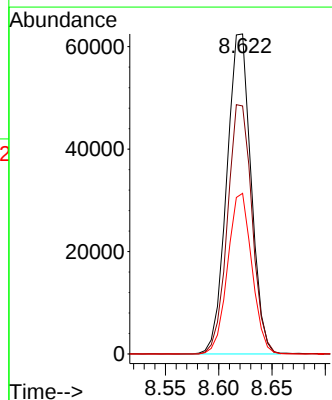
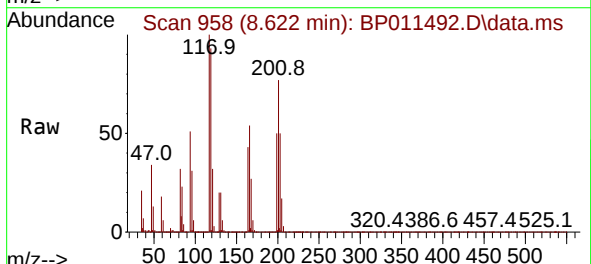
Instrument :
BNA_P
ClientSampleId :

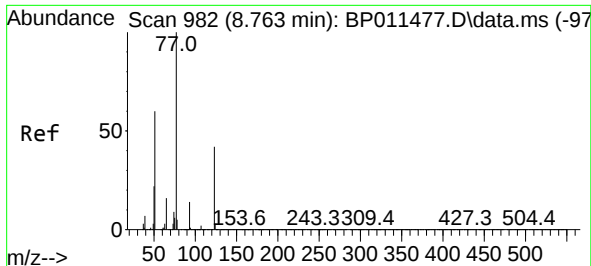
Tgt Ion:108 Resp: 211631
Ion Ratio Lower Upper
108 100
107 110.2 87.7 131.5



#19
Hexachloroethane
Concen: 34.391 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:117 Resp: 99359
Ion Ratio Lower Upper
117 100
201 77.5 64.2 96.4
199 51.4 41.0 61.6

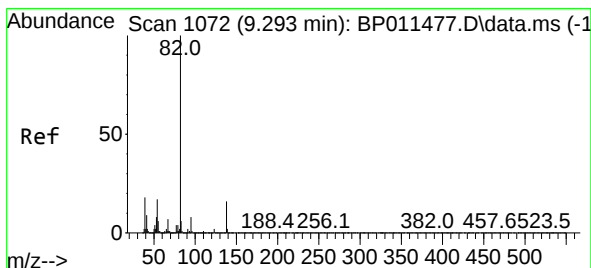
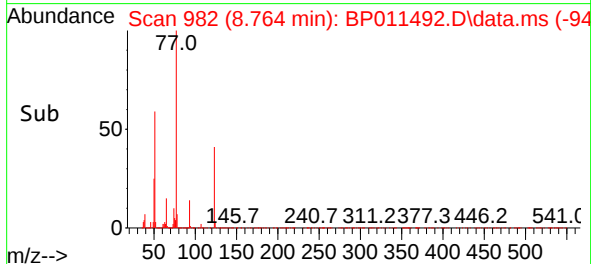
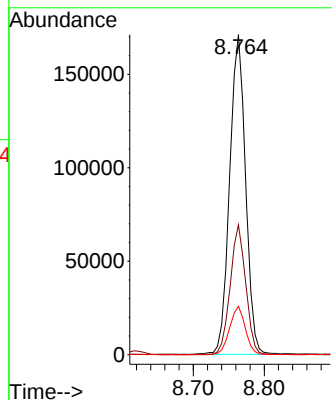
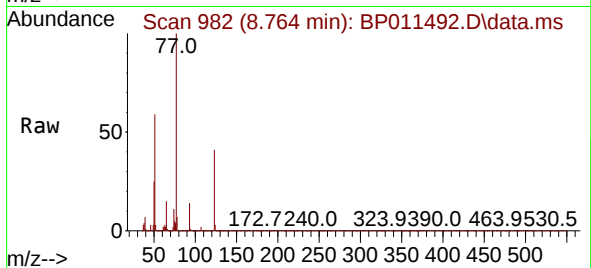




#22
Nitrobenzene
Concen: 36.094 ng/ul
RT: 8.764 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

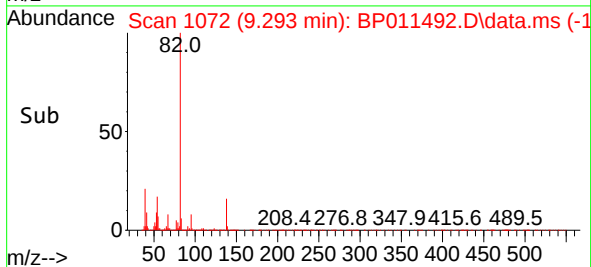
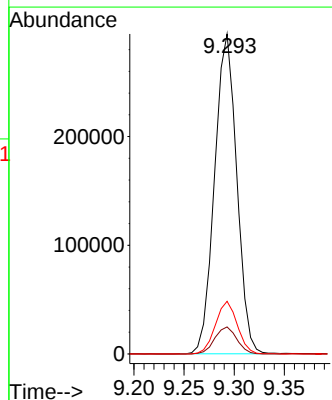
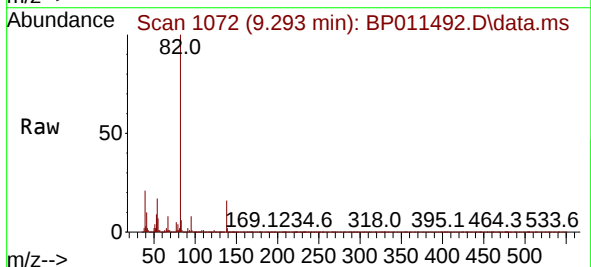
Instrument :
BNA_P
ClientSampleId :

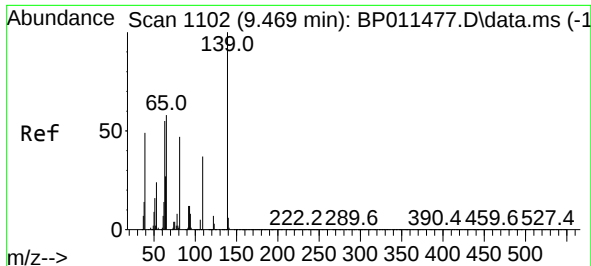
Tgt Ion: 77 Resp: 266997
Ion Ratio Lower Upper
77 100
123 40.6 30.4 45.6
65 15.1 11.5 17.3



#23
Isophorone
Concen: 34.886 ng/ul
RT: 9.293 min Scan# 1072
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion: 82 Resp: 452988
Ion Ratio Lower Upper
82 100
95 8.4 7.1 10.7
138 16.4 12.6 19.0

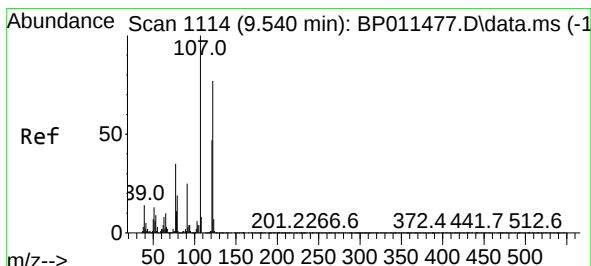
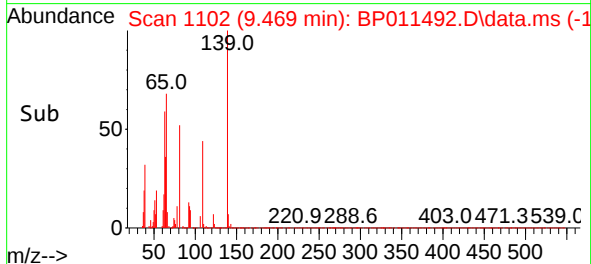
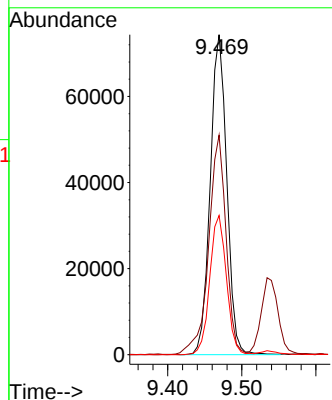
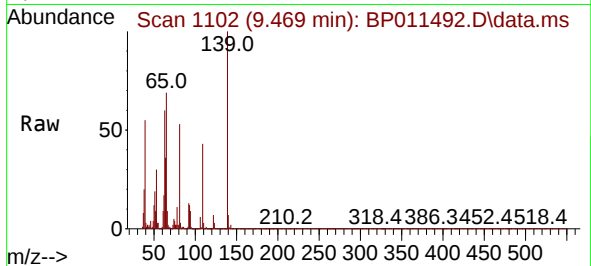




#25
2-Nitrophenol
Concen: 37.844 ng/ul
RT: 9.469 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

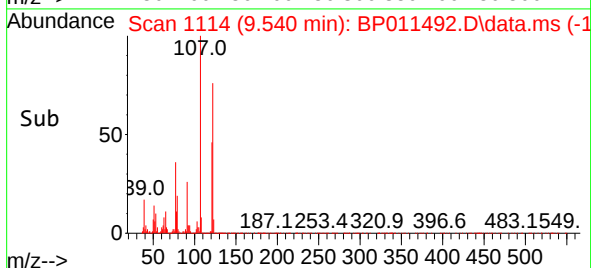
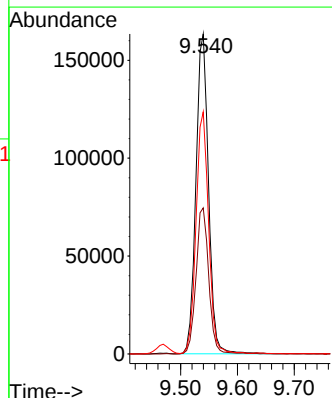
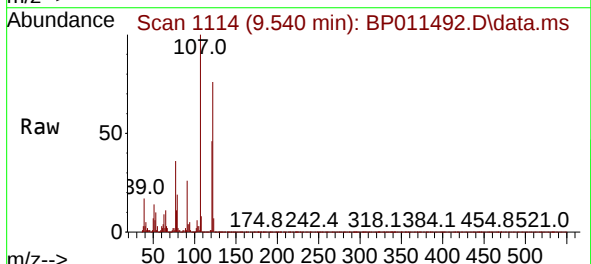
Instrument :
BNA_P
ClientSampleId :

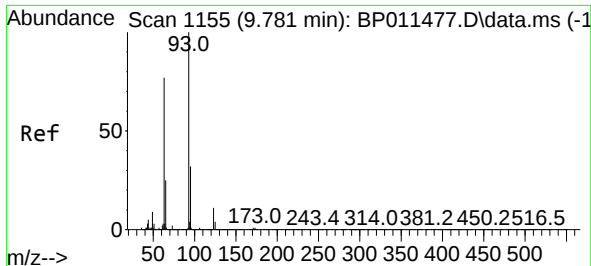
Tgt Ion:139 Resp: 115322
Ion Ratio Lower Upper
139 100
65 68.6 50.4 75.6
109 43.5 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 34.864 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:107 Resp: 252254
Ion Ratio Lower Upper
107 100
121 45.6 36.6 55.0
122 75.7 58.7 88.1

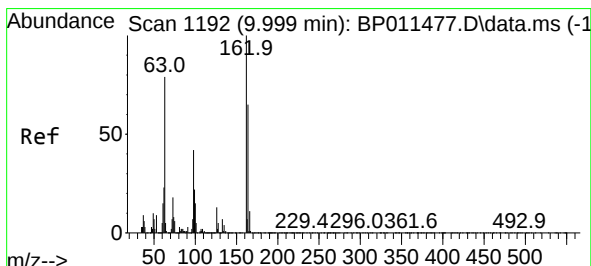
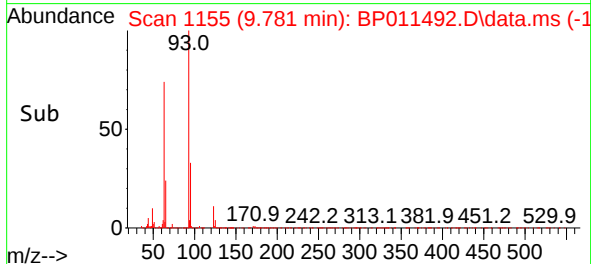
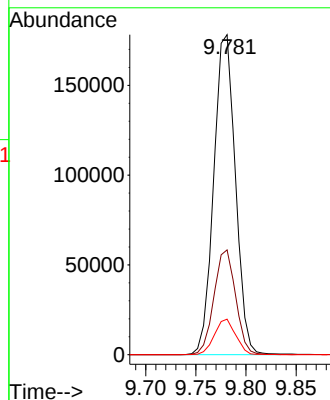
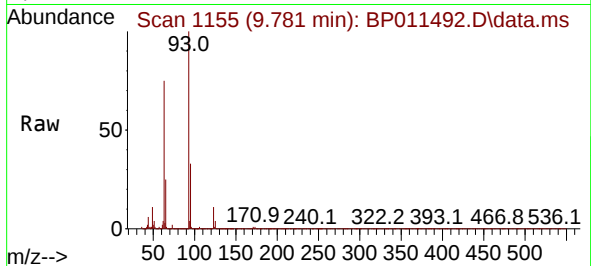




#27
 Bis(2-Chloroethoxy)methane
 Concen: 34.117 ng/ul
 RT: 9.781 min Scan# 1155
 Delta R.T. 0.000 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

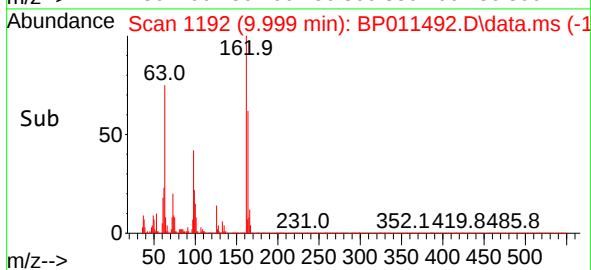
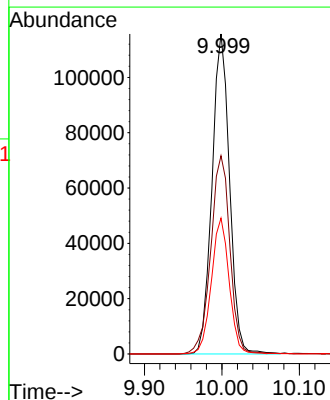
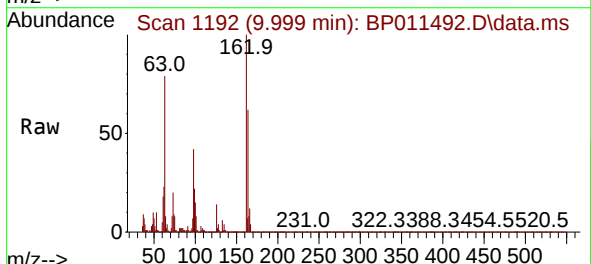
Instrument :
 BNA_P
 ClientSampleId :

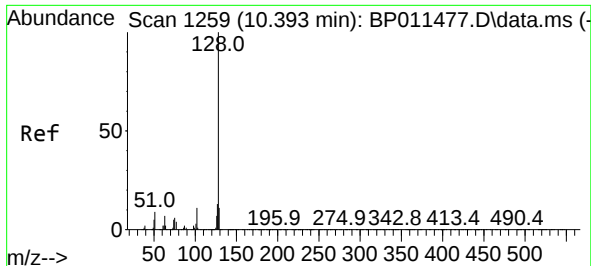
Tgt Ion: 93 Resp: 267772
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.8 37.2
 123 11.1 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 36.048 ng/ul
 RT: 9.999 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

Tgt Ion:162 Resp: 181880
 Ion Ratio Lower Upper
 162 100
 164 61.9 50.2 75.2
 98 42.5 32.9 49.3

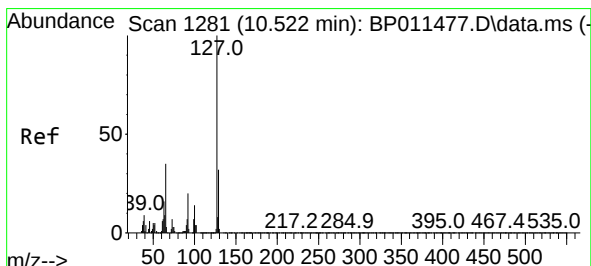
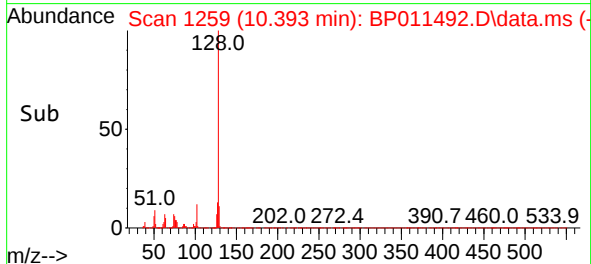
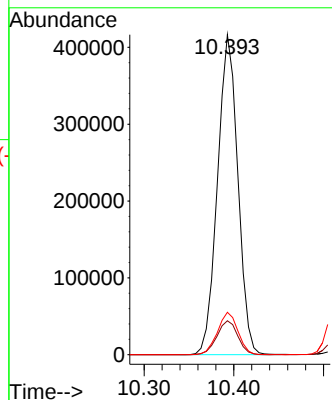
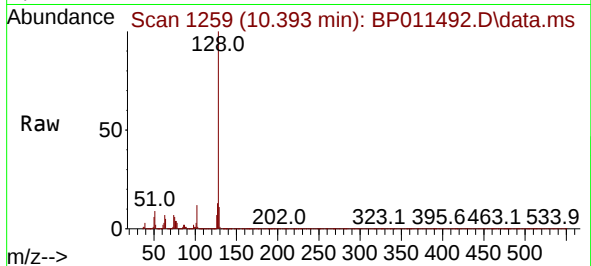




#30
Naphthalene
Concen: 34.056 ng/ul
RT: 10.393 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

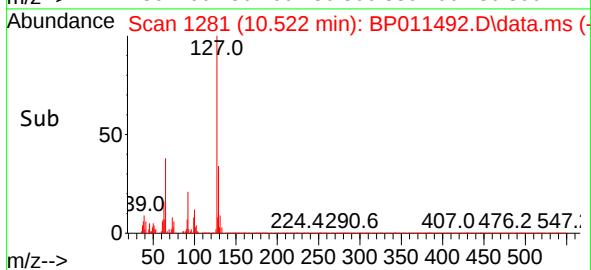
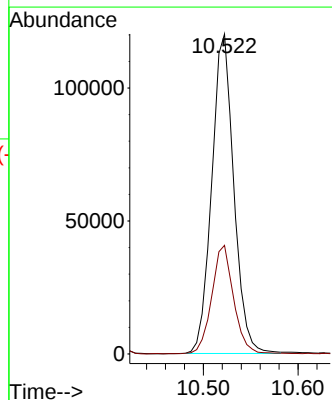
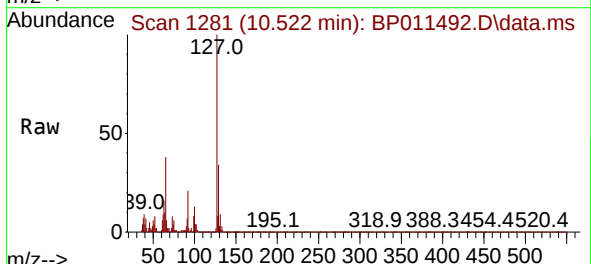
Instrument :
BNA_P
ClientSampleId :

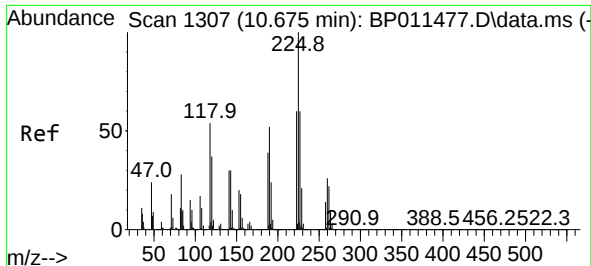
Tgt Ion:128 Resp: 655469
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 22.895 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

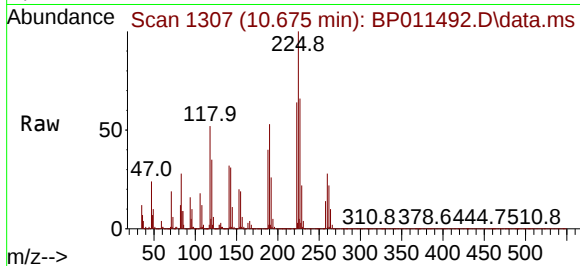
Tgt Ion:127 Resp: 194673
Ion Ratio Lower Upper
127 100
129 34.0 25.1 37.7



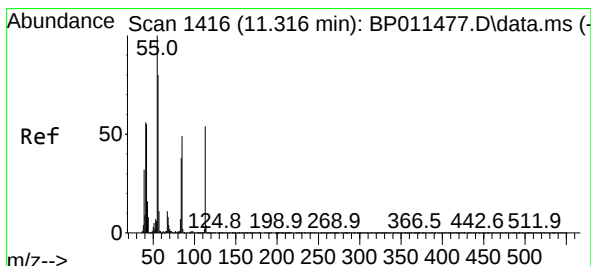
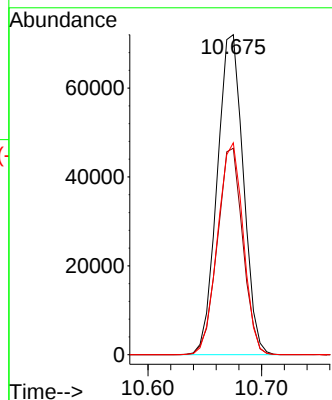
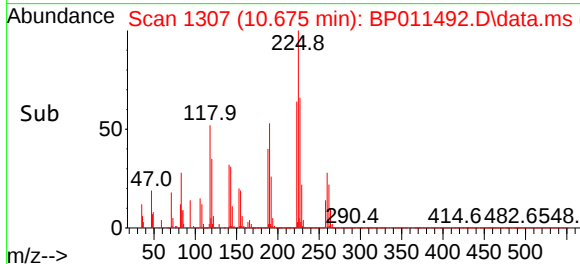


#33
Hexachlorobutadiene
Concen: 35.842 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

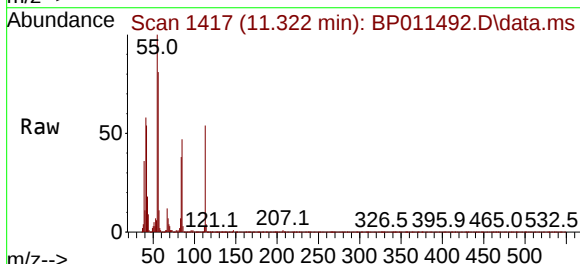
Instrument :
BNA_P
ClientSampleId :



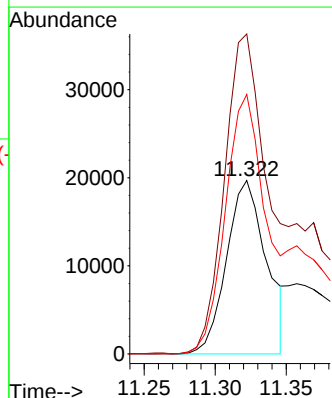
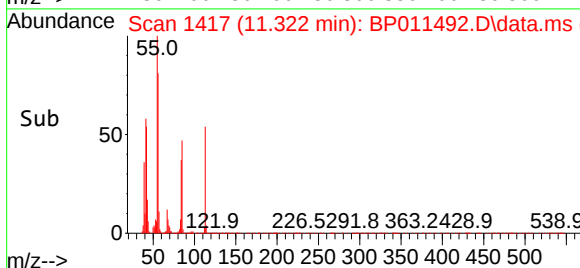
Tgt Ion:225 Resp: 115123
Ion Ratio Lower Upper
225 100
223 64.5 47.8 71.8
227 66.2 50.0 75.0

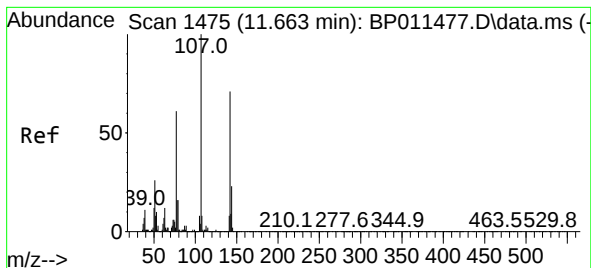


#34
Caprolactam
Concen: 20.946 ng/ul
RT: 11.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57



Tgt Ion:113 Resp: 38320
Ion Ratio Lower Upper
113 100
55 184.5 153.4 230.2
56 149.6 119.6 179.4

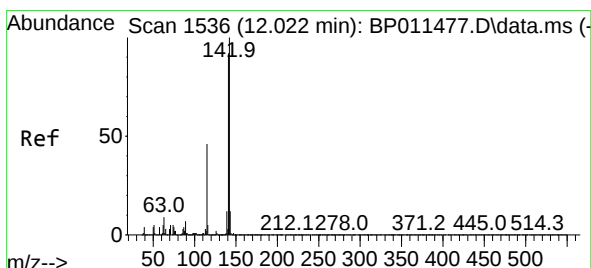
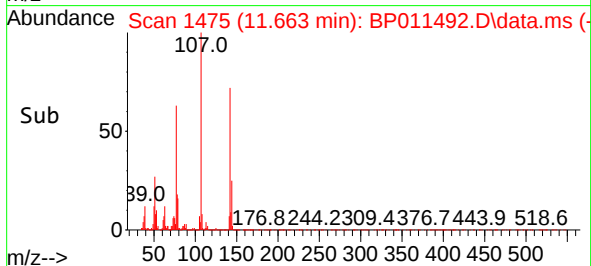
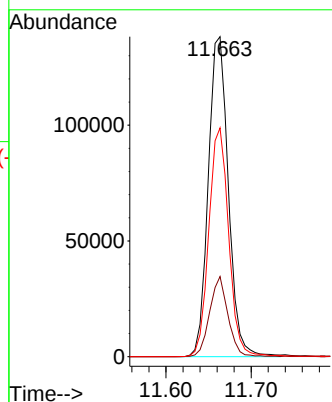
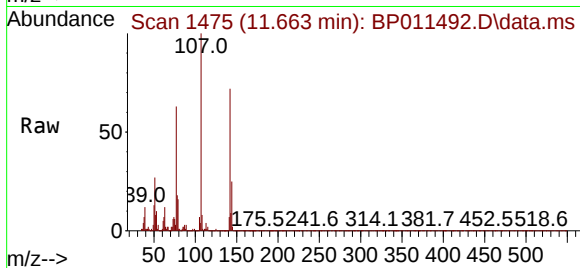




#35
4-Chloro-3-methylphenol
Concen: 35.575 ng/ul
RT: 11.663 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

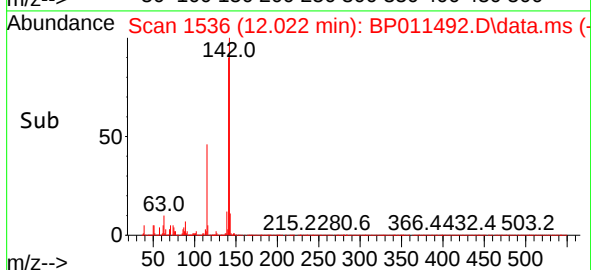
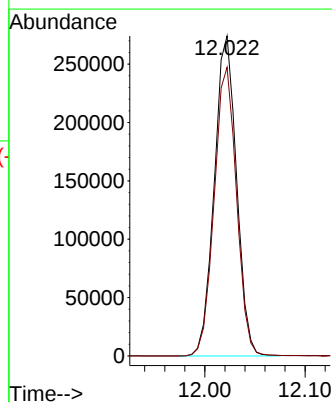
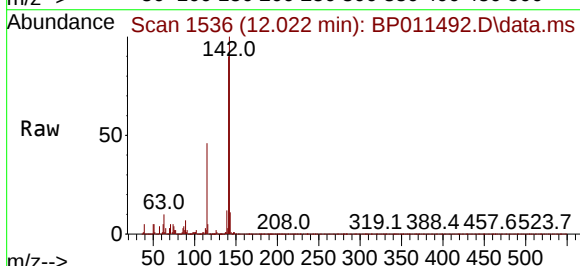
Instrument :
BNA_P
ClientSampleId :

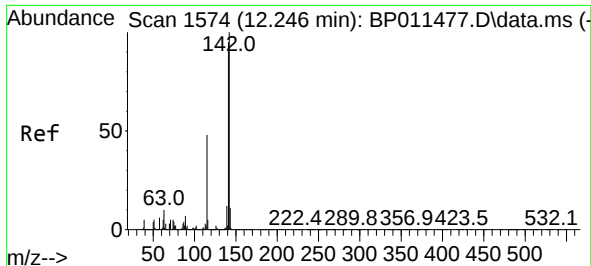
Tgt Ion:107 Resp: 226936
Ion Ratio Lower Upper
107 100
144 25.1 18.3 27.5
142 71.5 55.8 83.8



#36
2-Methylnaphthalene
Concen: 33.739 ng/ul
RT: 12.022 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:142 Resp: 422488
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.0

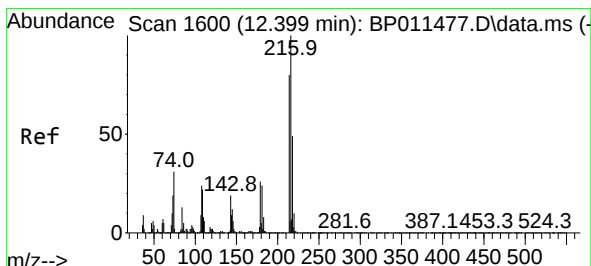
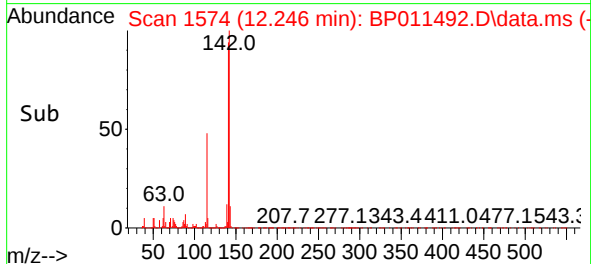
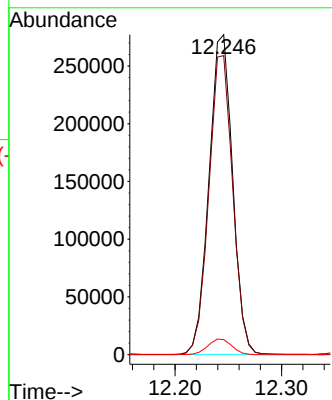
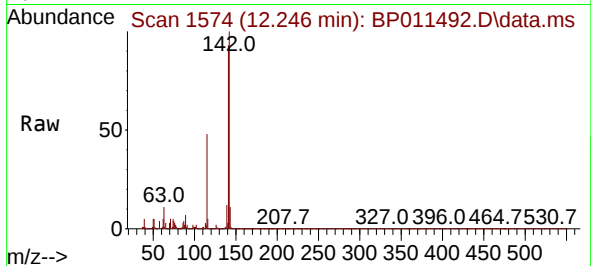




#37
1-Methylnaphthalene
Concen: 33.516 ng/ul
RT: 12.246 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

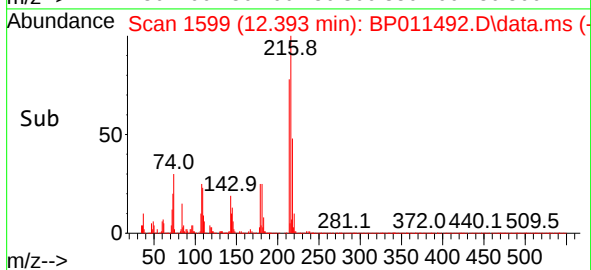
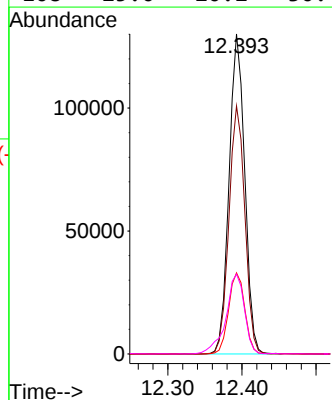
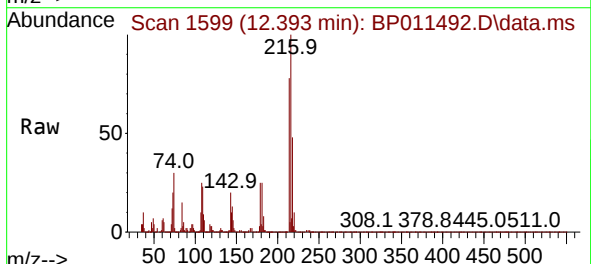
Instrument :
BNA_P
ClientSampleId :

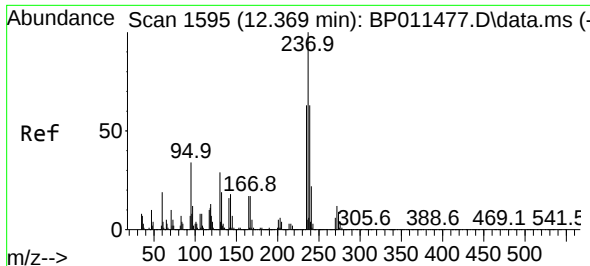
Tgt Ion:142 Resp: 425668
Ion Ratio Lower Upper
142 100
141 93.5 73.0 109.6
116 4.7 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.720 ng/ul
RT: 12.393 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:216 Resp: 190954
Ion Ratio Lower Upper
216 100
214 77.5 60.4 90.6
179 25.3 20.0 30.0
108 25.0 20.2 30.4

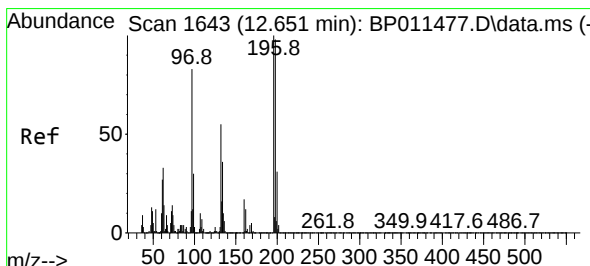
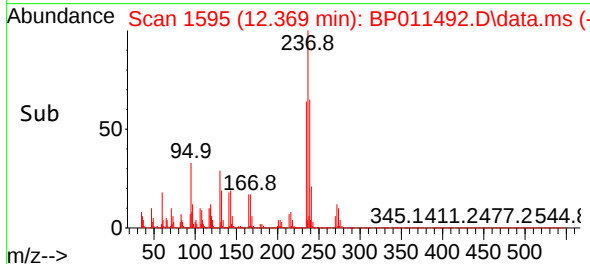
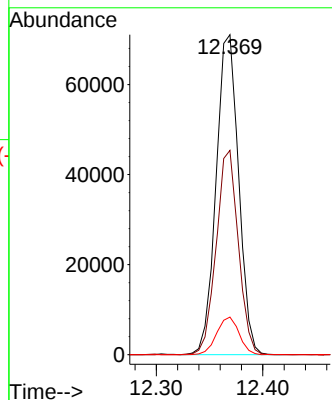
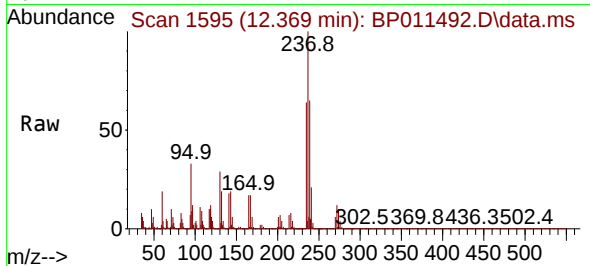




#40
Hexachlorocyclopentadiene
Concen: 31.439 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

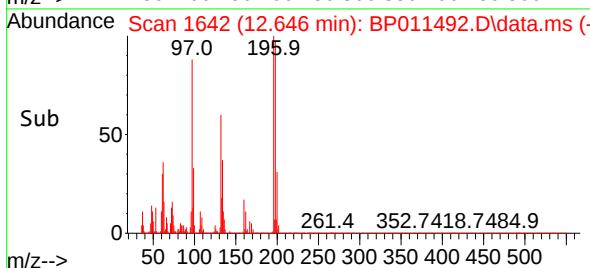
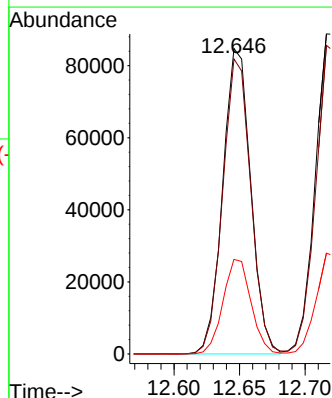
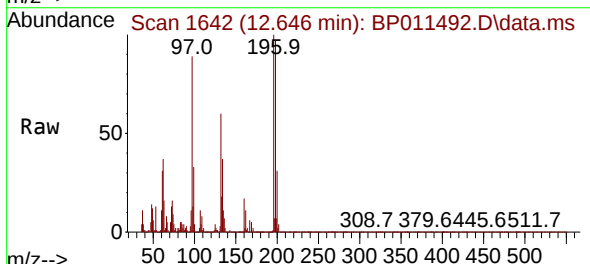
Instrument :
BNA_P
ClientSampleId :

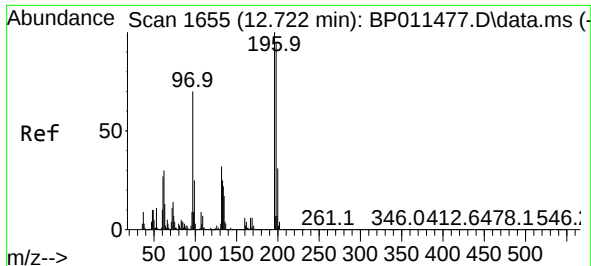
Tgt Ion:237 Resp: 104270
Ion Ratio Lower Upper
237 100
235 63.8 50.9 76.3
272 11.8 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 36.603 ng/ul
RT: 12.646 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:196 Resp: 125938
Ion Ratio Lower Upper
196 100
198 96.6 75.6 113.4
200 30.9 23.1 34.7

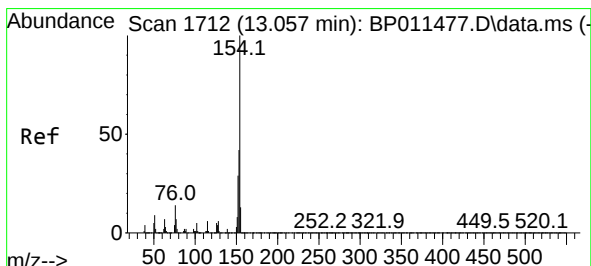
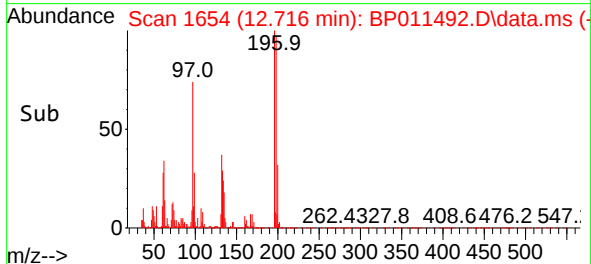
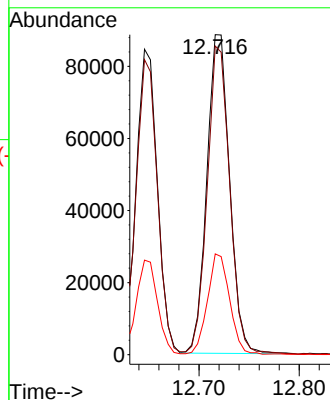
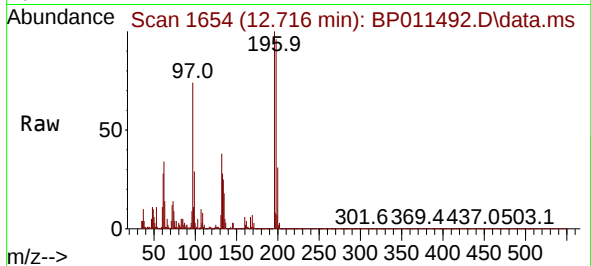




#42
2,4,5-Trichlorophenol
Concen: 36.593 ng/ul
RT: 12.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

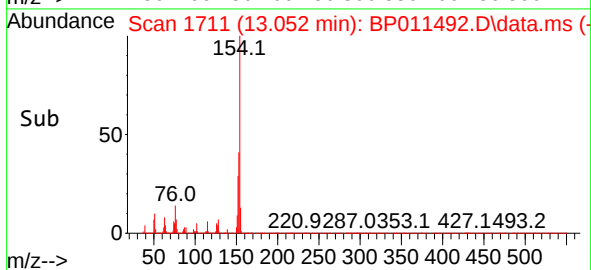
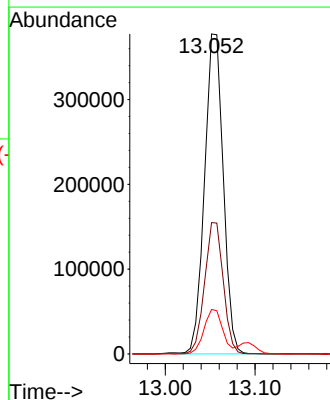
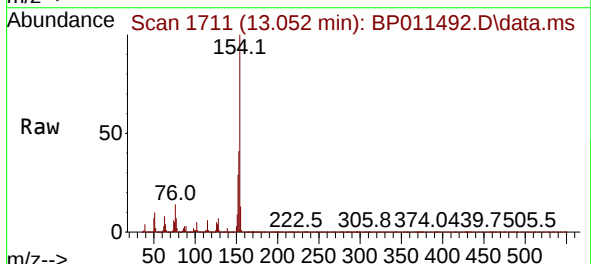
Instrument :
BNA_P
ClientSampleId :

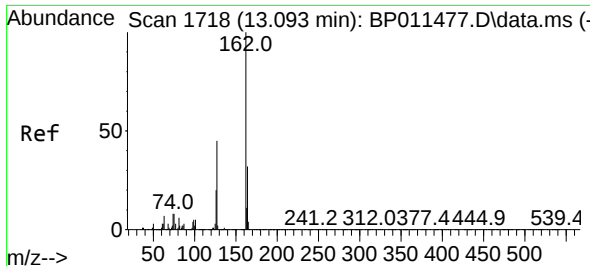
Tgt Ion:196 Resp: 140153
Ion Ratio Lower Upper
196 100
198 96.4 75.6 113.4
200 31.5 23.8 35.6



#43
1,1'-Biphenyl
Concen: 34.821 ng/ul
RT: 13.052 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:154 Resp: 546468
Ion Ratio Lower Upper
154 100
153 41.1 32.2 48.4
76 13.9 11.6 17.4

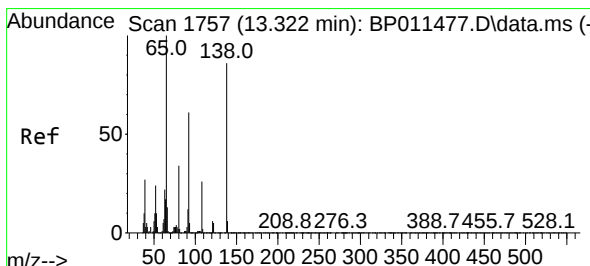
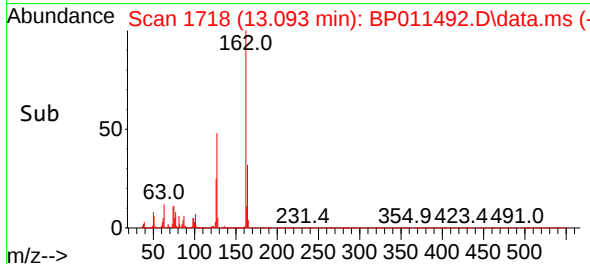
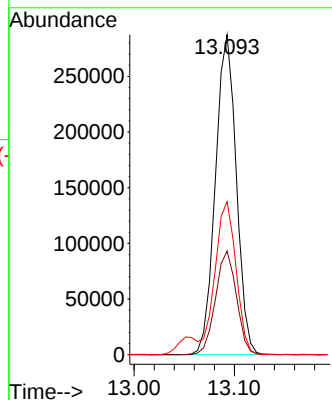
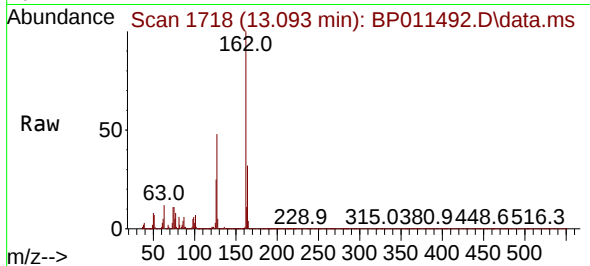




#44
2-Chloronaphthalene
Concen: 35.157 ng/ul
RT: 13.093 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

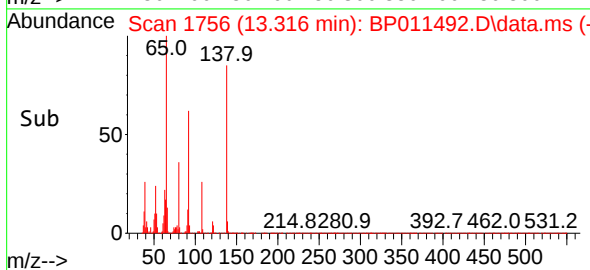
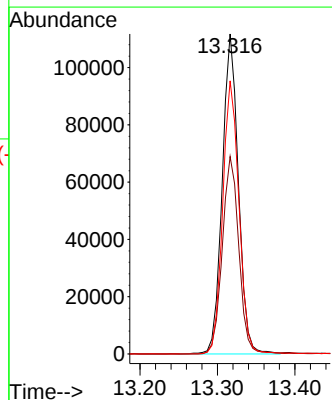
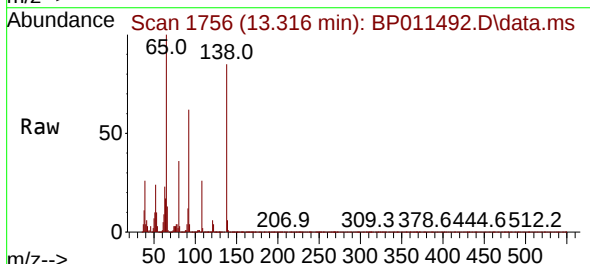
Instrument :
BNA_P
ClientSampleId :

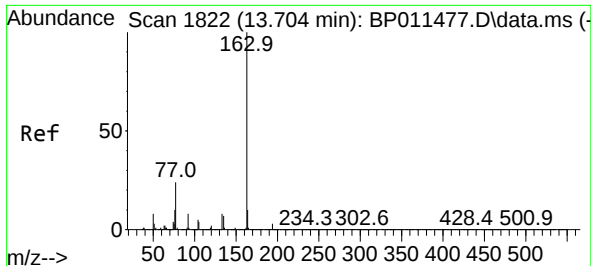
Tgt Ion:162 Resp: 415771
Ion Ratio Lower Upper
162 100
164 32.3 26.4 39.6
127 47.8 37.4 56.2



#45
2-Nitroaniline
Concen: 40.041 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion: 65 Resp: 161615
Ion Ratio Lower Upper
65 100
92 61.7 50.8 76.2
138 85.3 66.7 100.1

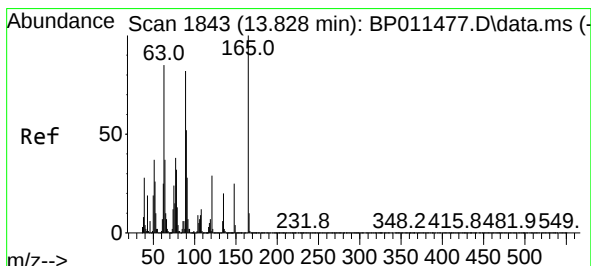
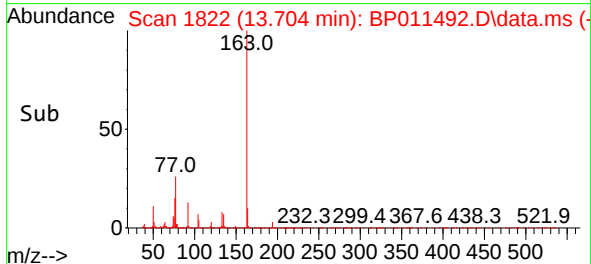
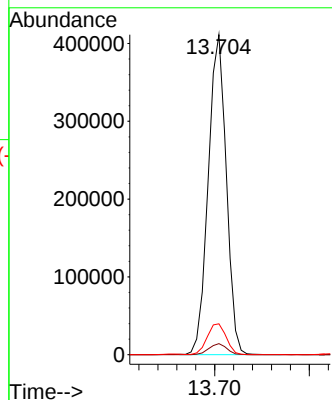
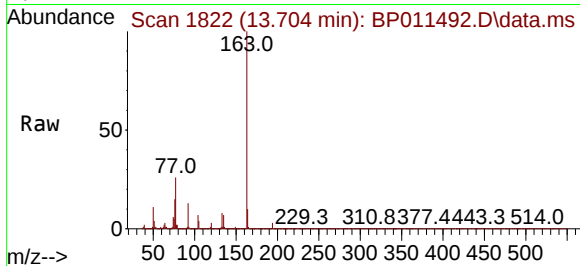




#47
Dimethylphthalate
Concen: 35.316 ng/ul
RT: 13.704 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

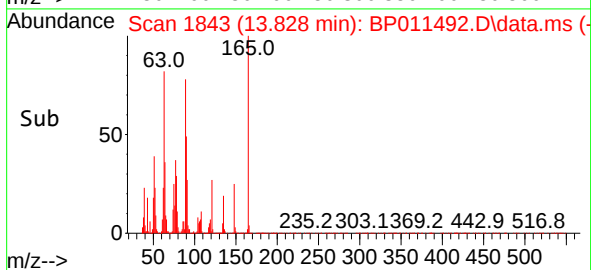
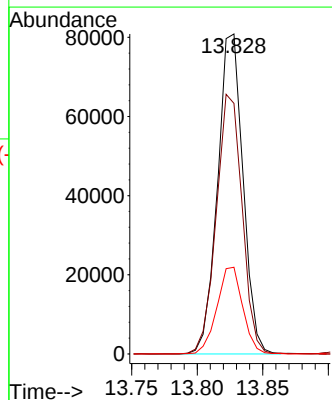
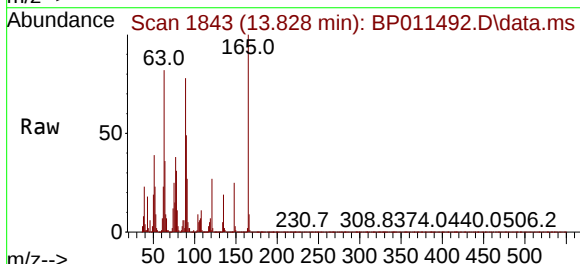
Instrument :
BNA_P
ClientSampleId :

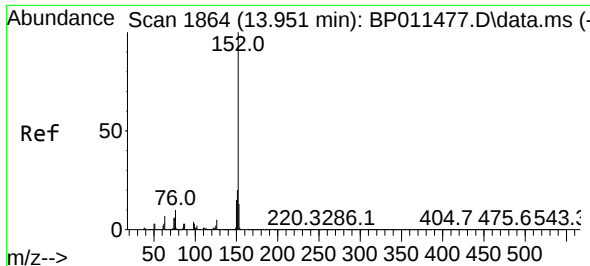
Tgt Ion:163 Resp: 543747
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.6 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 39.378 ng/ul
RT: 13.828 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:165 Resp: 109003
Ion Ratio Lower Upper
165 100
89 78.3 66.6 99.8
121 27.1 21.0 31.6

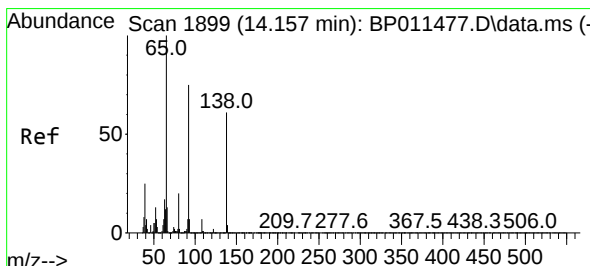
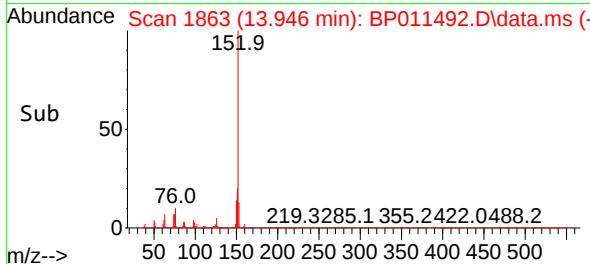
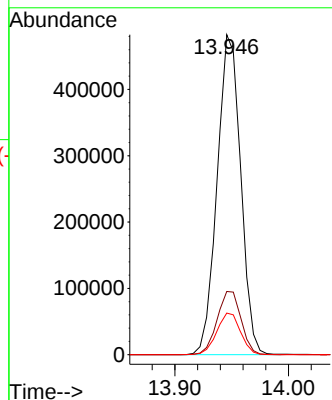
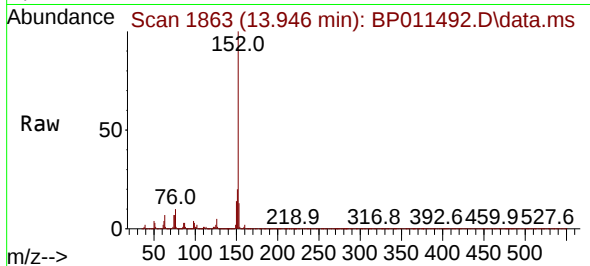




#50
Acenaphthylene
Concen: 35.366 ng/ul
RT: 13.946 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

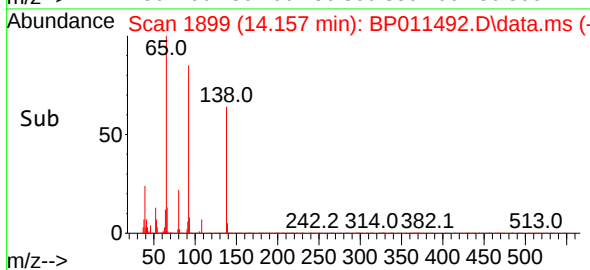
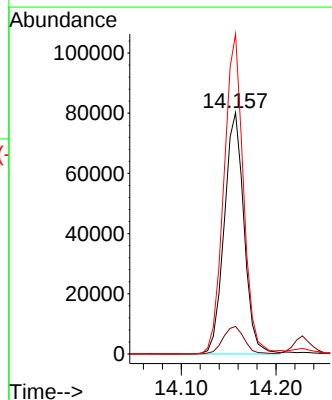
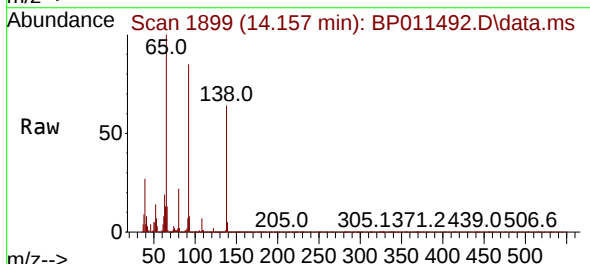
Instrument :
BNA_P
ClientSampleId :

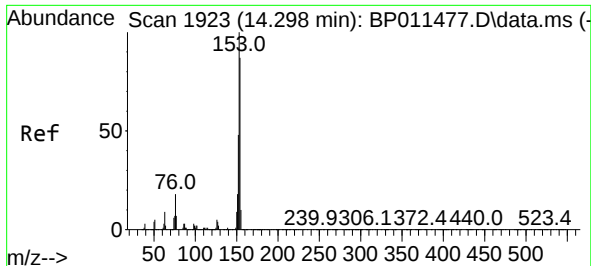
Tgt Ion:152 Resp: 695642
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 38.559 ng/ul
RT: 14.157 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:138 Resp: 116261
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 132.6 104.2 156.2

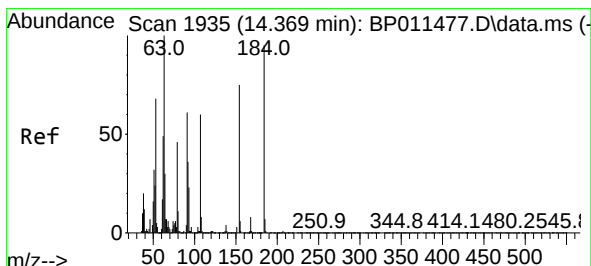
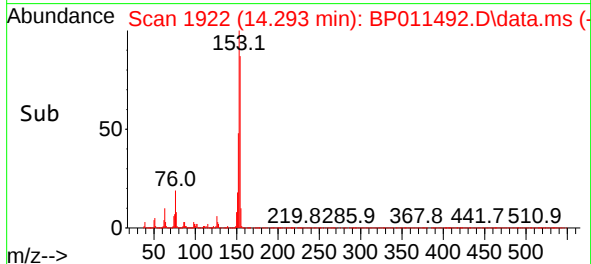
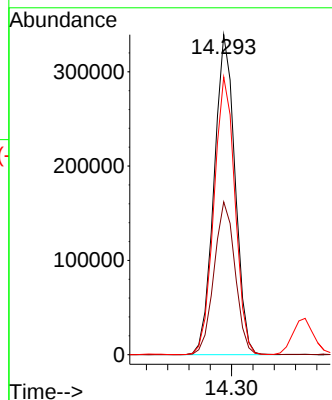
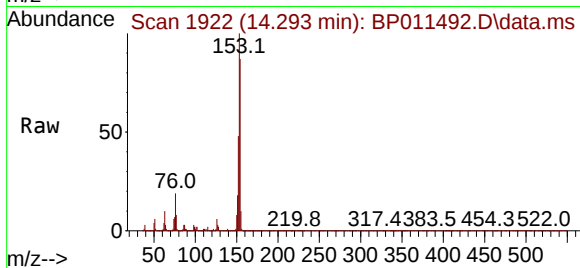




#52
Acenaphthene
Concen: 35.084 ng/ul
RT: 14.293 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

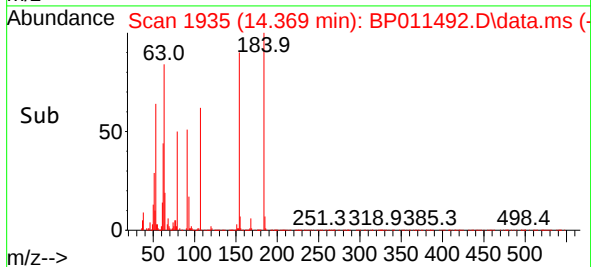
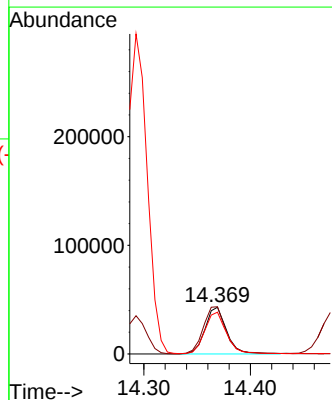
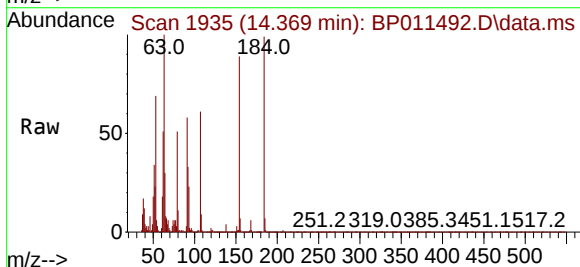
Instrument :
BNA_P
ClientSampleId :

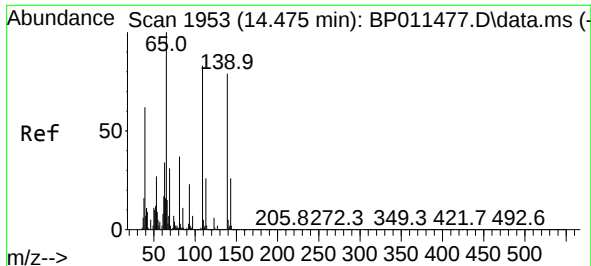
Tgt Ion:153 Resp: 462220
Ion Ratio Lower Upper
153 100
152 47.7 37.7 56.5
154 86.8 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 35.519 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:184 Resp: 60178
Ion Ratio Lower Upper
184 100
63 101.1 82.5 123.7
154 89.6 66.6 100.0

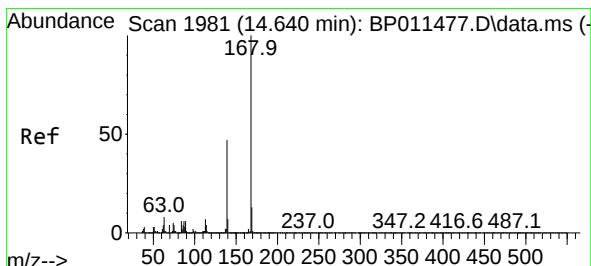
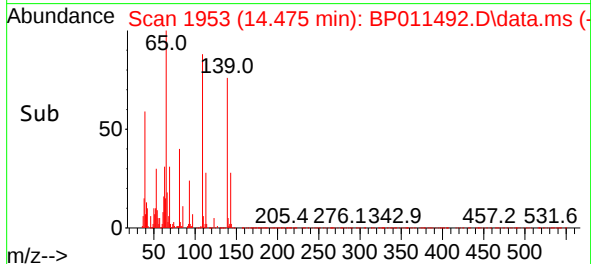
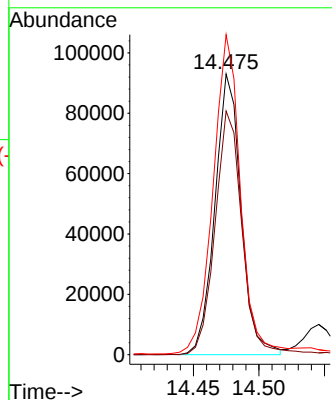
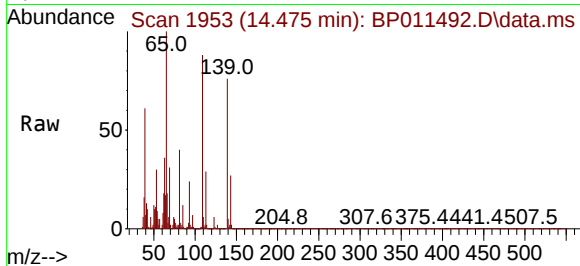




#55
4-Nitrophenol
Concen: 37.671 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

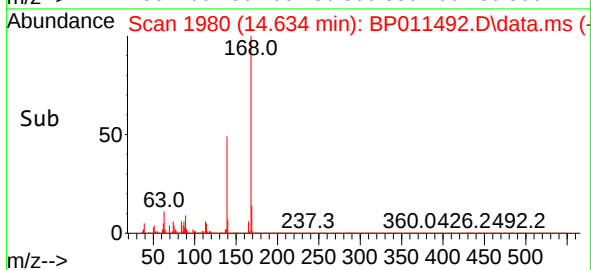
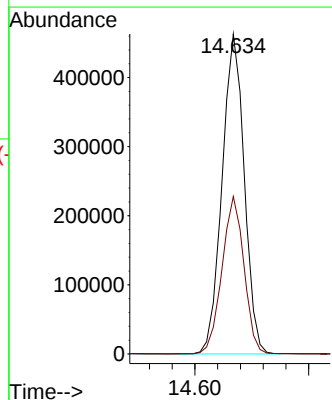
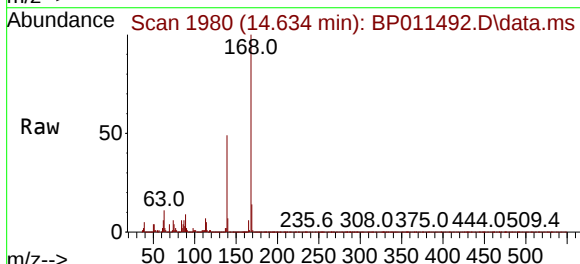
Instrument :
BNA_P
ClientSampleId :

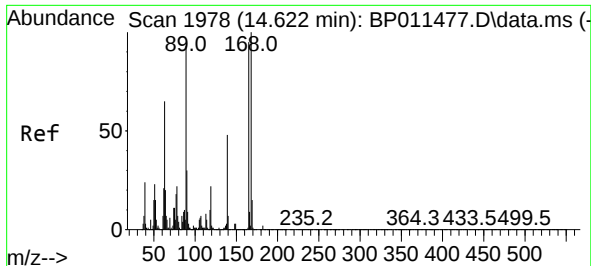
Tgt Ion:109 Resp: 128826
Ion Ratio Lower Upper
109 100
139 86.8 76.0 114.0
65 114.0 98.8 148.2



#56
Dibenzofuran
Concen: 34.524 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:168 Resp: 627215
Ion Ratio Lower Upper
168 100
139 49.2 38.4 57.6

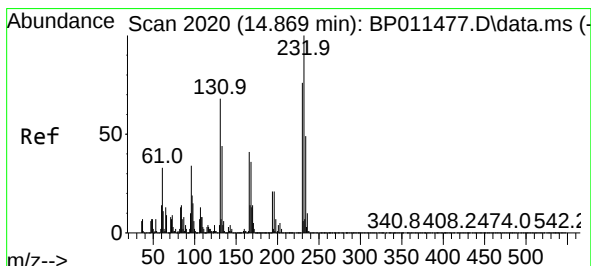
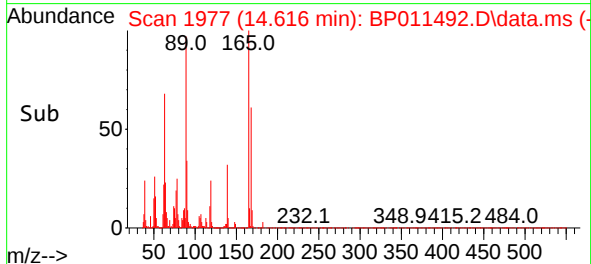
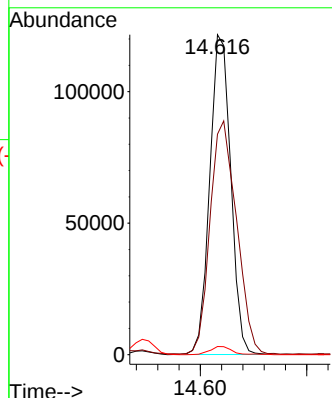
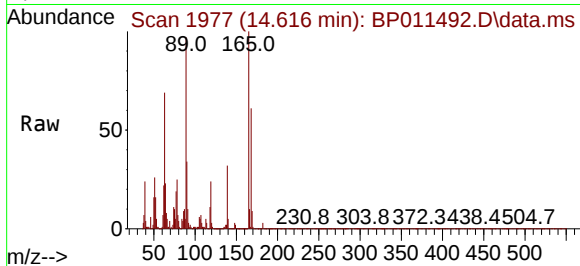




#57
2,4-Dinitrotoluene
Concen: 40.110 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

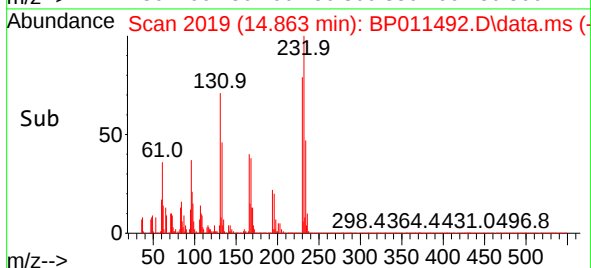
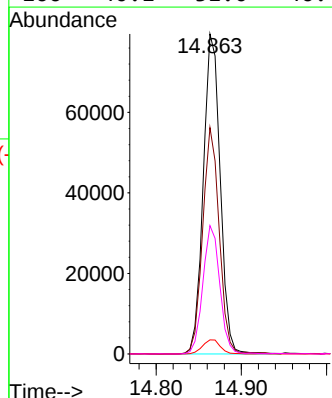
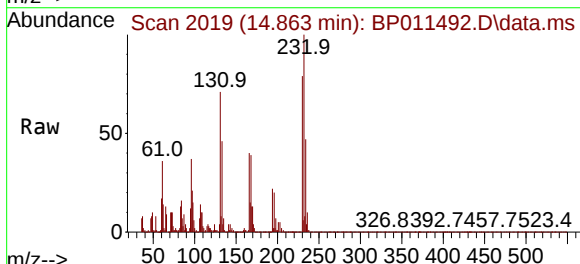
Instrument :
BNA_P
ClientSampleId :

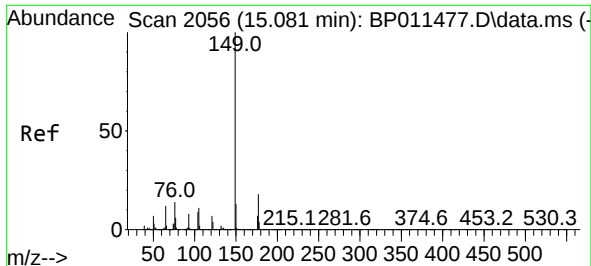
Tgt Ion:165 Resp: 166215
Ion Ratio Lower Upper
165 100
63 68.9 60.2 90.2
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.466 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:232 Resp: 109655
Ion Ratio Lower Upper
232 100
131 70.7 55.4 83.0
130 4.4 3.6 5.4
166 40.1 31.0 46.4

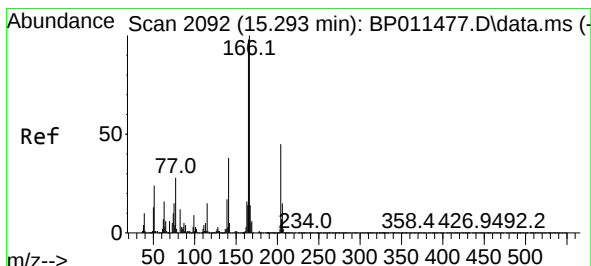
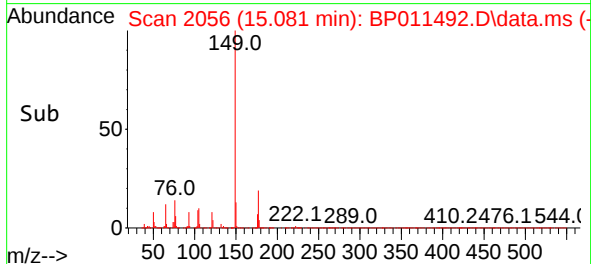
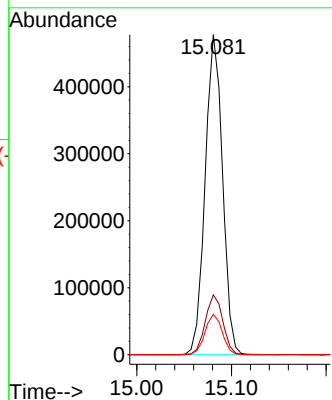
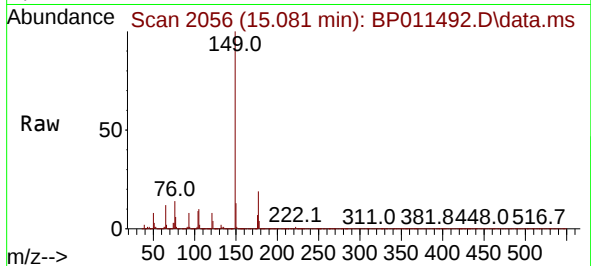




#59
Diethylphthalate
Concen: 36.095 ng/ul
RT: 15.081 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

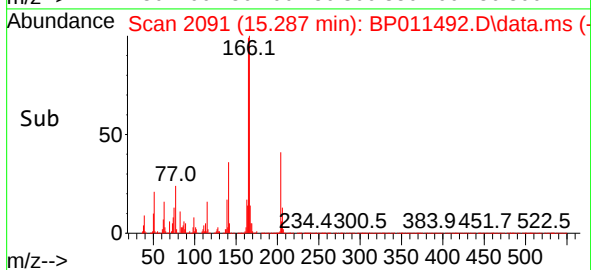
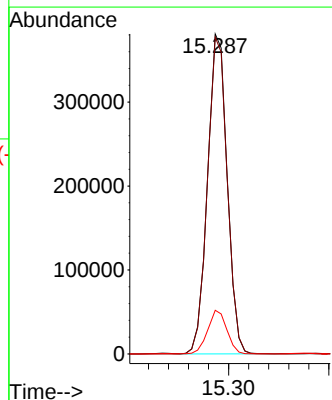
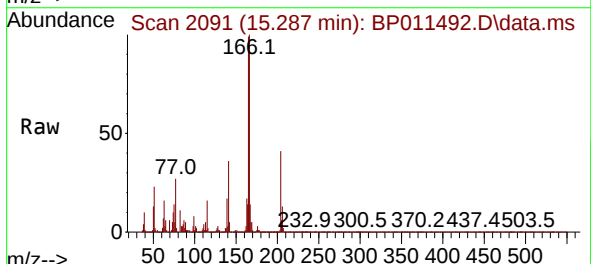
Instrument :
BNA_P
ClientSampleId :

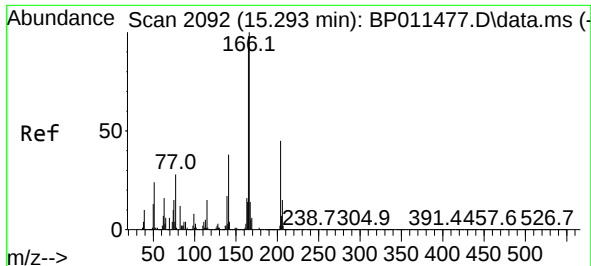
Tgt Ion:149 Resp: 608684
Ion Ratio Lower Upper
149 100
177 18.7 15.7 23.5
150 12.6 10.1 15.1



#61
Fluorene
Concen: 34.943 ng/ul
RT: 15.287 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:166 Resp: 519360
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 13.7 10.3 15.5

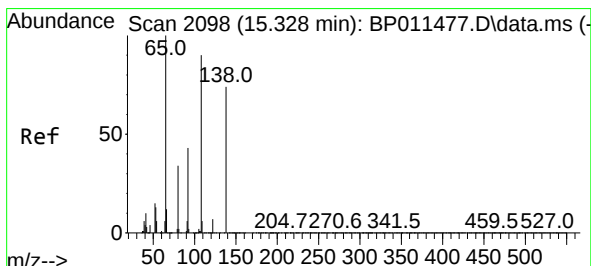
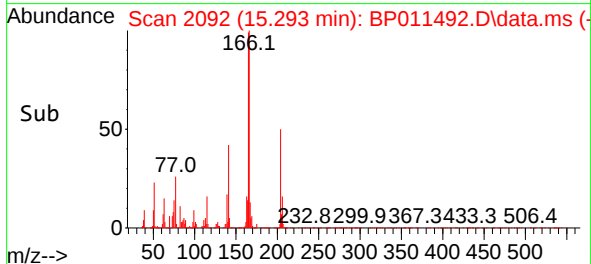
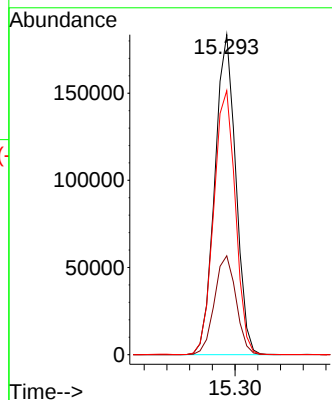
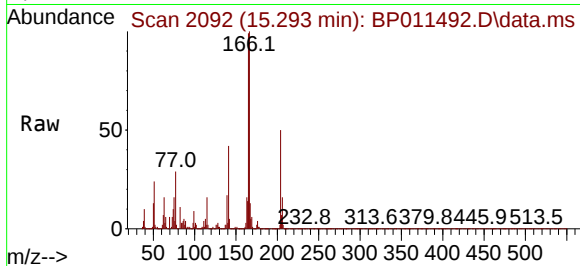




#62
4-Chlorophenyl-phenylether
Concen: 35.165 ng/ul
RT: 15.293 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

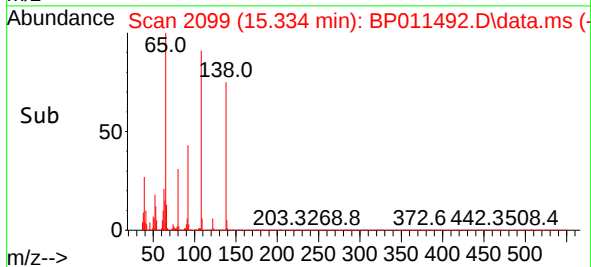
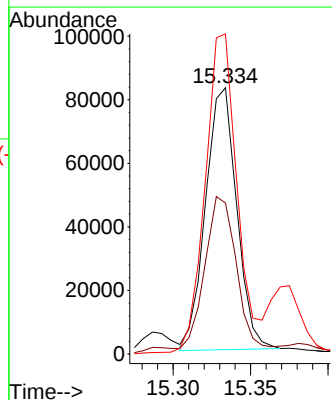
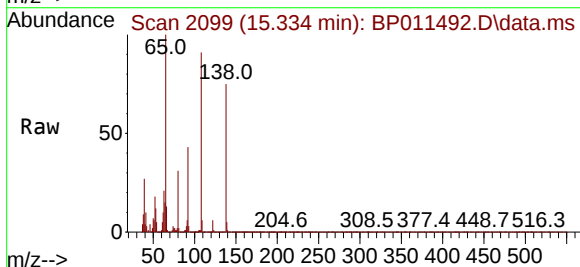
Instrument :
BNA_P
ClientSampleId :

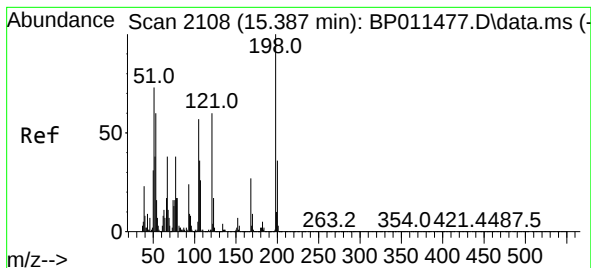
Tgt Ion:204 Resp: 236107
Ion Ratio Lower Upper
204 100
206 30.9 25.4 38.0
141 82.5 66.5 99.7



#63
4-Nitroaniline
Concen: 39.707 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:138 Resp: 115642
Ion Ratio Lower Upper
138 100
92 56.6 49.5 74.3
108 120.2 93.7 140.5

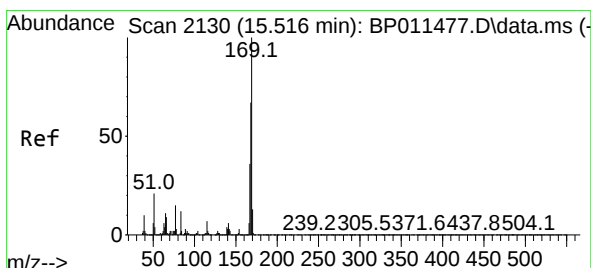
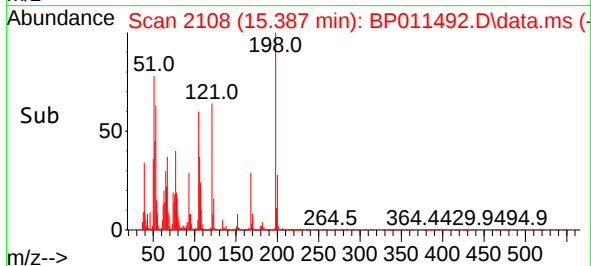
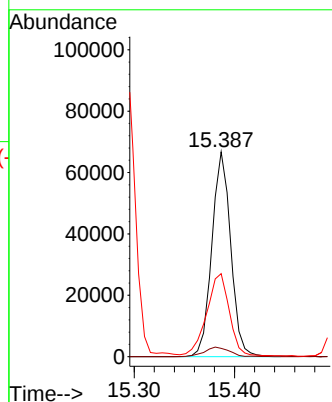
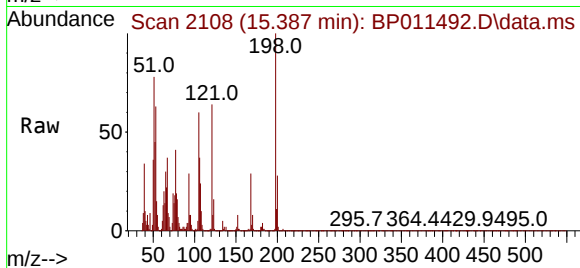




#66
 4,6-Dinitro-2-methylphenol
 Concen: 37.835 ng/ul
 RT: 15.387 min Scan# 2108
 Delta R.T. 0.000 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

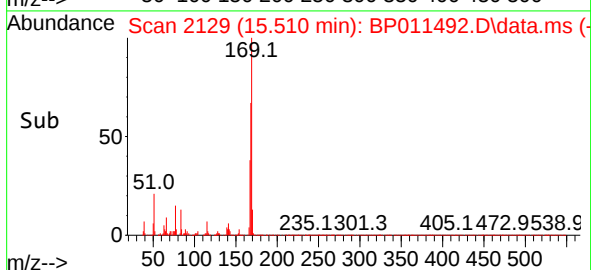
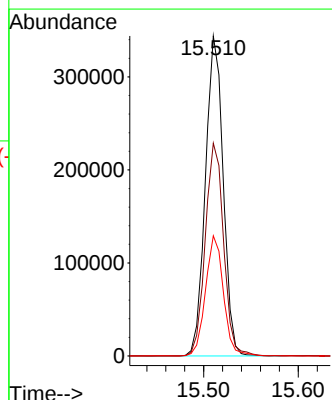
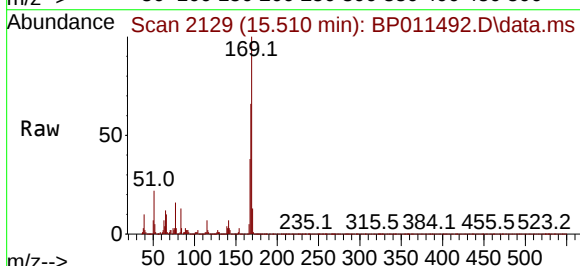
Instrument :
 BNA_P
 ClientSampleId :

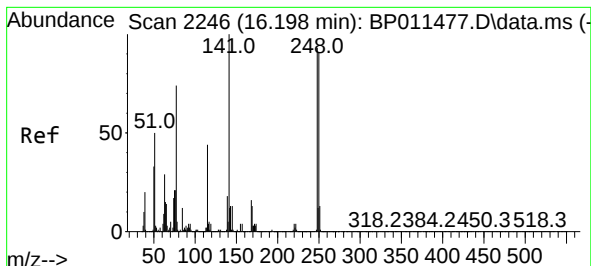
Tgt Ion:198 Resp: 87450
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.9 5.9
 77 40.6 30.1 45.1



#67
 N-Nitrosodiphenylamine
 Concen: 36.930 ng/ul
 RT: 15.510 min Scan# 2129
 Delta R.T. -0.006 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

Tgt Ion:169 Resp: 448035
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.6 82.0
 167 37.6 30.2 45.4

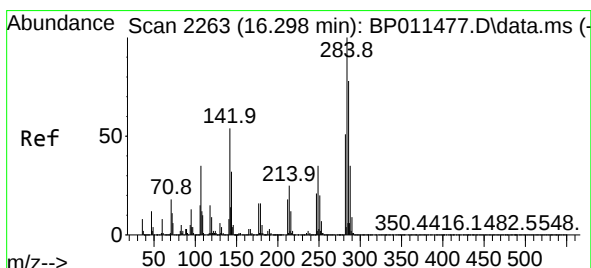
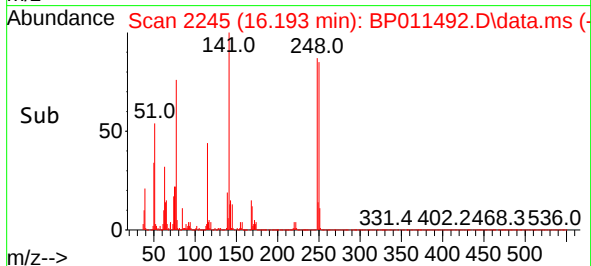
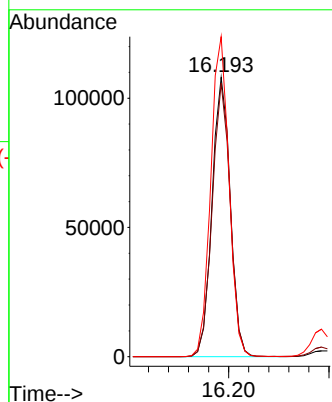
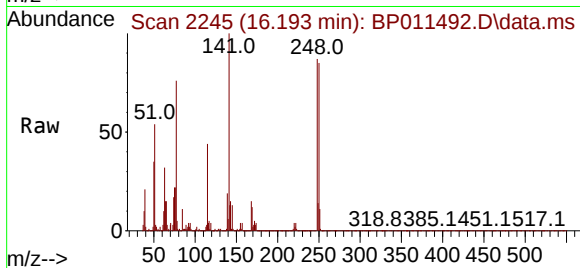




#68
4-Bromophenyl-phenylether
Concen: 36.859 ng/ul
RT: 16.193 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

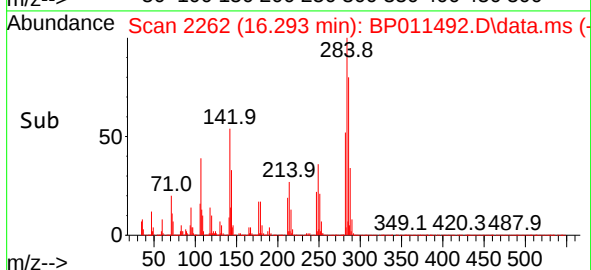
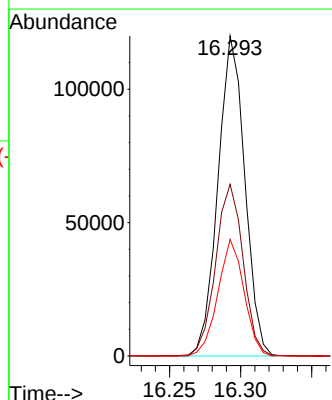
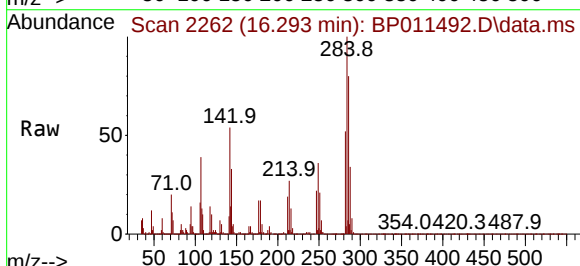
Instrument :
BNA_P
ClientSampleId :

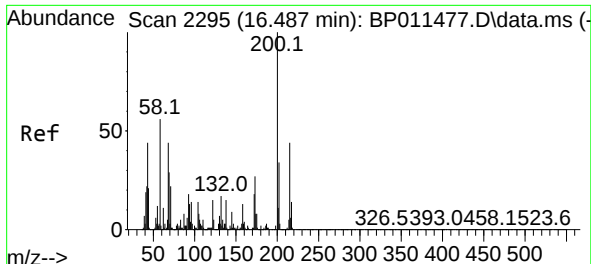
Tgt Ion:248 Resp: 136060
Ion Ratio Lower Upper
248 100
250 97.8 82.8 124.2
141 114.5 90.8 136.2



#69
Hexachlorobenzene
Concen: 37.081 ng/ul
RT: 16.293 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:284 Resp: 157753
Ion Ratio Lower Upper
284 100
142 53.7 43.5 65.3
249 36.4 28.4 42.6

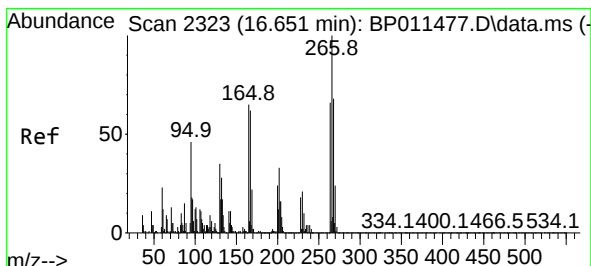
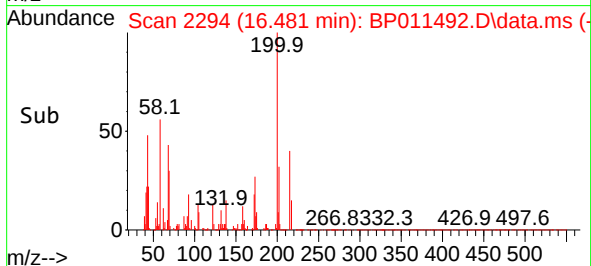
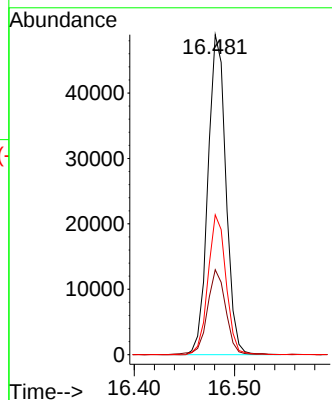
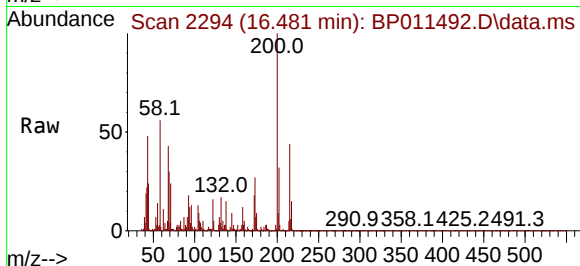




#70
Atrazine
Concen: 13.429 ng/ul
RT: 16.481 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

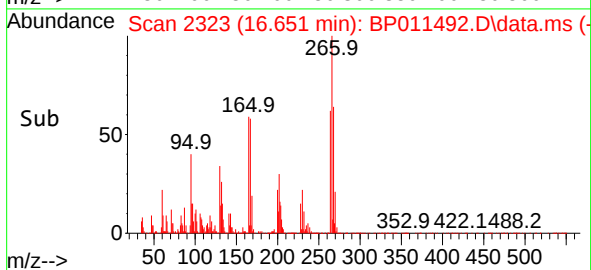
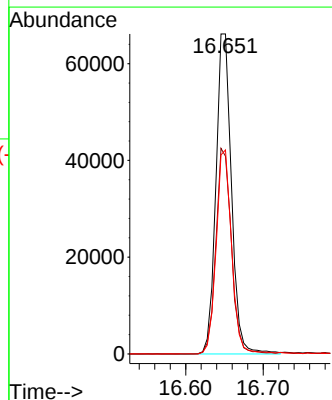
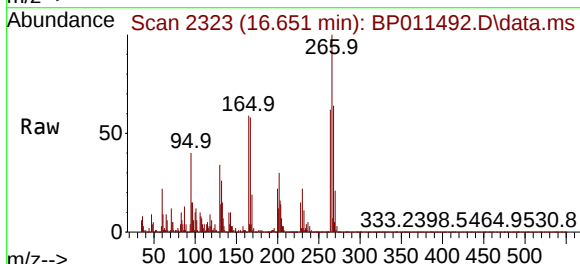
Instrument :
BNA_P
ClientSampleId :

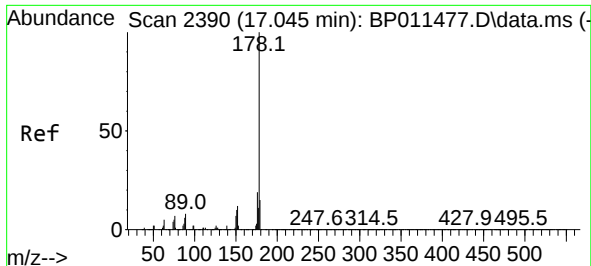
Tgt Ion:200 Resp: 60803
Ion Ratio Lower Upper
200 100
173 26.6 22.0 33.0
215 43.7 36.3 54.5



#71
Pentachlorophenol
Concen: 35.010 ng/ul
RT: 16.651 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:266 Resp: 92350
Ion Ratio Lower Upper
266 100
264 61.8 50.6 76.0
268 63.8 51.3 76.9

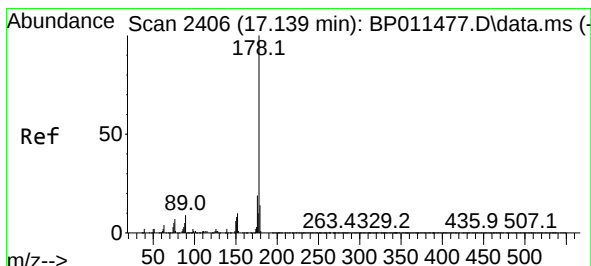
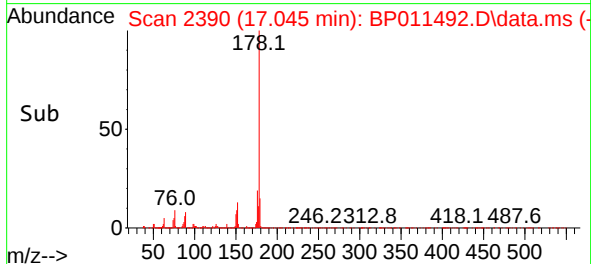
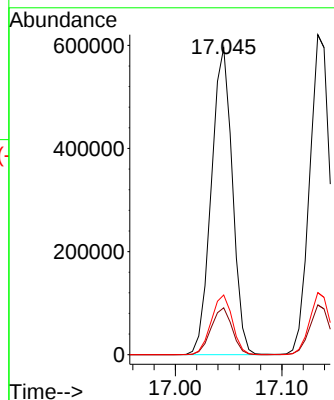
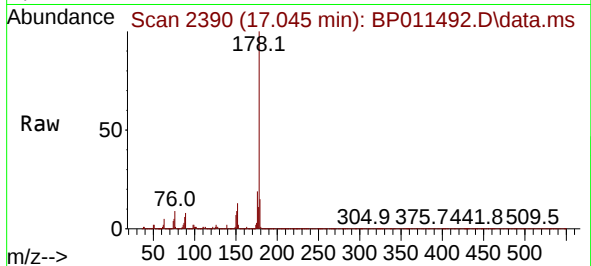




#72
Phenanthrene
Concen: 36.460 ng/ul
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

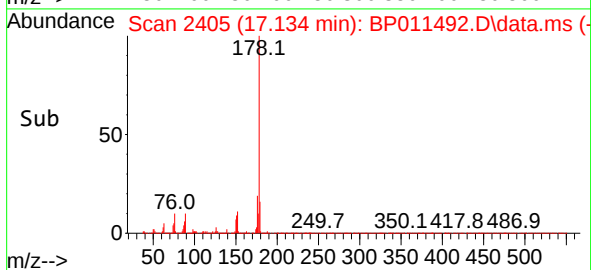
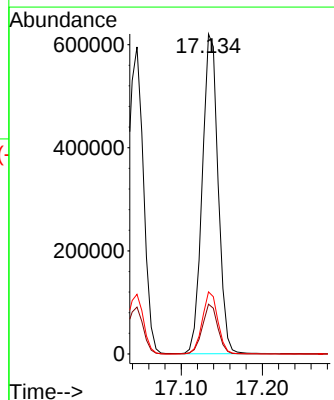
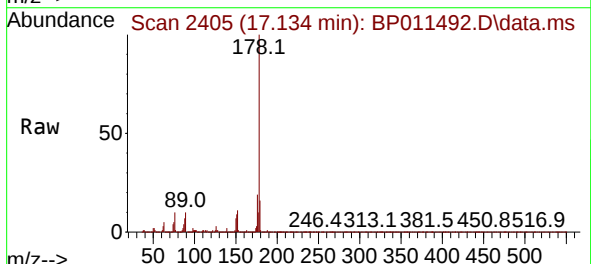
Instrument :
BNA_P
ClientSampleId :

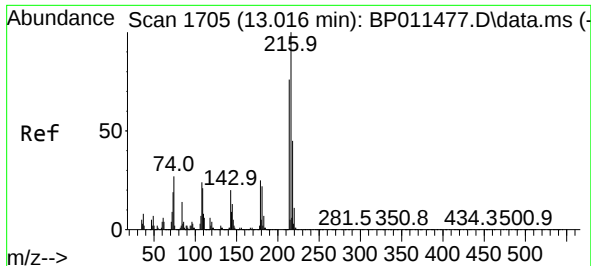
Tgt Ion:178 Resp: 816069
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.5 15.8 23.8



#74
Anthracene
Concen: 37.141 ng/ul
RT: 17.134 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:178 Resp: 838682
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.4 23.0

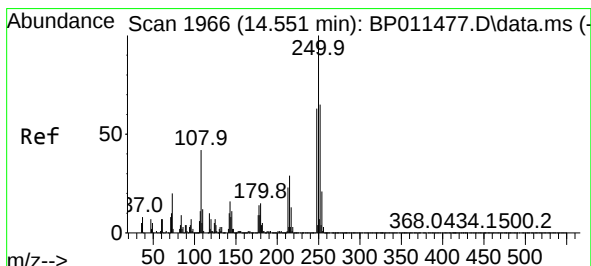
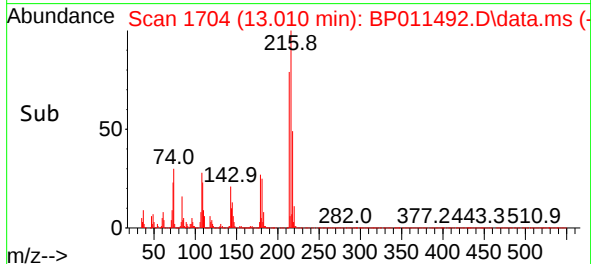
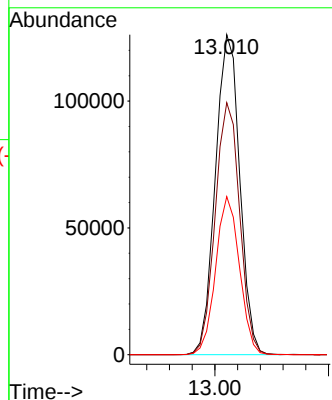
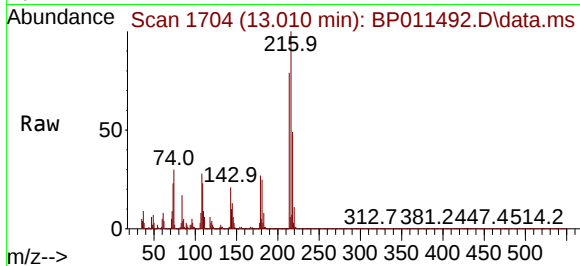




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.440 ng/uL
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

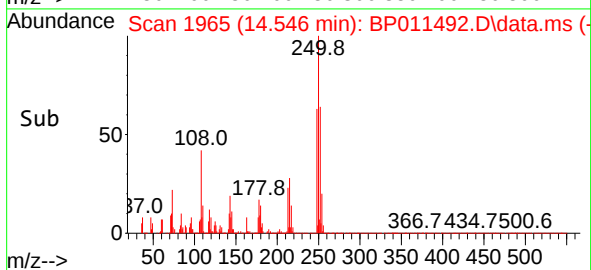
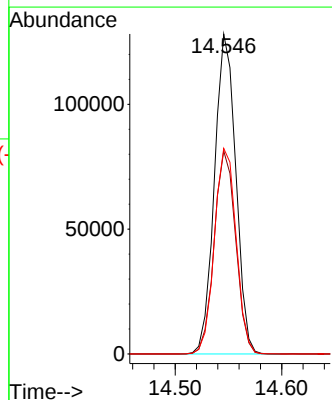
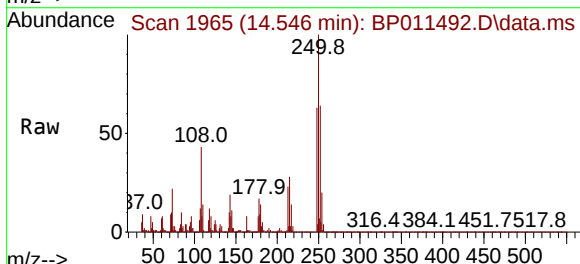
Instrument :
BNA_P
ClientSampleId :

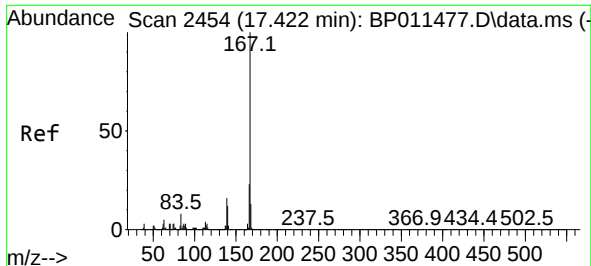
Tgt Ion:216 Resp: 188387
Ion Ratio Lower Upper
216 100
214 78.7 61.8 92.6
218 49.4 37.4 56.0



#76
Pentachlorobenzene
Concen: 35.368 ng/uL
RT: 14.546 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

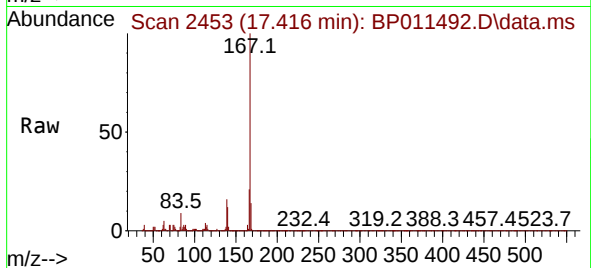
Tgt Ion:250 Resp: 178392
Ion Ratio Lower Upper
250 100
248 63.4 51.7 77.5
252 64.3 50.0 75.0



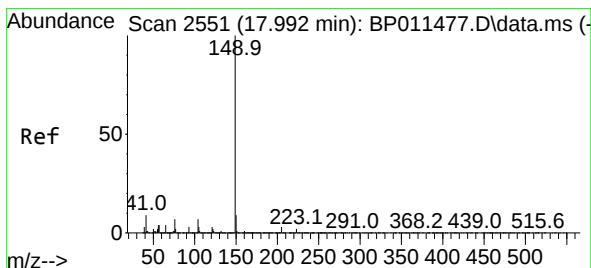
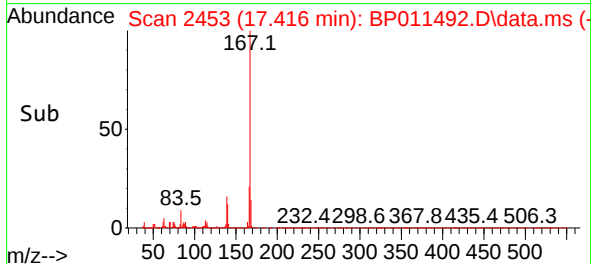
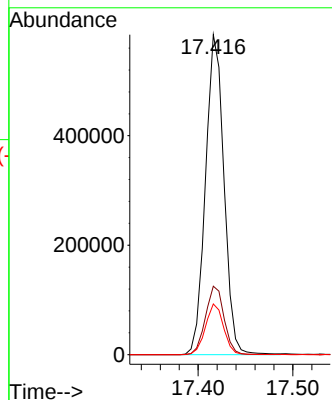


#77
 Carbazole
 Concen: 37.313 ng/ul
 RT: 17.416 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

Instrument :
 BNA_P
 ClientSampleId :

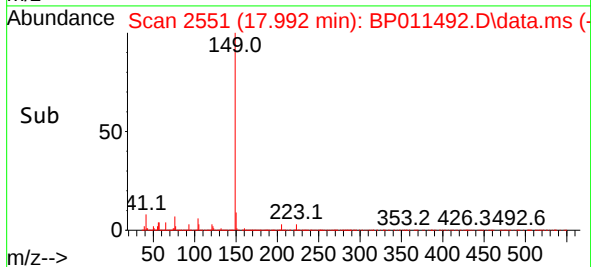
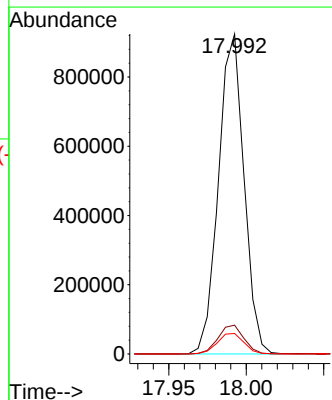
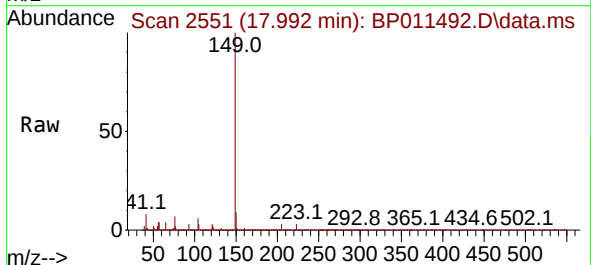


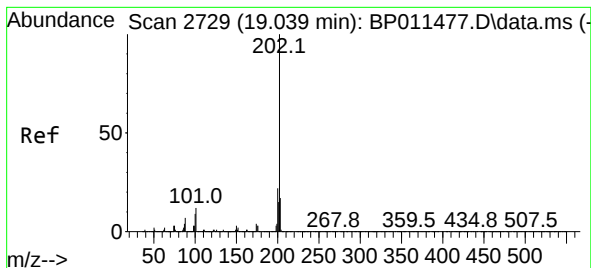
Tgt Ion:167 Resp: 792506
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 15.8 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 40.440 ng/ul
 RT: 17.992 min Scan# 2551
 Delta R.T. 0.000 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

Tgt Ion:149 Resp: 1057726
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 6.4 5.5 8.3





#80

Fluoranthene

Concen: 37.187 ng/ul

RT: 19.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

Instrument :

BNA_P

ClientSampleId :

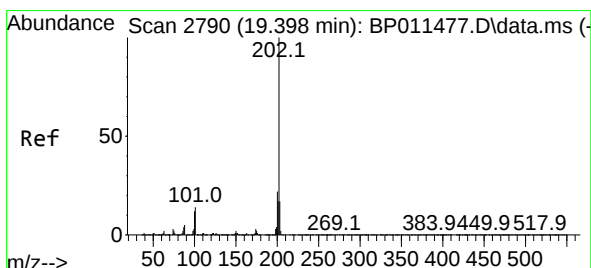
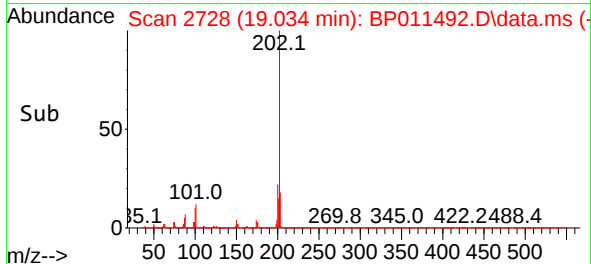
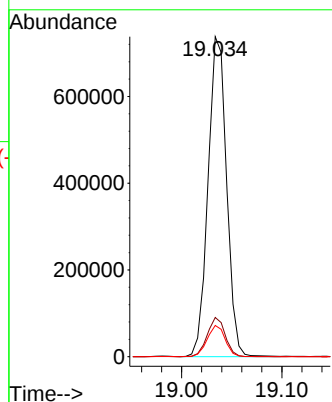
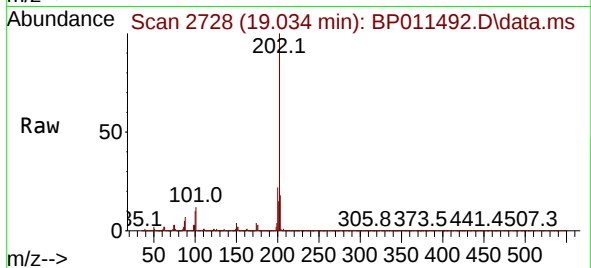
Tgt Ion:202 Resp: 949103

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

100 9.8 7.9 11.9



#82

Pyrene

Concen: 37.062 ng/ul

RT: 19.392 min Scan# 2789

Delta R.T. 0.000 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

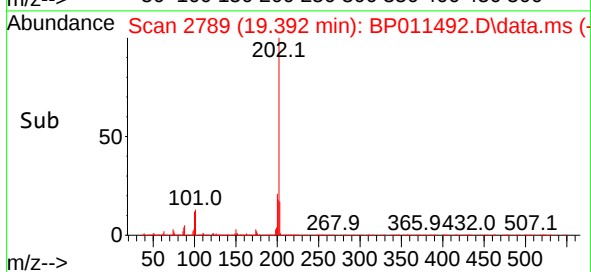
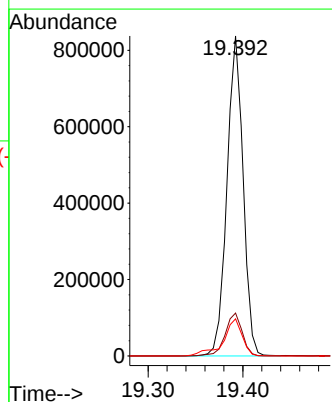
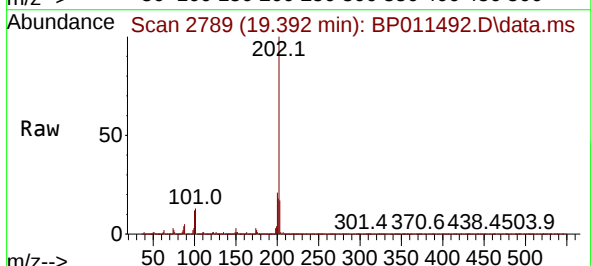
Tgt Ion:202 Resp: 993903

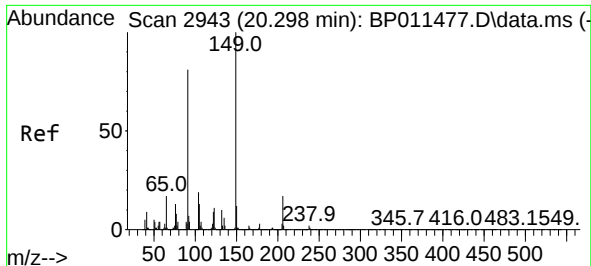
Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.2

100 11.6 9.4 14.0

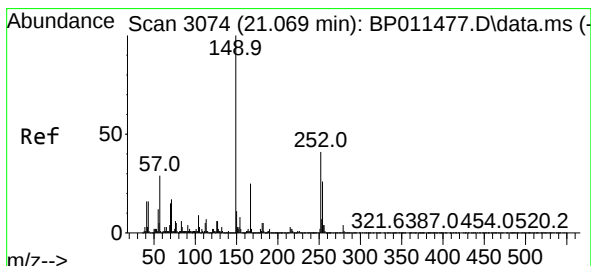
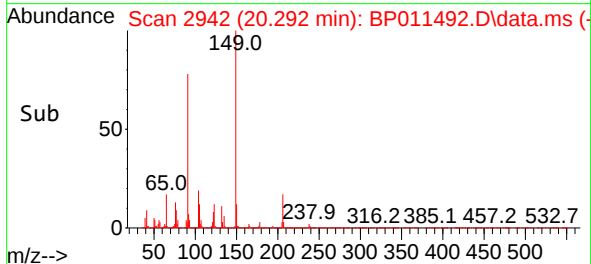
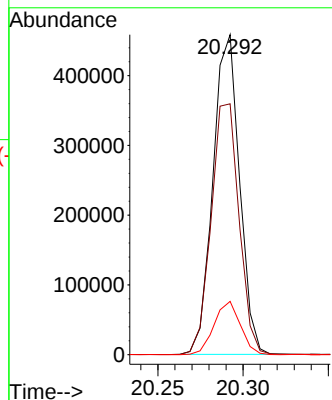
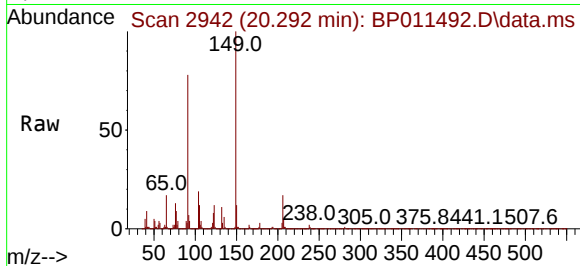




#83
 Butylbenzylphthalate
 Concen: 41.311 ng/ul
 RT: 20.292 min Scan# 2943
 Delta R.T. 0.000 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

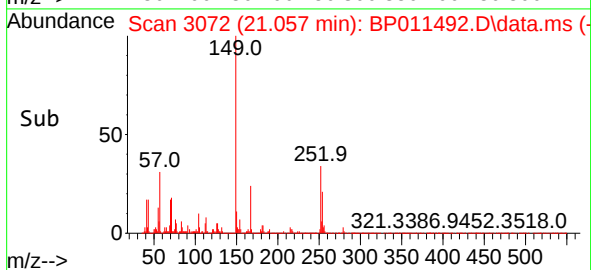
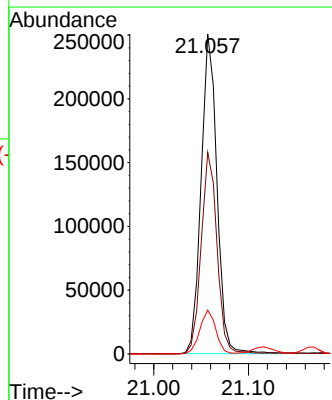
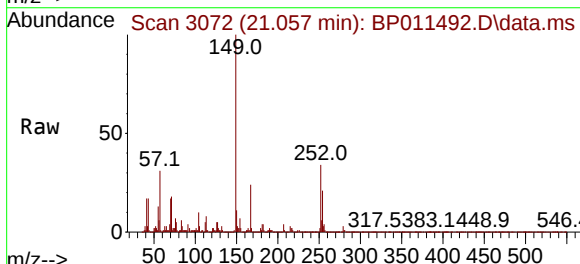
Instrument :
 BNA_P
 ClientSampleId :

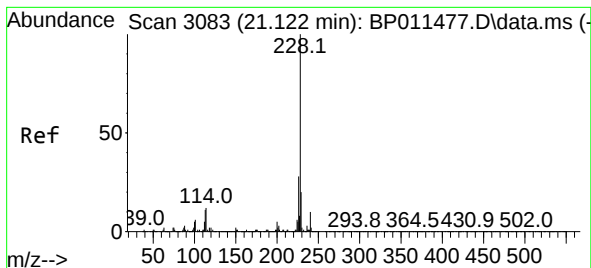
Tgt Ion:149 Resp: 496973
 Ion Ratio Lower Upper
 149 100
 91 78.4 68.5 102.7
 206 16.6 12.6 18.8



#84
 3,3'-Dichlorobenzidine
 Concen: 37.519 ng/ul
 RT: 21.057 min Scan# 3072
 Delta R.T. -0.006 min
 Lab File: BP011492.D
 Acq: 18 Aug 2022 20:57

Tgt Ion:252 Resp: 291352
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.2 76.8
 126 13.7 12.2 18.2





#85

Benzo(a)anthracene

Concen: 38.047 ng/ul

RT: 21.116 min Scan# 3082

Delta R.T. 0.000 min

Lab File: BP011492.D

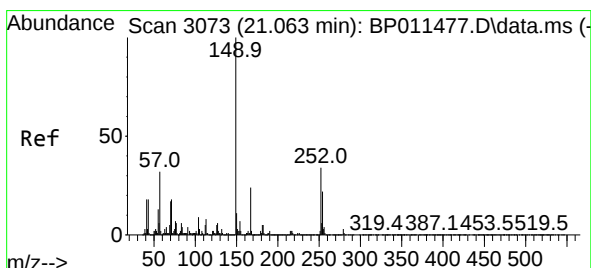
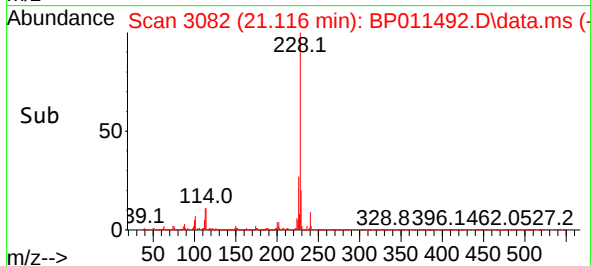
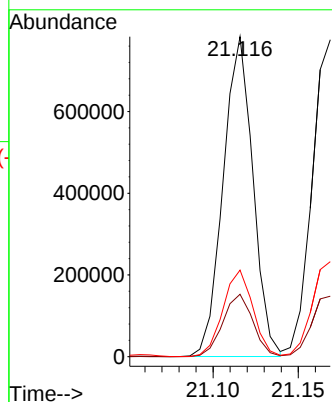
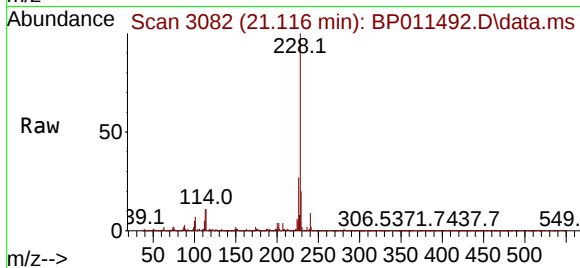
Acq: 18 Aug 2022 20:57

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	228	Resp:	950851
Ion Ratio	Lower	Upper	
228	100		
229	19.5	16.0	24.0
226	27.1	22.6	33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.270 ng/ul

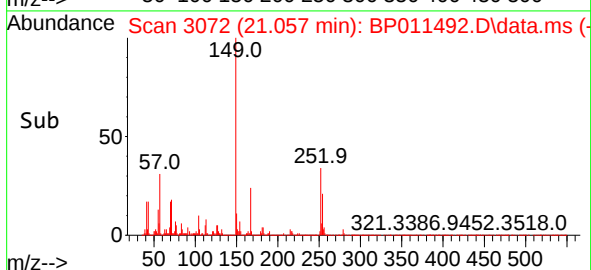
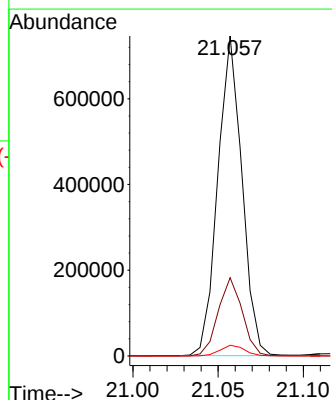
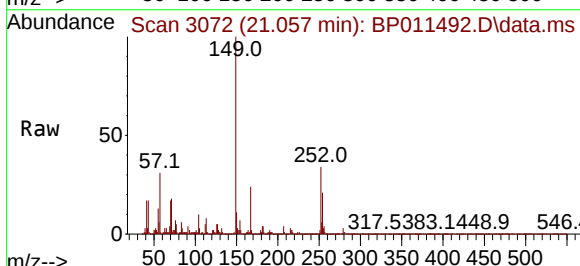
RT: 21.057 min Scan# 3072

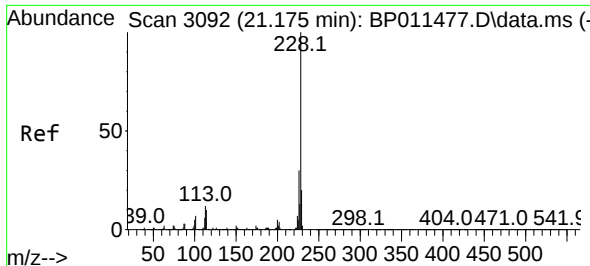
Delta R.T. -0.006 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

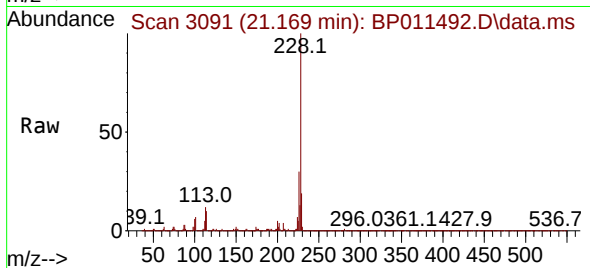
Tgt Ion:	149	Resp:	734714
Ion Ratio	Lower	Upper	
149	100		
167	24.4	19.8	29.8
279	3.3	2.7	4.1



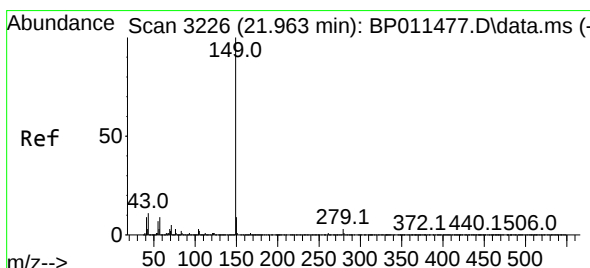
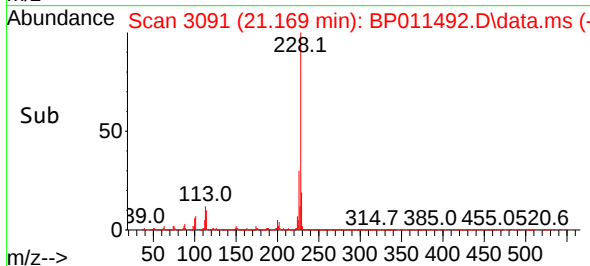
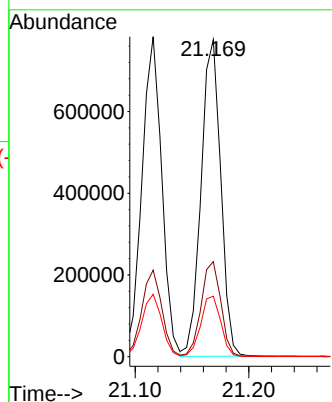


#87
Chrysene
Concen: 37.926 ng/ul
RT: 21.169 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Instrument :
BNA_P
ClientSampleId :

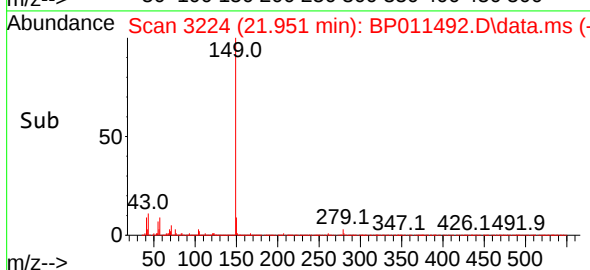
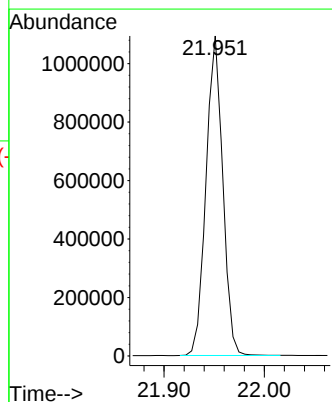
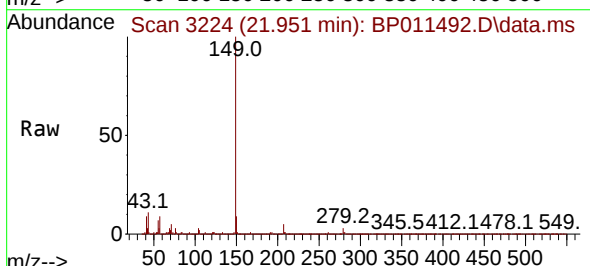


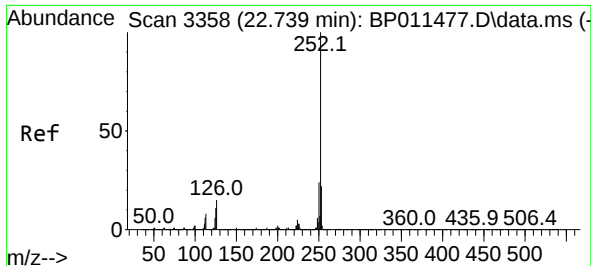
Tgt Ion:228 Resp: 931062
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.1 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 36.820 ng/ul
RT: 21.951 min Scan# 3224
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:149 Resp: 1268852

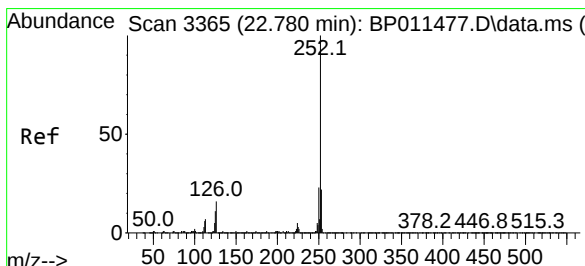
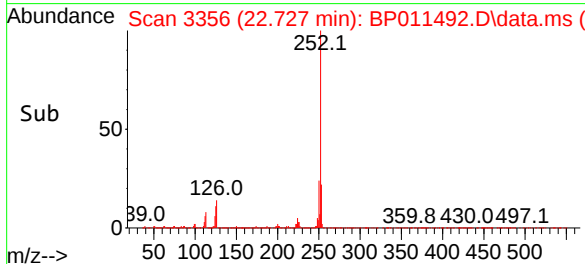
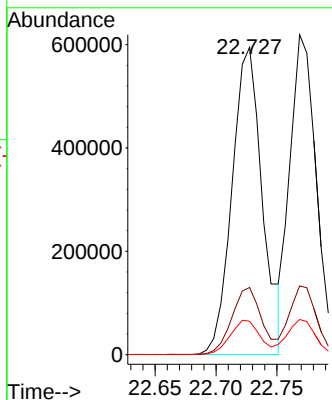
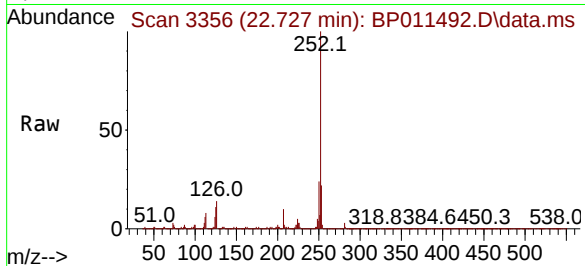




#90
Benzo(b)fluoranthene
Concen: 38.602 ng/ul
RT: 22.727 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

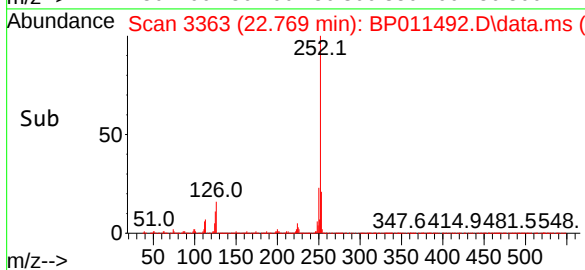
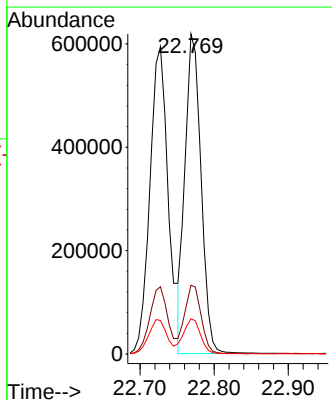
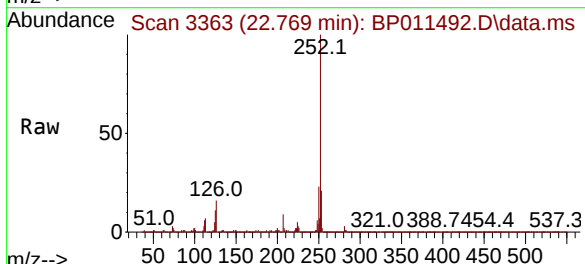
Instrument :
BNA_P
ClientSampleId :

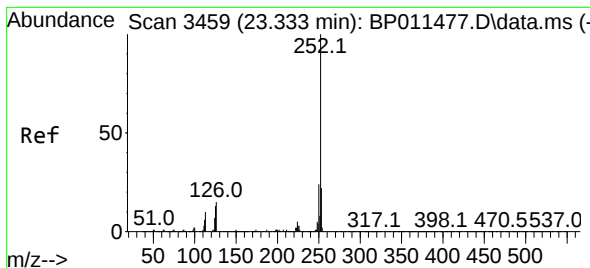
Tgt Ion:252 Resp: 1029391
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.9 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 36.582 ng/ul
RT: 22.769 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BP011492.D
Acq: 18 Aug 2022 20:57

Tgt Ion:252 Resp: 930917
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.0 9.8 14.8





#93

Benzo(a)pyrene

Concen: 37.786 ng/ul

RT: 23.322 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

Instrument :

BNA_P

ClientSampleId :

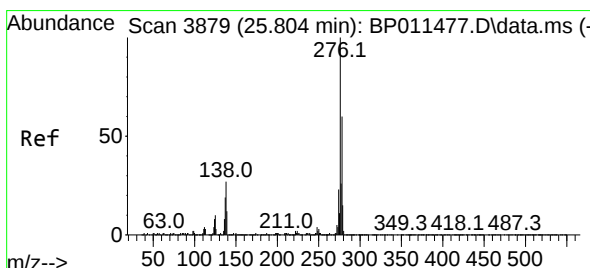
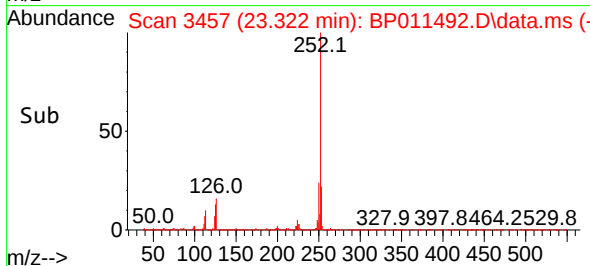
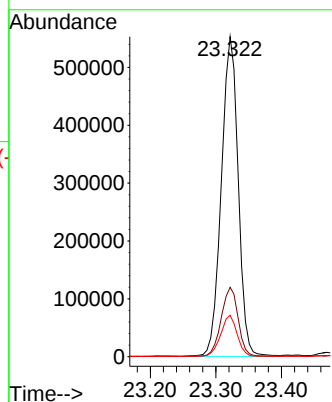
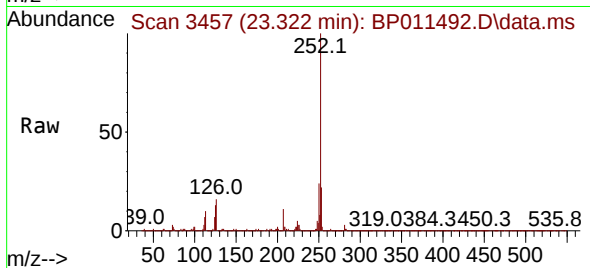
Tgt Ion:252 Resp: 983739

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

125 13.0 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.648 ng/ul

RT: 25.780 min Scan# 3875

Delta R.T. -0.006 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

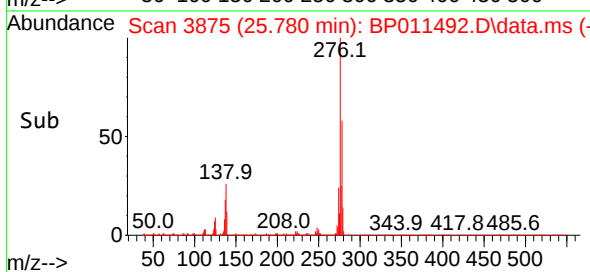
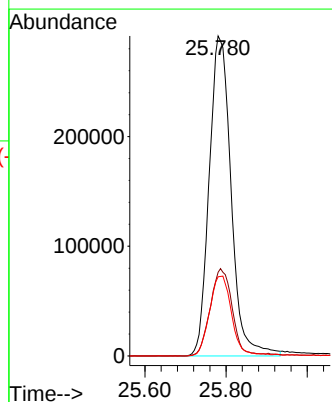
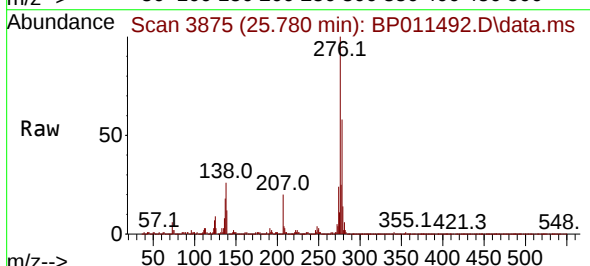
Tgt Ion:276 Resp: 1093266

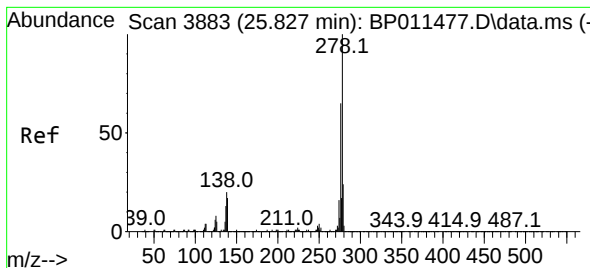
Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.4

277 24.7 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 38.691 ng/ul

RT: 25.804 min Scan# 3998

Delta R.T. 0.000 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

Instrument :

BNA_P

ClientSampleId :

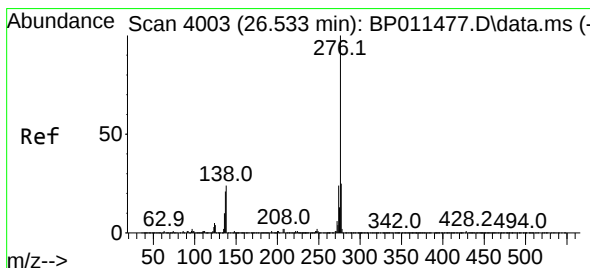
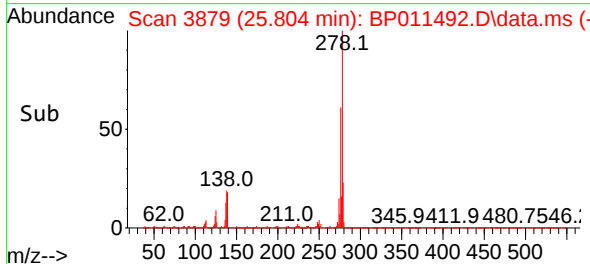
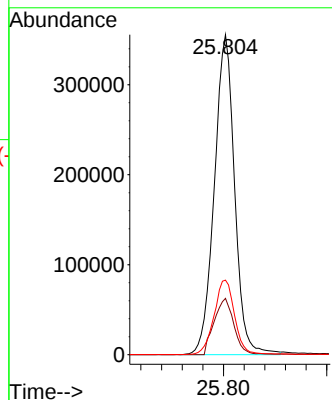
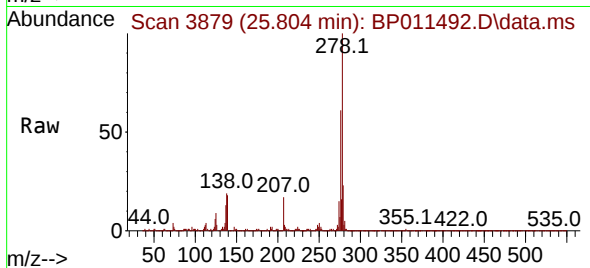
Tgt Ion:278 Resp: 967440

Ion Ratio Lower Upper

278 100

139 17.6 15.4 23.0

279 23.3 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 26.765 ng/ul

RT: 26.504 min Scan# 3998

Delta R.T. -0.006 min

Lab File: BP011492.D

Acq: 18 Aug 2022 20:57

Tgt Ion:276 Resp: 661124

Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.2

277 24.1 19.1 28.7

