

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
 Data File : BP011480.D
 Acq On : 18 Aug 2022 13:40
 Operator : CG/JU
 Sample : PB147103BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 23:15:13 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	7.557	152	90559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.351	136	374585	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.239	164	210727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	410550	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	399202	20.000	ng/u1	0.01
88) Perylene-d12	23.439	264	399942	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	17751	6.083	ng/uL	0.00
4) Pyridine-d5	3.481	84	225085	30.126	ng/u1	0.00
7) Phenol-d5	6.746	99	261608	31.436	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.910	67	164434	30.413	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	208113	34.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	200146	30.048	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	96086	35.630	ng/u1	0.00
24) 2-Nitrophenol-d4	9.445	143	102837	37.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	175865	34.714	ng/u1	0.00
31) 4-Chloroaniline-d4	10.504	131	240739	28.546	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	501531	33.650	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	576987	34.831	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	95783	33.355	ng/u1	0.00
60) Fluorene-d10	15.245	176	406493	32.419	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.380	200	77833	35.085	ng/u1	0.01
73) Anthracene-d10	17.110	188	620322	34.116	ng/u1	0.00
81) Pyrene-d10	19.374	212	677150	33.526	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.298	264	693069	35.625	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	37896	12.454	ng/uL	97
5) Pyridine	3.499	79	223532	29.973	ng/u1	97
6) Benzaldehyde	6.716	77	113664	29.762	ng/u1	95
8) Phenol	6.775	94	261366	30.562	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.004	93	203790	30.548	ng/u1	98
12) 2-Chlorophenol	7.128	128	215283	32.686	ng/u1	96
13) 2-Methylphenol	8.016	108	191496	30.395	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.098	45	288743	29.217	ng/u1	99
16) Acetophenone	8.393	105	313894	28.328	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.381	70	165964	30.112	ng/u1	95
18) 4-Methylphenol	8.351	108	203982	29.244	ng/u1	94
19) Hexachloroethane	8.628	117	97588	32.665	ng/u1	99
22) Nitrobenzene	8.769	77	250246	32.921	ng/u1	96
23) Isophorone	9.298	82	444058	33.280	ng/u1	99
25) 2-Nitrophenol	9.475	139	110371	35.247	ng/u1	96
26) 2,4-Dimethylphenol	9.545	107	238433	32.069	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.787	93	260069	32.245	ng/u1	97
29) 2,4-Dichlorophenol	10.004	162	173947	33.550	ng/u1	97
30) Naphthalene	10.398	128	637719	32.243	ng/u1	99
32) 4-Chloroaniline	10.528	127	187868	21.502	ng/u1	99
33) Hexachlorobutadiene	10.681	225	110678	33.532	ng/u1	96
34) Caprolactam	11.322	113	38149	20.293	ng/u1	97
35) 4-Chloro-3-methylphenol	11.669	107	210363	32.092	ng/u1	98
36) 2-Methylnaphthalene	12.028	142	407101	31.637	ng/u1	98

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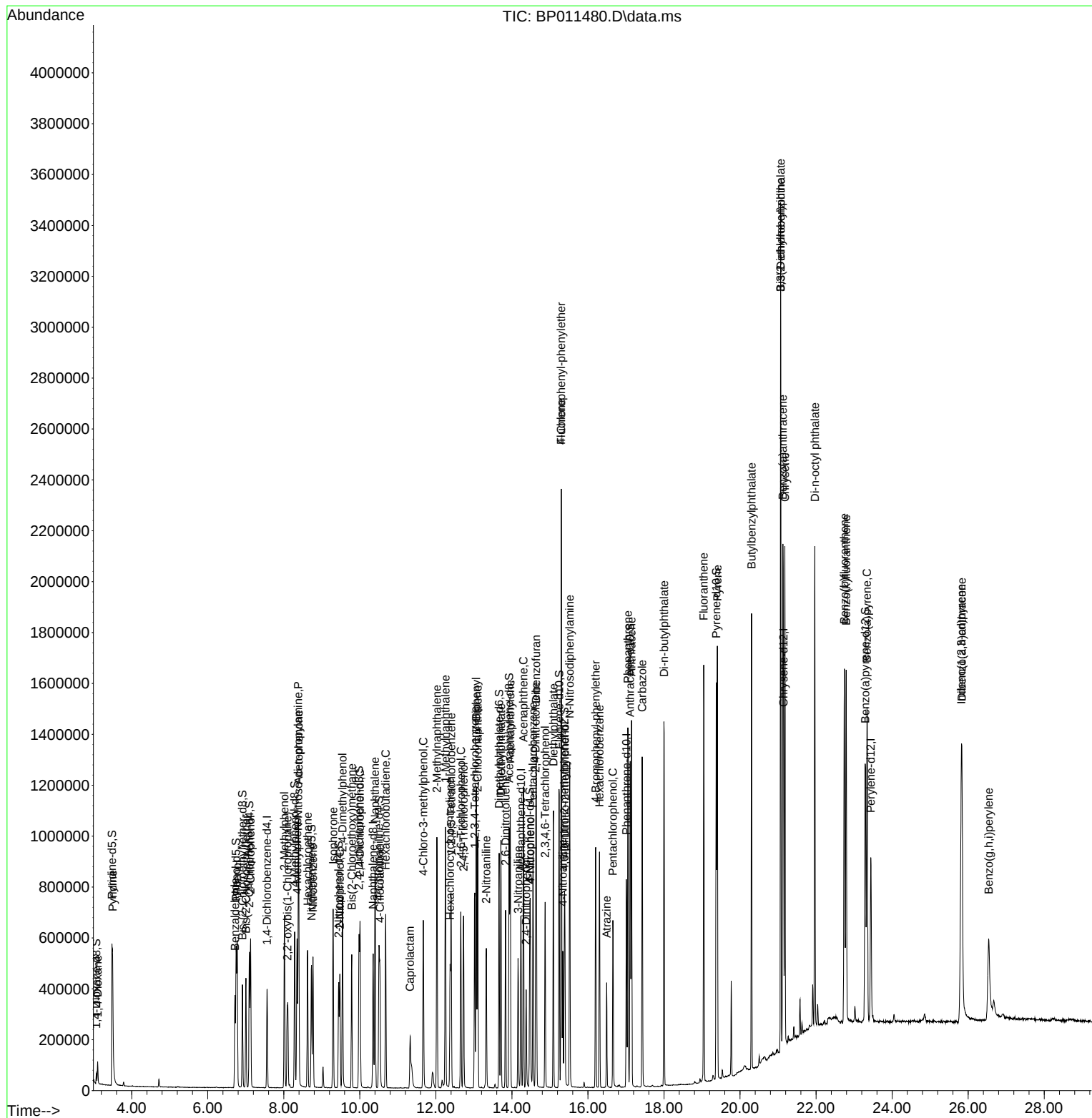
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	402451	30.837	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.404	216	182051	34.037	ng/ul	96
40) Hexachlorocyclopentadiene	12.375	237	96539	29.094	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	120508	35.007	ng/ul	96
42) 2,4,5-Trichlorophenol	12.728	196	130943	34.171	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	519892	33.111	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	396451	33.506	ng/ul	100
45) 2-Nitroaniline	13.328	65	145216	35.960	ng/ul	94
47) Dimethylphthalate	13.710	163	502247	32.604	ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	99777	36.027	ng/ul	98
50) Acenaphthylene	13.957	152	655200	33.294	ng/ul	98
51) 3-Nitroaniline	14.163	138	103069	34.167	ng/ul	97
52) Acenaphthene	14.304	153	424647	32.216	ng/ul	99
53) 2,4-Dinitrophenol	14.375	184	56908	33.572	ng/ul	94
55) 4-Nitrophenol	14.486	109	107122	31.309	ng/ul	95
56) Dibenzofuran	14.639	168	582175	32.028	ng/ul	100
57) 2,4-Dinitrotoluene	14.627	165	147637	35.609	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.875	232	98508	32.743	ng/ul	99
59) Diethylphthalate	15.092	149	554571	32.869	ng/ul	100
61) Fluorene	15.298	166	472080	31.746	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.298	204	215325	32.053	ng/ul	97
63) 4-Nitroaniline	15.339	138	101746	34.918	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.392	198	78765	34.324	ng/ul	92
67) N-Nitrosodiphenylamine	15.522	169	404499	33.583	ng/ul	100
68) 4-Bromophenyl-phenylether	16.204	248	123687	33.749	ng/ul	94
69) Hexachlorobenzene	16.304	284	143305	33.929	ng/ul	98
70) Atrazine	16.492	200	58201	12.948	ng/ul	99
71) Pentachlorophenol	16.657	266	82221	31.395	ng/ul	98
72) Phenanthrene	17.051	178	726866	32.710	ng/ul	99
74) Anthracene	17.145	178	736297	32.843	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	180351	34.174	ng/uL	99
76) Pentachlorobenzene	14.557	250	168366	33.621	ng/uL	98
77) Carbazole	17.427	167	689816	32.713	ng/ul	99
78) Di-n-butylphthalate	17.998	149	938157	36.128	ng/ul	99
80) Fluoranthene	19.045	202	828783	33.367	ng/ul	99
82) Pyrene	19.404	202	863235	33.076	ng/ul	99
83) Butylbenzylphthalate	20.304	149	440993	37.667	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.068	252	253347	33.524	ng/ul	99
85) Benzo(a)anthracene	21.127	228	817447	33.610	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.068	149	664843	38.374	ng/ul	100
87) Chrysene	21.180	228	806548	33.758	ng/ul	99
89) Di-n-octyl phthalate	21.968	149	1142201	35.528	ng/ul	100
90) Benzo(b)fluoranthene	22.745	252	876491	35.231	ng/ul	99
91) Benzo(k)fluoranthene	22.792	252	801848	33.775	ng/ul	97
93) Benzo(a)pyrene	23.339	252	839266	34.554	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	855389	31.574	ng/ul	96
95) Dibenzo(a,h)anthracene	25.833	278	784483	33.630	ng/ul	97
96) Benzo(g,h,i)perylene	26.539	276	488597	21.202	ng/ul	98

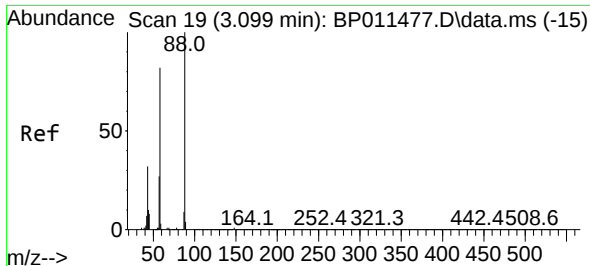
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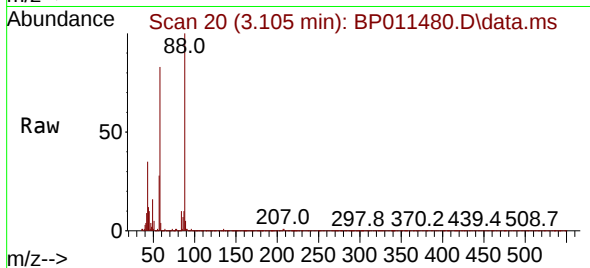
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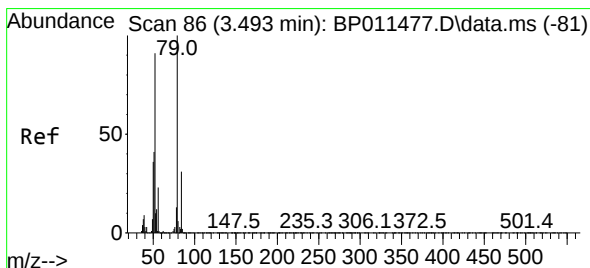
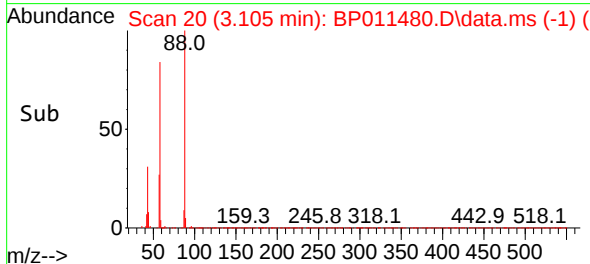
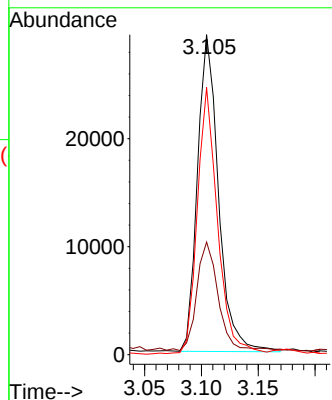
#2
1,4-Dioxane
Concen: 12.454 ng/uL
RT: 3.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 88 Resp: 37896

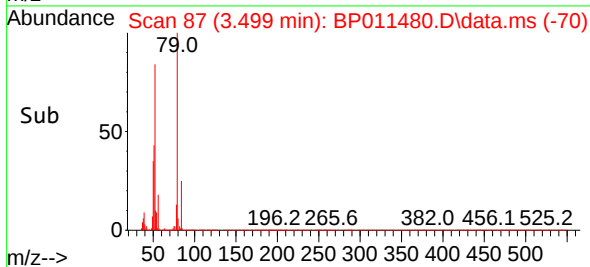
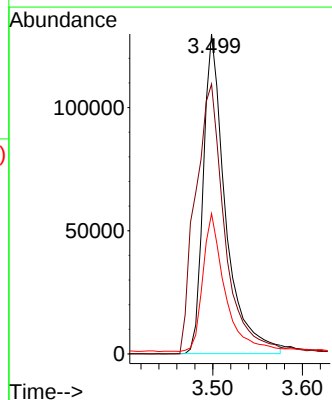
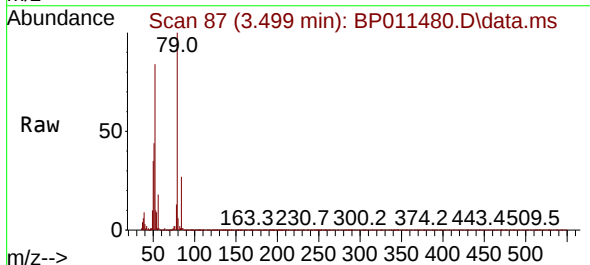
Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.0	43.4
58	83.5	64.7	97.1

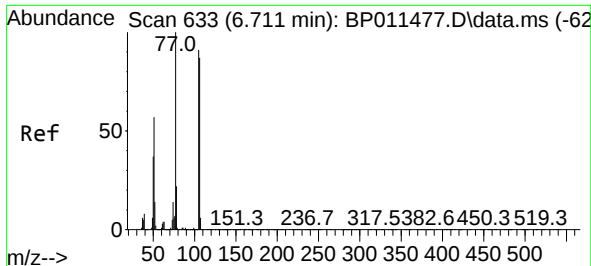


#5
Pyridine
Concen: 29.973 ng/uL
RT: 3.499 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion: 79 Resp: 223532

Ion	Ratio	Lower	Upper
79	100		
52	84.4	70.2	105.2
51	43.9	36.1	54.1

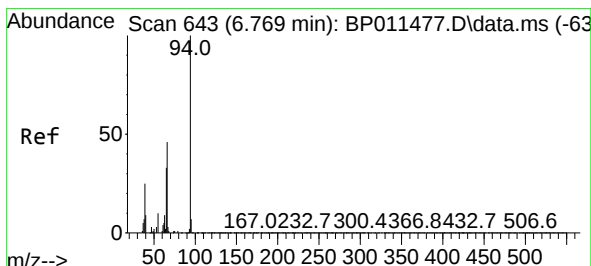
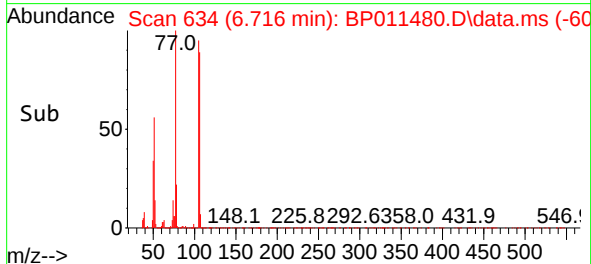
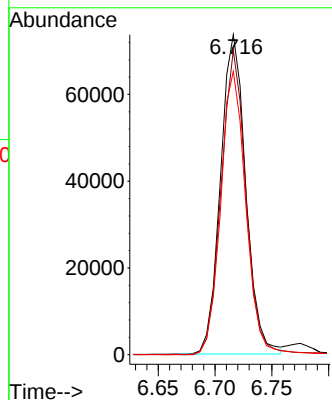
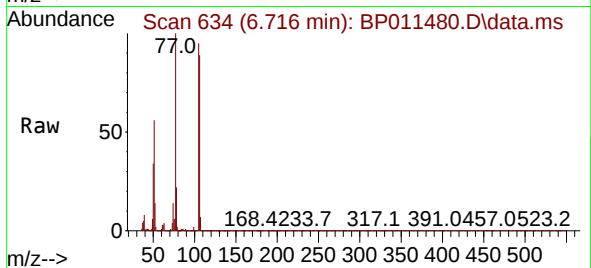




#6
Benzaldehyde
Concen: 29.762 ng/ul
RT: 6.716 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

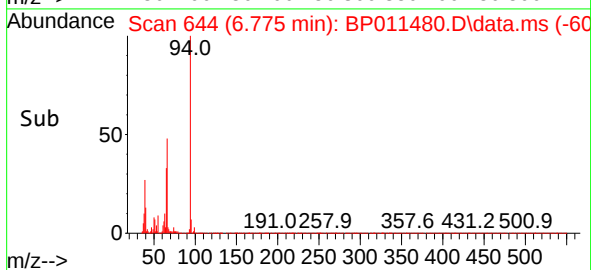
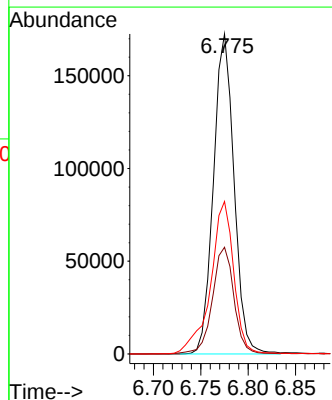
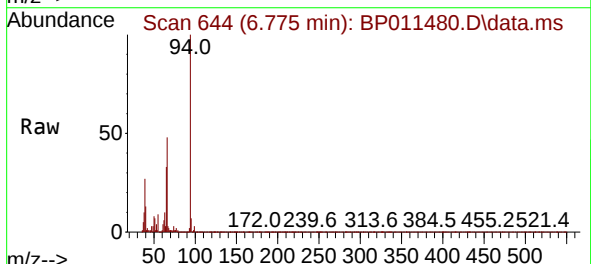
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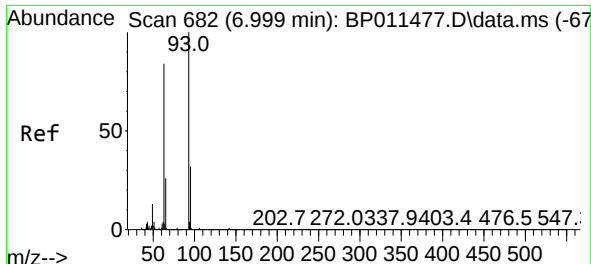
Tgt Ion: 77 Resp: 113664
Ion Ratio Lower Upper
77 100
105 95.1 72.0 108.0
106 88.6 67.4 101.0



#8
Phenol
Concen: 30.562 ng/ul
RT: 6.775 min Scan# 644
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion: 94 Resp: 261366
Ion Ratio Lower Upper
94 100
65 33.3 28.9 43.3
66 47.7 39.4 59.0

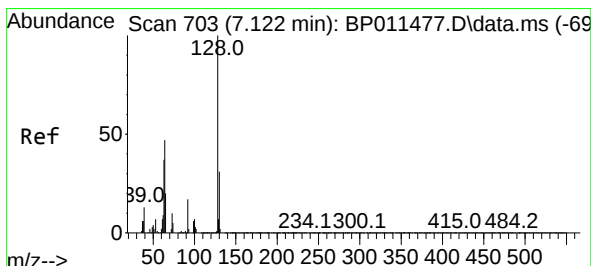
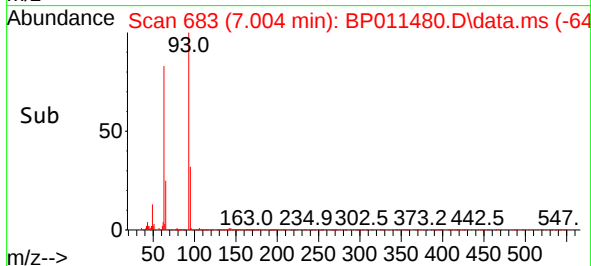
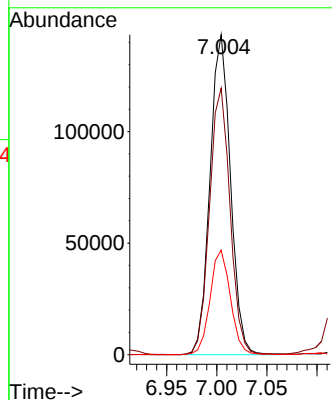
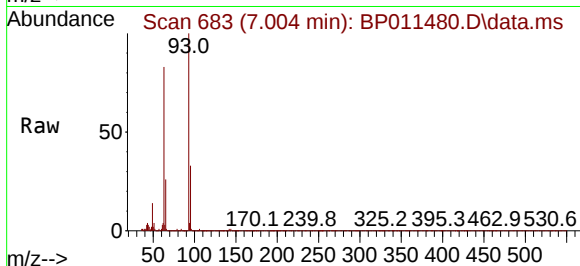




#10
Bis(2-Chloroethyl)ether
Concen: 30.548 ng/ul
RT: 7.004 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

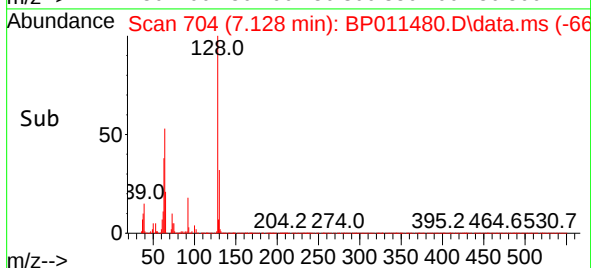
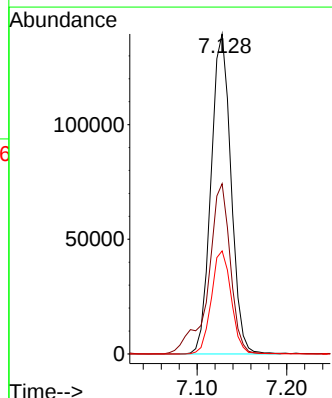
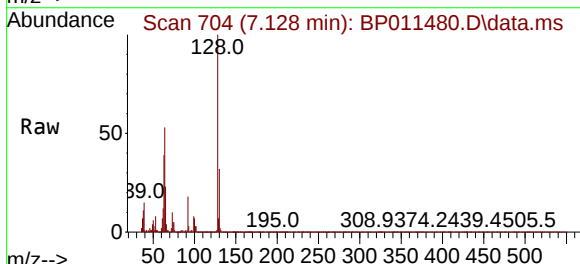
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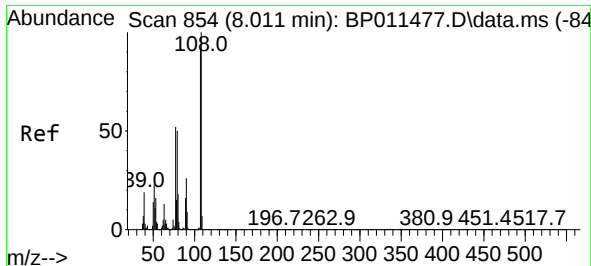
Tgt Ion: 93 Resp: 203790
Ion Ratio Lower Upper
93 100
63 83.3 67.8 101.6
95 32.7 25.0 37.6



#12
2-Chlorophenol
Concen: 32.686 ng/ul
RT: 7.128 min Scan# 704
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:128 Resp: 215283
Ion Ratio Lower Upper
128 100
64 53.2 40.2 60.2
130 32.2 24.6 37.0





#13

2-Methylphenol

Concen: 30.395 ng/ul

RT: 8.016 min Scan# 8

Delta R.T. -0.000 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

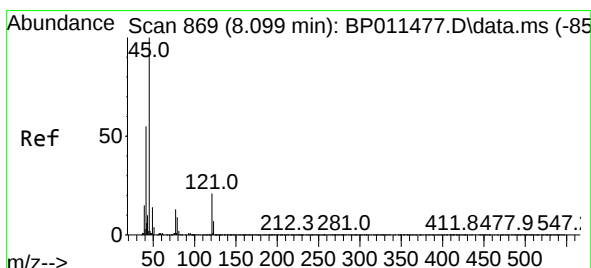
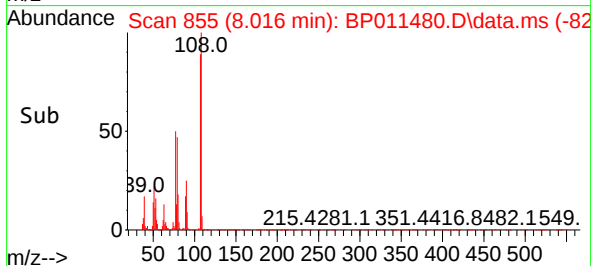
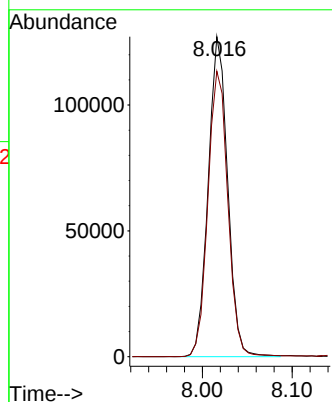
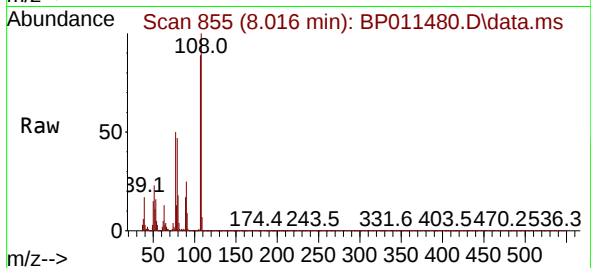
ClientSampleId :

Tgt Ion:108 Resp: 191496

Ion Ratio Lower Upper

108 100

107 89.2 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.217 ng/ul

RT: 8.098 min Scan# 869

Delta R.T. -0.006 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

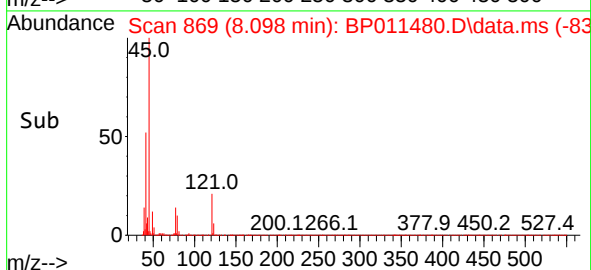
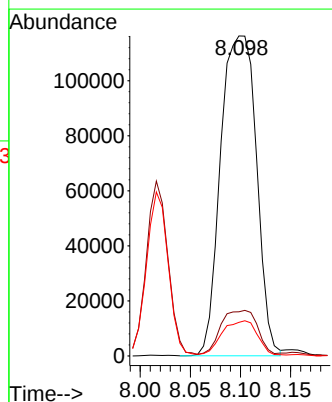
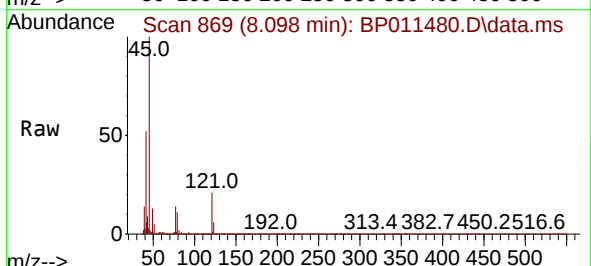
Tgt Ion: 45 Resp: 288743

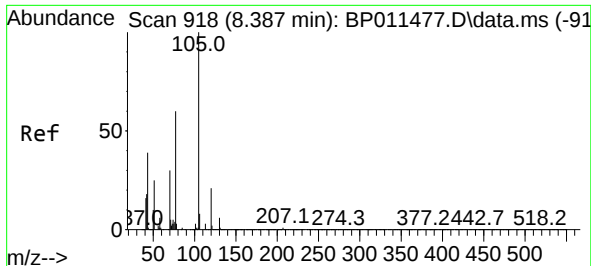
Ion Ratio Lower Upper

45 100

77 13.8 11.4 17.0

79 10.5 8.6 13.0

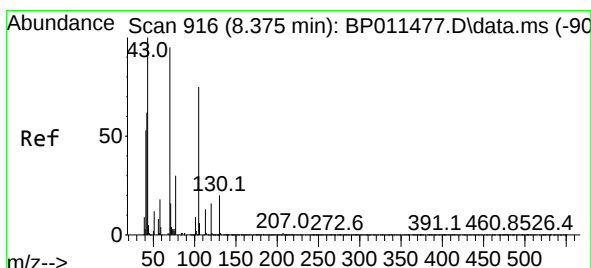
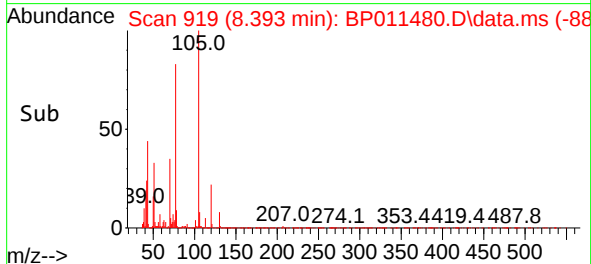
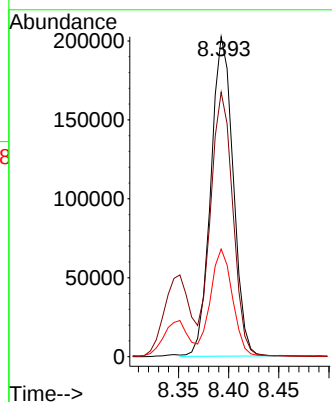
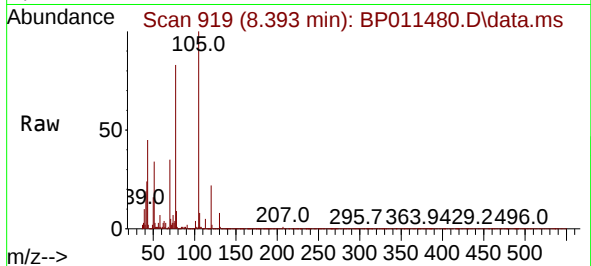




#16
Acetophenone
Concen: 28.328 ng/ul
RT: 8.393 min Scan# 918
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

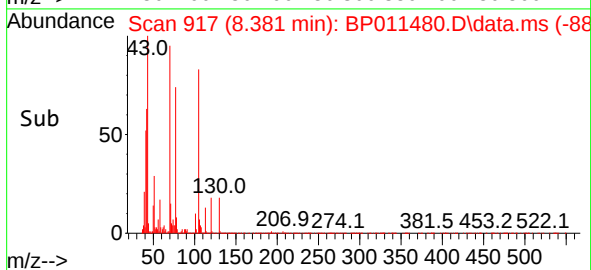
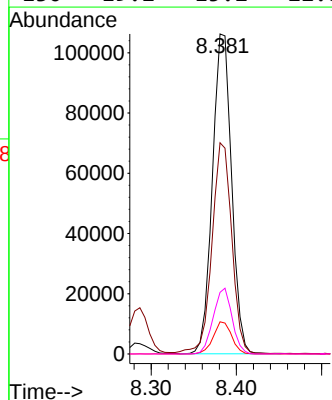
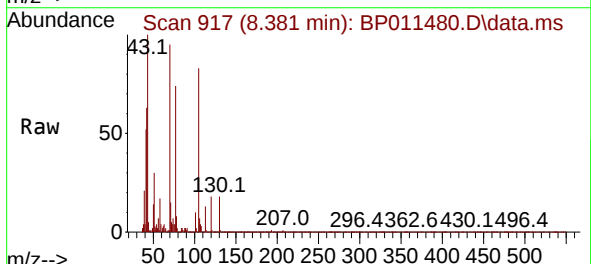
Instrument :
BNA_P
ClientSampleId :

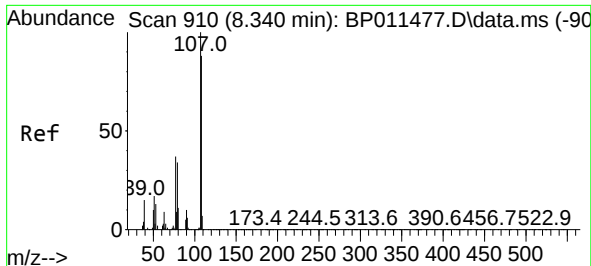
Tgt Ion:105 Resp: 313894
Ion Ratio Lower Upper
105 100
77 82.6 66.4 99.6
51 33.7 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.112 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion: 70 Resp: 165964
Ion Ratio Lower Upper
70 100
42 66.0 57.0 85.4
101 10.0 7.6 11.4
130 19.2 15.2 22.8

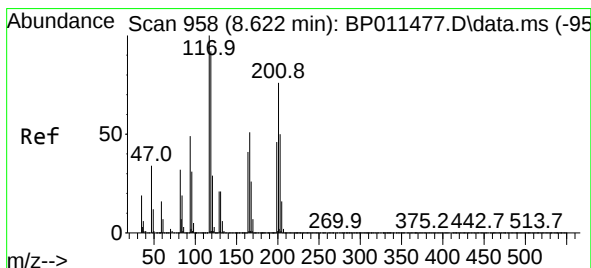
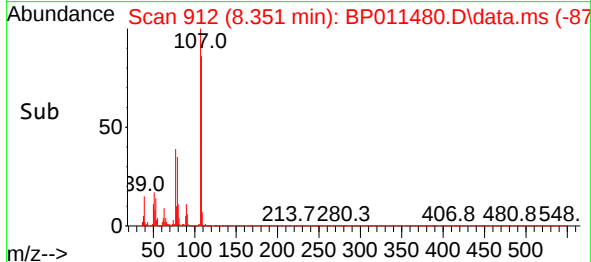
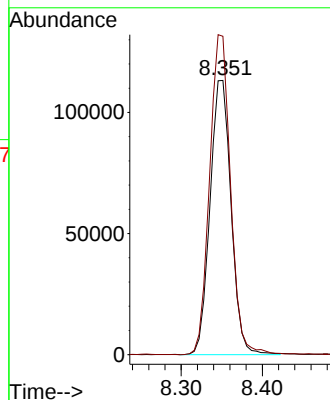
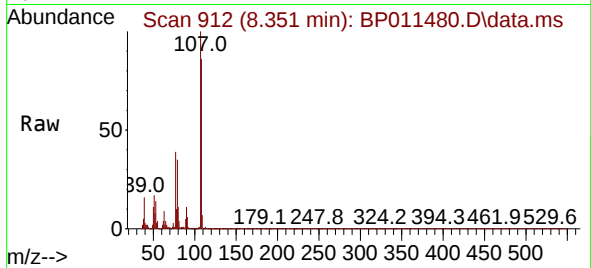




#18
4-Methylphenol
Concen: 29.244 ng/ul
RT: 8.351 min Scan# 911
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

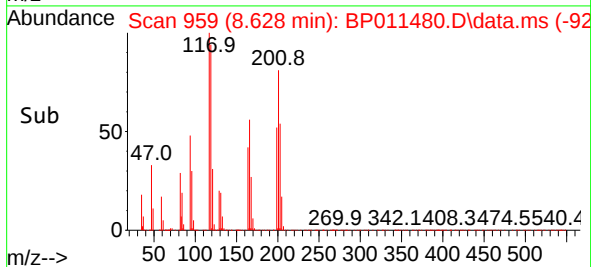
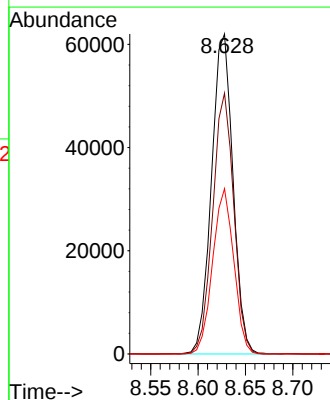
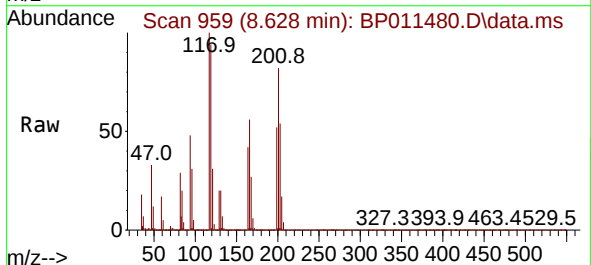
Instrument :
BNA_P
ClientSampleId :

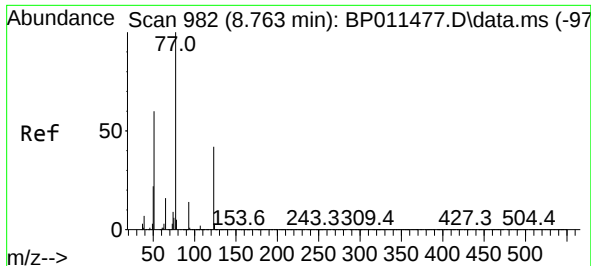
Tgt Ion:108 Resp: 203982
Ion Ratio Lower Upper
108 100
107 116.1 87.7 131.5



#19
Hexachloroethane
Concen: 32.665 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:117 Resp: 97588
Ion Ratio Lower Upper
117 100
201 81.5 64.2 96.4
199 51.7 41.0 61.6

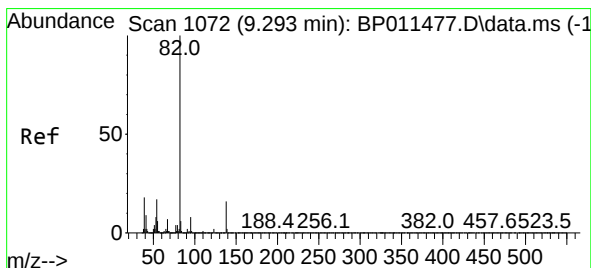
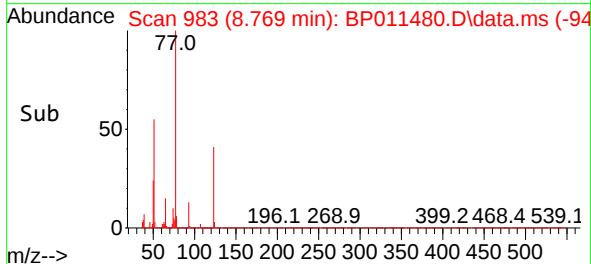
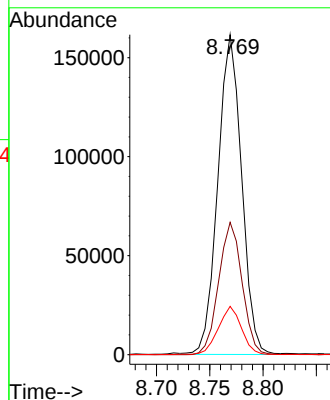
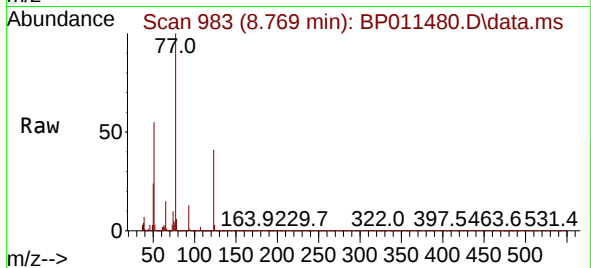




#22
Nitrobenzene
Concen: 32.921 ng/ul
RT: 8.769 min Scan# 91
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

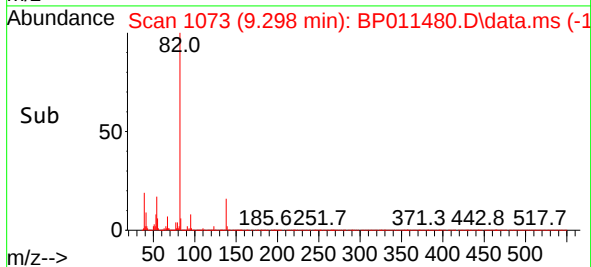
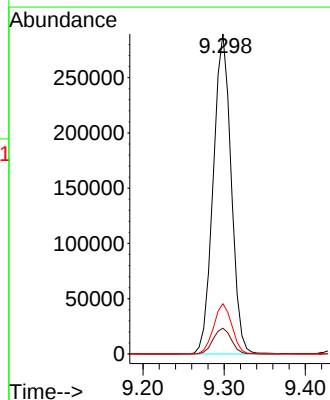
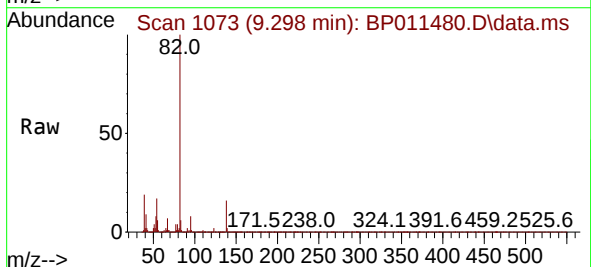
Instrument :
BNA_P
ClientSampleId :

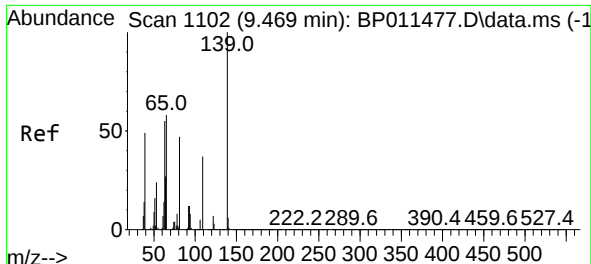
Tgt Ion: 77 Resp: 250246
Ion Ratio Lower Upper
77 100
123 41.4 30.4 45.6
65 15.1 11.5 17.3



#23
Isophorone
Concen: 33.280 ng/ul
RT: 9.298 min Scan# 1073
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion: 82 Resp: 444058
Ion Ratio Lower Upper
82 100
95 8.1 7.1 10.7
138 15.7 12.6 19.0

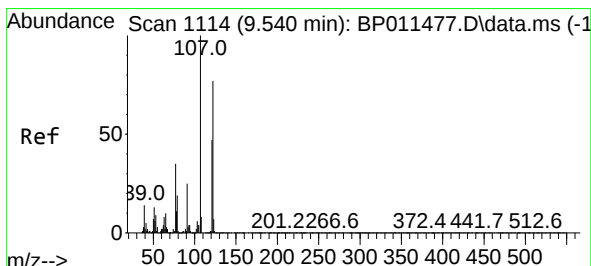
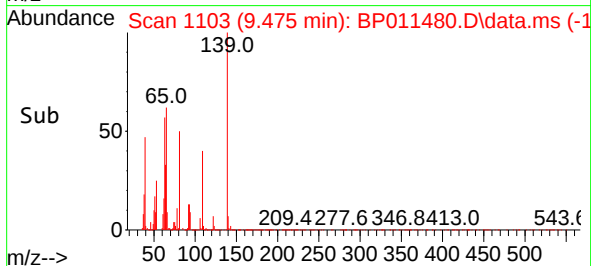
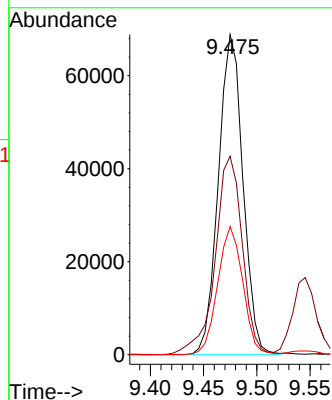
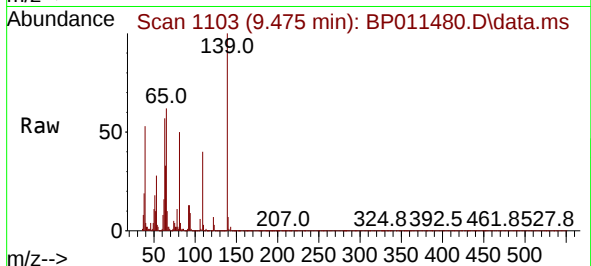




#25
2-Nitrophenol
Concen: 35.247 ng/ul
RT: 9.475 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

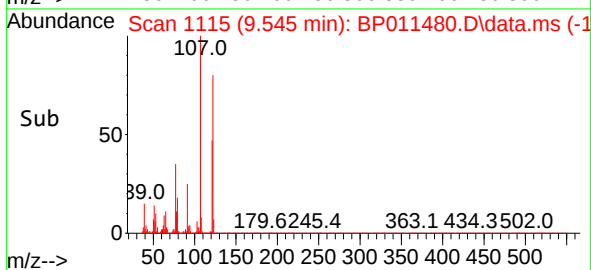
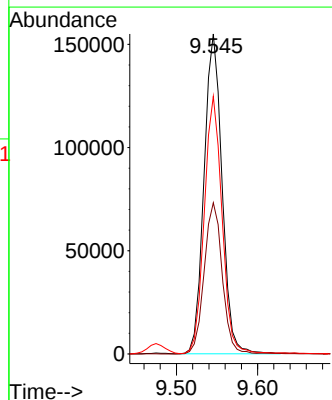
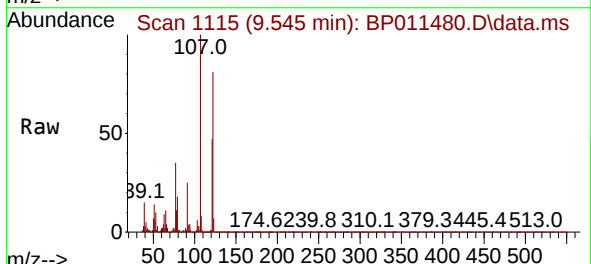
Instrument :
BNA_P
ClientSampleId :

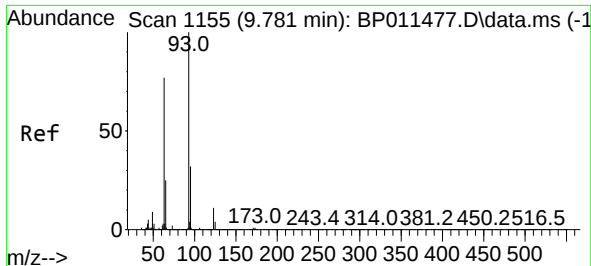
Tgt Ion:139 Resp: 110371
Ion Ratio Lower Upper
139 100
65 62.0 50.4 75.6
109 40.0 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 32.069 ng/ul
RT: 9.545 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:107 Resp: 238433
Ion Ratio Lower Upper
107 100
121 47.3 36.6 55.0
122 80.5 58.7 88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 32.245 ng/ul

RT: 9.787 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

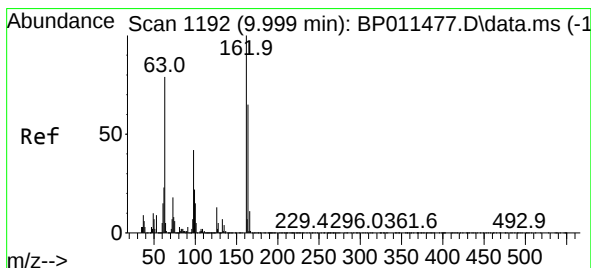
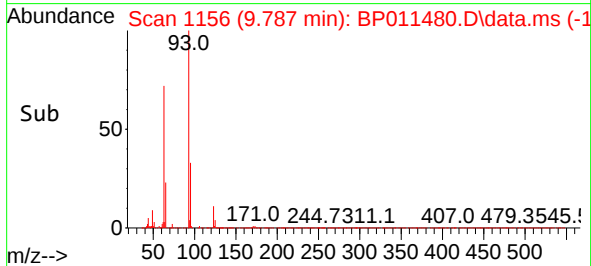
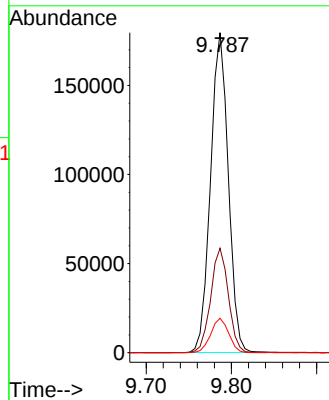
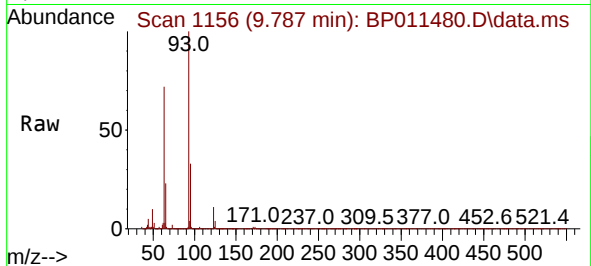
Tgt Ion: 93 Resp: 260069

Ion Ratio Lower Upper

93 100

95 32.7 24.8 37.2

123 10.8 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 33.550 ng/ul

RT: 10.004 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

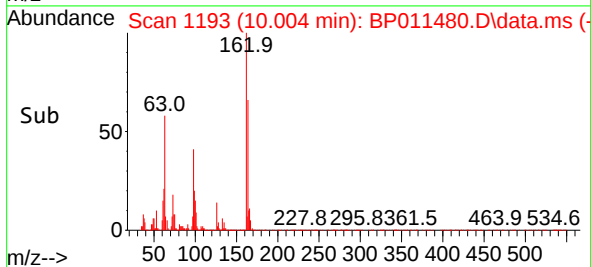
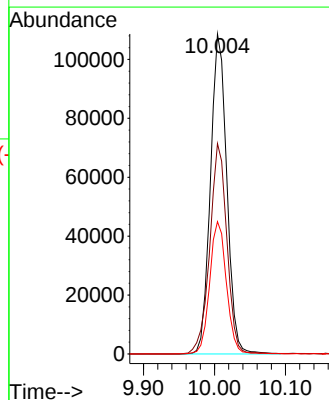
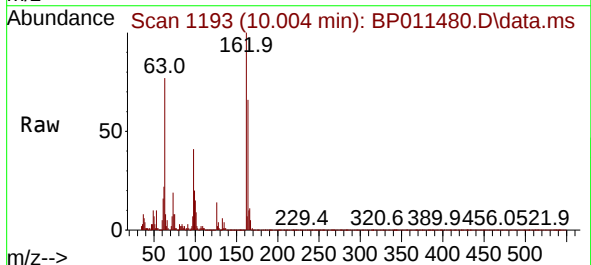
Tgt Ion: 162 Resp: 173947

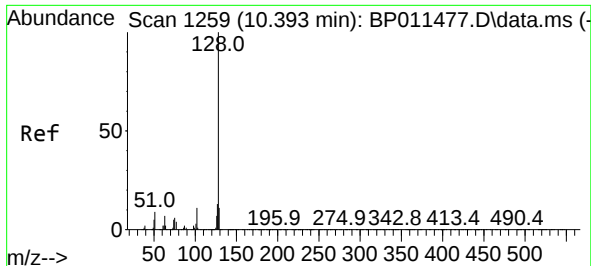
Ion Ratio Lower Upper

162 100

164 65.7 50.2 75.2

98 41.3 32.9 49.3

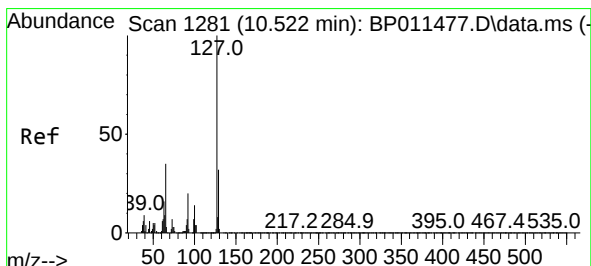
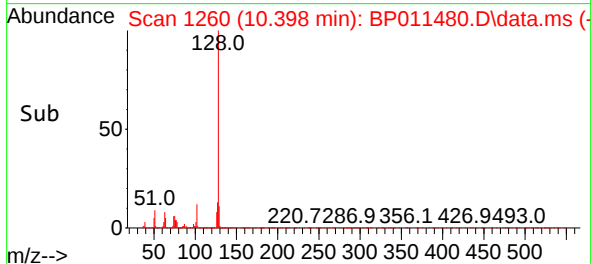
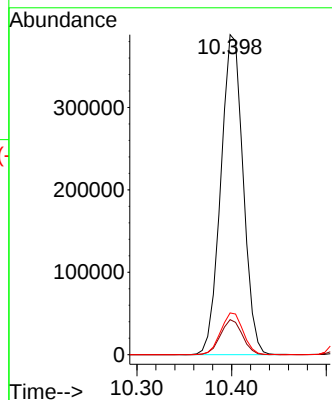
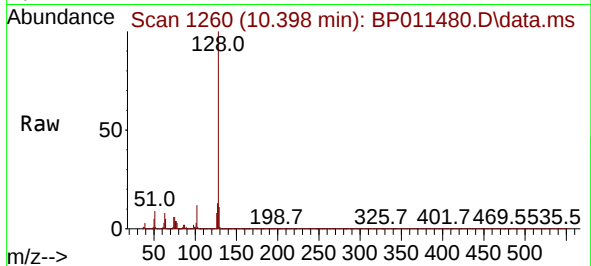




#30
Naphthalene
Concen: 32.243 ng/ul
RT: 10.398 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

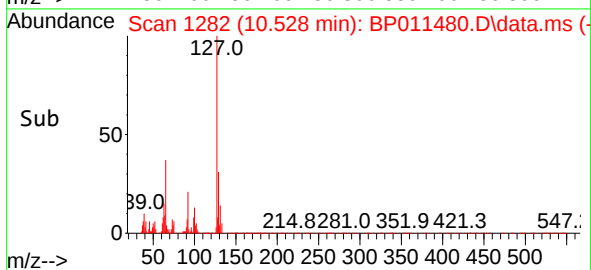
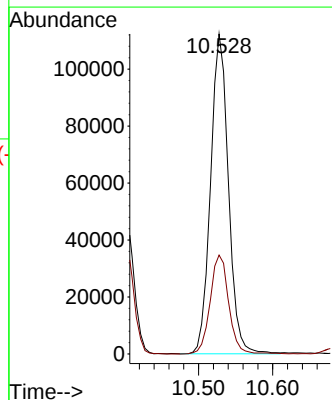
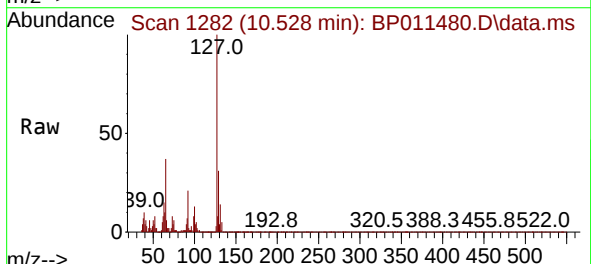
Instrument :
BNA_P
ClientSampleId :

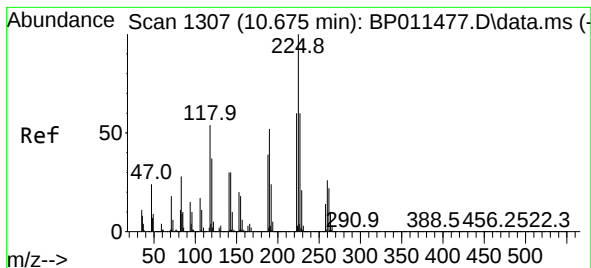
Tgt Ion:128 Resp: 637719
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 21.502 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:127 Resp: 187868
Ion Ratio Lower Upper
127 100
129 30.9 25.1 37.7





#33

Hexachlorobutadiene

Concen: 33.532 ng/ul

RT: 10.681 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

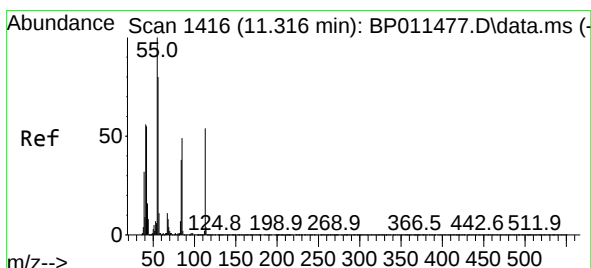
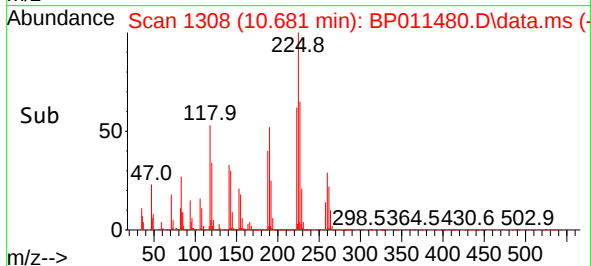
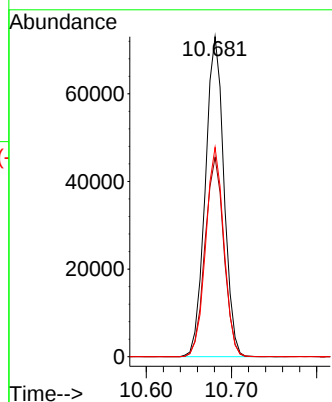
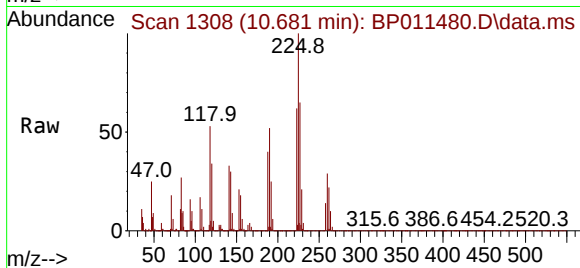
Tgt Ion:225 Resp: 110678

Ion Ratio Lower Upper

225 100

223 62.3 47.8 71.8

227 65.4 50.0 75.0



#34

Caprolactam

Concen: 20.293 ng/ul

RT: 11.322 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

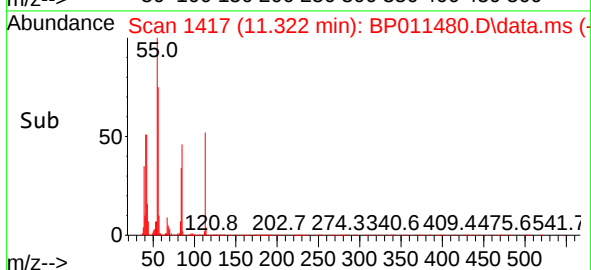
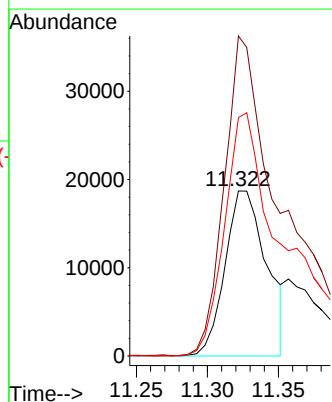
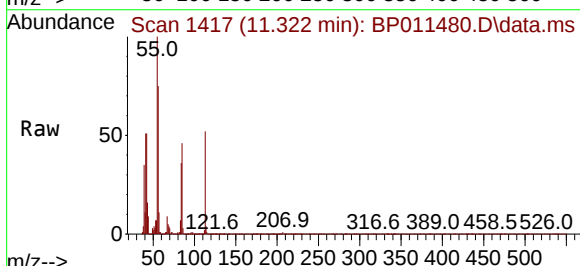
Tgt Ion:113 Resp: 38149

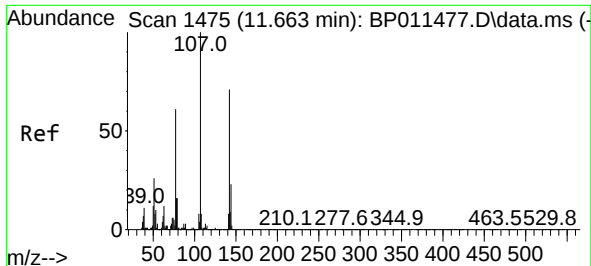
Ion Ratio Lower Upper

113 100

55 194.0 153.4 230.2

56 144.6 119.6 179.4

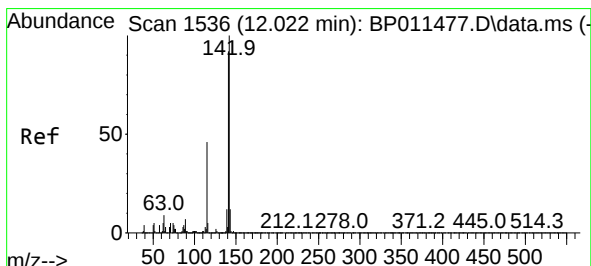
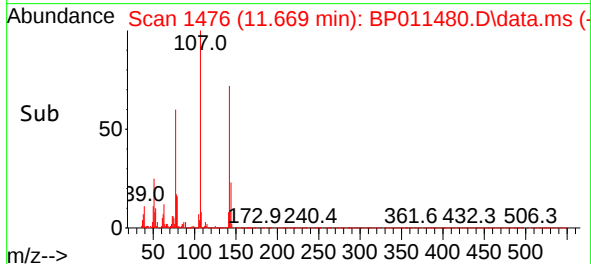
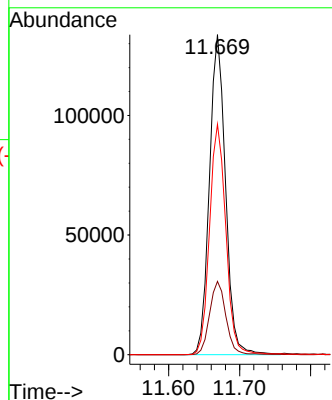
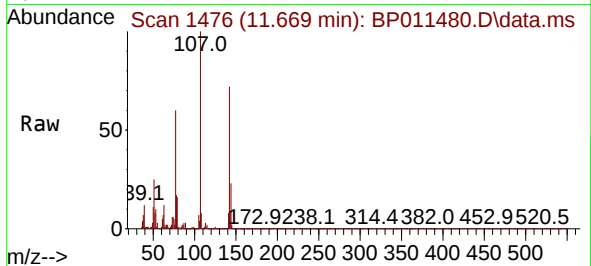




#35
4-Chloro-3-methylphenol
Concen: 32.092 ng/ul
RT: 11.669 min Scan# 1475
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

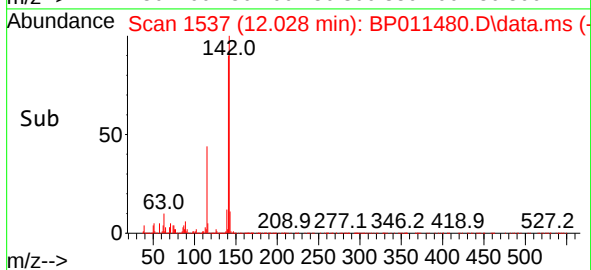
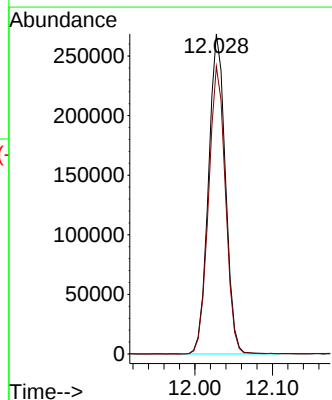
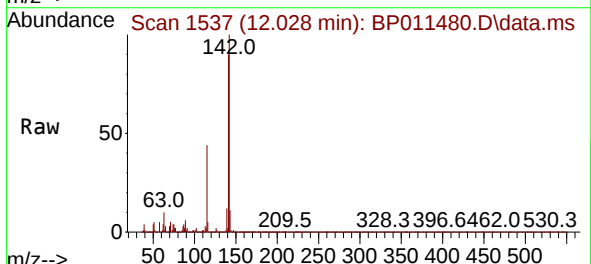
Instrument :
BNA_P
ClientSampleId :

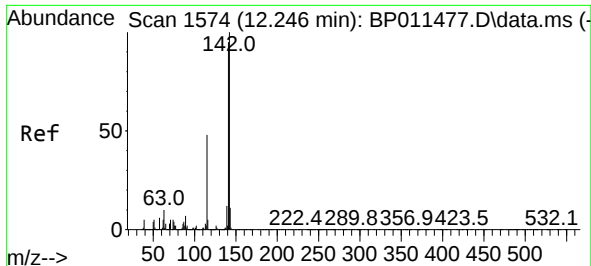
Tgt Ion:107 Resp: 210363
Ion Ratio Lower Upper
107 100
144 22.9 18.3 27.5
142 72.0 55.8 83.8



#36
2-Methylnaphthalene
Concen: 31.637 ng/ul
RT: 12.028 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:142 Resp: 407101
Ion Ratio Lower Upper
142 100
141 89.9 73.4 110.0

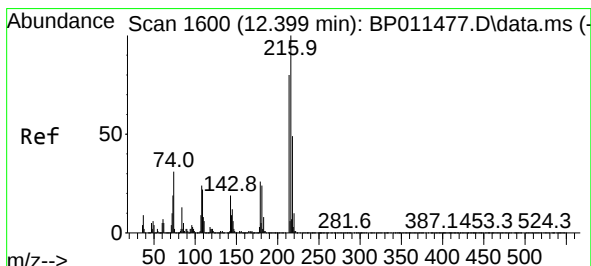
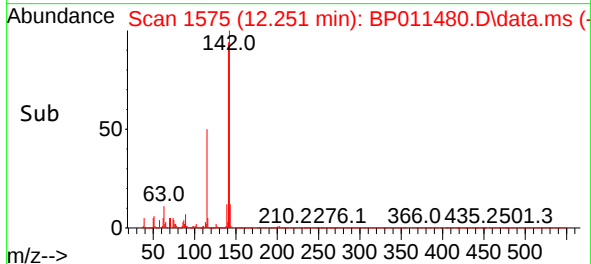
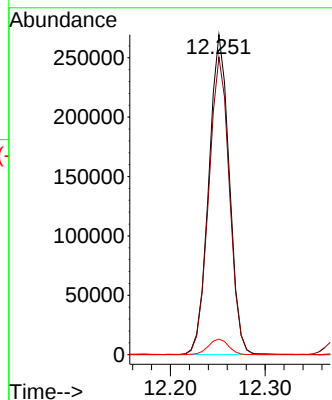
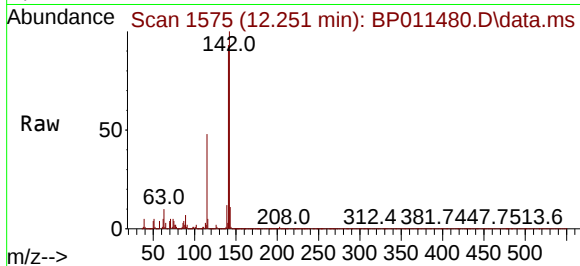




#37
1-Methylnaphthalene
Concen: 30.837 ng/ul
RT: 12.251 min Scan# 1
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

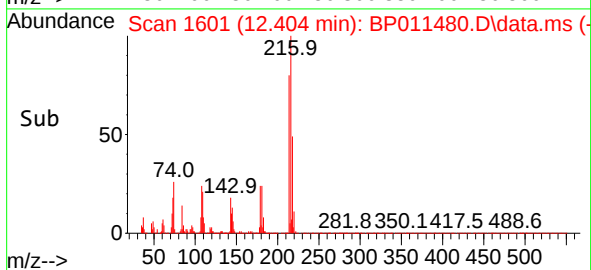
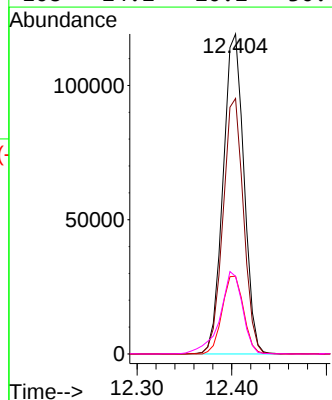
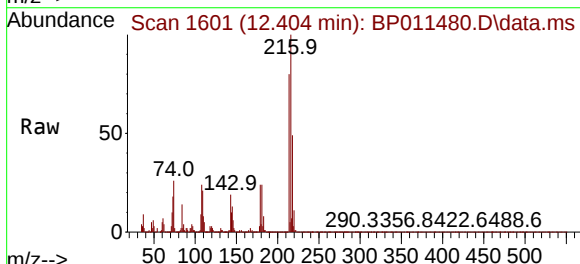
Instrument :
BNA_P
ClientSampleId :

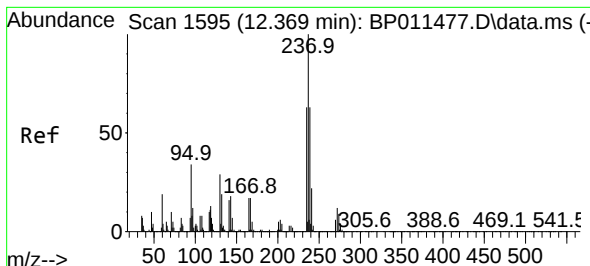
Tgt Ion:142 Resp: 402451
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.6
116 4.9 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.037 ng/ul
RT: 12.404 min Scan# 1601
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:216 Resp: 182051
Ion Ratio Lower Upper
216 100
214 79.8 60.4 90.6
179 24.3 20.0 30.0
108 24.2 20.2 30.4





#40

Hexachlorocyclopentadiene

Concen: 29.094 ng/ul

RT: 12.375 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BP011480.D

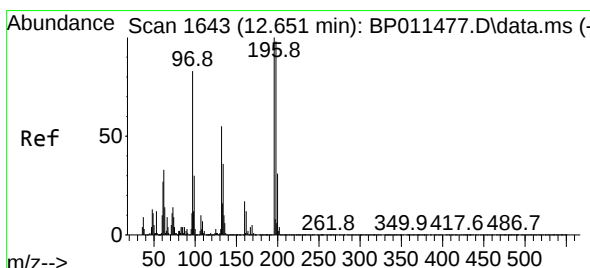
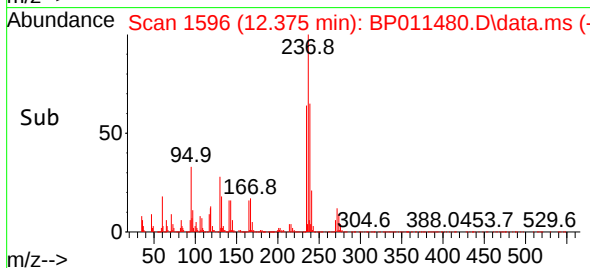
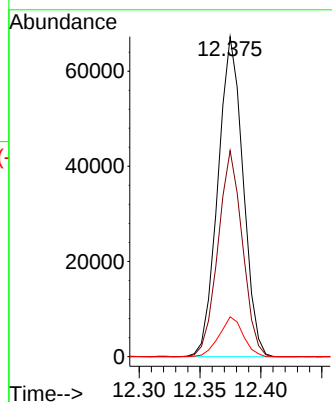
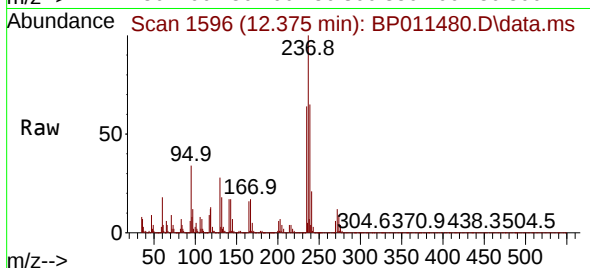
Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:237	Resp:	96539
Ion Ratio	Lower	Upper
237	100	
235	64.4	50.9 76.3
272	12.4	11.0 16.4



#41

2,4,6-Trichlorophenol

Concen: 35.007 ng/ul

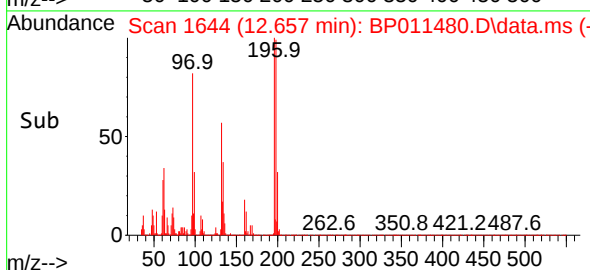
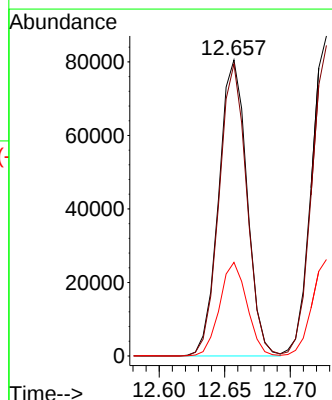
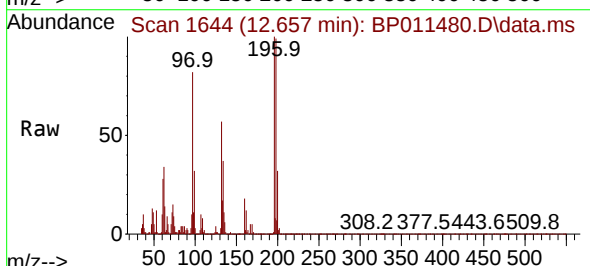
RT: 12.657 min Scan# 1644

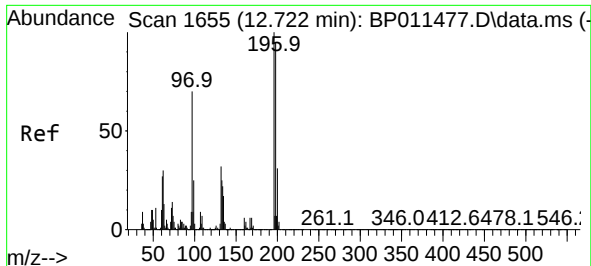
Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Tgt Ion:196	Resp:	120508
Ion Ratio	Lower	Upper
196	100	
198	98.7	75.6 113.4
200	31.6	23.1 34.7

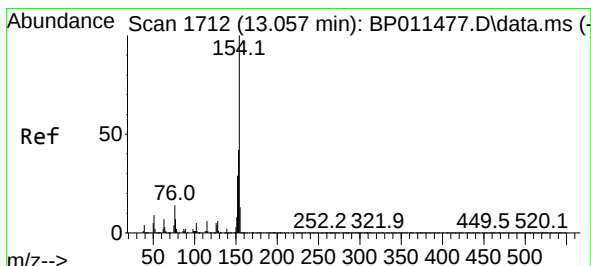
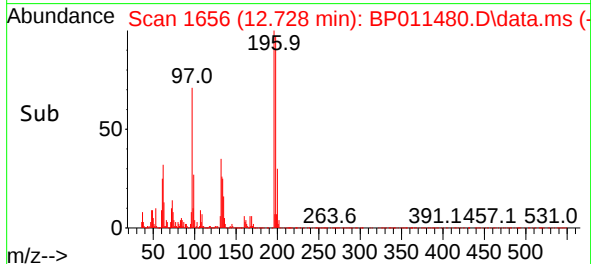
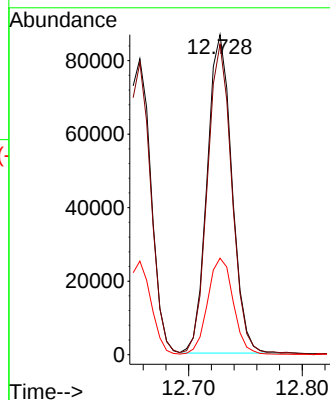
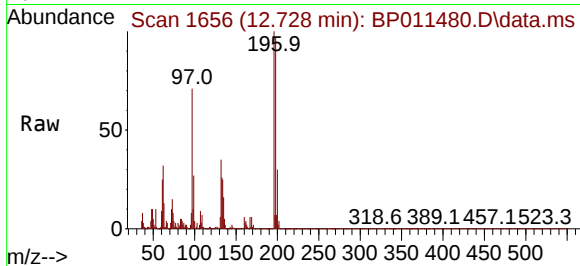




#42
2,4,5-Trichlorophenol
Concen: 34.171 ng/ul
RT: 12.728 min Scan# 1655
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

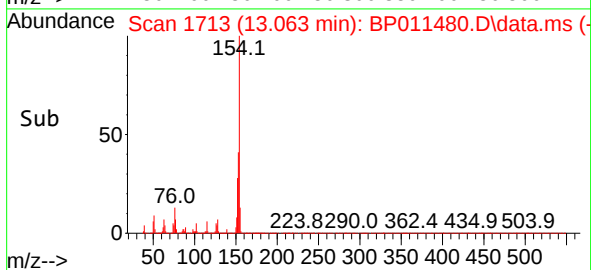
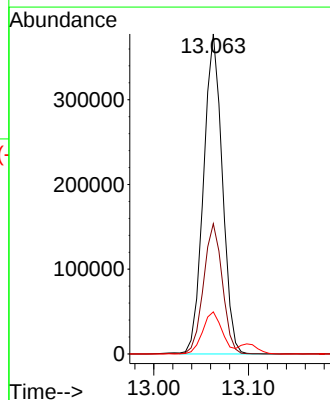
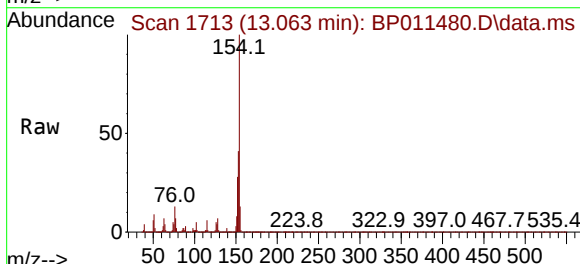
Instrument :
BNA_P
ClientSampleId :

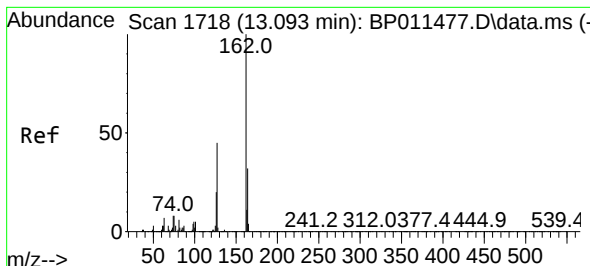
Tgt Ion:196 Resp: 130943
Ion Ratio Lower Upper
196 100
198 97.1 75.6 113.4
200 30.1 23.8 35.6



#43
1,1'-Biphenyl
Concen: 33.111 ng/ul
RT: 13.063 min Scan# 1713
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:154 Resp: 519892
Ion Ratio Lower Upper
154 100
153 40.7 32.2 48.4
76 13.1 11.6 17.4





#44

2-Chloronaphthalene

Concen: 33.506 ng/ul

RT: 13.098 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

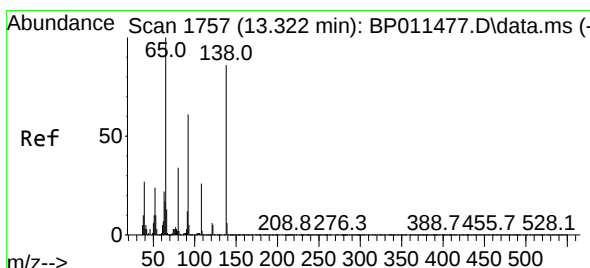
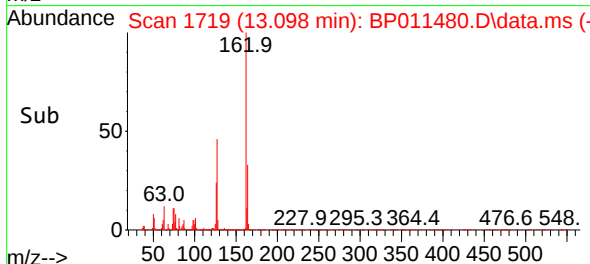
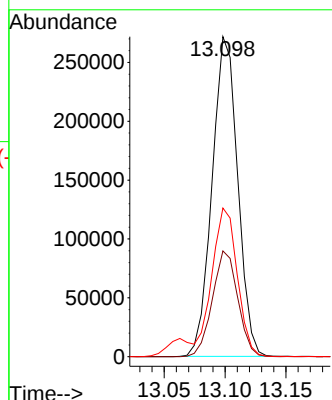
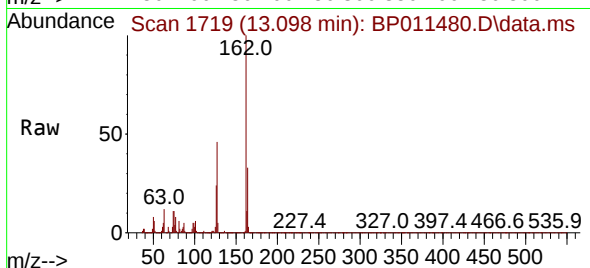
Tgt Ion:162 Resp: 396451

Ion Ratio Lower Upper

162 100

164 33.1 26.4 39.6

127 46.4 37.4 56.2



#45

2-Nitroaniline

Concen: 35.960 ng/ul

RT: 13.328 min Scan# 1758

Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

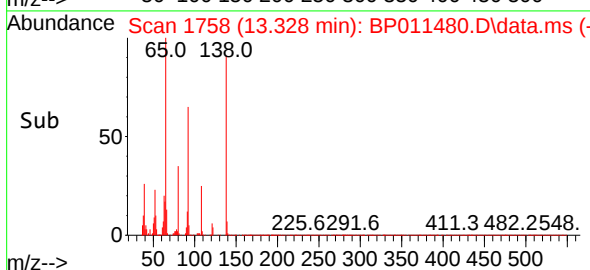
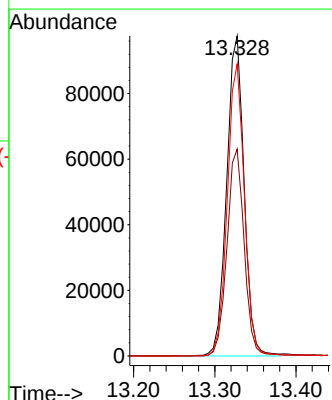
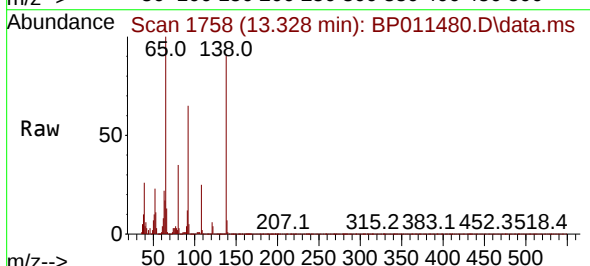
Tgt Ion: 65 Resp: 145216

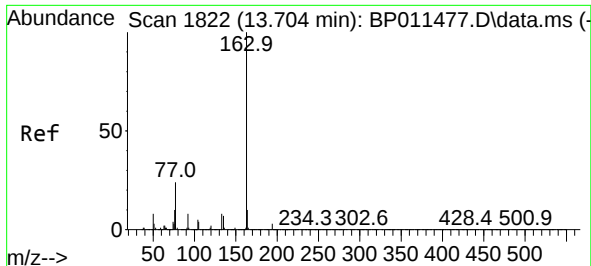
Ion Ratio Lower Upper

65 100

92 64.6 50.8 76.2

138 91.3 66.7 100.1

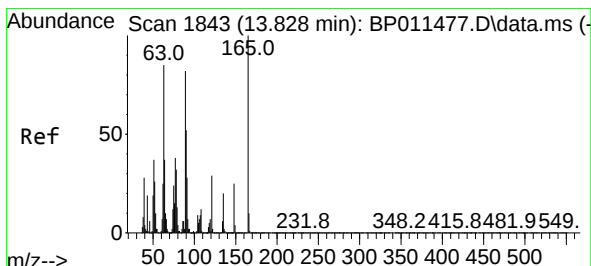
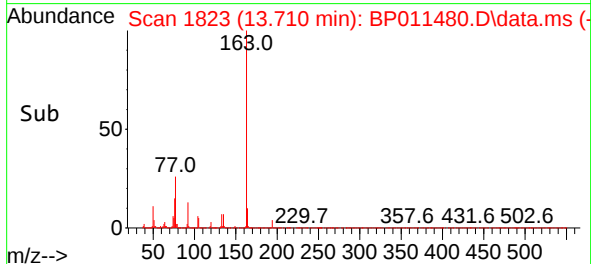
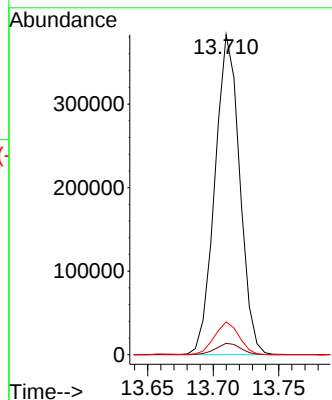
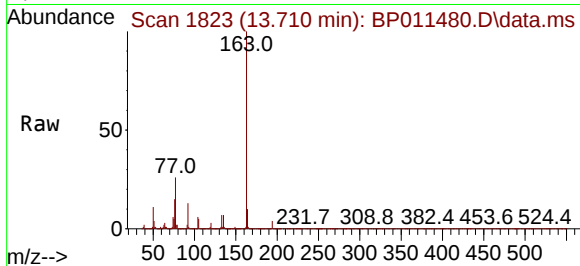




#47
Dimethylphthalate
Concen: 32.604 ng/ul
RT: 13.710 min Scan# 1823
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

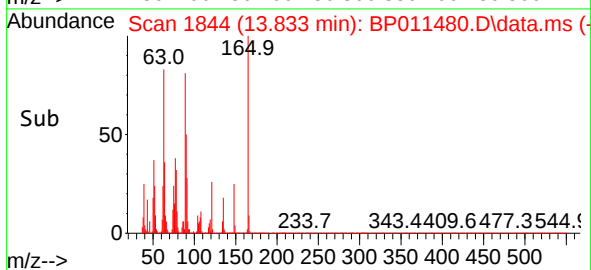
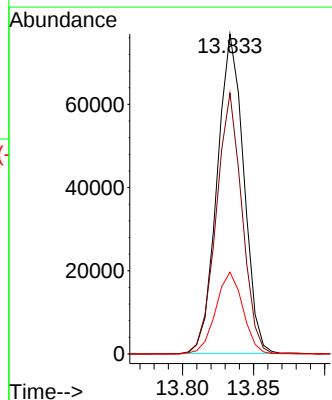
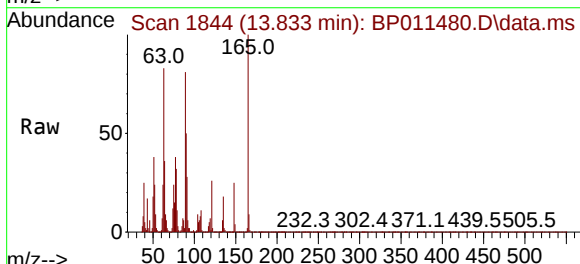
Instrument :
BNA_P
ClientSampleId :

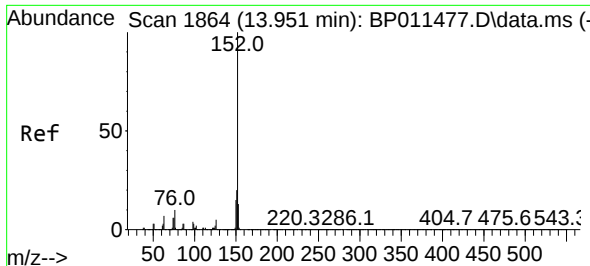
Tgt Ion:163 Resp: 502247
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 36.027 ng/ul
RT: 13.833 min Scan# 1844
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:165 Resp: 99777
Ion Ratio Lower Upper
165 100
89 81.5 66.6 99.8
121 25.5 21.0 31.6

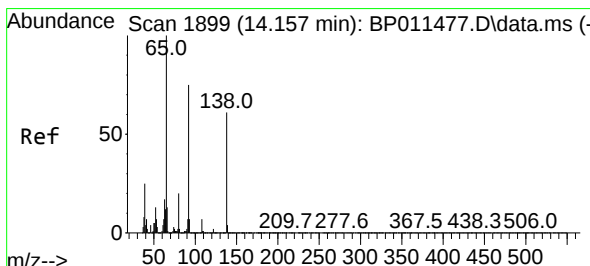
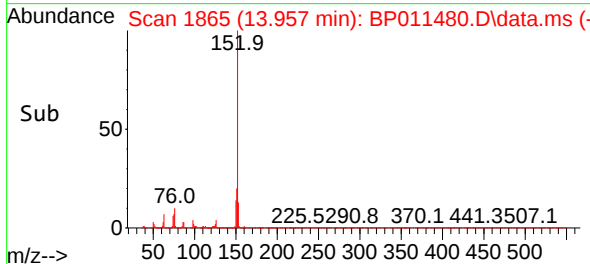
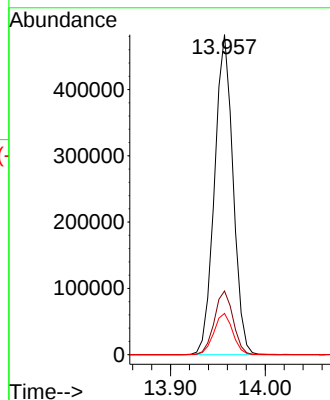
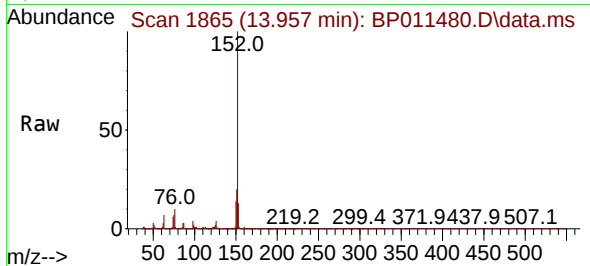




#50
Acenaphthylene
Concen: 33.294 ng/ul
RT: 13.957 min Scan# 1864
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

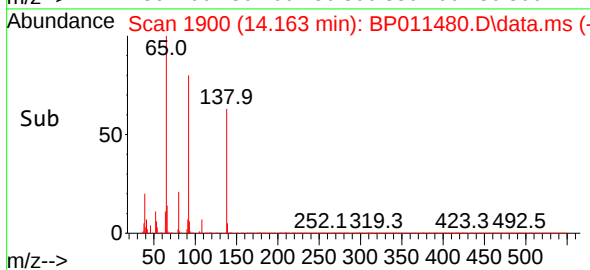
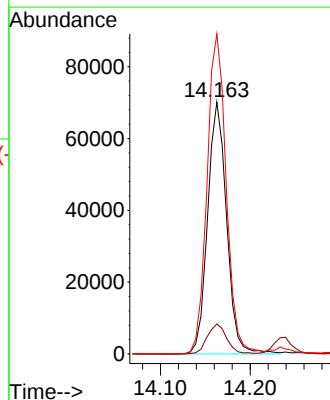
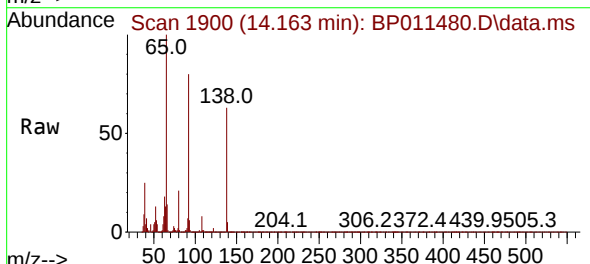
Instrument :
BNA_P
ClientSampleId :

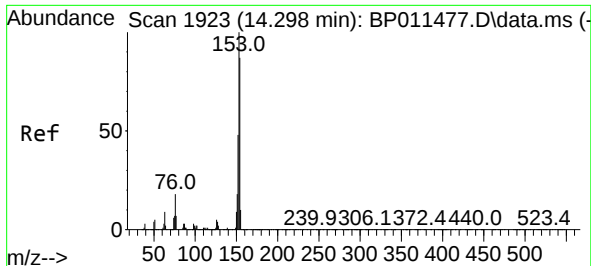
Tgt Ion:152 Resp: 655200
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 12.9 10.6 15.8



#51
3-Nitroaniline
Concen: 34.167 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:138 Resp: 103069
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 127.0 104.2 156.2

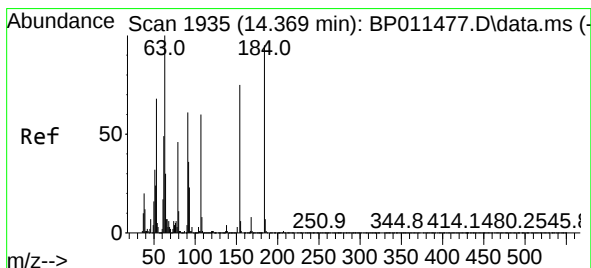
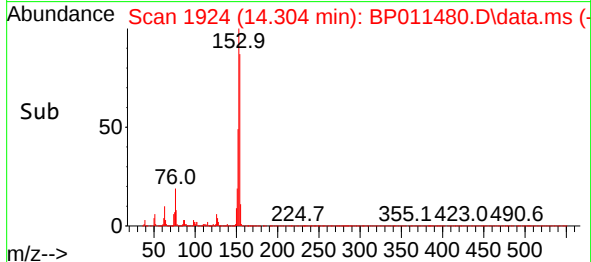
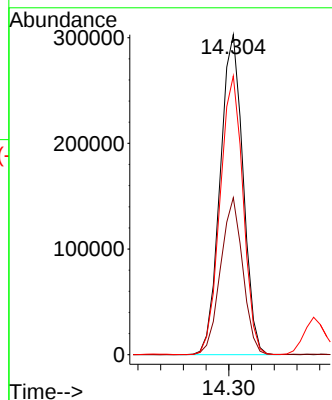
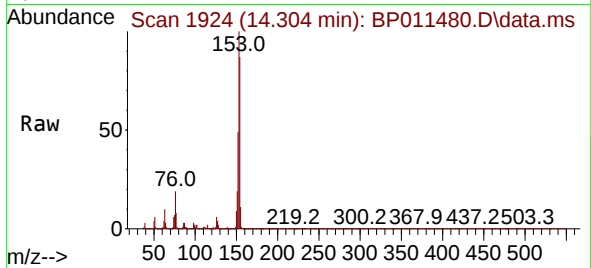




#52
Acenaphthene
Concen: 32.216 ng/ul
RT: 14.304 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

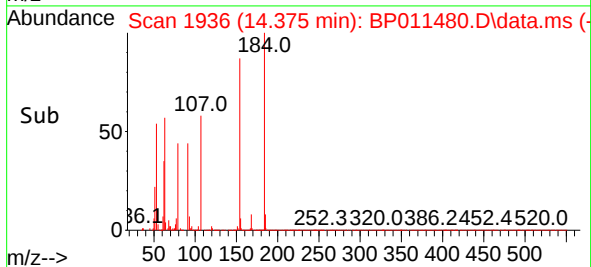
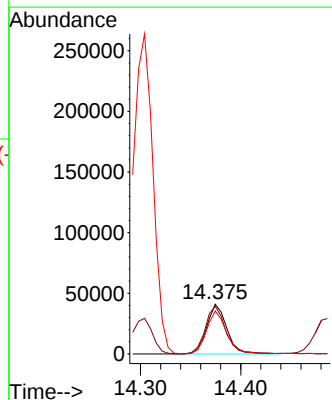
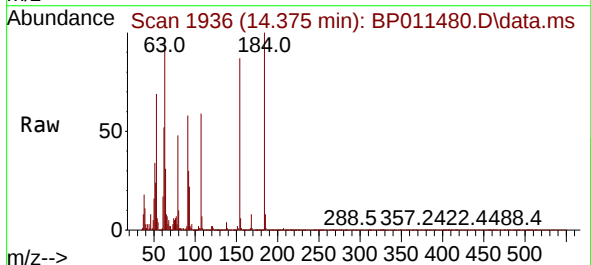
Instrument :
BNA_P
ClientSampleId :

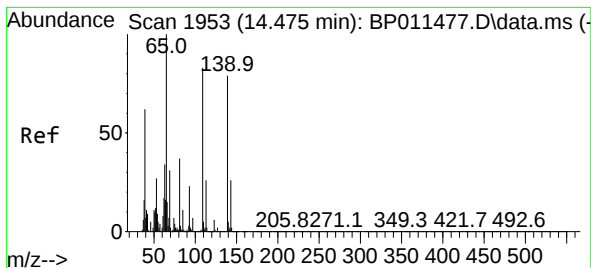
Tgt Ion:153 Resp: 424647
Ion Ratio Lower Upper
153 100
152 49.0 37.7 56.5
154 87.1 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 33.572 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:184 Resp: 56908
Ion Ratio Lower Upper
184 100
63 96.0 82.5 123.7
154 86.6 66.6 100.0

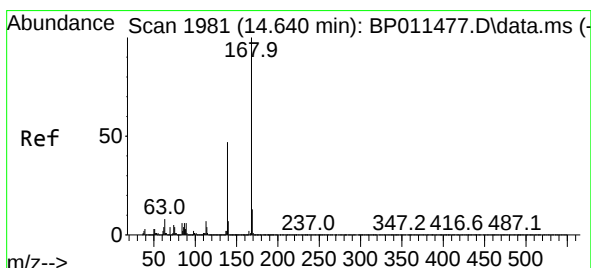
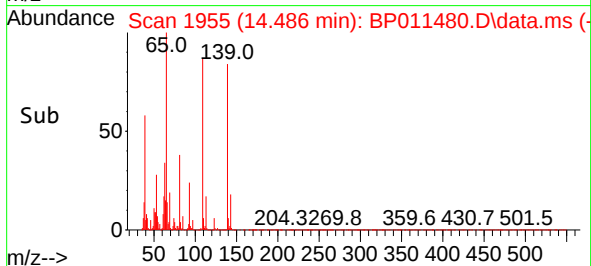
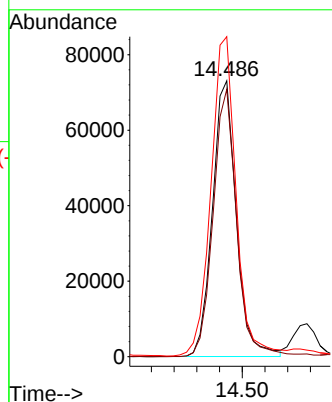
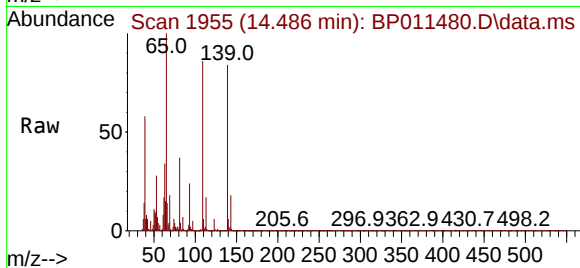




#55
4-Nitrophenol
Concen: 31.309 ng/ul
RT: 14.486 min Scan# 1955
Delta R.T. 0.011 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

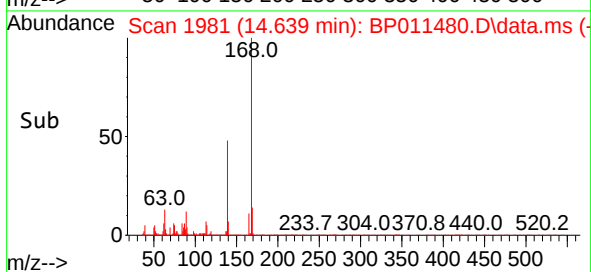
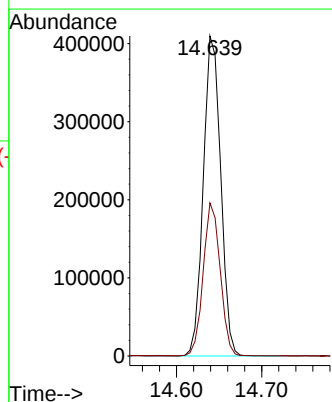
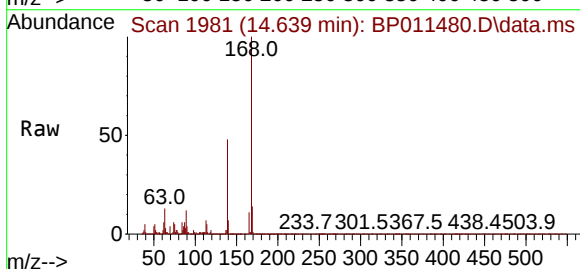
Instrument :
BNA_P
ClientSampleId :

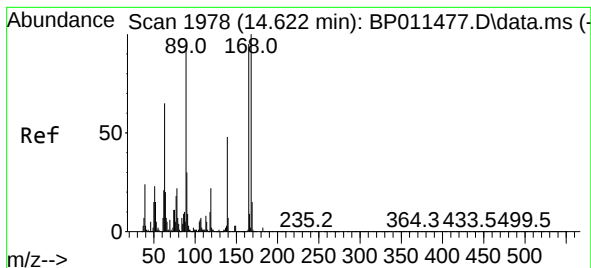
Tgt Ion:109 Resp: 107122
Ion Ratio Lower Upper
109 100
139 96.9 76.0 114.0
65 116.0 98.8 148.2



#56
Dibenzofuran
Concen: 32.028 ng/ul
RT: 14.639 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:168 Resp: 582175
Ion Ratio Lower Upper
168 100
139 47.8 38.4 57.6





#57

2,4-Dinitrotoluene

Concen: 35.609 ng/ul

RT: 14.627 min Scan# 1978

Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

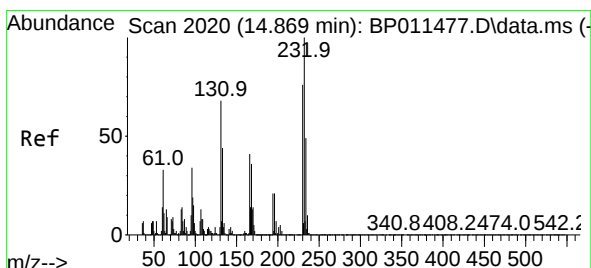
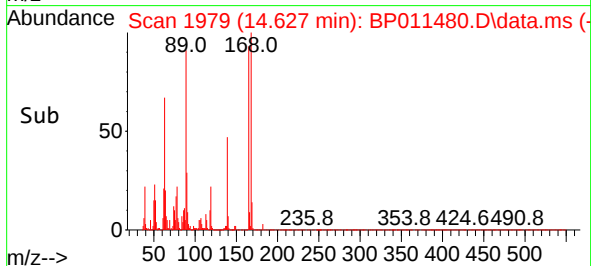
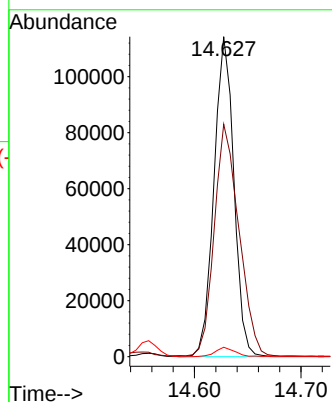
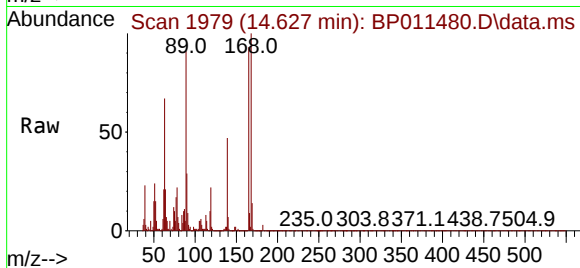
Tgt Ion:165 Resp: 147637

Ion Ratio Lower Upper

165 100

63 72.6 60.2 90.2

182 2.9 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.743 ng/ul

RT: 14.875 min Scan# 2021

Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Tgt Ion:232 Resp: 98508

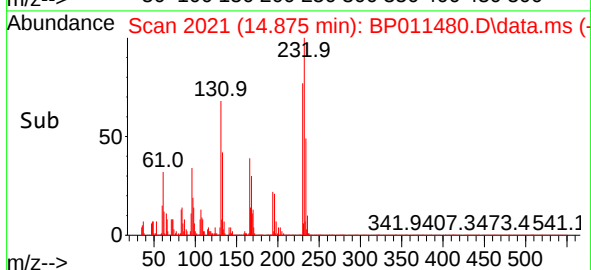
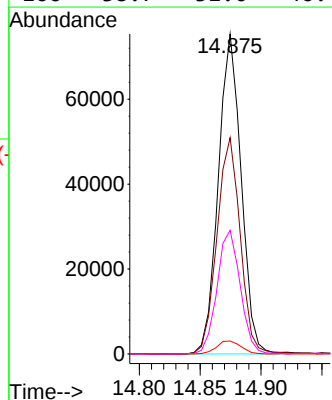
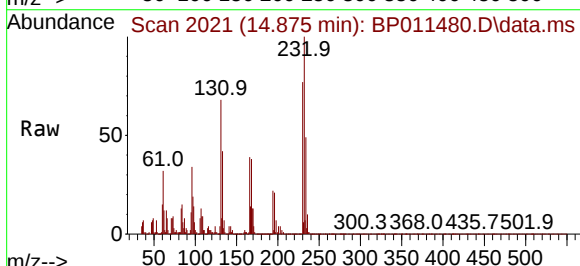
Ion Ratio Lower Upper

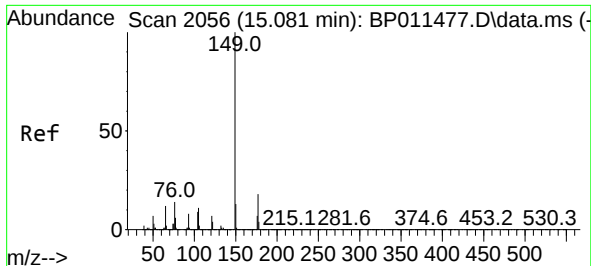
232 100

131 67.6 55.4 83.0

130 4.0 3.6 5.4

166 38.7 31.0 46.4

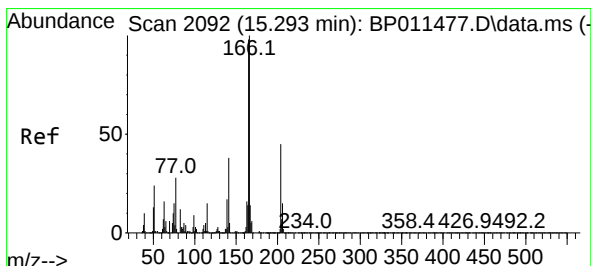
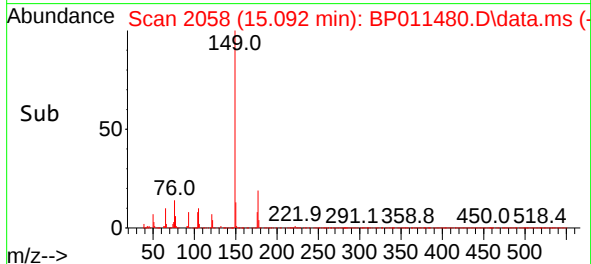
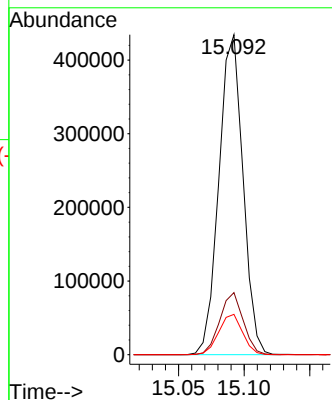
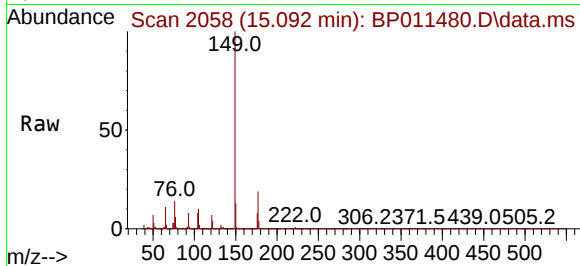




#59
Diethylphthalate
Concen: 32.869 ng/ul
RT: 15.092 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

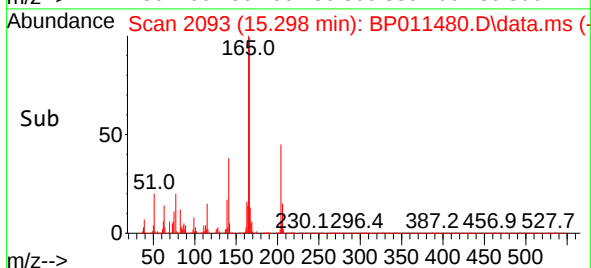
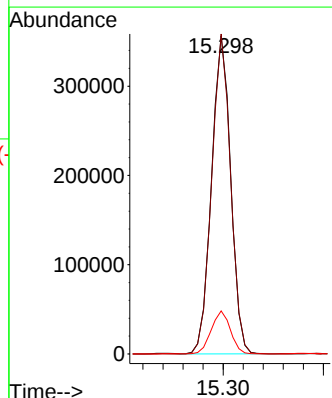
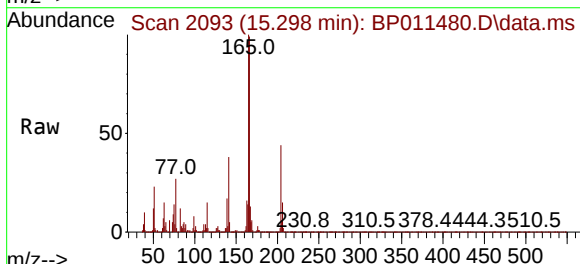
Instrument :
BNA_P
ClientSampleId :

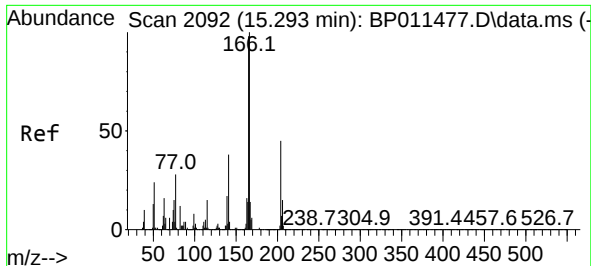
Tgt Ion:149 Resp: 554571
Ion Ratio Lower Upper
149 100
177 19.4 15.7 23.5
150 12.6 10.1 15.1



#61
Fluorene
Concen: 31.746 ng/ul
RT: 15.298 min Scan# 2093
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:166 Resp: 472080
Ion Ratio Lower Upper
166 100
165 100.6 78.2 117.2
167 13.5 10.3 15.5

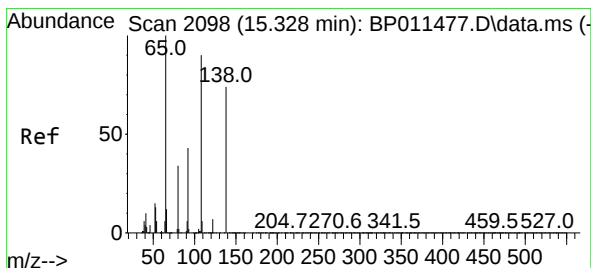
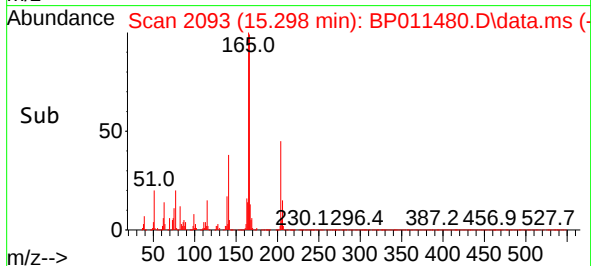
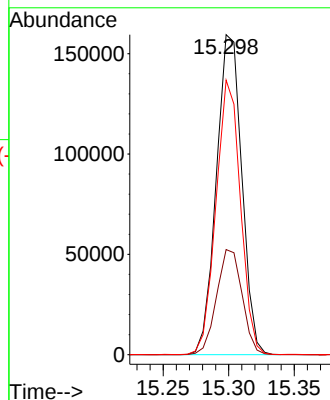
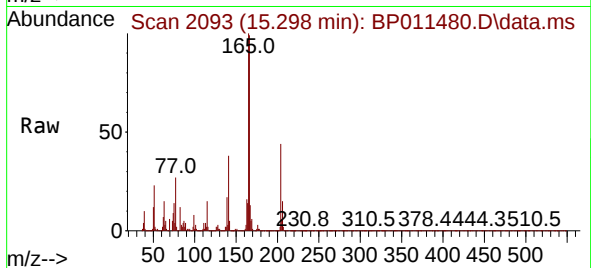




#62
4-Chlorophenyl-phenylether
Concen: 32.053 ng/ul
RT: 15.298 min Scan# 2100
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

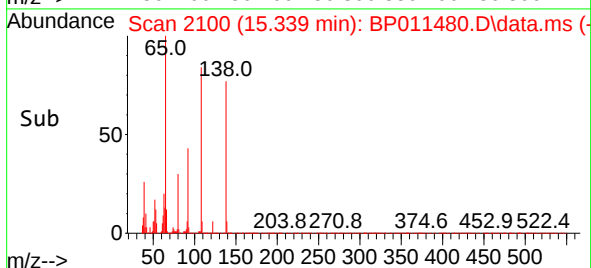
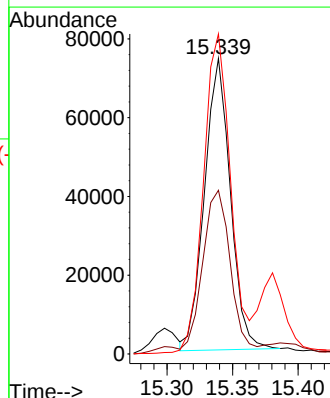
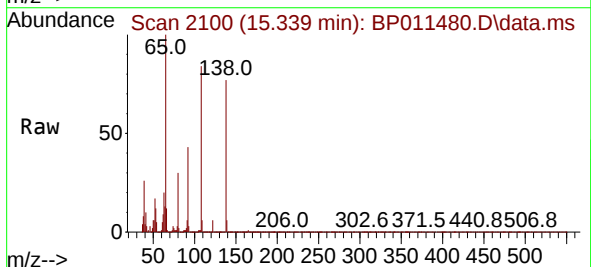
Instrument :
BNA_P
ClientSampleId :

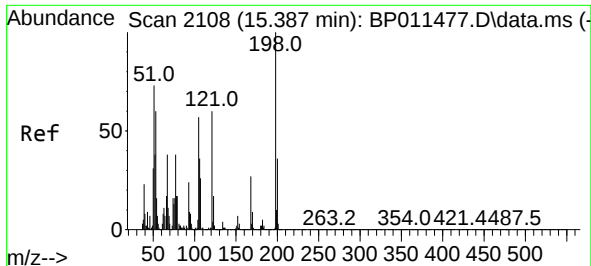
Tgt Ion:204 Resp: 215325
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 85.8 66.5 99.7



#63
4-Nitroaniline
Concen: 34.918 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. 0.011 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:138 Resp: 101746
Ion Ratio Lower Upper
138 100
92 55.4 49.5 74.3
108 108.3 93.7 140.5

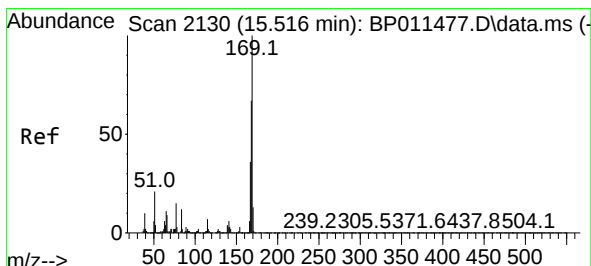
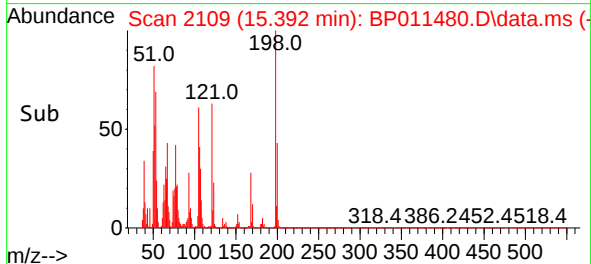
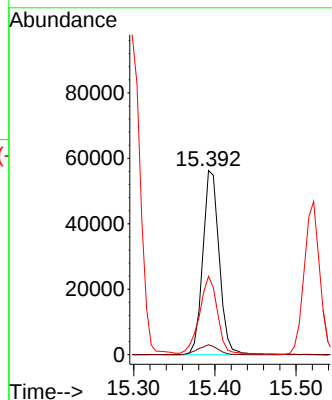
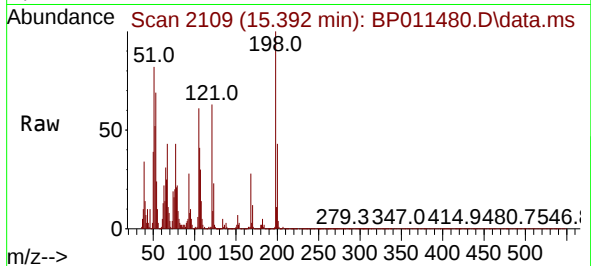




#66
4,6-Dinitro-2-methylphenol
Concen: 34.324 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

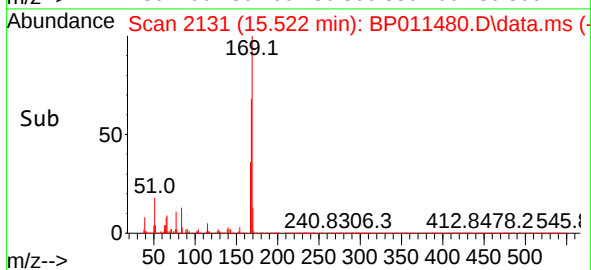
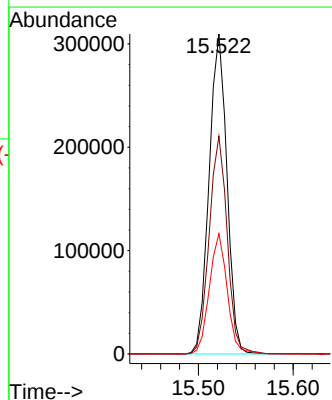
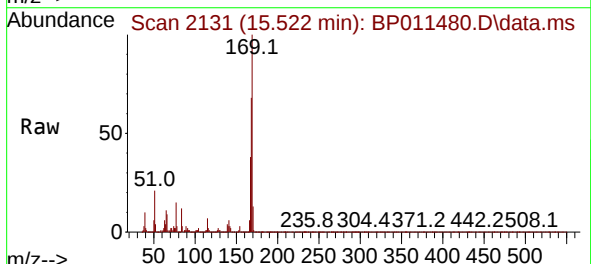
Instrument :
BNA_P
ClientSampleId :

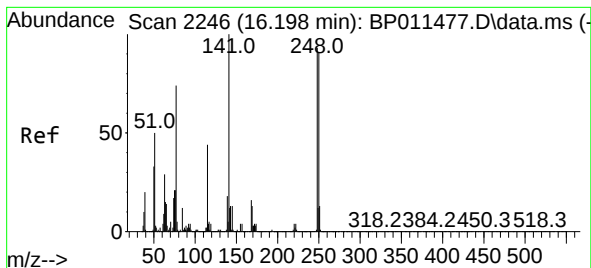
Tgt Ion:198 Resp: 78765
Ion Ratio Lower Upper
198 100
182 5.4 3.9 5.9
77 42.6 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 33.583 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:169 Resp: 404499
Ion Ratio Lower Upper
169 100
168 68.1 54.6 82.0
167 37.6 30.2 45.4

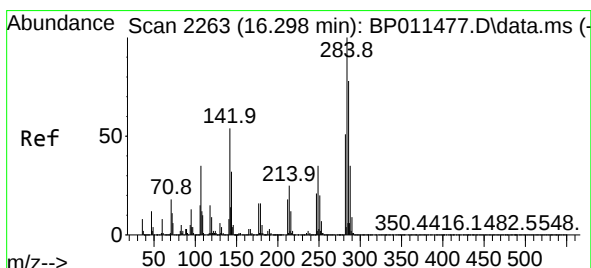
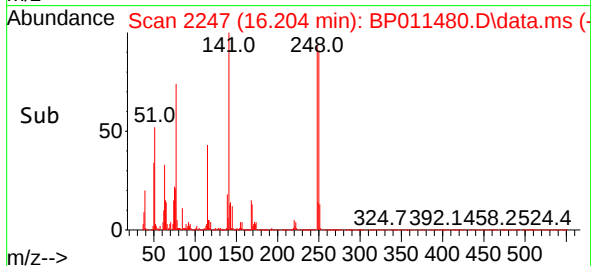
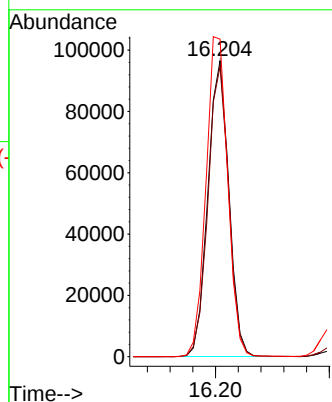
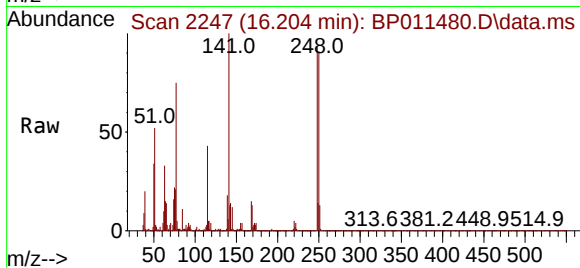




#68
4-Bromophenyl-phenylether
Concen: 33.749 ng/ul
RT: 16.204 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

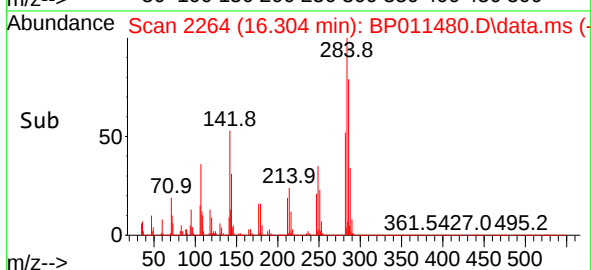
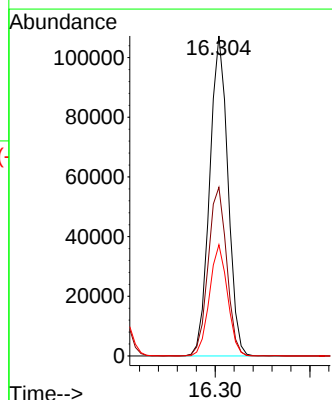
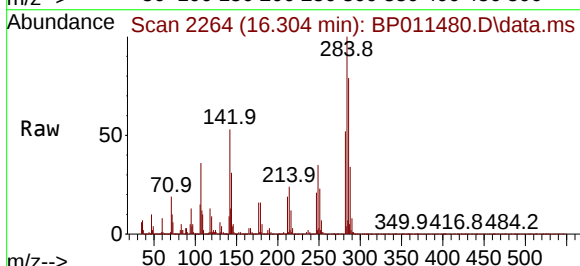
Instrument :
BNA_P
ClientSampleId :

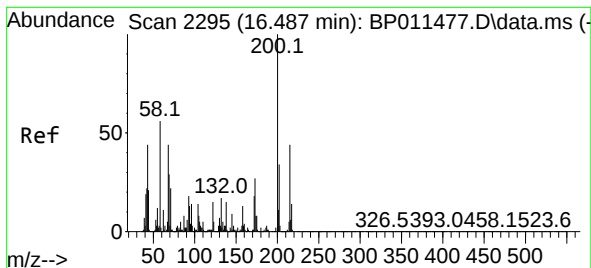
Tgt Ion:248 Resp: 123687
Ion Ratio Lower Upper
248 100
250 98.1 82.8 124.2
141 107.4 90.8 136.2



#69
Hexachlorobenzene
Concen: 33.929 ng/ul
RT: 16.304 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:284 Resp: 143305
Ion Ratio Lower Upper
284 100
142 52.7 43.5 65.3
249 34.8 28.4 42.6





#70

Atrazine

Concen: 12.948 ng/ul

RT: 16.492 min Scan# 21

Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

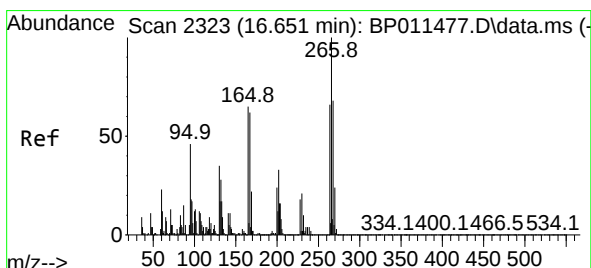
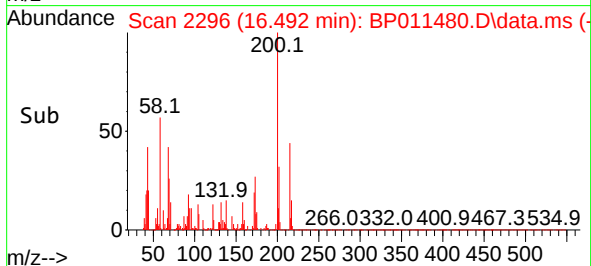
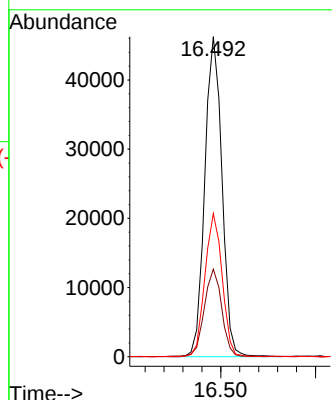
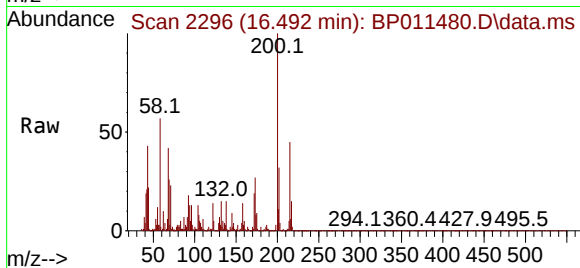
Tgt Ion:200 Resp: 58201

Ion Ratio Lower Upper

200 100

173 27.3 22.0 33.0

215 44.8 36.3 54.5



#71

Pentachlorophenol

Concen: 31.395 ng/ul

RT: 16.657 min Scan# 2324

Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

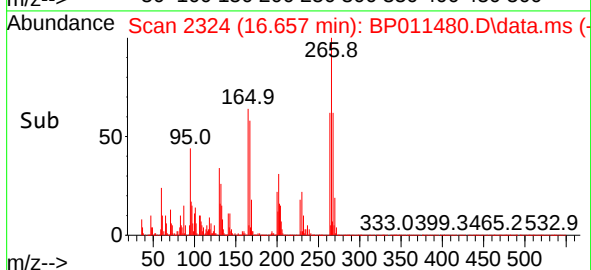
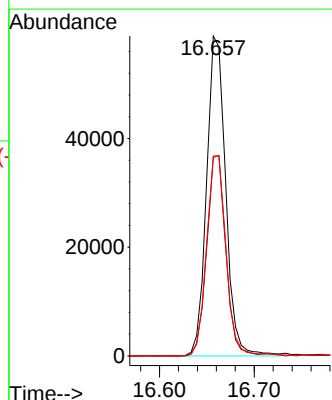
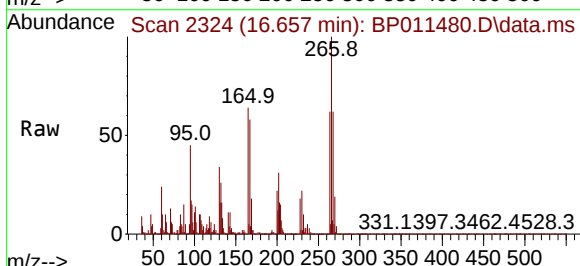
Tgt Ion:266 Resp: 82221

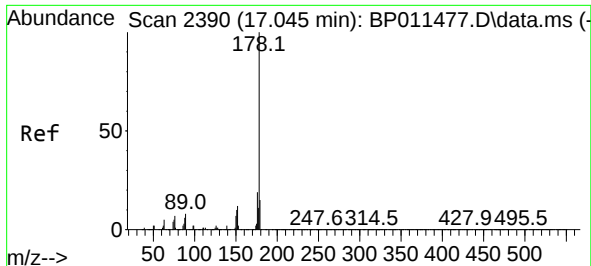
Ion Ratio Lower Upper

266 100

264 62.0 50.6 76.0

268 62.5 51.3 76.9

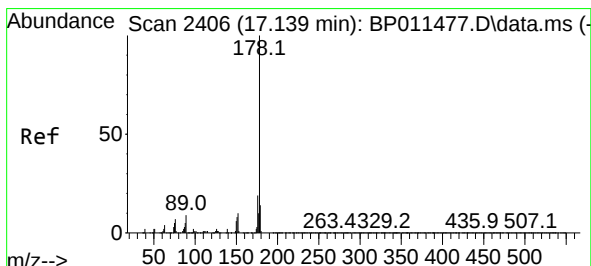
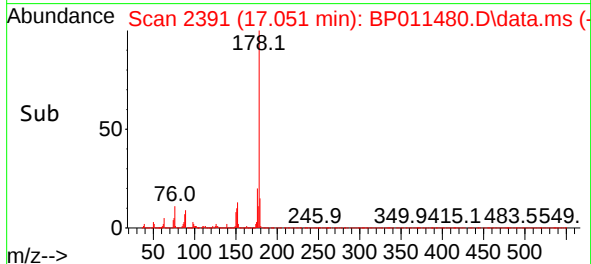
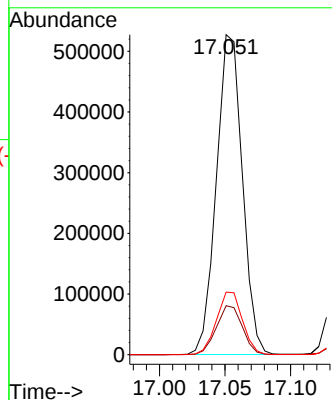
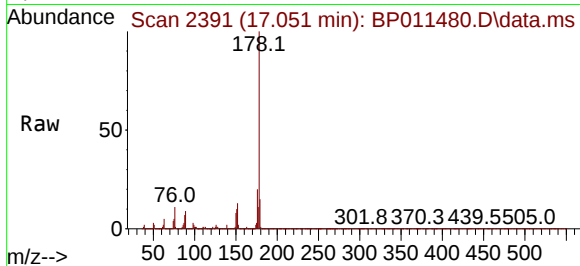




#72
Phenanthrene
Concen: 32.710 ng/ul
RT: 17.051 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

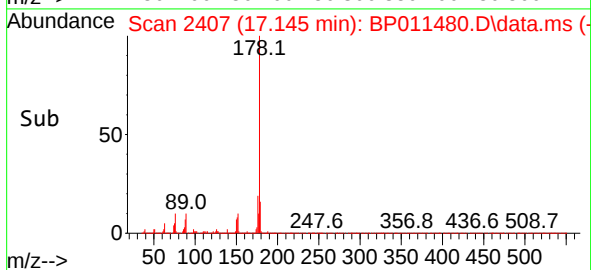
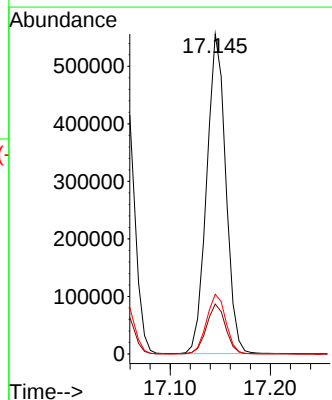
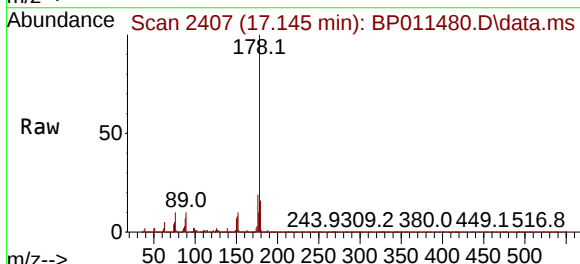
Instrument :
BNA_P
ClientSampleId :

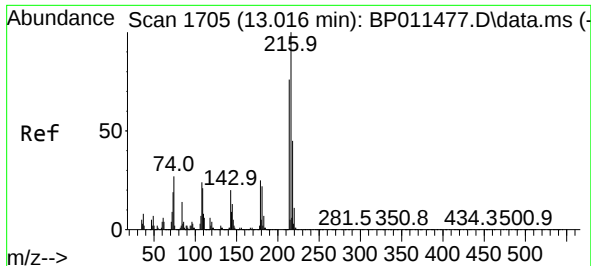
Tgt Ion:178 Resp: 726866
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.5 15.8 23.8



#74
Anthracene
Concen: 32.843 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:178 Resp: 736297
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.6 15.4 23.0

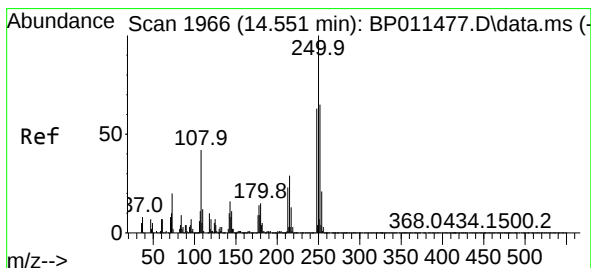
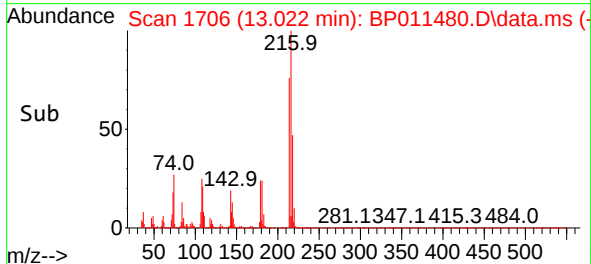
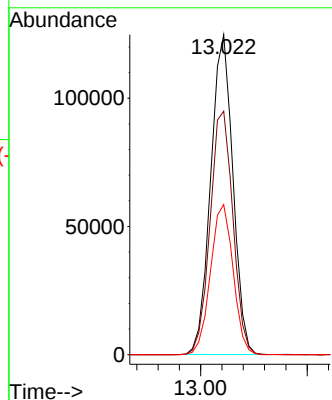
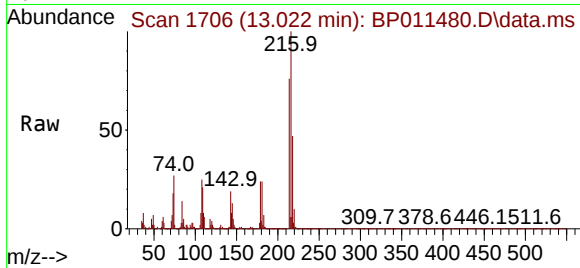




#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.174 ng/uL
RT: 13.022 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

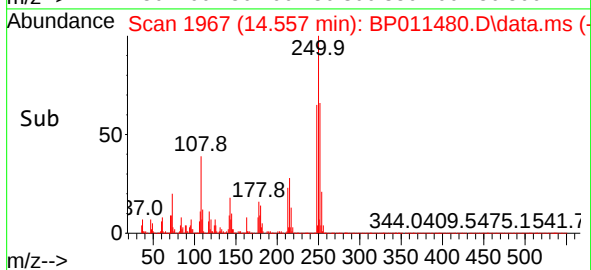
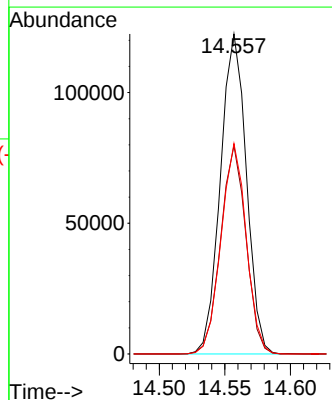
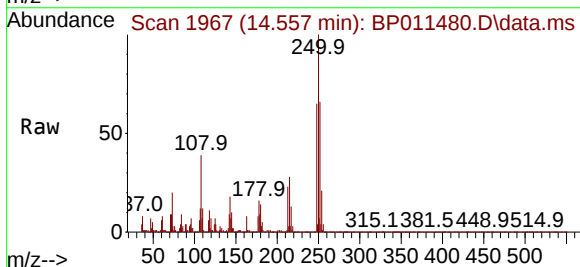
Instrument :
BNA_P
ClientSampleId :

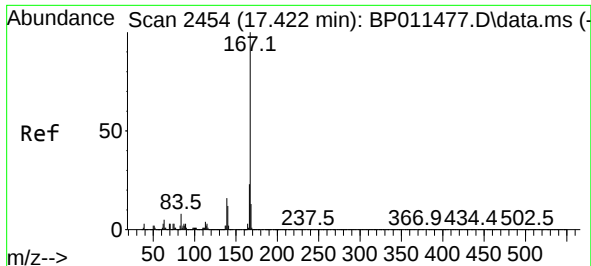
Tgt Ion:216 Resp: 180351
Ion Ratio Lower Upper
216 100
214 76.1 61.8 92.6
218 46.9 37.4 56.0



#76
Pentachlorobenzene
Concen: 33.621 ng/uL
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:250 Resp: 168366
Ion Ratio Lower Upper
250 100
248 65.0 51.7 77.5
252 65.8 50.0 75.0

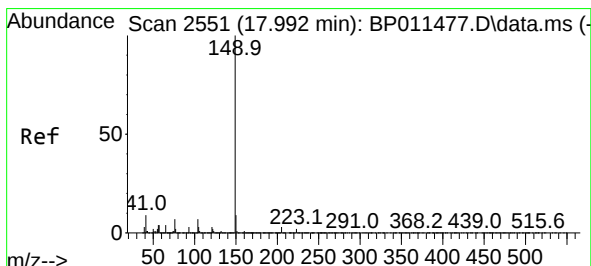
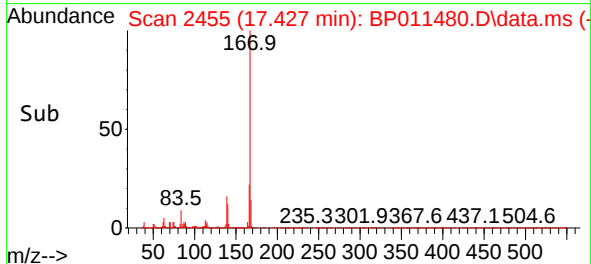
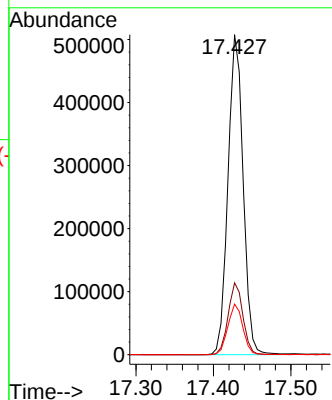
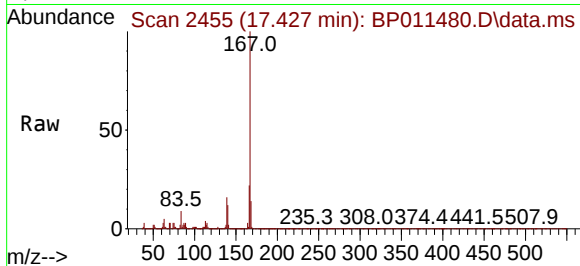




#77
 Carbazole
 Concen: 32.713 ng/ul
 RT: 17.427 min Scan# 2454
 Delta R.T. 0.005 min
 Lab File: BP011480.D
 Acq: 18 Aug 2022 13:40

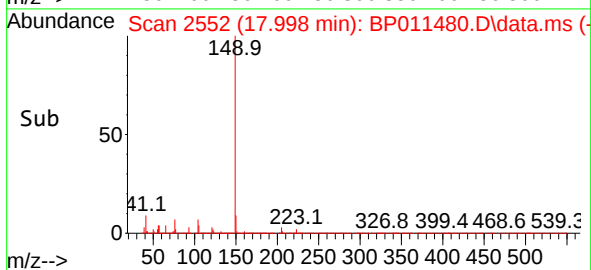
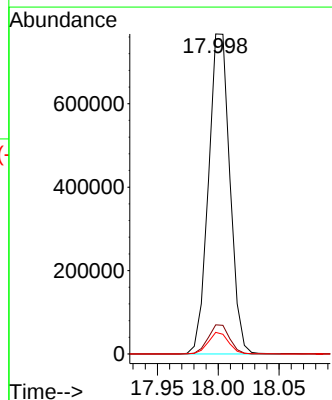
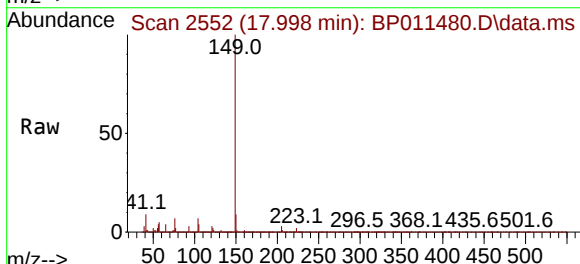
Instrument :
 BNA_P
 ClientSampleId :

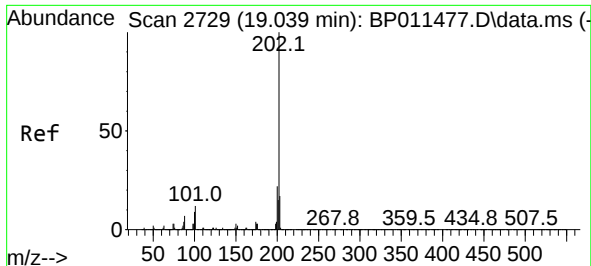
Tgt Ion:167 Resp: 689816
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 15.8 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 36.128 ng/ul
 RT: 17.998 min Scan# 2552
 Delta R.T. 0.006 min
 Lab File: BP011480.D
 Acq: 18 Aug 2022 13:40

Tgt Ion:149 Resp: 938157
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.8 5.5 8.3

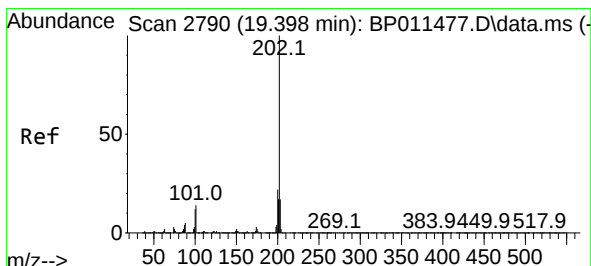
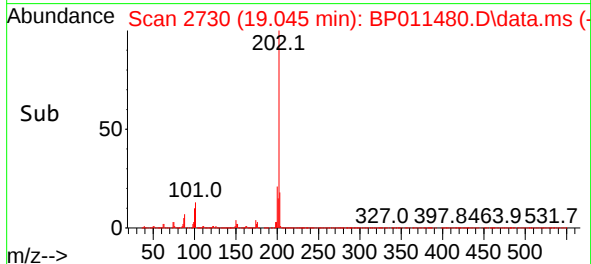
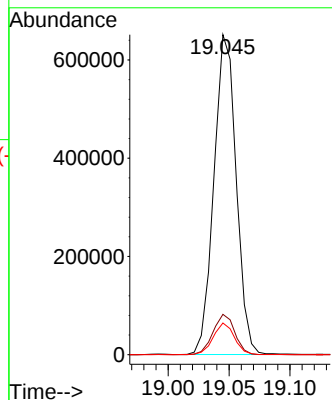
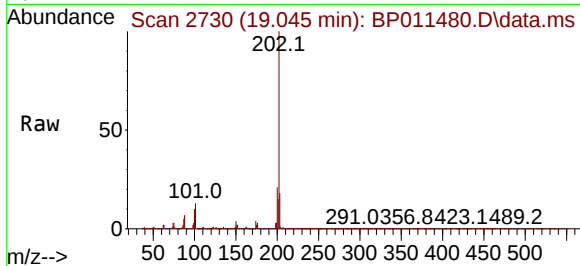




#80
Fluoranthene
Concen: 33.367 ng/u1
RT: 19.045 min Scan# 2729
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

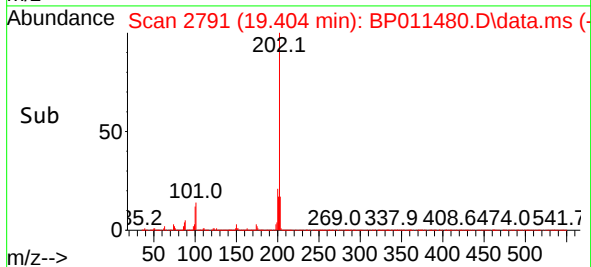
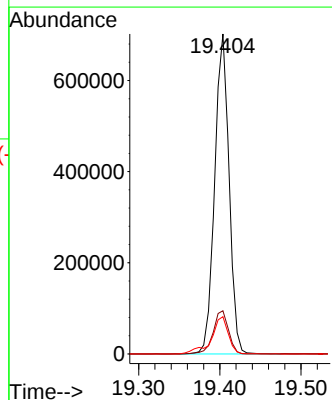
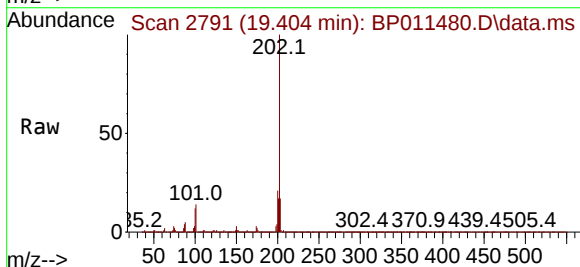
Instrument :
BNA_P
ClientSampleId :

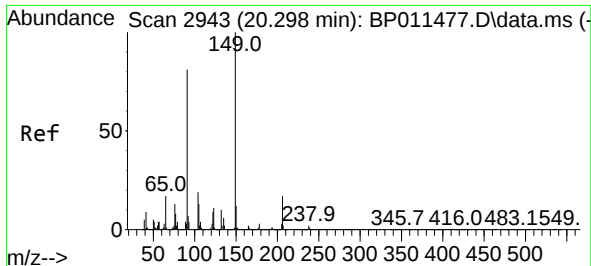
Tgt Ion:202 Resp: 828783
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 9.9 7.9 11.9



#82
Pyrene
Concen: 33.076 ng/u1
RT: 19.404 min Scan# 2791
Delta R.T. 0.011 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:202 Resp: 863235
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 11.7 9.4 14.0

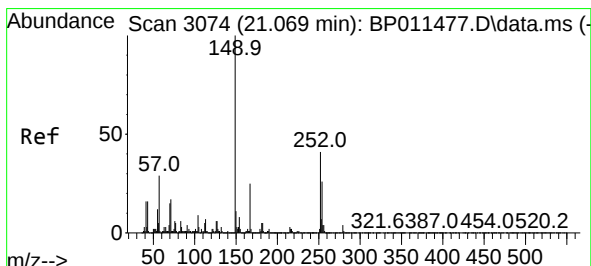
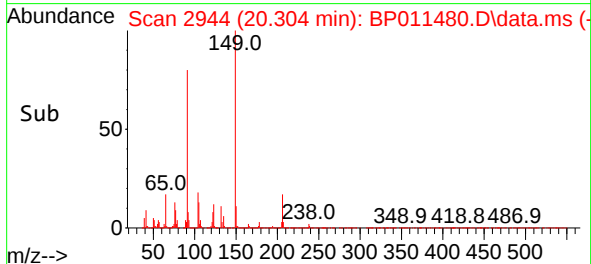
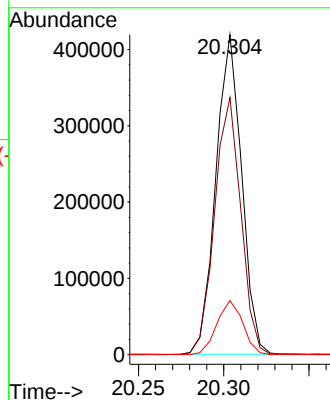
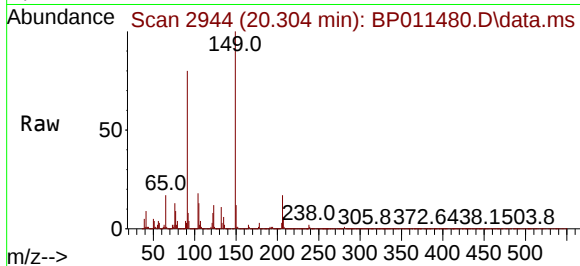




#83
Butylbenzylphthalate
Concen: 37.667 ng/ul
RT: 20.304 min Scan# 2943
Delta R.T. 0.011 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

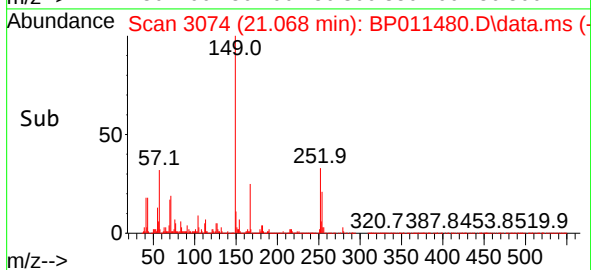
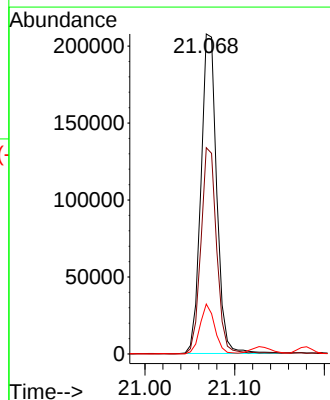
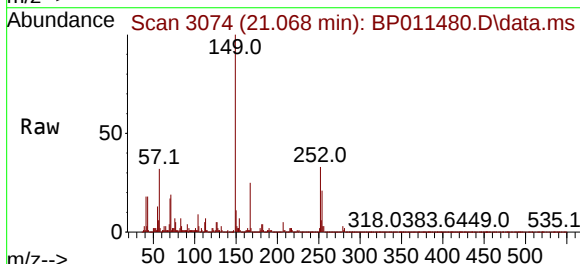
Instrument :
BNA_P
ClientSampleId :

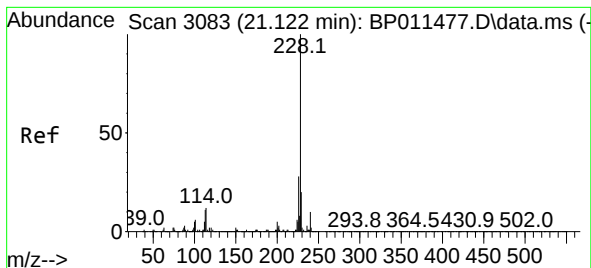
Tgt Ion:149 Resp: 440993
Ion Ratio Lower Upper
149 100
91 80.3 68.5 102.7
206 16.9 12.6 18.8



#84
3,3'-Dichlorobenzidine
Concen: 33.524 ng/ul
RT: 21.068 min Scan# 3074
Delta R.T. 0.005 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:252 Resp: 253347
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 15.6 12.2 18.2





#85

Benzo(a)anthracene

Concen: 33.610 ng/ul

RT: 21.127 min Scan# 3083

Delta R.T. 0.011 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

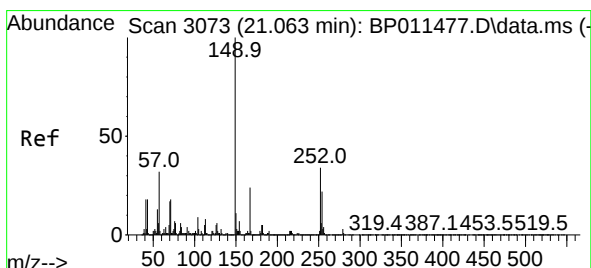
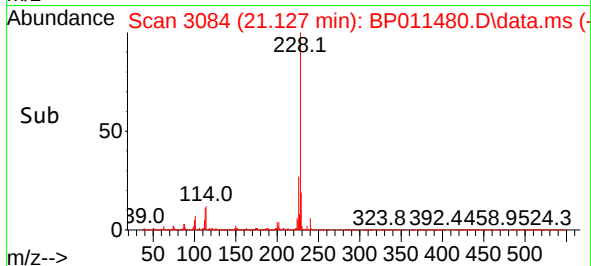
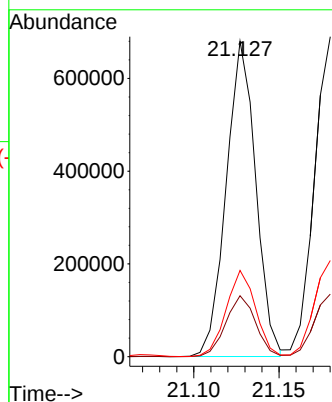
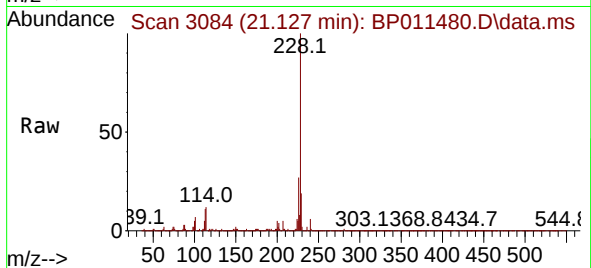
Tgt Ion:228 Resp: 817447

Ion Ratio Lower Upper

228 100

229 19.3 16.0 24.0

226 27.4 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.374 ng/ul

RT: 21.068 min Scan# 3074

Delta R.T. 0.005 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

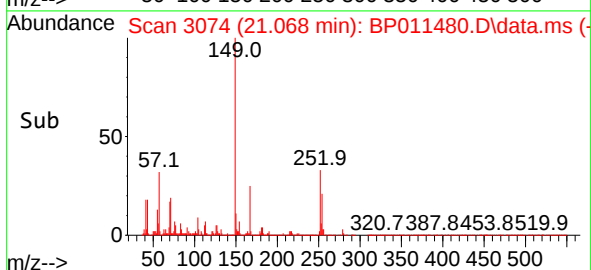
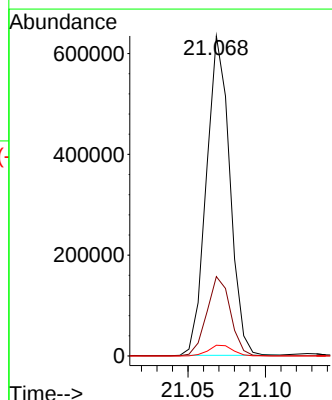
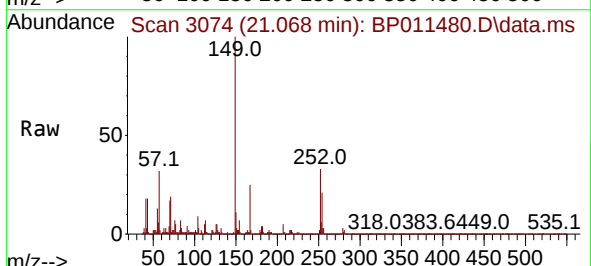
Tgt Ion:149 Resp: 664843

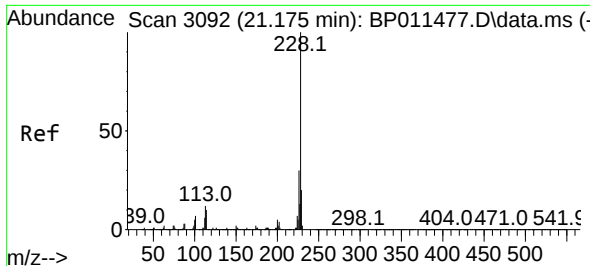
Ion Ratio Lower Upper

149 100

167 24.8 19.8 29.8

279 3.3 2.7 4.1

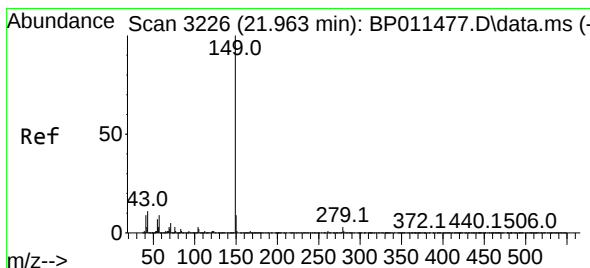
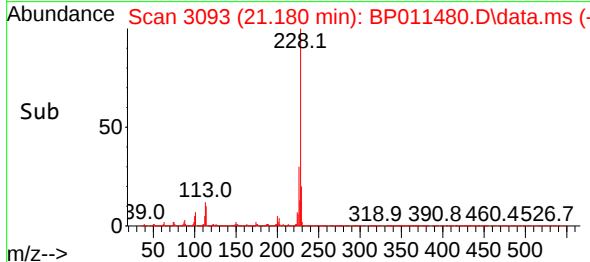
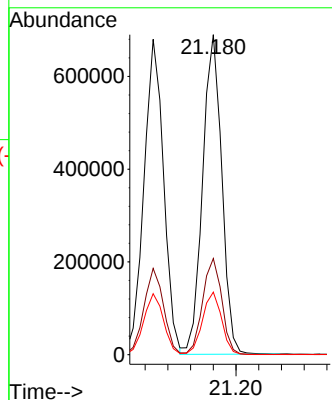
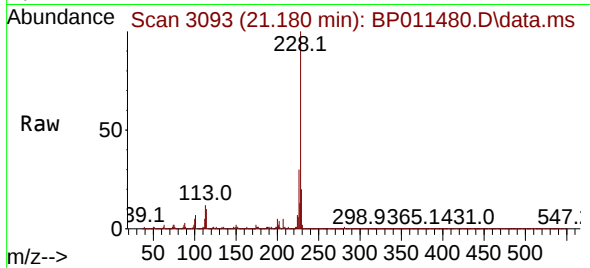




#87
Chrysene
Concen: 33.758 ng/ul
RT: 21.180 min Scan# 3092
Delta R.T. 0.011 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

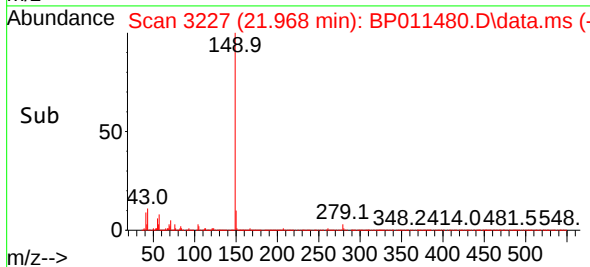
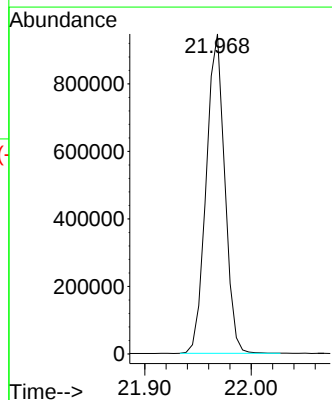
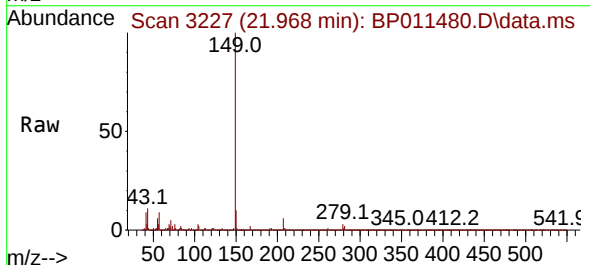
Instrument :
BNA_P
ClientSampleId :

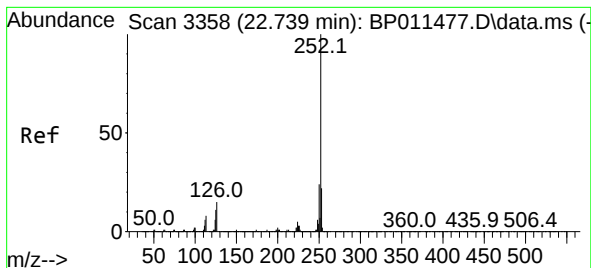
Tgt Ion:228 Resp: 806548
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.5 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 35.528 ng/ul
RT: 21.968 min Scan# 3227
Delta R.T. 0.011 min
Lab File: BP011480.D
Acq: 18 Aug 2022 13:40

Tgt Ion:149 Resp: 1142201





#90

Benzo(b)fluoranthene

Concen: 35.231 ng/ul

RT: 22.745 min Scan# 3358

Delta R.T. 0.017 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

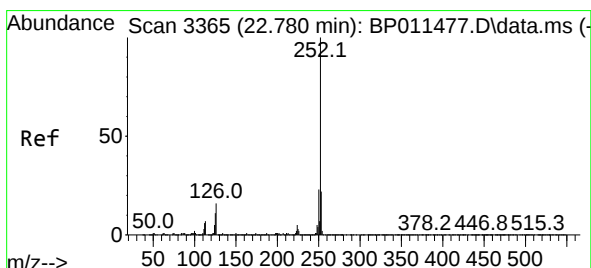
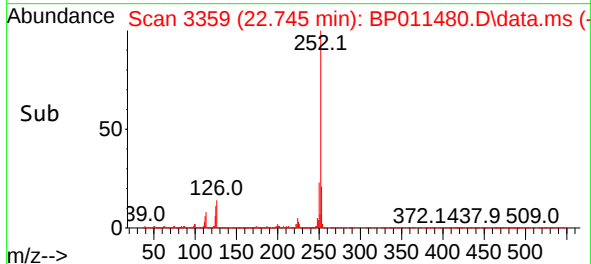
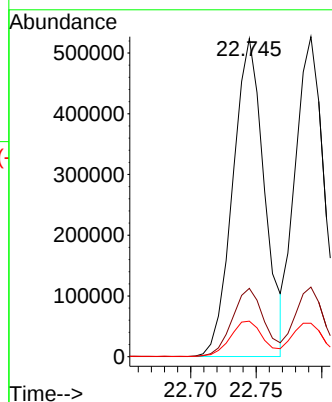
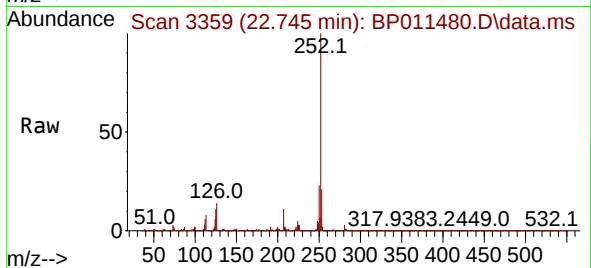
Tgt Ion:252 Resp: 876491

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 11.2 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 33.775 ng/ul

RT: 22.792 min Scan# 3367

Delta R.T. 0.017 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

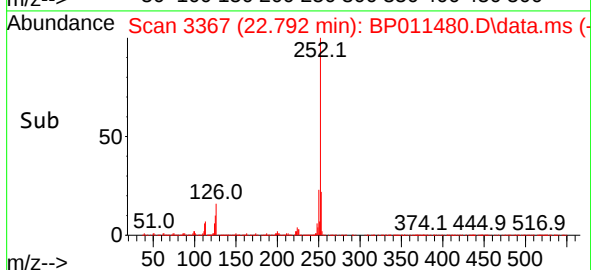
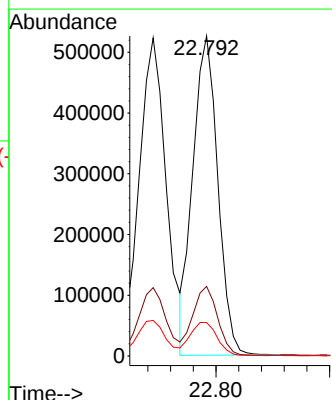
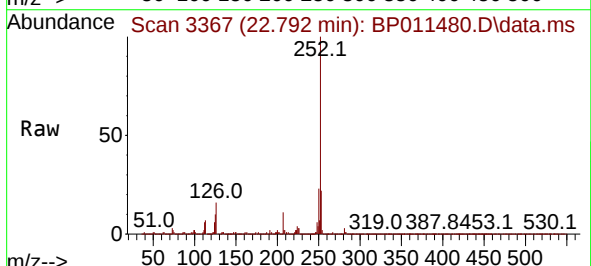
Tgt Ion:252 Resp: 801848

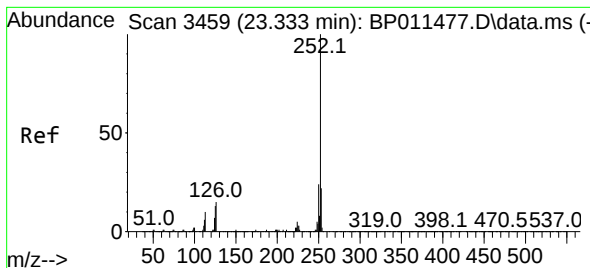
Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

125 10.5 9.8 14.8





#93

Benzo(a)pyrene

Concen: 34.554 ng/ul

RT: 23.339 min Scan# 3459

Delta R.T. 0.011 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

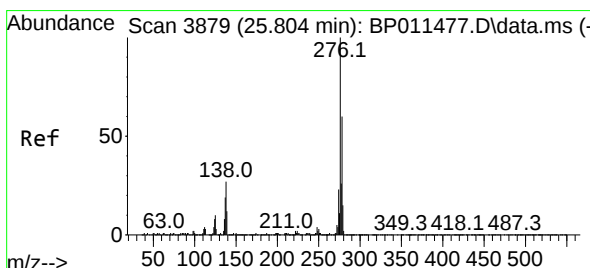
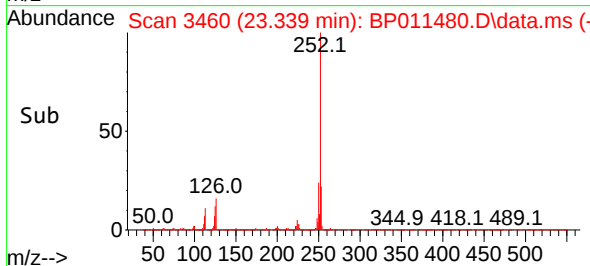
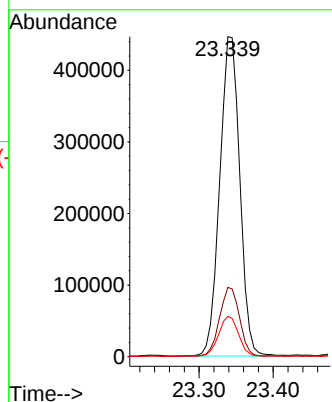
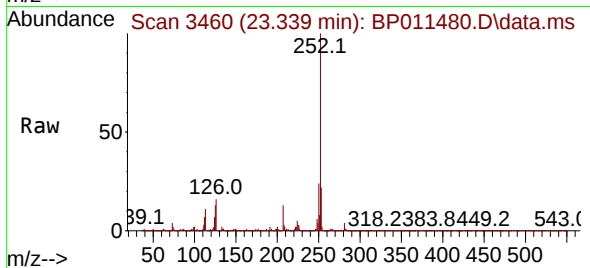
Tgt Ion:252 Resp: 839266

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

125 12.6 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.574 ng/ul

RT: 25.821 min Scan# 3882

Delta R.T. 0.035 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

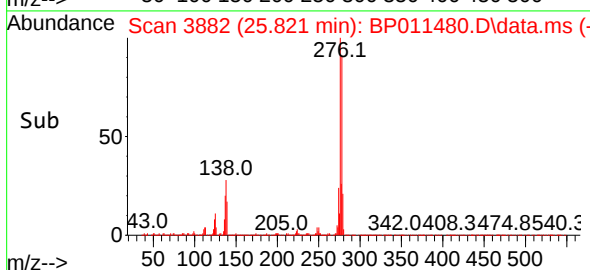
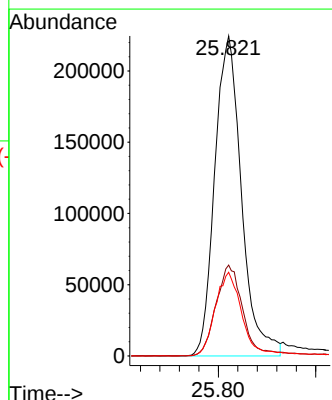
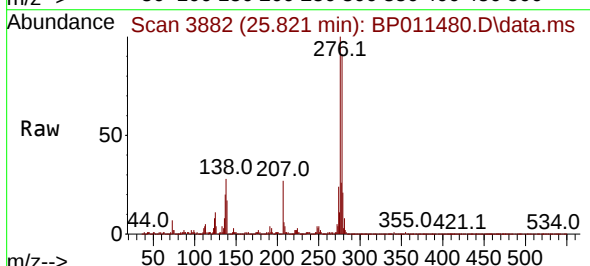
Tgt Ion:276 Resp: 855389

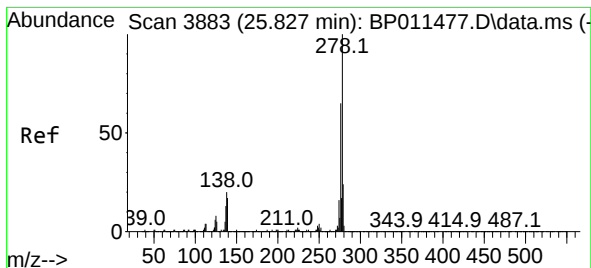
Ion Ratio Lower Upper

276 100

138 28.4 20.2 30.4

277 26.2 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 33.630 ng/ul

RT: 25.833 min Scan# 3883

Delta R.T. 0.029 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Instrument :

BNA_P

ClientSampleId :

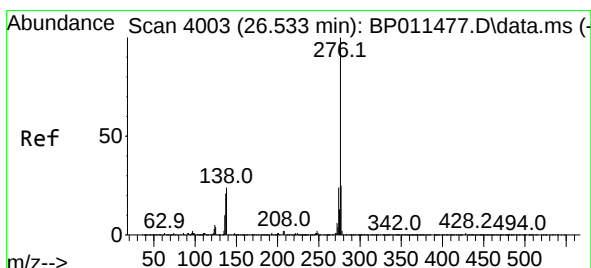
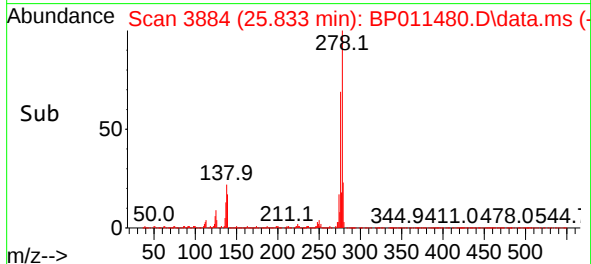
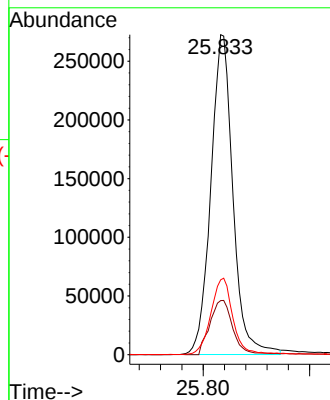
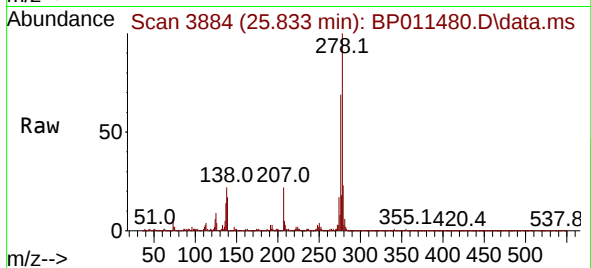
Tgt Ion:278 Resp: 784483

Ion Ratio Lower Upper

278 100

139 16.9 15.4 23.0

279 23.4 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 21.202 ng/ul

RT: 26.539 min Scan# 4004

Delta R.T. 0.029 min

Lab File: BP011480.D

Acq: 18 Aug 2022 13:40

Tgt Ion:276 Resp: 488597

Ion Ratio Lower Upper

276 100

138 25.7 19.4 29.2

277 24.8 19.1 28.7

