

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011466.D
 Acq On : 17 Aug 2022 17:36
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 17 23:30:35 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	7.564	152	108220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.352	136	451796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	252908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	502710	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	465920	20.000	ng/u1	0.00
88) Perylene-d12	23.445	264	497647	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	27047	7.756	ng/uL	0.00
4) Pyridine-d5	3.481	84	170138	19.055	ng/u1	0.00
7) Phenol-d5	6.746	99	181207	18.221	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	113064	17.499	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	146344	20.007	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	139252	17.494	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	69251	21.291	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	72520	21.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	122647	20.072	ng/u1	0.00
31) 4-Chloroaniline-d4	10.505	131	187126	18.397	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	353340	19.753	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	404304	20.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	68843	19.975	ng/u1	0.00
60) Fluorene-d10	15.240	176	281339	18.695	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	51239	18.863	ng/u1	0.02
73) Anthracene-d10	17.110	188	434863	19.532	ng/u1	0.00
81) Pyrene-d10	19.375	212	457592	19.412	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.292	264	467528	19.313	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	27964	7.690	ng/uL	98
5) Pyridine	3.499	79	171709	19.267	ng/u1	98
6) Benzaldehyde	6.717	77	89664	19.646	ng/u1	93
8) Phenol	6.775	94	186458	18.245	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.005	93	143599	18.013	ng/u1	96
12) 2-Chlorophenol	7.128	128	153225	19.467	ng/u1	98
13) 2-Methylphenol	8.016	108	138188	18.354	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	199734	16.912	ng/u1	99
16) Acetophenone	8.393	105	224033	16.919	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.381	70	118243	17.952	ng/u1	92
18) 4-Methylphenol	8.352	108	146515	17.578	ng/u1	98
19) Hexachloroethane	8.628	117	67300	18.850	ng/u1	98
22) Nitrobenzene	8.769	77	175364	19.127	ng/u1	95
23) Isophorone	9.299	82	316103	19.642	ng/u1	96
25) 2-Nitrophenol	9.475	139	79242	20.981	ng/u1	97
26) 2,4-Dimethylphenol	9.546	107	170649	19.029	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.787	93	184678	18.985	ng/u1	98
29) 2,4-Dichlorophenol	10.005	162	125062	19.999	ng/u1	98
30) Naphthalene	10.405	128	449636	18.849	ng/u1	99
32) 4-Chloroaniline	10.528	127	192056	18.224	ng/u1	99
33) Hexachlorobutadiene	10.681	225	75962	19.081	ng/u1	99
34) Caprolactam	11.328	113	45395	20.020	ng/u1	94
35) 4-Chloro-3-methylphenol	11.669	107	151675	19.184	ng/u1	98
36) 2-Methylnaphthalene	12.028	142	288269	18.574	ng/u1	98

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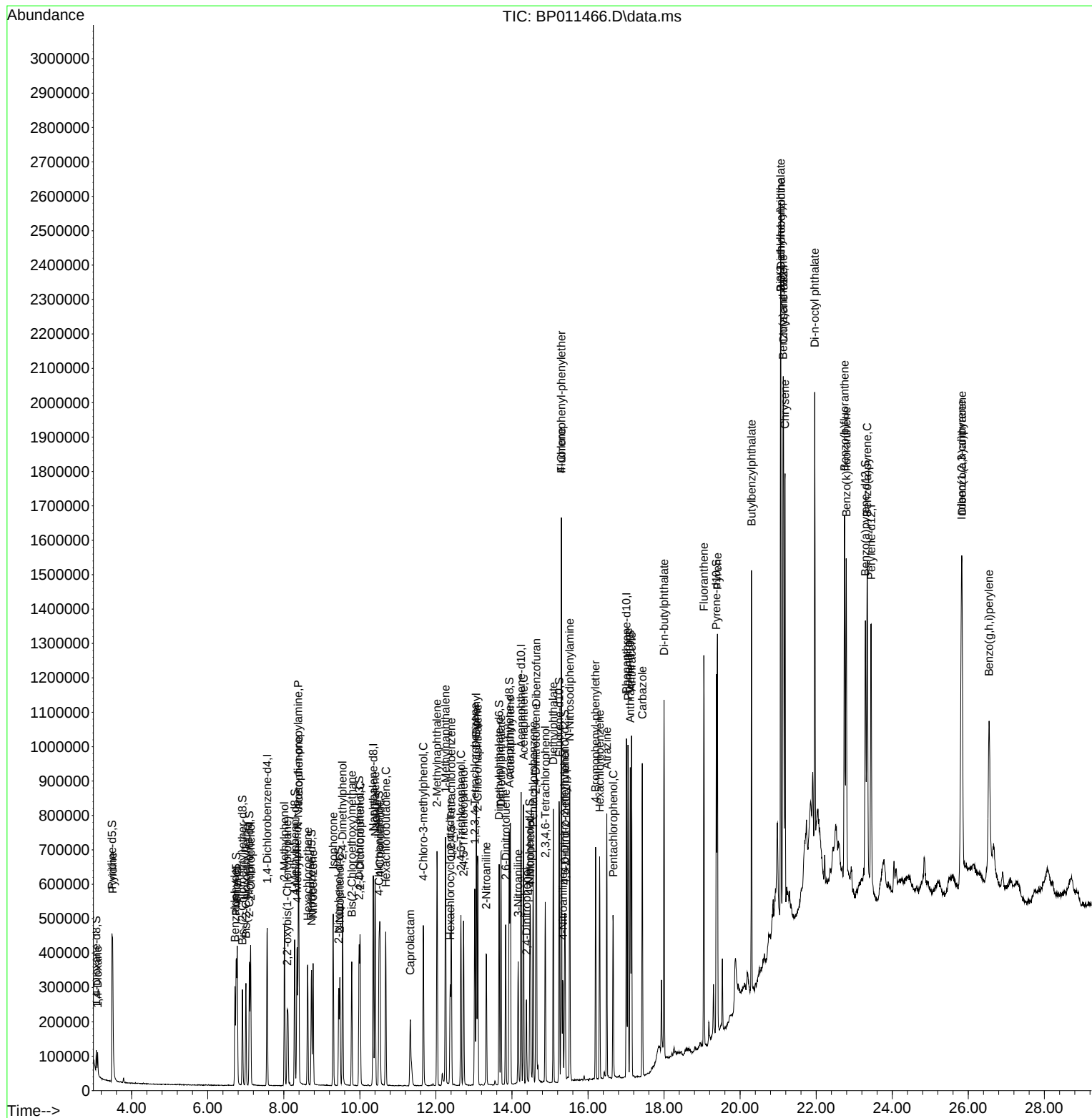
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 BNA_P
 ClientSampleId :

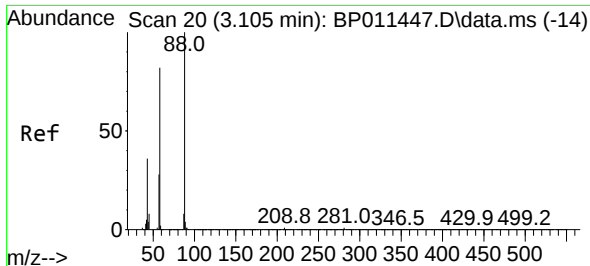
Quant Time: Aug 17 23:30:35 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.252	142	289255	18.376	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.404	216	128462	20.012	ng/ul	99
40) Hexachlorocyclopentadiene	12.375	237	62119	15.598	ng/ul	98
41) 2,4,6-Trichlorophenol	12.657	196	90805	21.979	ng/ul	99
42) 2,4,5-Trichlorophenol	12.728	196	96623	21.009	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	371694	19.724	ng/ul	99
44) 2-Chloronaphthalene	13.099	162	280891	19.780	ng/ul	100
45) 2-Nitroaniline	13.322	65	101362	20.914	ng/ul	93
47) Dimethylphthalate	13.710	163	359351	19.437	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	70747	21.285	ng/ul	95
50) Acenaphthylene	13.957	152	467914	19.811	ng/ul	98
51) 3-Nitroaniline	14.163	138	72636	20.062	ng/ul	99
52) Acenaphthene	14.304	153	301595	19.065	ng/ul	98
53) 2,4-Dinitrophenol	14.381	184	38935	19.138	ng/ul	95
55) 4-Nitrophenol	14.487	109	71775	17.479	ng/ul	94
56) Dibenzofuran	14.640	168	408776	18.738	ng/ul	97
57) 2,4-Dinitrotoluene	14.628	165	103753	20.851	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.875	232	74459	20.621	ng/ul	96
59) Diethylphthalate	15.087	149	389903	19.255	ng/ul	99
61) Fluorene	15.298	166	338096	18.944	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	151058	18.736	ng/ul	96
63) 4-Nitroaniline	15.340	138	64635	18.482	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.398	198	53077	18.889	ng/ul	97
67) N-Nitrosodiphenylamine	15.522	169	288846	19.584	ng/ul	99
68) 4-Bromophenyl-phenylether	16.198	248	88538	19.730	ng/ul	96
69) Hexachlorobenzene	16.304	284	100626	19.457	ng/ul	99
70) Atrazine	16.493	200	108351	19.686	ng/ul	98
71) Pentachlorophenol	16.663	266	63468	19.792	ng/ul	99
72) Phenanthrene	17.051	178	514935	18.924	ng/ul	99
74) Anthracene	17.145	178	521095	18.982	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	132212	20.459	ng/ul	99
76) Pentachlorobenzene	14.557	250	121062	19.743	ng/ul	96
77) Carbazole	17.428	167	490882	19.011	ng/ul	100
78) Di-n-butylphthalate	17.998	149	669937	21.069	ng/ul	99
80) Fluoranthene	19.045	202	594296	20.500	ng/ul	98
82) Pyrene	19.404	202	607616	19.948	ng/ul	98
83) Butylbenzylphthalate	20.298	149	311283	22.781	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.069	252	173609	19.683	ng/ul	96
85) Benzo(a)anthracene	21.128	228	573310	20.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.063	149	455697	22.536	ng/ul	99
87) Chrysene	21.180	228	561570	20.139	ng/ul	100
89) Di-n-octyl phthalate	21.963	149	790133	19.752	ng/ul	100
90) Benzo(b)fluoranthene	22.745	252	611191	19.744	ng/ul	98
91) Benzo(k)fluoranthene	22.792	252	538986	18.245	ng/ul	98
93) Benzo(a)pyrene	23.345	252	573123	18.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	671968	19.934	ng/ul	98
95) Dibenzo(a,h)anthracene	25.833	278	577985	19.913	ng/ul	99
96) Benzo(g,h,i)perylene	26.545	276	562578	19.619	ng/ul	99

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

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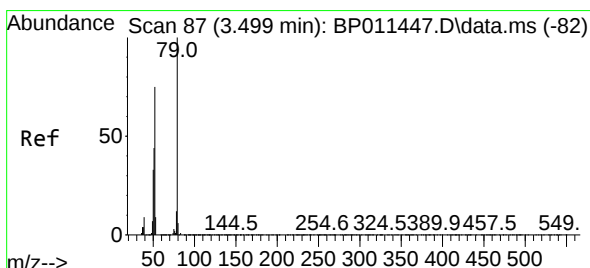
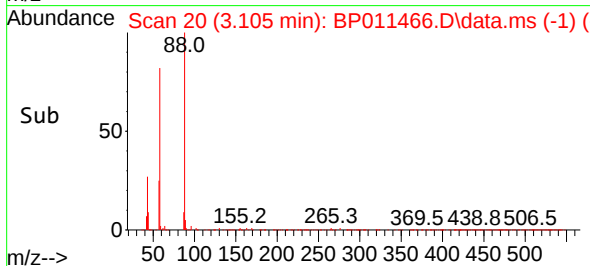
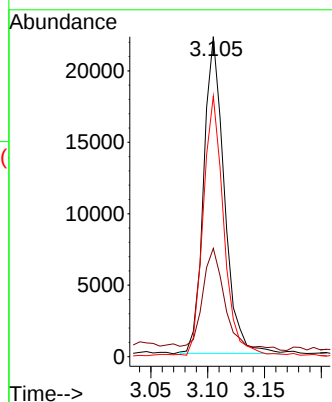
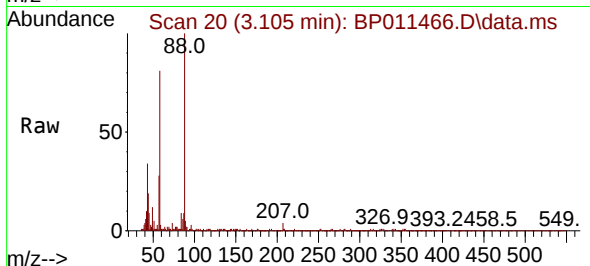




#2
1,4-Dioxane
Concen: 7.690 ng/uL
RT: 3.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP011466.D
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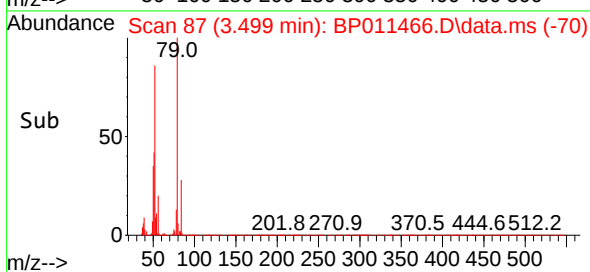
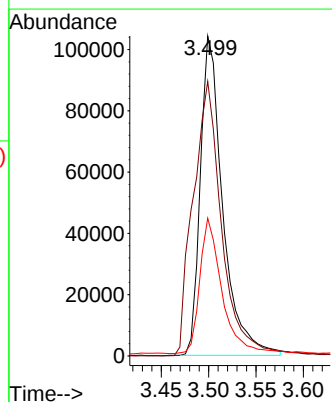
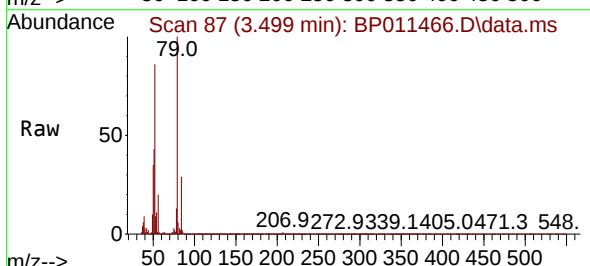
Instrument :
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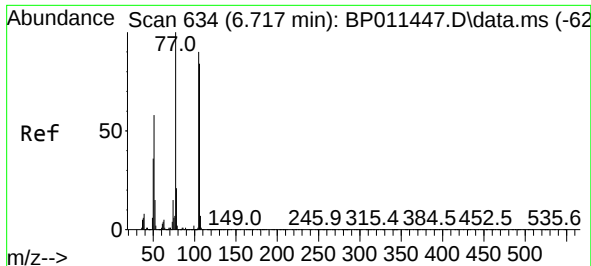
Tgt Ion: 88	Resp: 27964
Ion Ratio	Lower Upper
88 100	
43 33.8	29.0 43.4
58 81.5	64.7 97.1



#5
Pyridine
Concen: 19.267 ng/uL
RT: 3.499 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 79	Resp: 171709
Ion Ratio	Lower Upper
79 100	
52 85.8	70.2 105.2
51 43.1	36.1 54.1

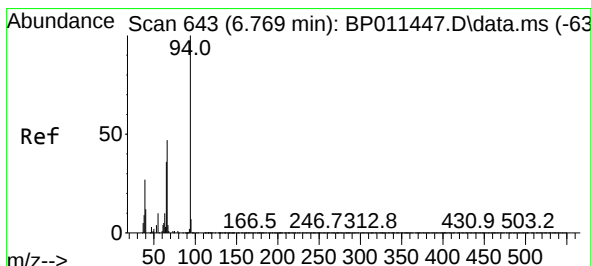
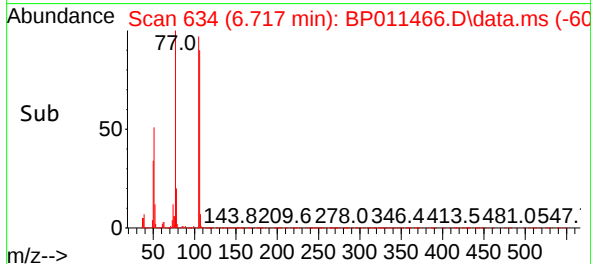
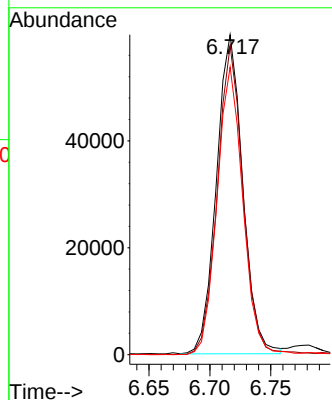
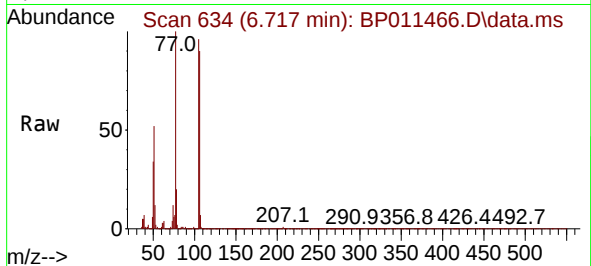




#6
Benzaldehyde
Concen: 19.646 ng/ul
RT: 6.717 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

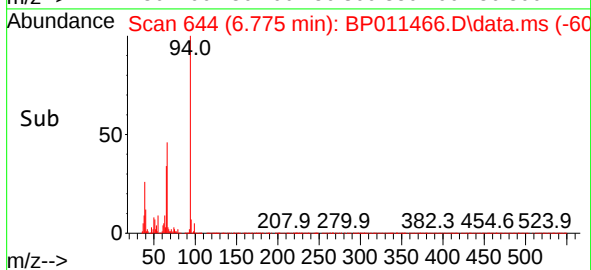
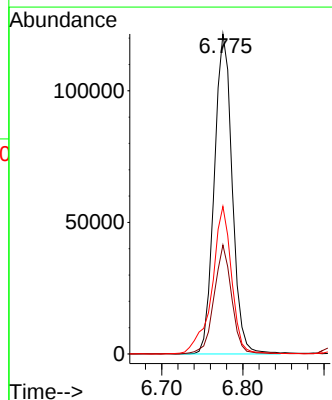
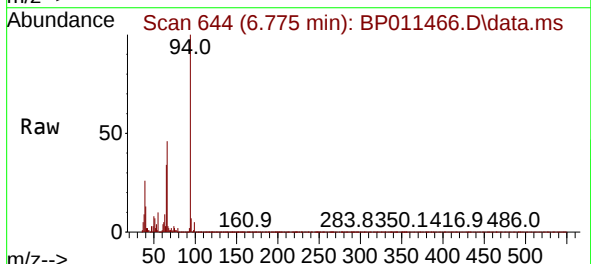
Instrument :
BNA_P
ClientSampleId :

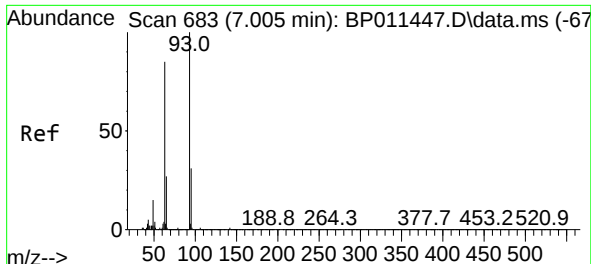
Tgt Ion: 77 Resp: 89664
Ion Ratio Lower Upper
77 100
105 96.5 72.0 108.0
106 89.9 67.4 101.0



#8
Phenol
Concen: 18.245 ng/ul
RT: 6.775 min Scan# 644
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

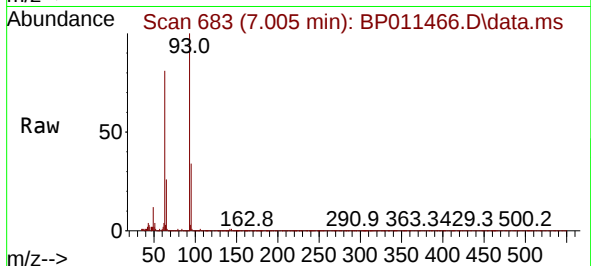
Tgt Ion: 94 Resp: 186458
Ion Ratio Lower Upper
94 100
65 34.0 28.9 43.3
66 46.1 39.4 59.0



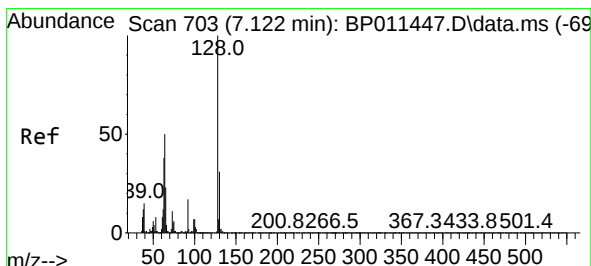
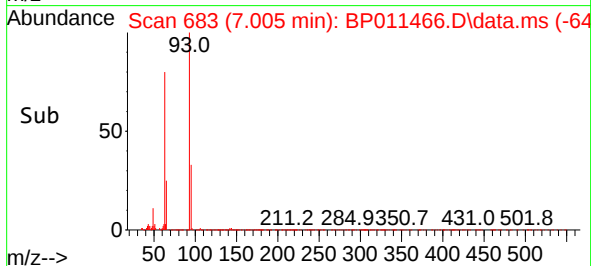
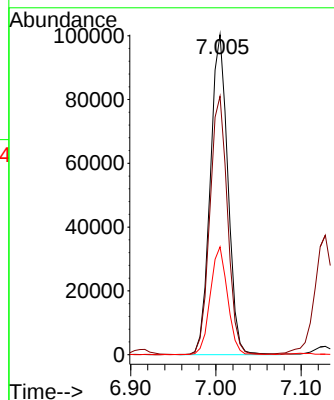


#10
 Bis(2-Chloroethyl)ether
 Concen: 18.013 ng/ul
 RT: 7.005 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP011466.D
 Acq: 17 Aug 2022 17:36

Instrument :
 BNA_P
 ClientSampleId :

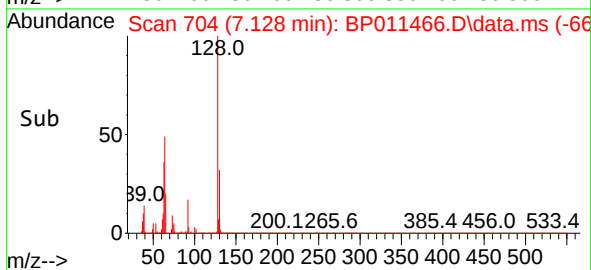
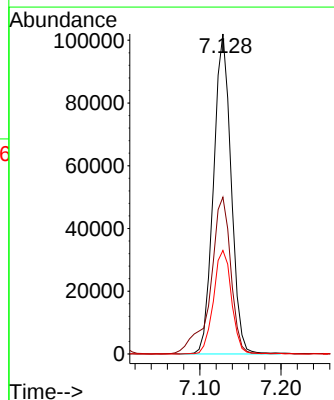
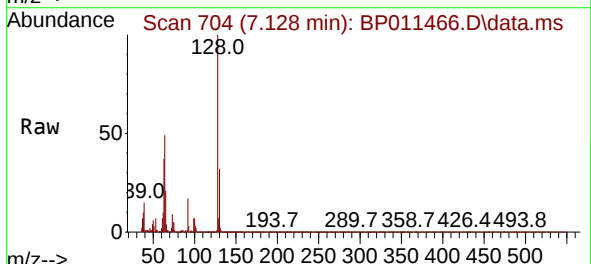


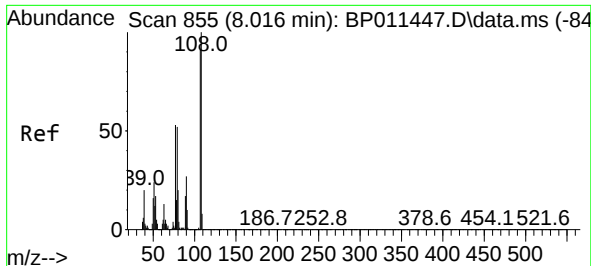
Tgt Ion:	93	Resp:	143599
Ion	Ratio	Lower	Upper
93	100		
63	80.8	67.8	101.6
95	33.7	25.0	37.6



#12
 2-Chlorophenol
 Concen: 19.467 ng/ul
 RT: 7.128 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: BP011466.D
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Tgt Ion:	128	Resp:	153225
Ion	Ratio	Lower	Upper
128	100		
64	49.0	40.2	60.2
130	32.4	24.6	37.0





#13

2-Methylphenol

Concen: 18.354 ng/ul

RT: 8.016 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

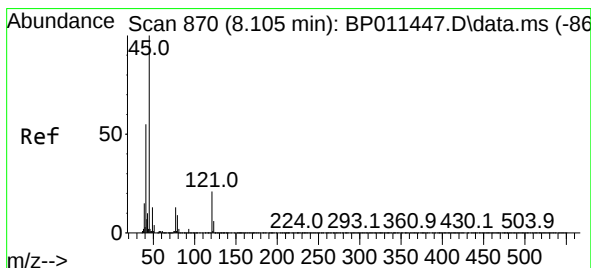
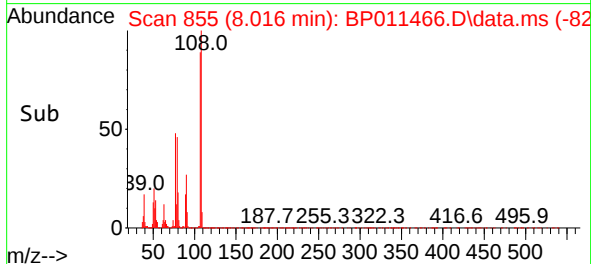
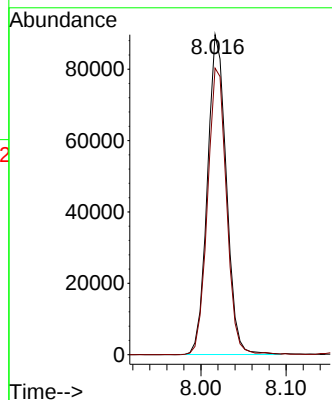
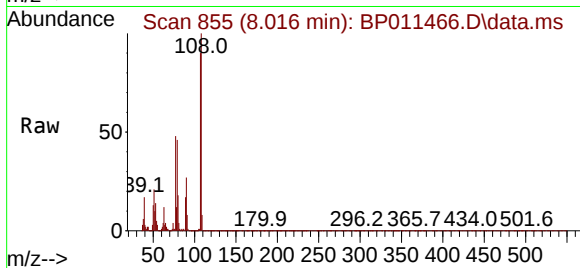
ClientSampleId :

Tgt Ion:108 Resp: 138188

Ion Ratio Lower Upper

108 100

107 89.5 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.912 ng/ul

RT: 8.093 min Scan# 868

Delta R.T. -0.012 min

Lab File: BP011466.D

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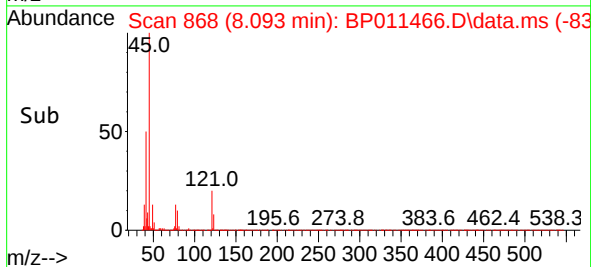
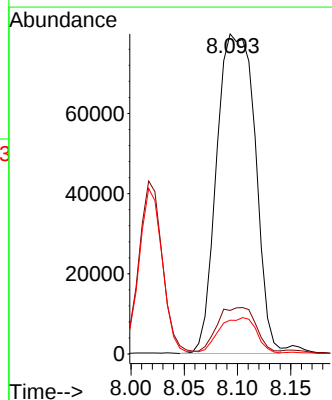
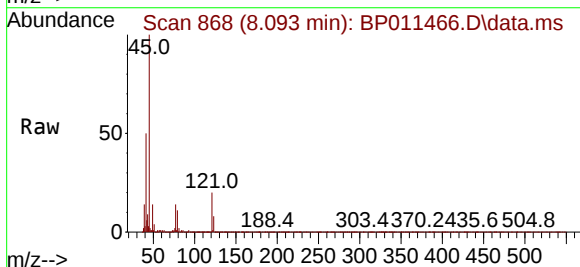
Tgt Ion: 45 Resp: 199734

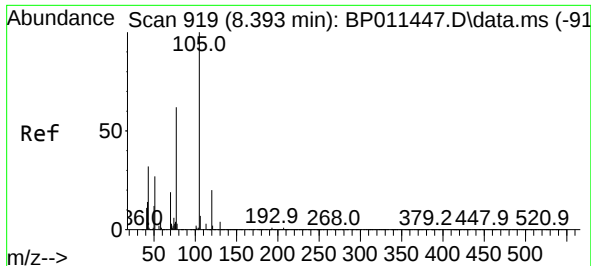
Ion Ratio Lower Upper

45 100

77 13.6 11.4 17.0

79 10.5 8.6 13.0

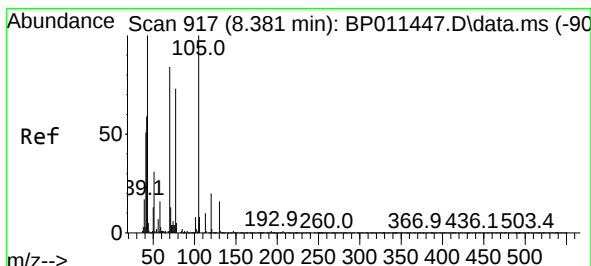
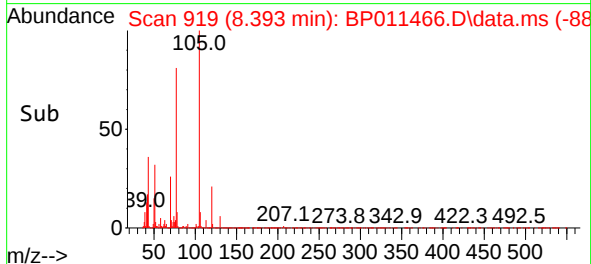
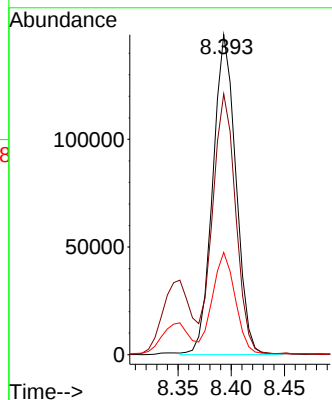
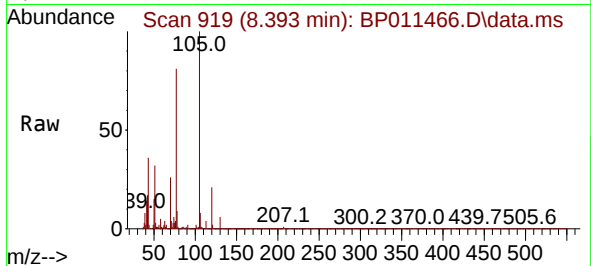




#16
Acetophenone
Concen: 16.919 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
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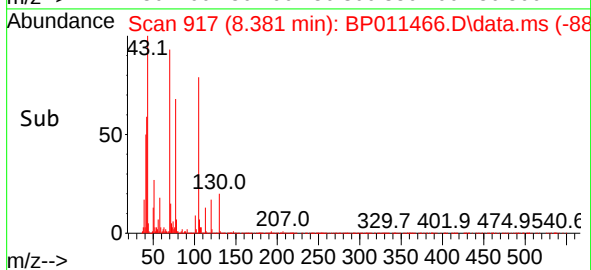
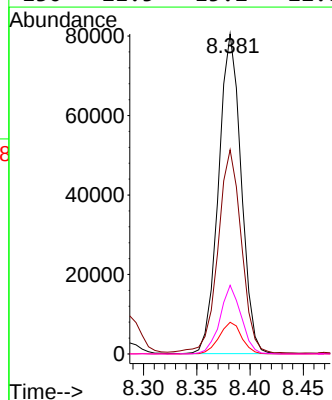
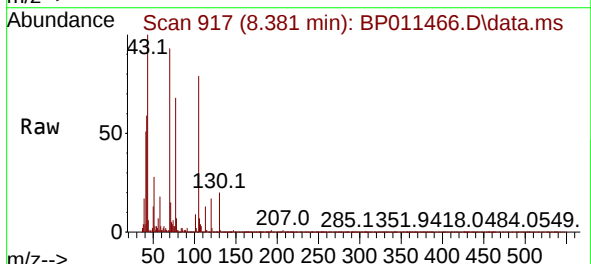
Instrument :
BNA_P
ClientSampleId :

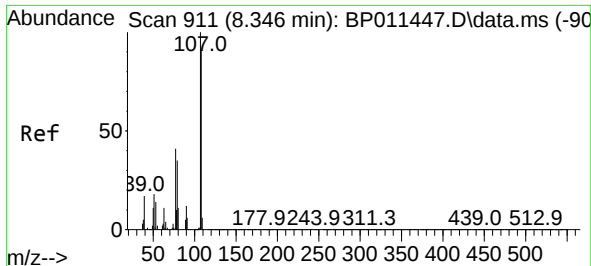
Tgt Ion:105 Resp: 224033
Ion Ratio Lower Upper
105 100
77 81.5 66.4 99.6
51 31.9 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 17.952 ng/ul
RT: 8.381 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 70 Resp: 118243
Ion Ratio Lower Upper
70 100
42 63.8 57.0 85.4
101 9.9 7.6 11.4
130 21.5 15.2 22.8

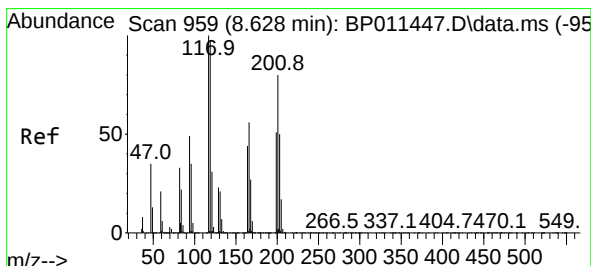
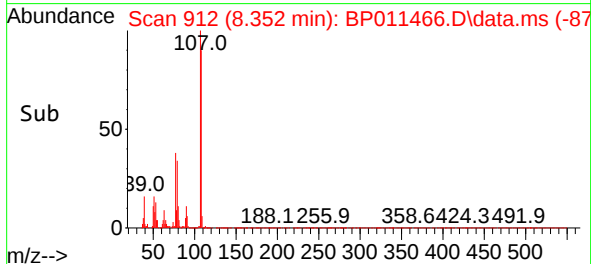
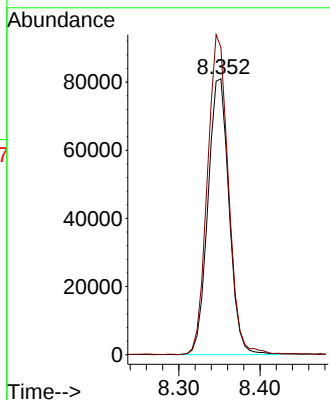
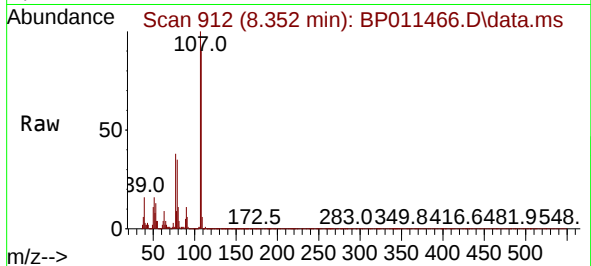




#18
4-Methylphenol
Concen: 17.578 ng/ul
RT: 8.352 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

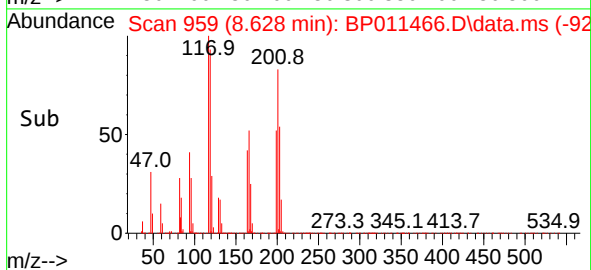
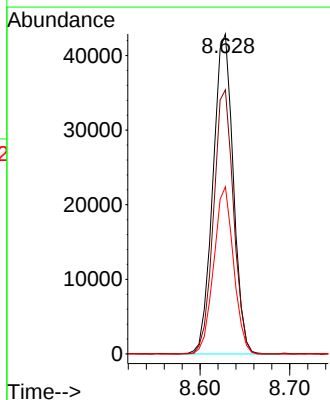
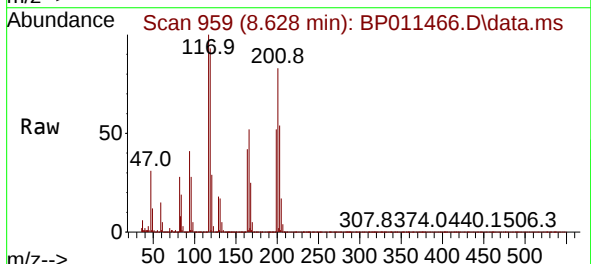
Instrument :
BNA_P
ClientSampleId :

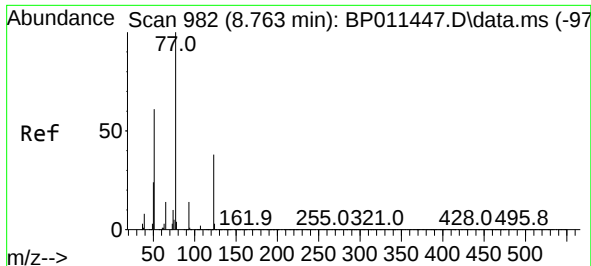
Tgt Ion:108 Resp: 146515
Ion Ratio Lower Upper
108 100
107 111.4 87.7 131.5



#19
Hexachloroethane
Concen: 18.850 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:117 Resp: 67300
Ion Ratio Lower Upper
117 100
201 82.6 64.2 96.4
199 52.3 41.0 61.6

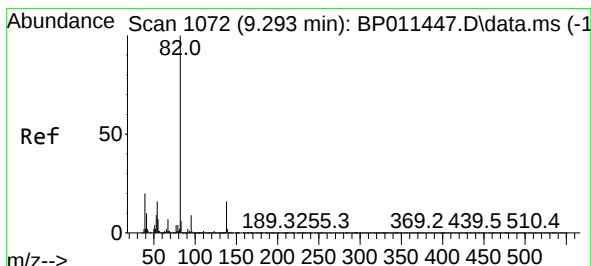
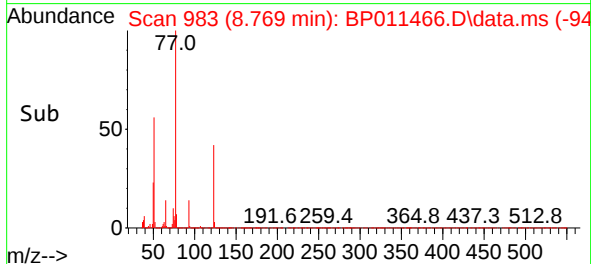
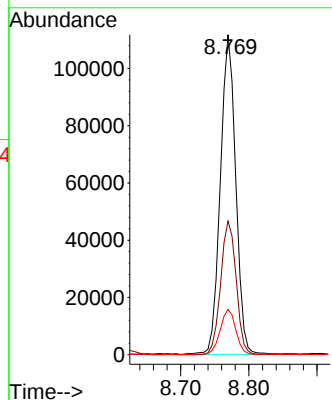
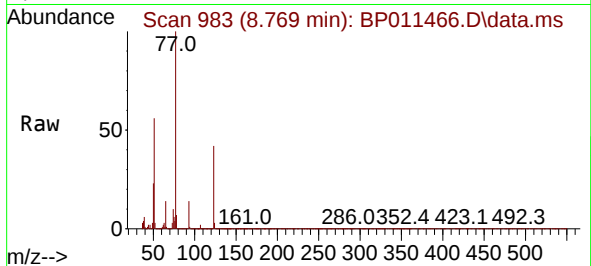




#22
Nitrobenzene
Concen: 19.127 ng/ul
RT: 8.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

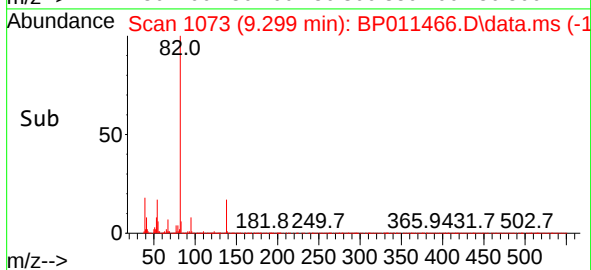
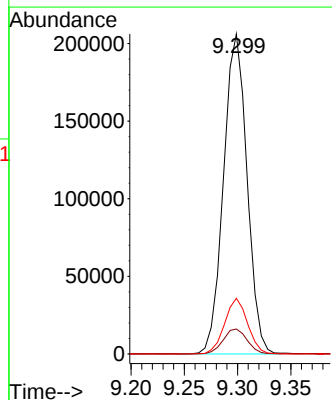
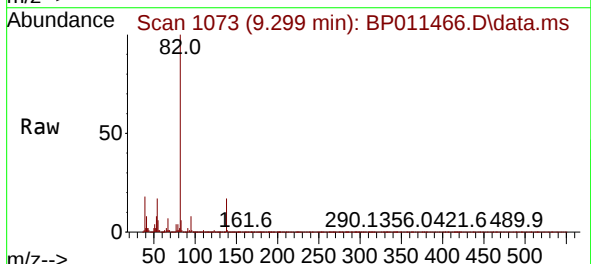
Instrument :
BNA_P
ClientSampleId :

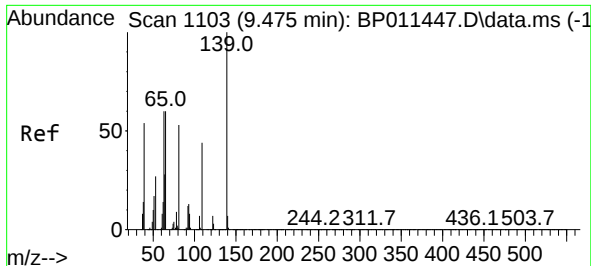
Tgt Ion: 77 Resp: 175364
Ion Ratio Lower Upper
77 100
123 41.8 30.4 45.6
65 14.2 11.5 17.3



#23
Isophorone
Concen: 19.642 ng/ul
RT: 9.299 min Scan# 1073
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 82 Resp: 316103
Ion Ratio Lower Upper
82 100
95 7.8 7.1 10.7
138 17.4 12.6 19.0

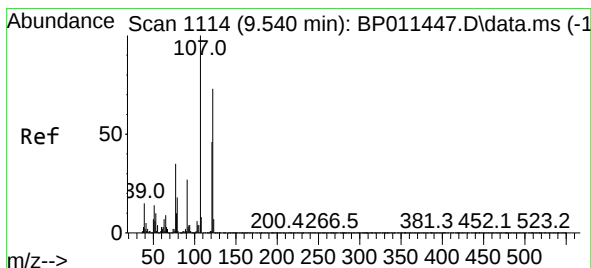
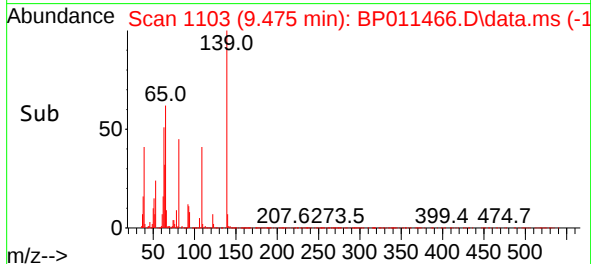
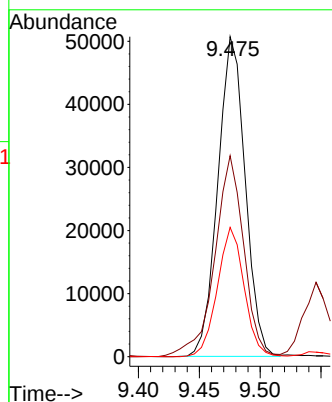
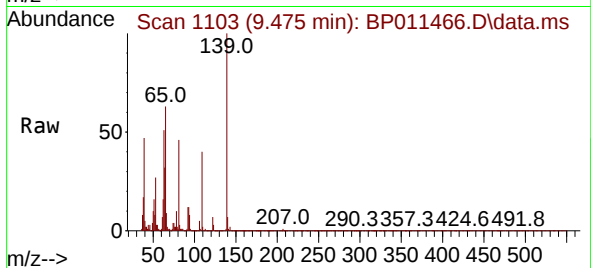




#25
2-Nitrophenol
Concen: 20.981 ng/ul
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

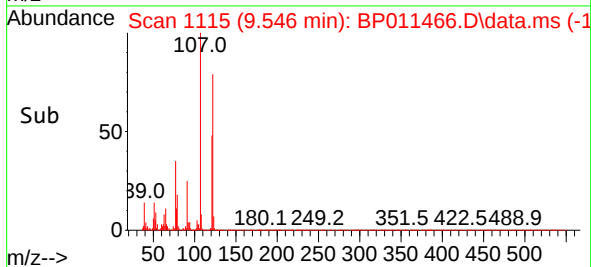
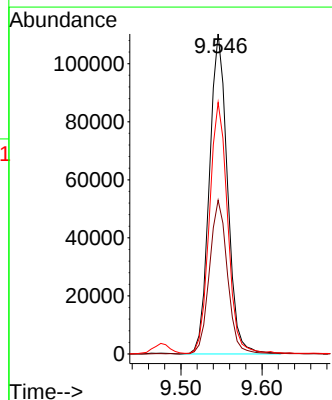
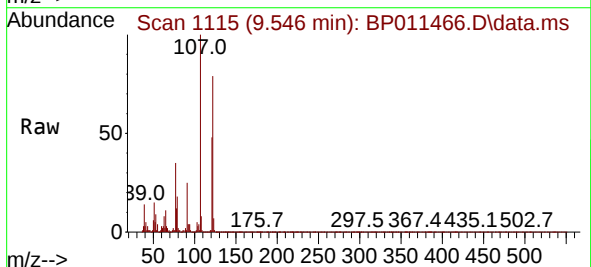
Instrument :
BNA_P
ClientSampleId :

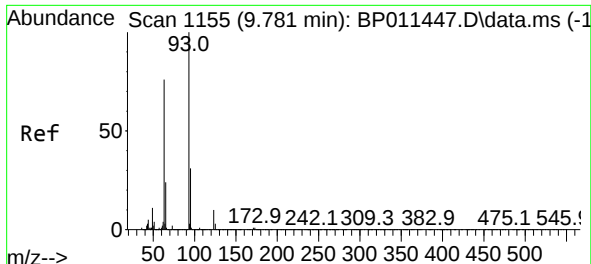
Tgt Ion:139 Resp: 79242
Ion Ratio Lower Upper
139 100
65 62.8 50.4 75.6
109 40.4 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 19.029 ng/ul
RT: 9.546 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:107 Resp: 170649
Ion Ratio Lower Upper
107 100
121 48.1 36.6 55.0
122 78.6 58.7 88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 18.985 ng/ul

RT: 9.787 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

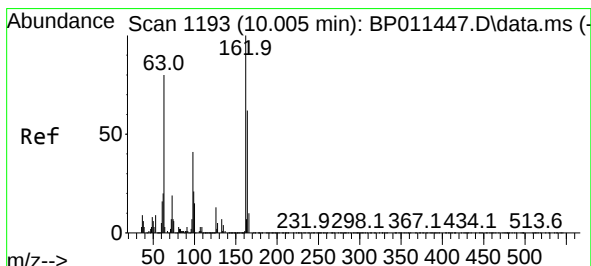
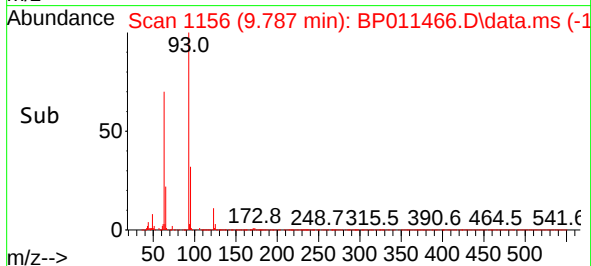
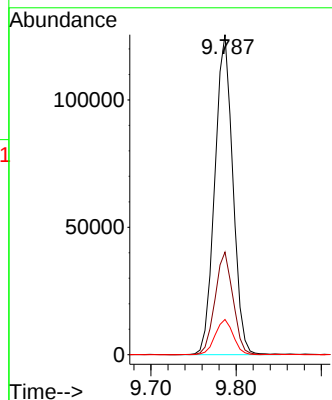
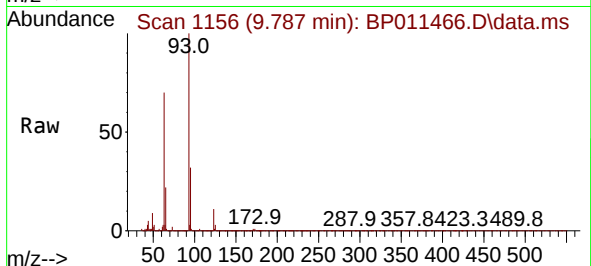
Tgt Ion: 93 Resp: 184678

Ion Ratio Lower Upper

93 100

95 32.1 24.8 37.2

123 11.0 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 19.999 ng/ul

RT: 10.005 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

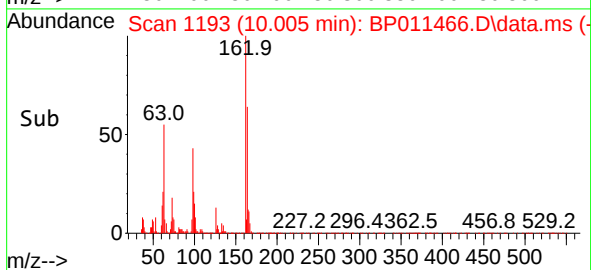
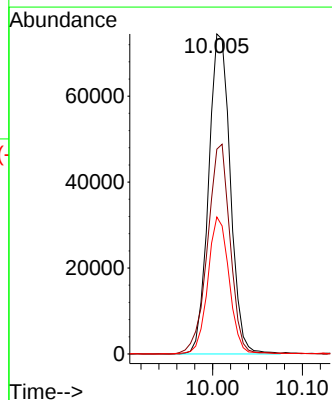
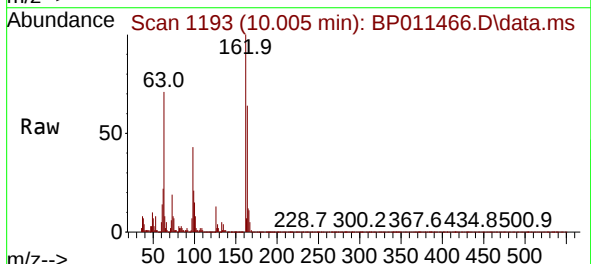
Tgt Ion:162 Resp: 125062

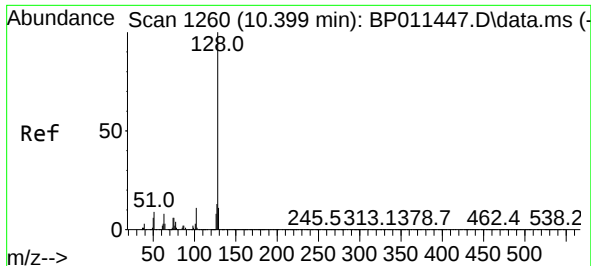
Ion Ratio Lower Upper

162 100

164 64.0 50.2 75.2

98 42.8 32.9 49.3

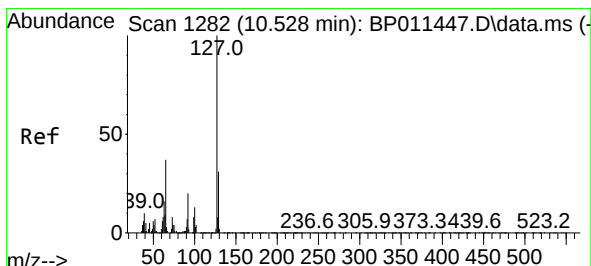
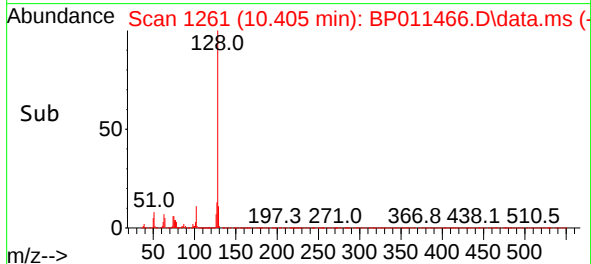
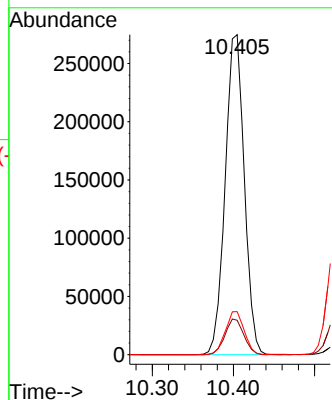
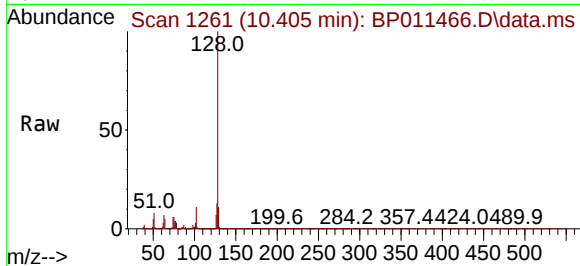




#30
Naphthalene
Concen: 18.849 ng/ul
RT: 10.405 min Scan# 1261
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

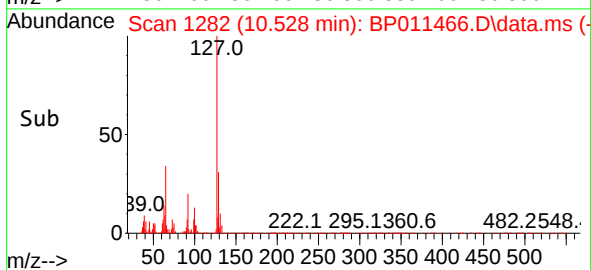
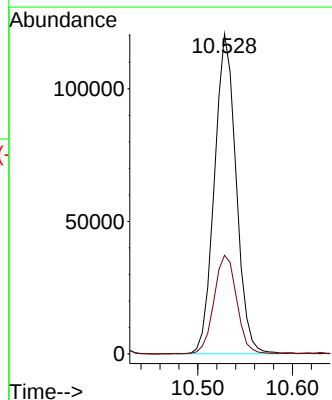
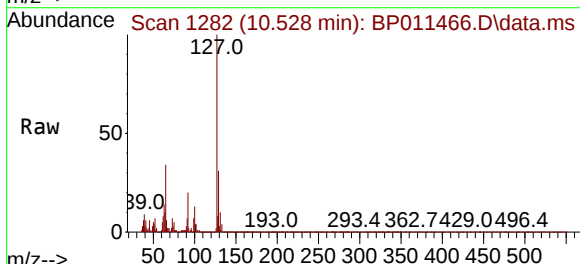
Instrument :
BNA_P
ClientSampleId :

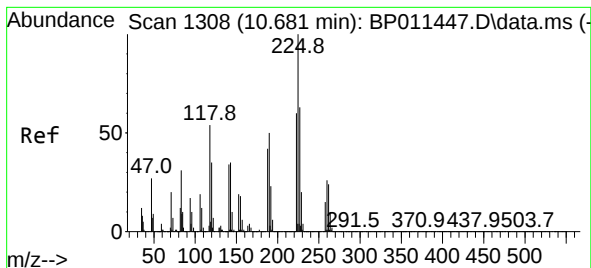
Tgt Ion:128 Resp: 449636
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 18.224 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:127 Resp: 192056
Ion Ratio Lower Upper
127 100
129 30.9 25.1 37.7





#33

Hexachlorobutadiene

Concen: 19.081 ng/ul

RT: 10.681 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

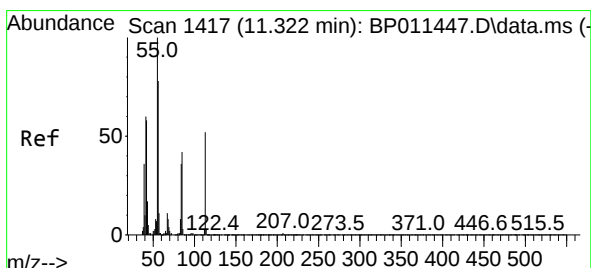
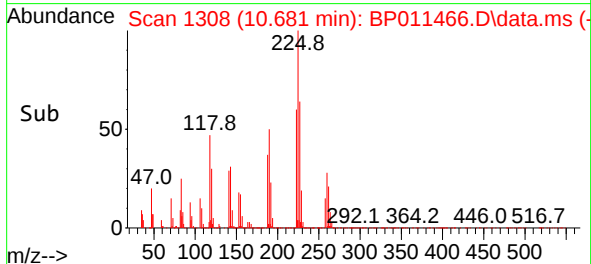
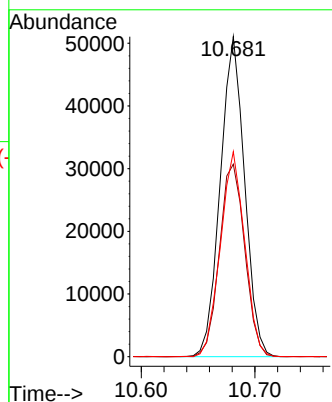
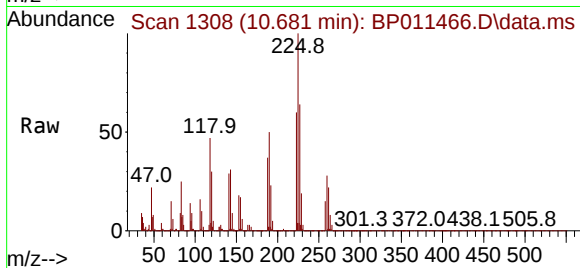
Tgt Ion:225 Resp: 75962

Ion Ratio Lower Upper

225 100

223 60.2 47.8 71.8

227 64.0 50.0 75.0



#34

Caprolactam

Concen: 20.020 ng/ul

RT: 11.328 min Scan# 1418

Delta R.T. 0.006 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

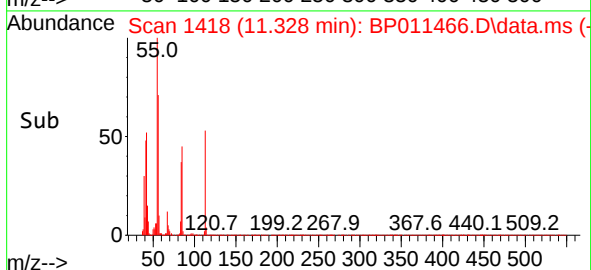
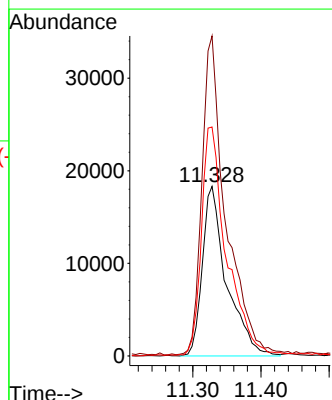
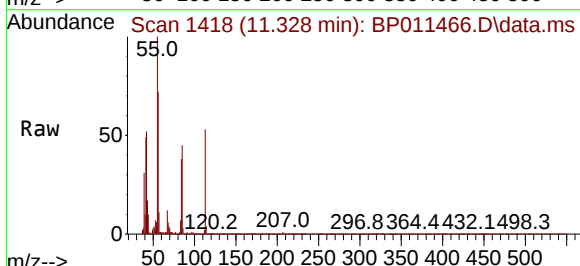
Tgt Ion:113 Resp: 45395

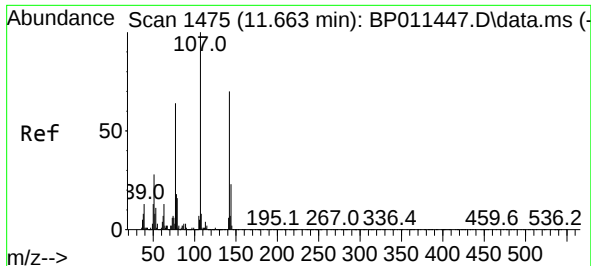
Ion Ratio Lower Upper

113 100

55 188.7 153.4 230.2

56 135.0 119.6 179.4

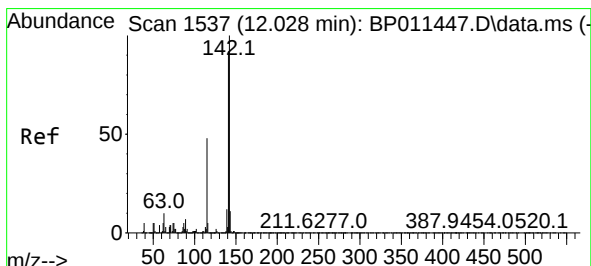
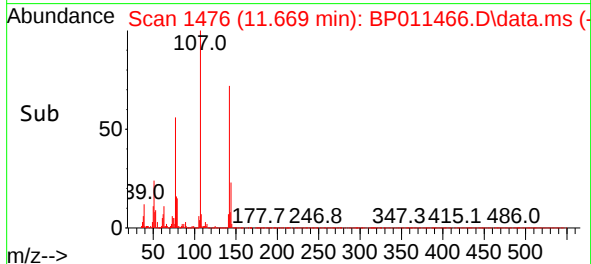
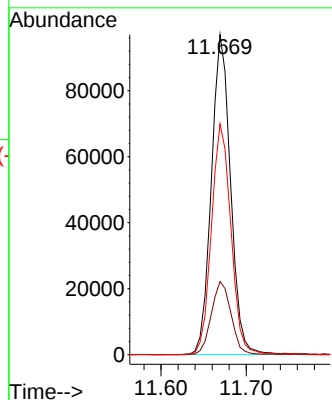
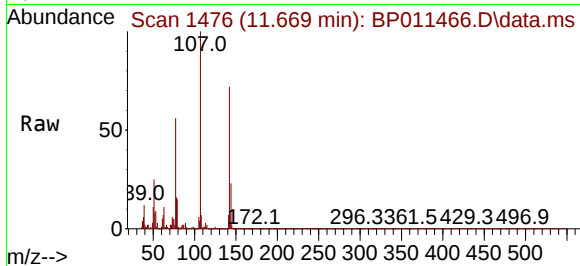




#35
4-Chloro-3-methylphenol
Concen: 19.184 ng/ul
RT: 11.669 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

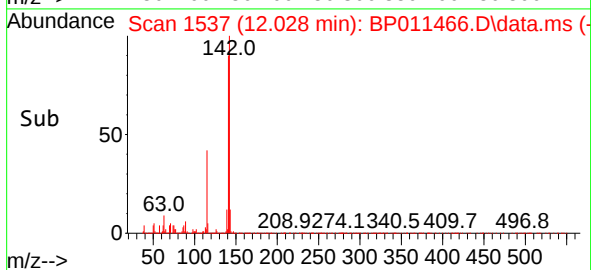
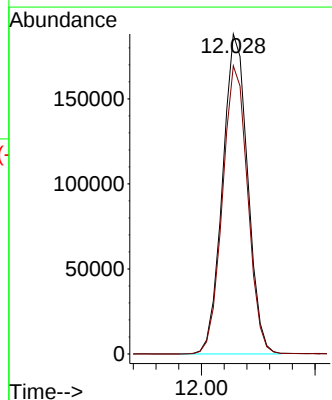
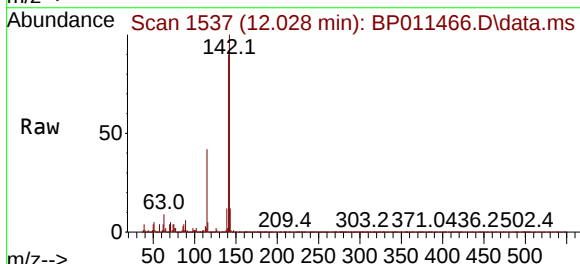
Instrument :
BNA_P
ClientSampleId :

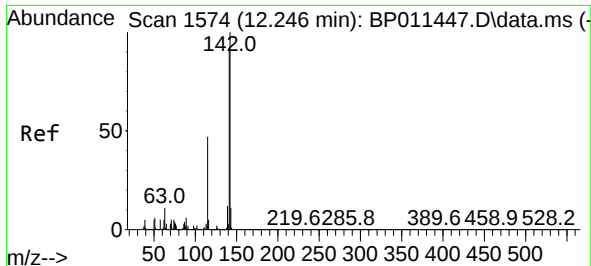
Tgt Ion:107 Resp: 151675
Ion Ratio Lower Upper
107 100
144 22.9 18.3 27.5
142 72.2 55.8 83.8



#36
2-Methylnaphthalene
Concen: 18.574 ng/ul
RT: 12.028 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:142 Resp: 288269
Ion Ratio Lower Upper
142 100
141 90.1 73.4 110.0

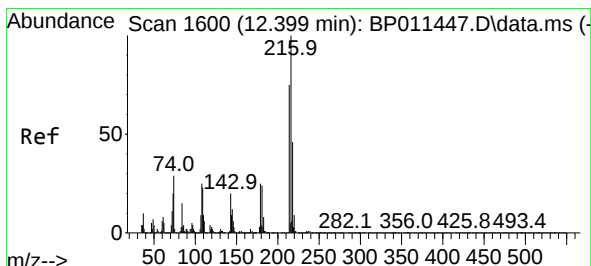
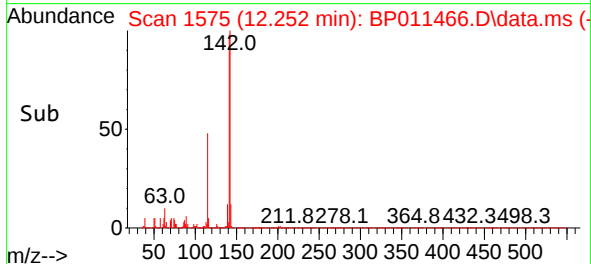
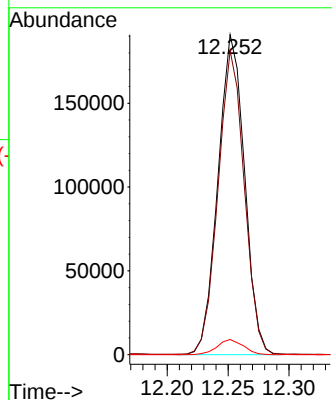
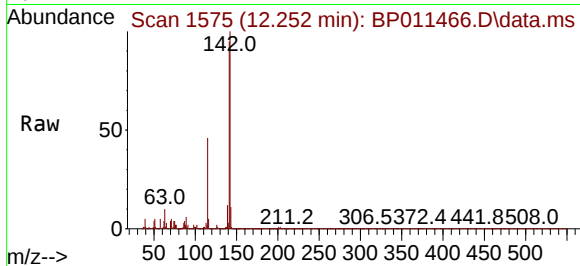




#37
1-Methylnaphthalene
Concen: 18.376 ng/ul
RT: 12.252 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

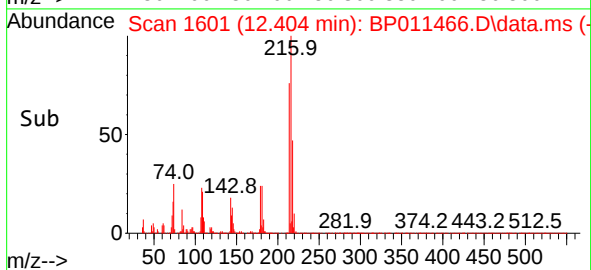
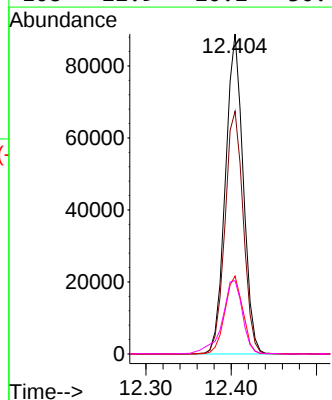
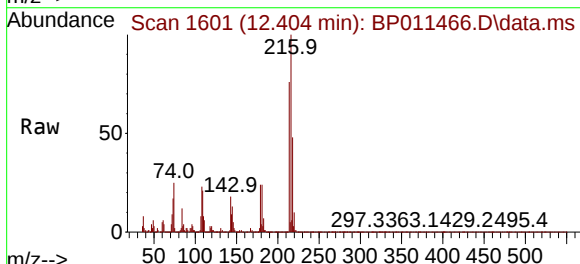
Instrument :
BNA_P
ClientSampleId :

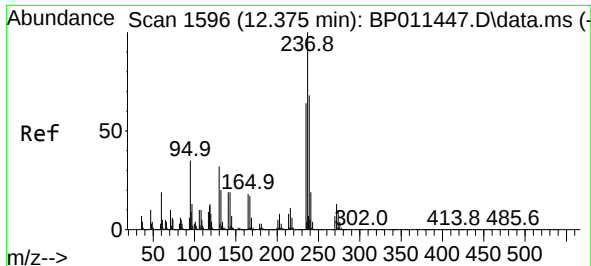
Tgt Ion:142 Resp: 289255
Ion Ratio Lower Upper
142 100
141 95.1 73.0 109.6
116 4.8 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.012 ng/ul
RT: 12.404 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:216 Resp: 128462
Ion Ratio Lower Upper
216 100
214 75.9 60.4 90.6
179 24.4 20.0 30.0
108 22.9 20.2 30.4

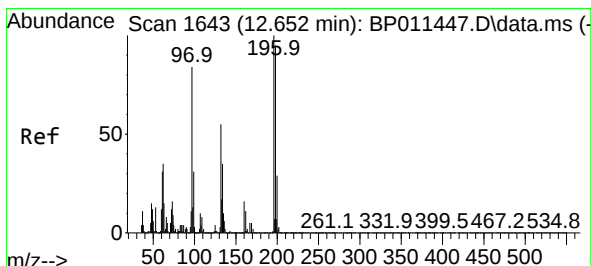
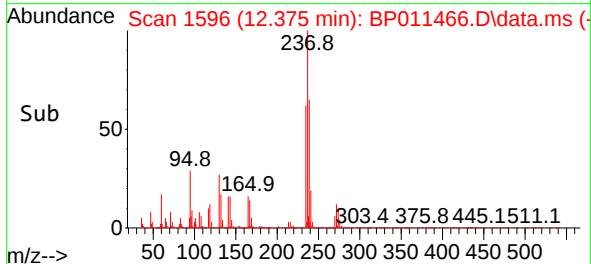
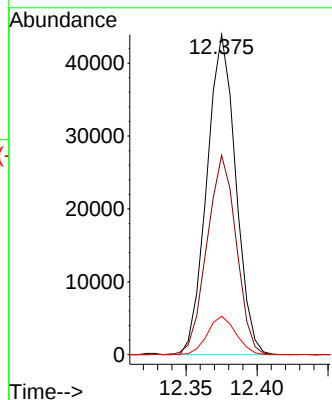
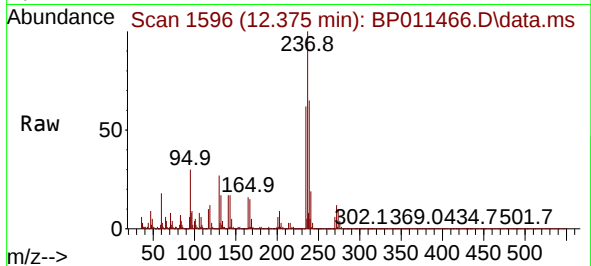




#40
Hexachlorocyclopentadiene
Concen: 15.598 ng/ul
RT: 12.375 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

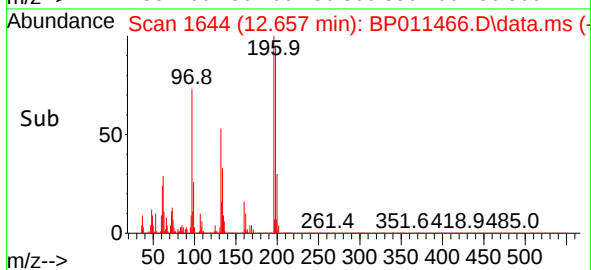
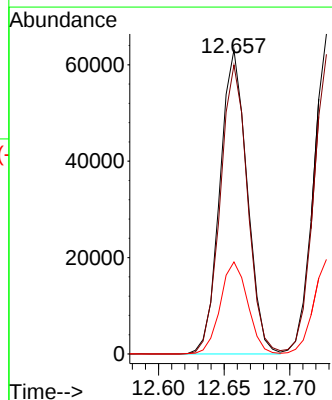
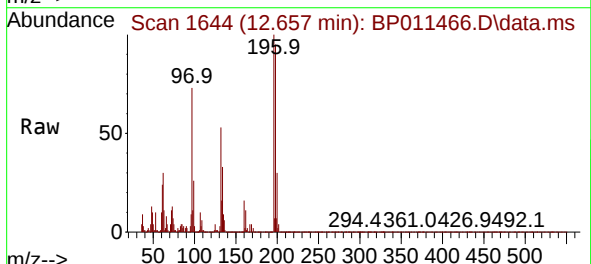
Instrument :
BNA_P
ClientSampleId :

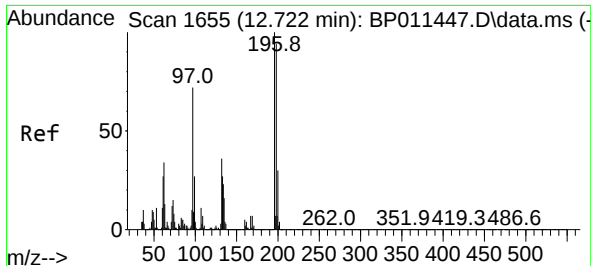
Tgt Ion:237	Resp:	62119
Ion Ratio	Lower	Upper
237	100	
235	62.3	50.9 76.3
272	12.0	11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 21.979 ng/ul
RT: 12.657 min Scan# 1644
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:196	Resp:	90805
Ion Ratio	Lower	Upper
196	100	
198	95.0	75.6 113.4
200	30.2	23.1 34.7

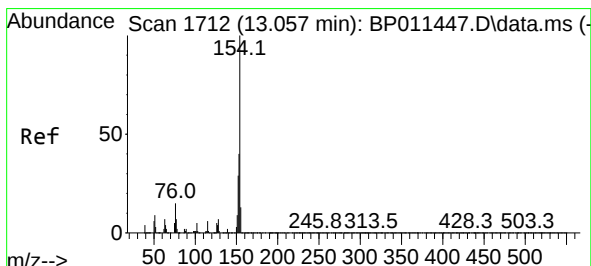
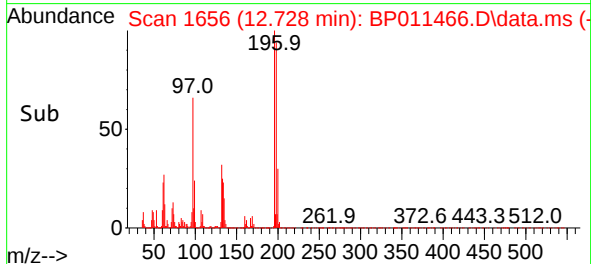
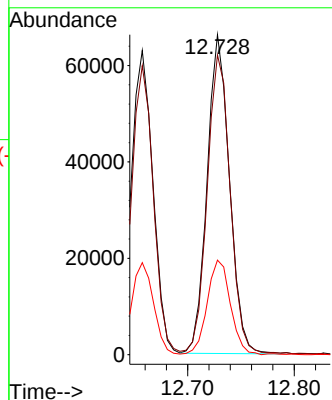
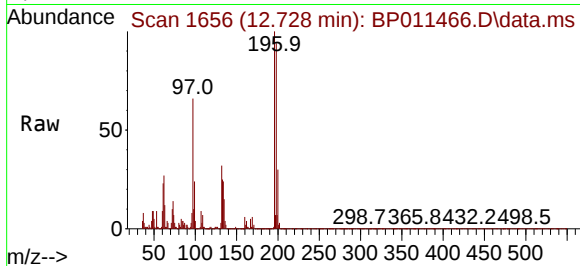




#42
2,4,5-Trichlorophenol
Concen: 21.009 ng/ul
RT: 12.728 min Scan# 1655
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

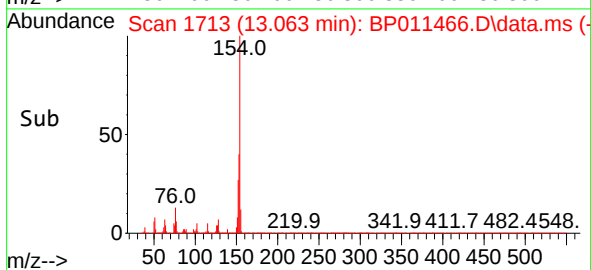
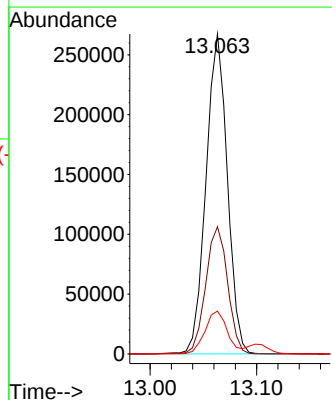
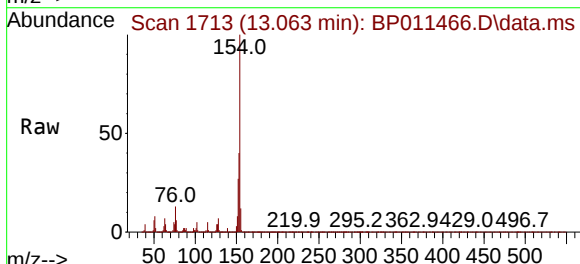
Instrument :
BNA_P
ClientSampleId :

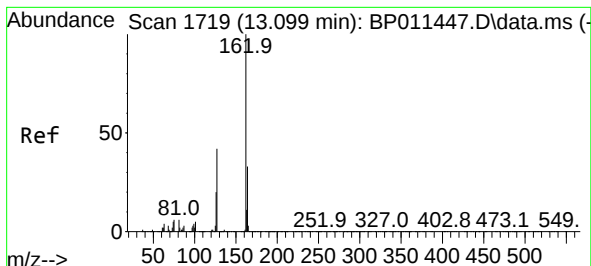
Tgt Ion:196 Resp: 96623
Ion Ratio Lower Upper
196 100
198 93.6 75.6 113.4
200 29.5 23.8 35.6



#43
1,1'-Biphenyl
Concen: 19.724 ng/ul
RT: 13.063 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:154 Resp: 371694
Ion Ratio Lower Upper
154 100
153 39.8 32.2 48.4
76 13.4 11.6 17.4

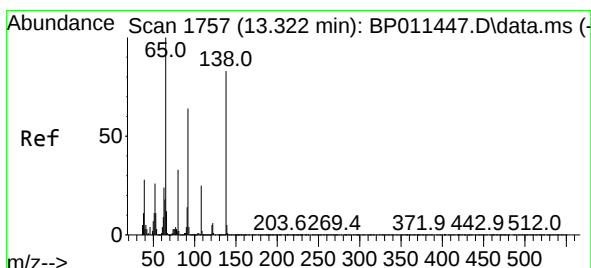
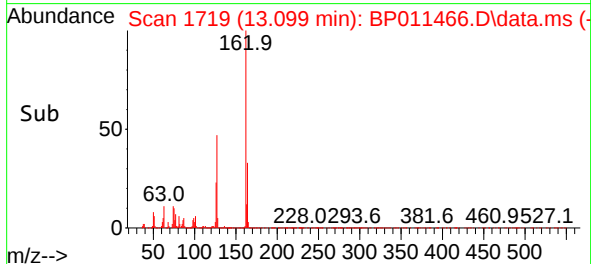
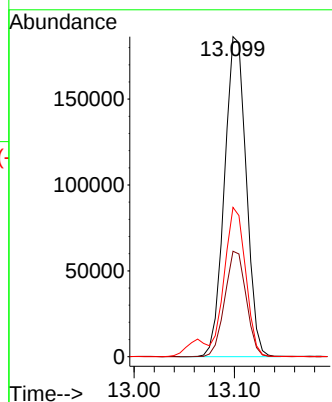
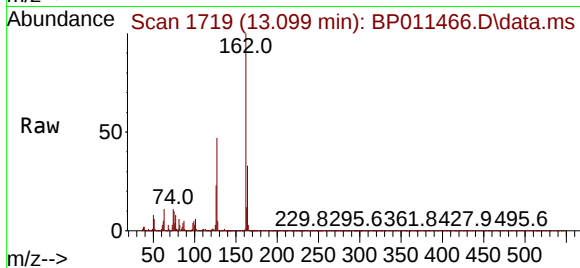




#44
2-Chloronaphthalene
Concen: 19.780 ng/ul
RT: 13.099 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

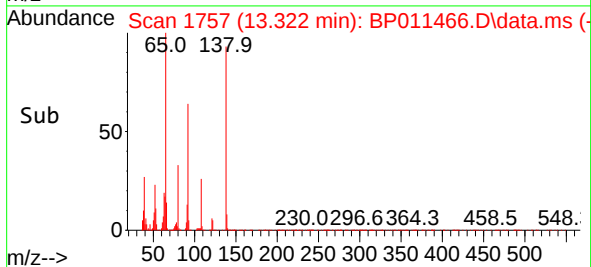
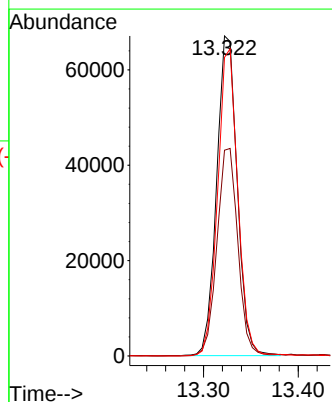
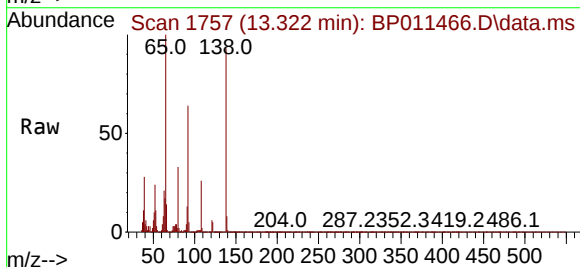
Instrument :
BNA_P
ClientSampleId :

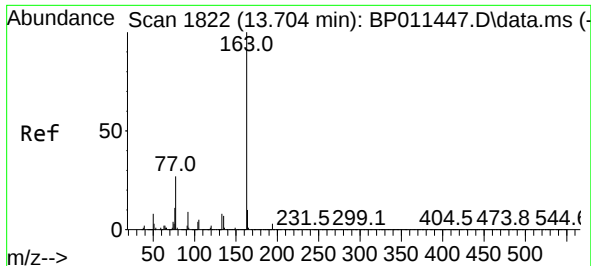
Tgt Ion:162 Resp: 280891
Ion Ratio Lower Upper
162 100
164 32.9 26.4 39.6
127 46.6 37.4 56.2



#45
2-Nitroaniline
Concen: 20.914 ng/ul
RT: 13.322 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion: 65 Resp: 101362
Ion Ratio Lower Upper
65 100
92 64.3 50.8 76.2
138 93.3 66.7 100.1

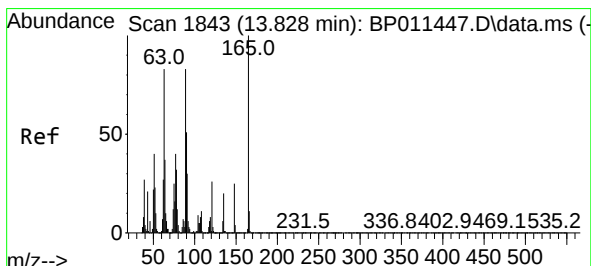
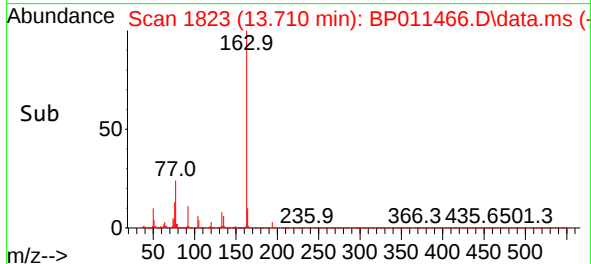
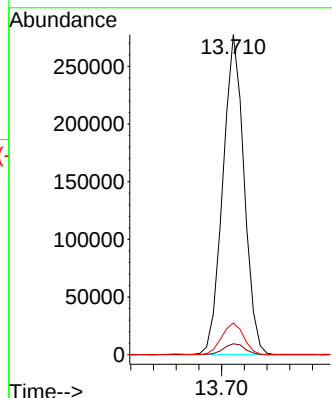
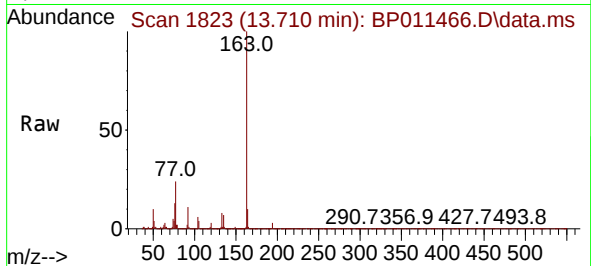




#47
Dimethylphthalate
Concen: 19.437 ng/ul
RT: 13.710 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

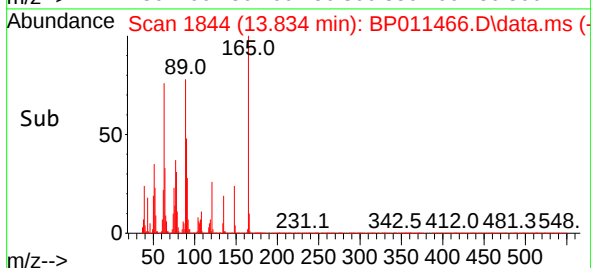
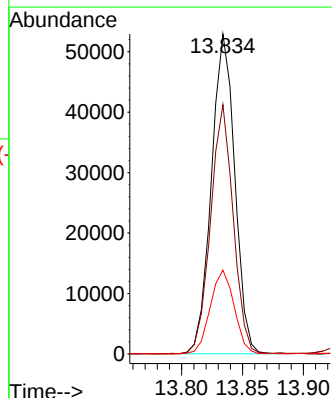
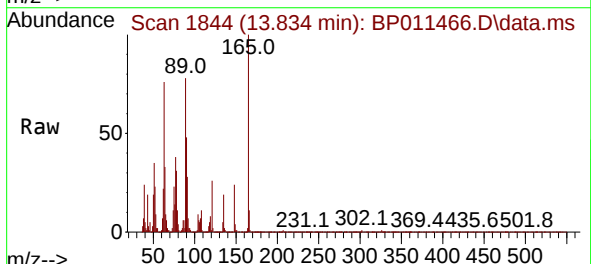
Instrument :
BNA_P
ClientSampleId :

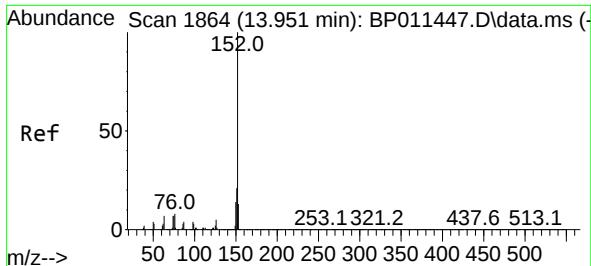
Tgt Ion:163 Resp: 359351
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.285 ng/ul
RT: 13.834 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:165 Resp: 70747
Ion Ratio Lower Upper
165 100
89 77.9 66.6 99.8
121 26.2 21.0 31.6

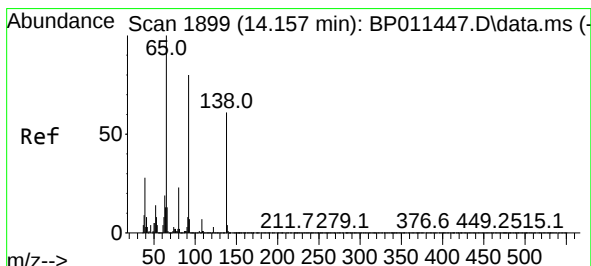
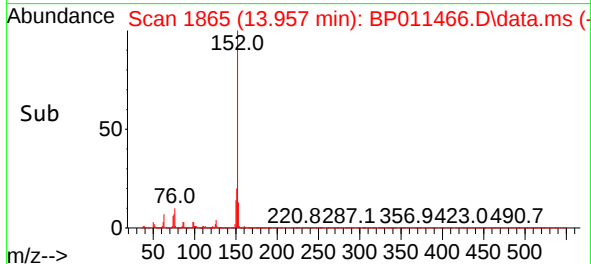
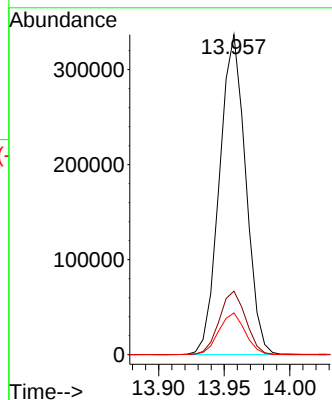
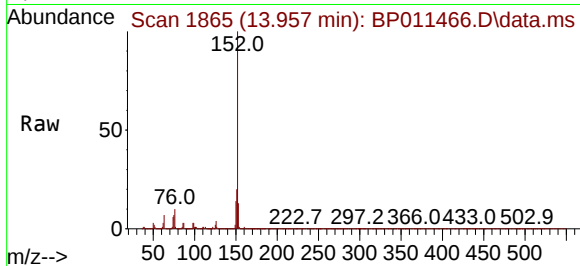




#50
Acenaphthylene
Concen: 19.811 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

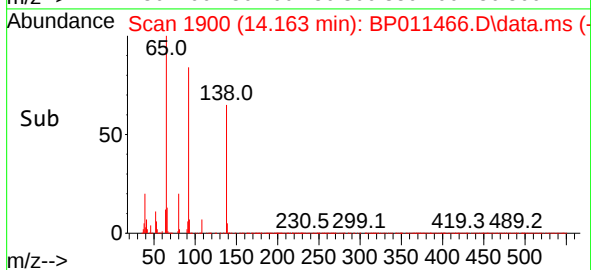
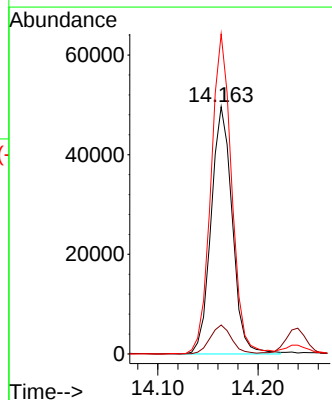
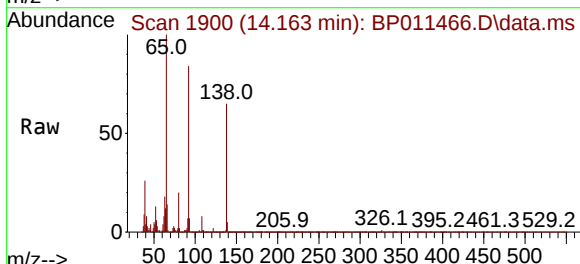
Instrument :
BNA_P
ClientSampleId :

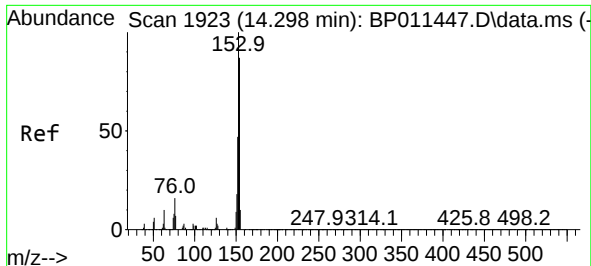
Tgt Ion:152 Resp: 467914
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 20.062 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:138 Resp: 72636
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 129.5 104.2 156.2

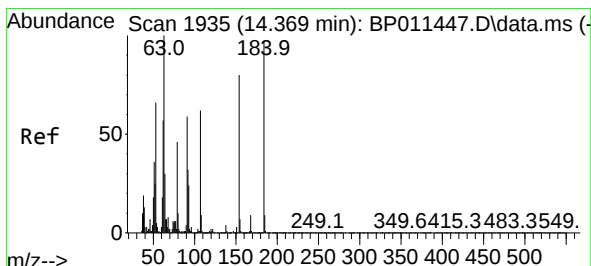
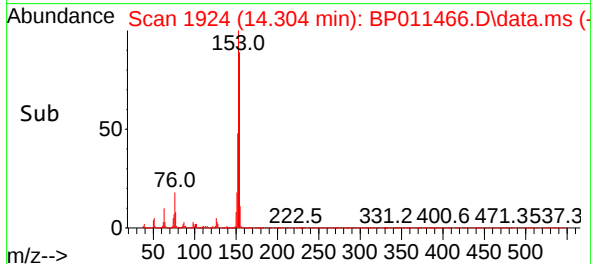
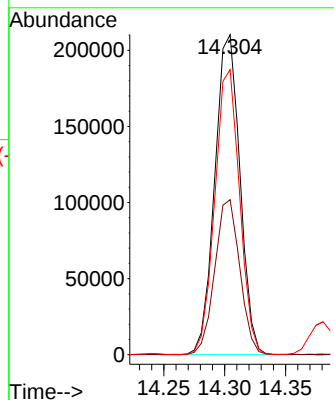
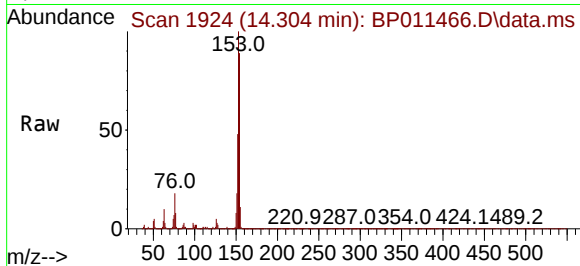




#52
Acenaphthene
Concen: 19.065 ng/ul
RT: 14.304 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

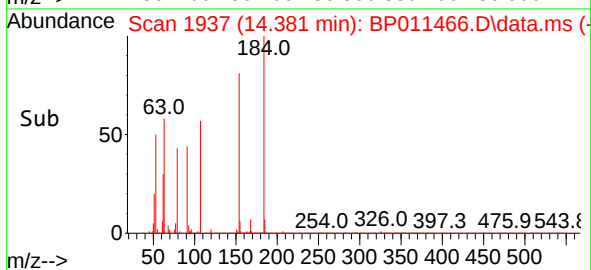
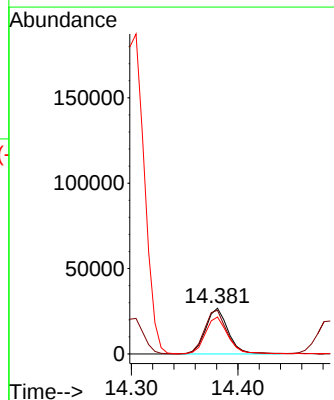
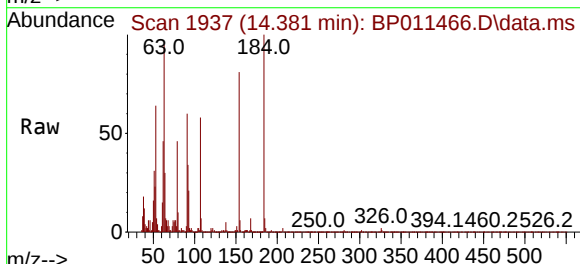
Instrument :
BNA_P
ClientSampleId :

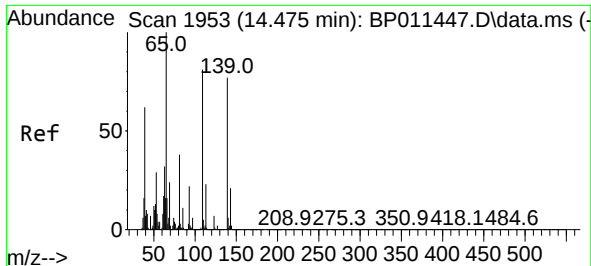
Tgt Ion:153 Resp: 301595
Ion Ratio Lower Upper
153 100
152 48.5 37.7 56.5
154 89.1 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 19.138 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:184 Resp: 38935
Ion Ratio Lower Upper
184 100
63 95.4 82.5 123.7
154 80.9 66.6 100.0

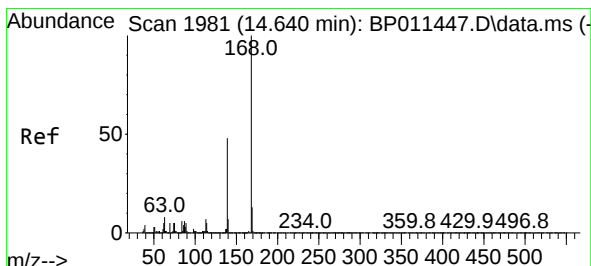
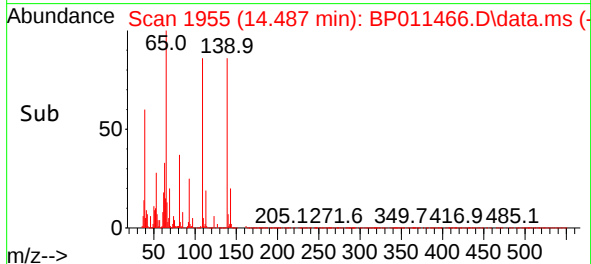
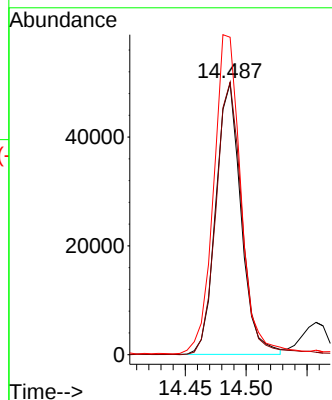
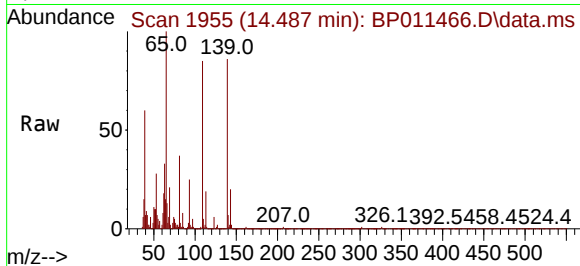




#55
4-Nitrophenol
Concen: 17.479 ng/ul
RT: 14.487 min Scan# 1955
Delta R.T. 0.012 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

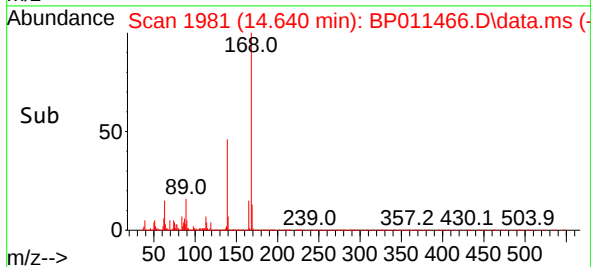
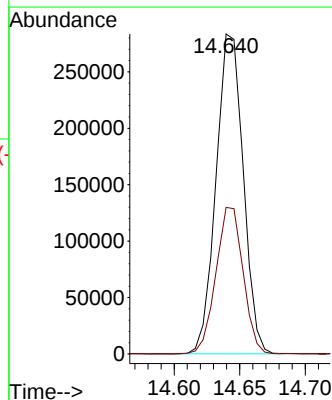
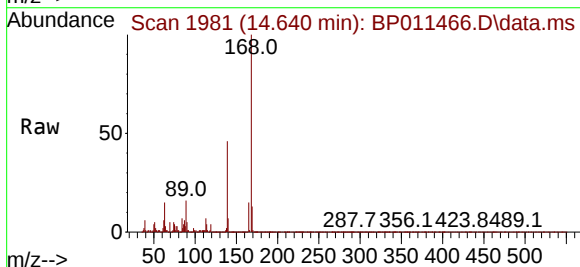
Instrument :
BNA_P
ClientSampleId :

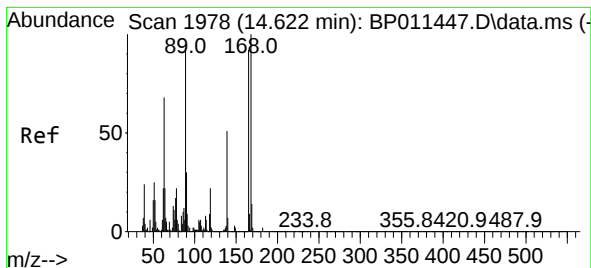
Tgt Ion:109 Resp: 71775
Ion Ratio Lower Upper
109 100
139 100.4 76.0 114.0
65 117.0 98.8 148.2



#56
Dibenzofuran
Concen: 18.738 ng/ul
RT: 14.640 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:168 Resp: 408776
Ion Ratio Lower Upper
168 100
139 45.8 38.4 57.6

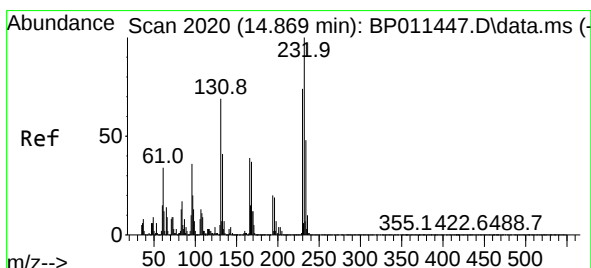
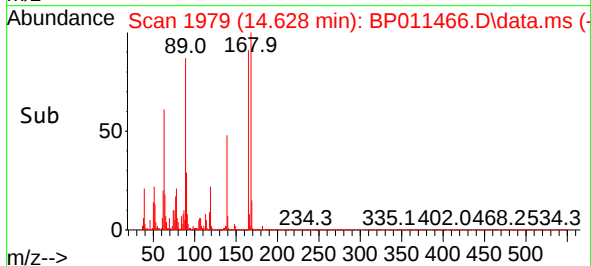
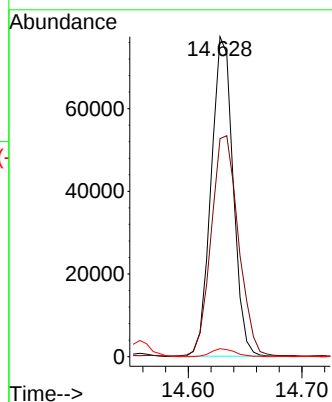
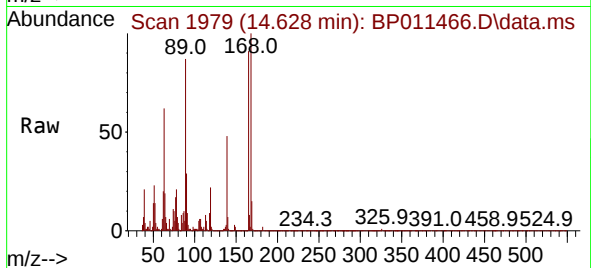




#57
2,4-Dinitrotoluene
Concen: 20.851 ng/ul
RT: 14.628 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

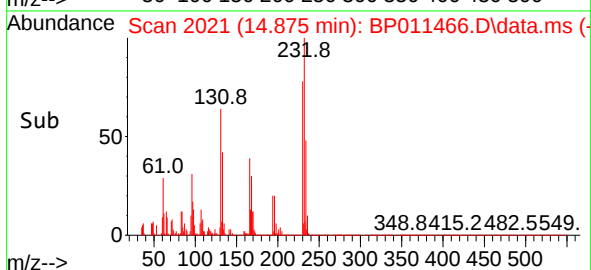
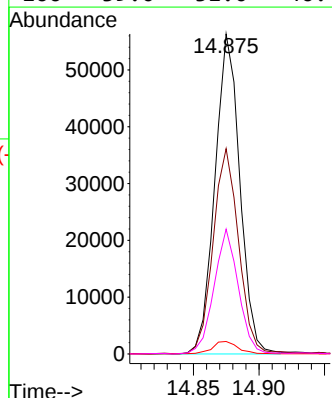
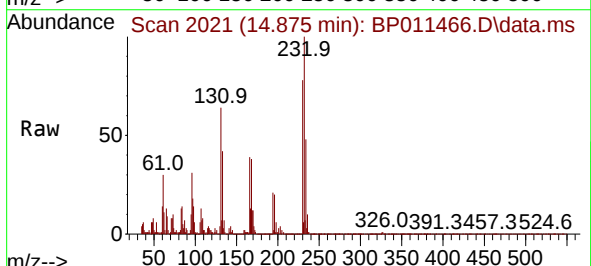
Instrument :
BNA_P
ClientSampleId :

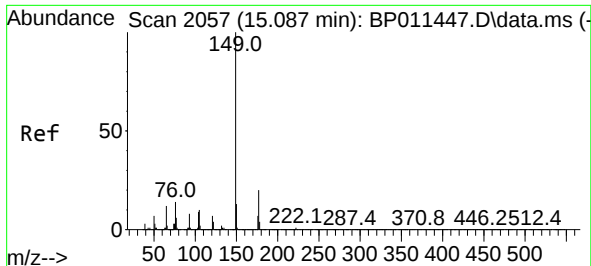
Tgt Ion:165 Resp: 103753
Ion Ratio Lower Upper
165 100
63 68.1 60.2 90.2
182 2.5 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.621 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:232 Resp: 74459
Ion Ratio Lower Upper
232 100
131 64.1 55.4 83.0
130 3.9 3.6 5.4
166 39.0 31.0 46.4

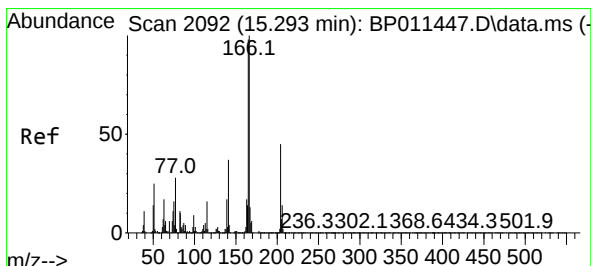
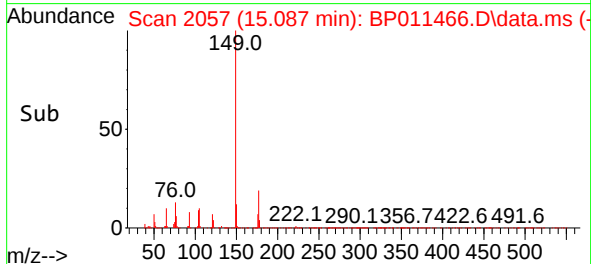
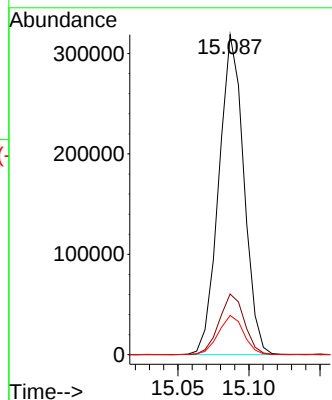
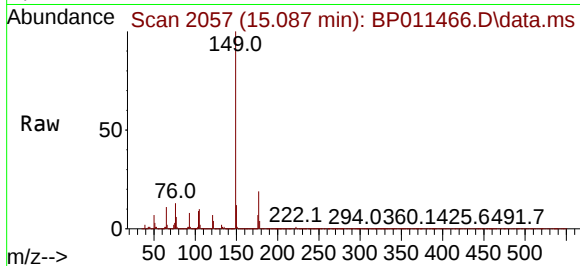




#59
Diethylphthalate
Concen: 19.255 ng/ul
RT: 15.087 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

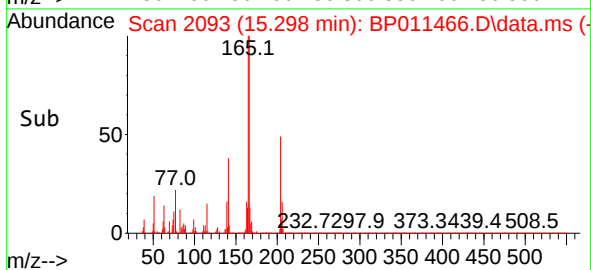
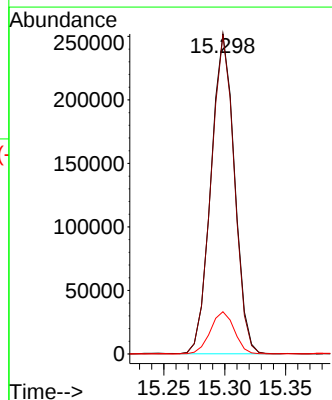
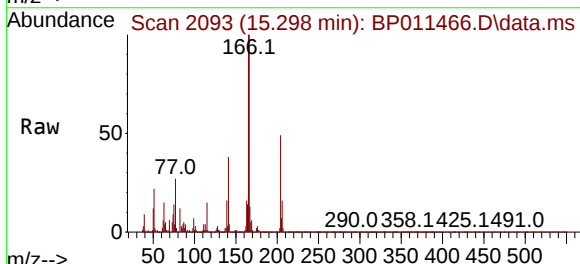
Instrument :
BNA_P
ClientSampleId :

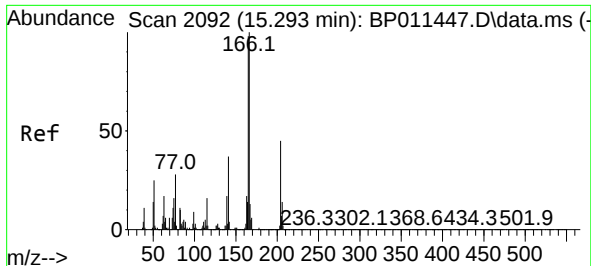
Tgt Ion:149 Resp: 389903
Ion Ratio Lower Upper
149 100
177 18.9 15.7 23.5
150 12.2 10.1 15.1



#61
Fluorene
Concen: 18.944 ng/ul
RT: 15.298 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:166 Resp: 338096
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.2
167 13.2 10.3 15.5

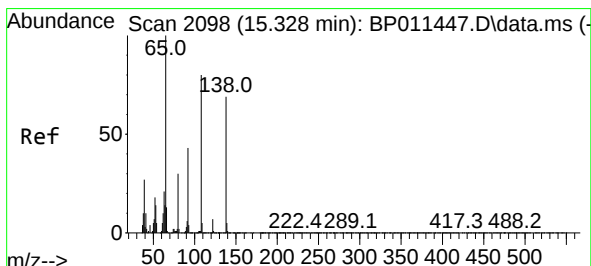
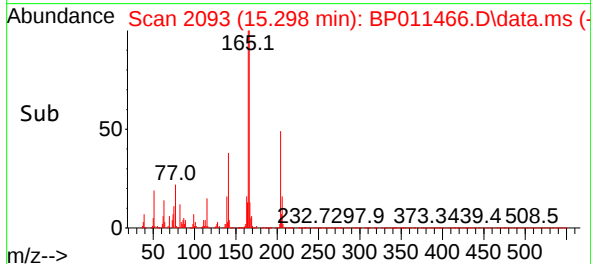
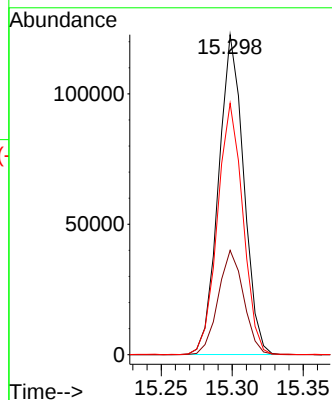
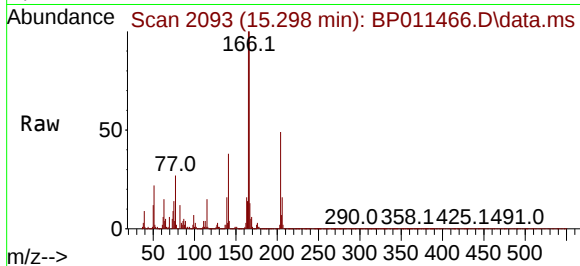




#62
4-Chlorophenyl-phenylether
Concen: 18.736 ng/ul
RT: 15.298 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

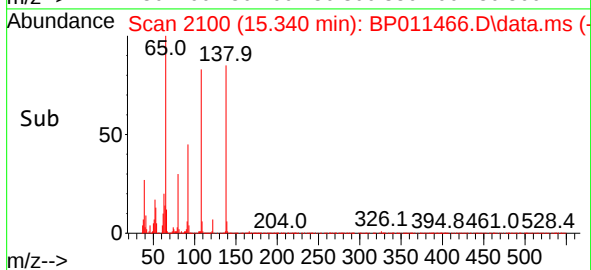
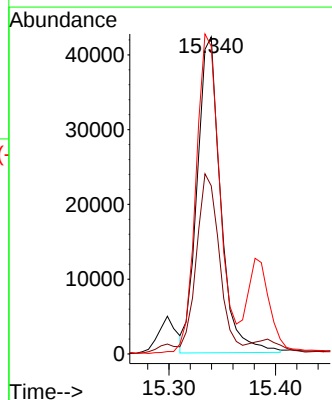
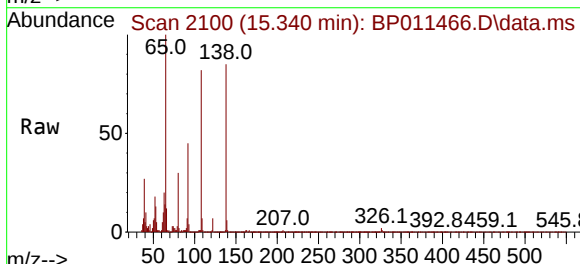
Instrument :
BNA_P
ClientSampleId :

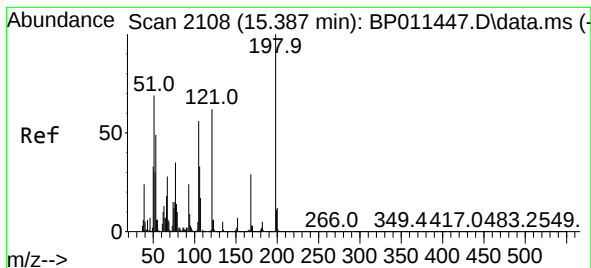
Tgt Ion:204 Resp: 151058
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 78.6 66.5 99.7



#63
4-Nitroaniline
Concen: 18.482 ng/ul
RT: 15.340 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:138 Resp: 64635
Ion Ratio Lower Upper
138 100
92 53.1 49.5 74.3
108 97.1 93.7 140.5

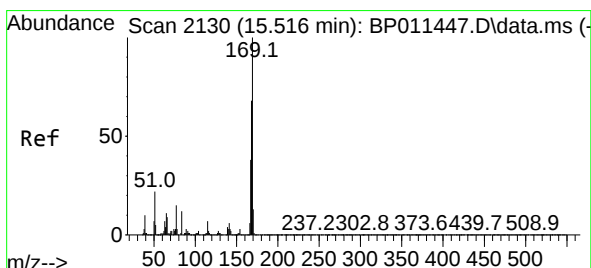
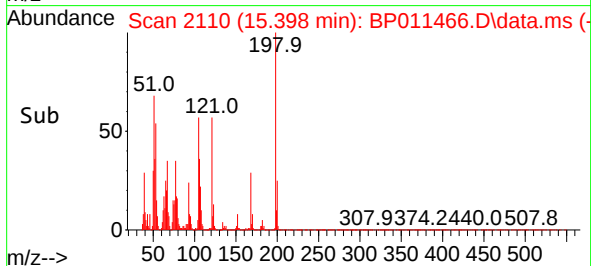
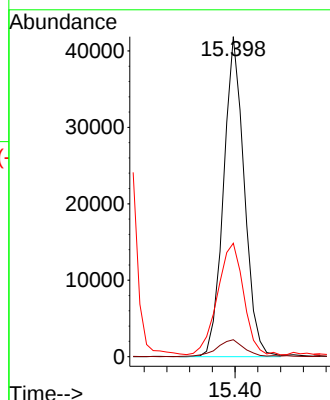
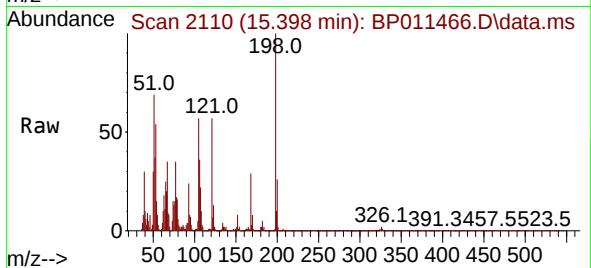




#66
4,6-Dinitro-2-methylphenol
Concen: 18.889 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

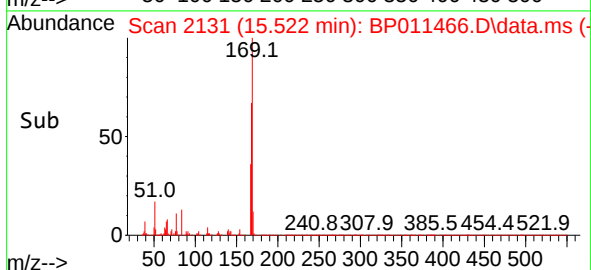
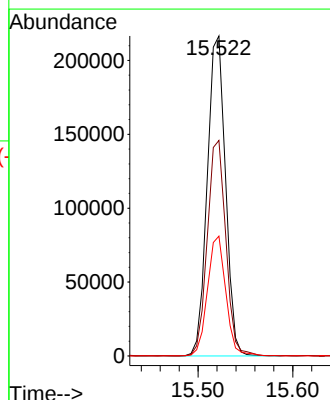
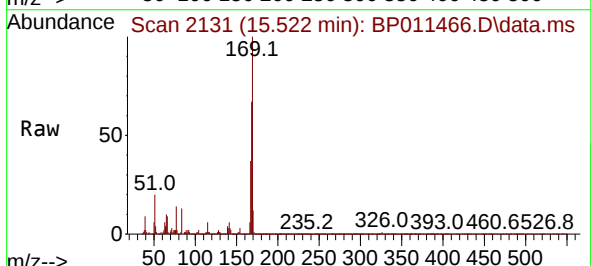
Instrument :
BNA_P
ClientSampleId :

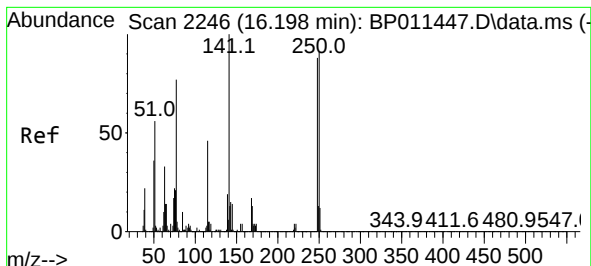
Tgt Ion:198 Resp: 53077
Ion Ratio Lower Upper
198 100
182 5.3 3.9 5.9
77 35.5 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 19.584 ng/ul
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:169 Resp: 288846
Ion Ratio Lower Upper
169 100
168 67.3 54.6 82.0
167 37.4 30.2 45.4

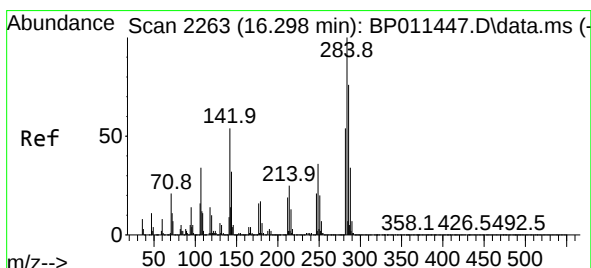
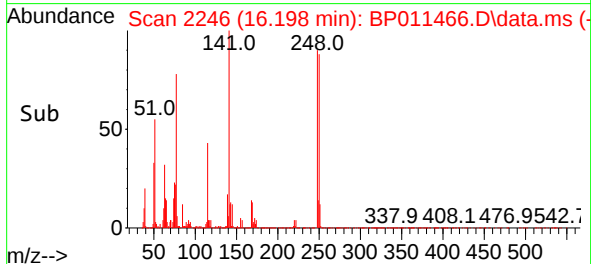
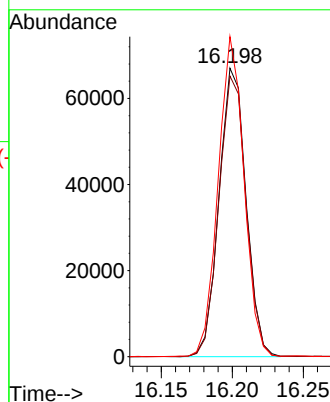
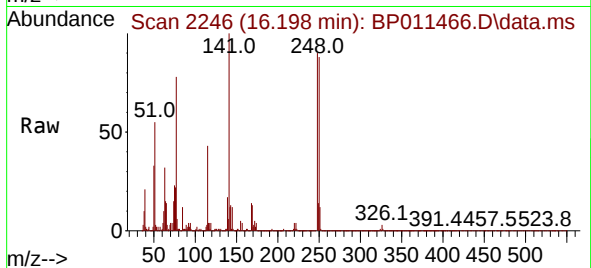




#68
4-Bromophenyl-phenylether
Concen: 19.730 ng/ul
RT: 16.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

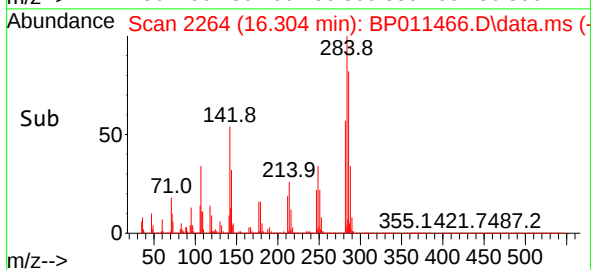
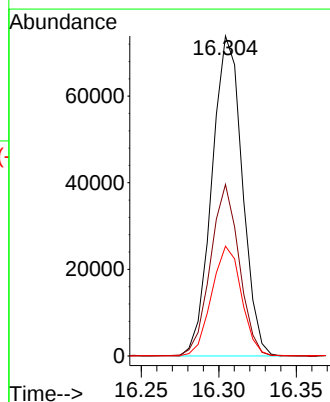
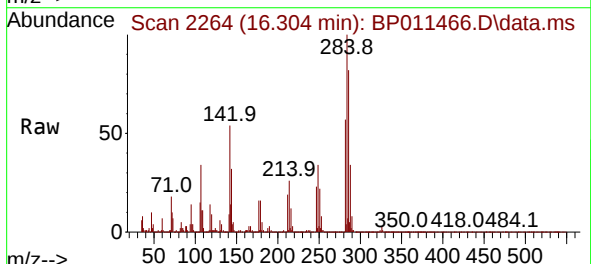
Instrument :
BNA_P
ClientSampleId :

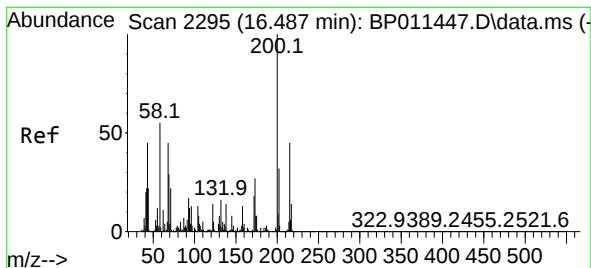
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	82.8	124.2
141	110.9	90.8	136.2



#69
Hexachlorobenzene
Concen: 19.457 ng/ul
RT: 16.304 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	53.6	43.5	65.3
249	34.3	28.4	42.6





#70

Atrazine

Concen: 19.686 ng/ul

RT: 16.493 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

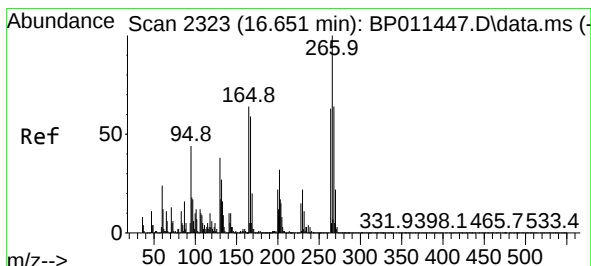
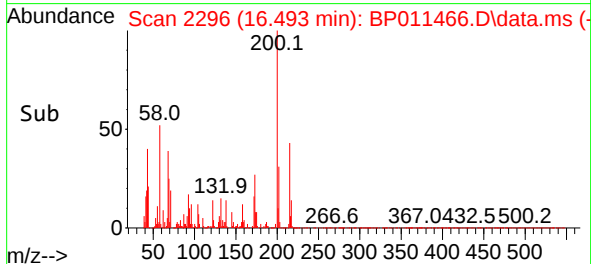
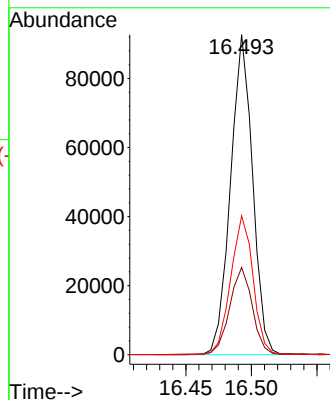
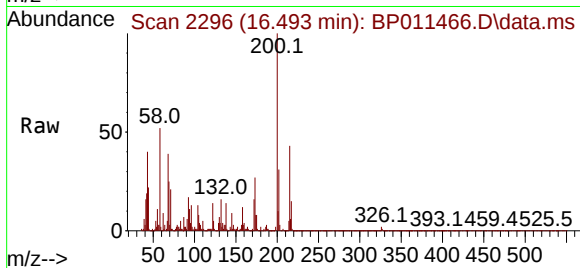
Tgt Ion:200 Resp: 108351

Ion Ratio Lower Upper

200 100

173 27.3 22.0 33.0

215 43.4 36.3 54.5



#71

Pentachlorophenol

Concen: 19.792 ng/ul

RT: 16.663 min Scan# 2325

Delta R.T. 0.012 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

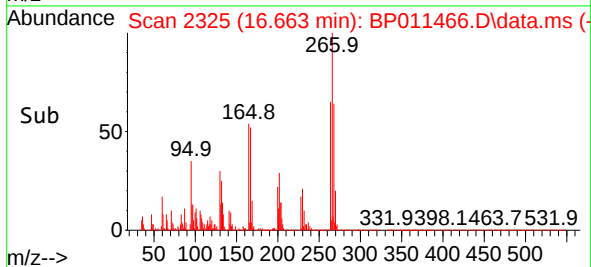
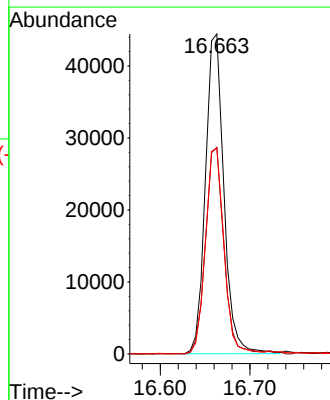
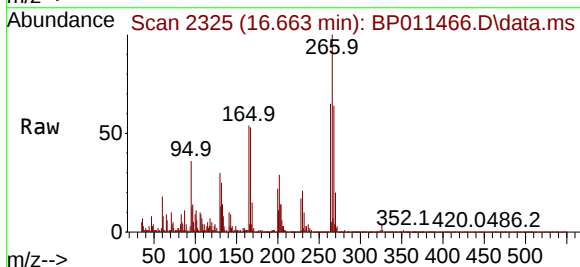
Tgt Ion:266 Resp: 63468

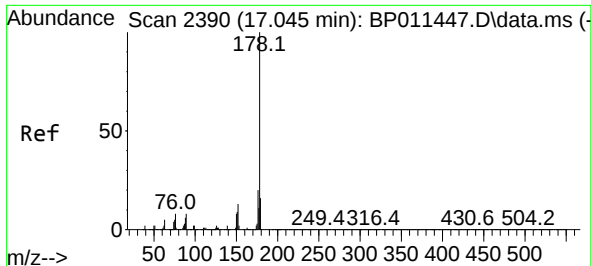
Ion Ratio Lower Upper

266 100

264 64.5 50.6 76.0

268 64.4 51.3 76.9

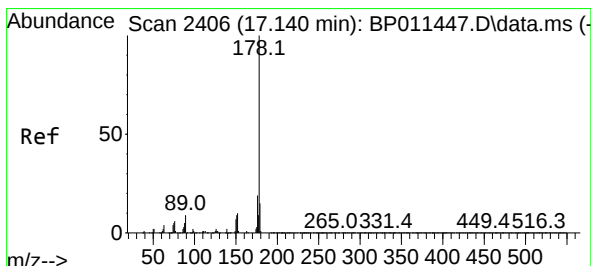
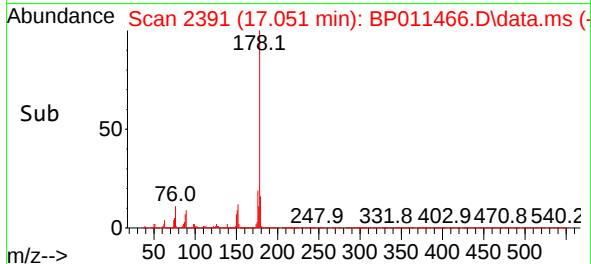
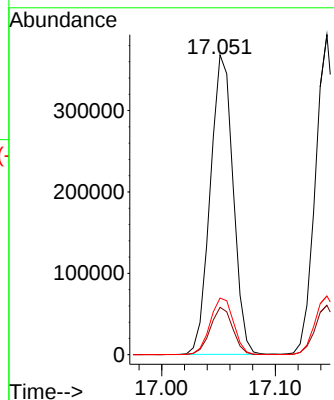
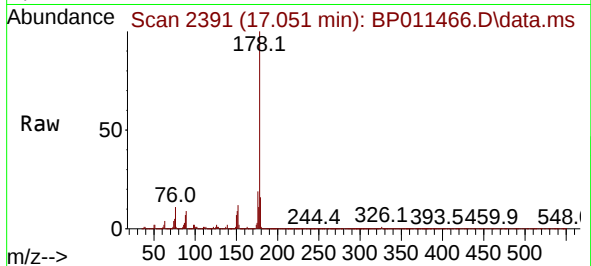




#72
Phenanthrene
Concen: 18.924 ng/ul
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

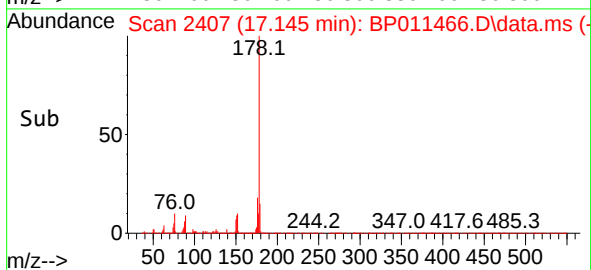
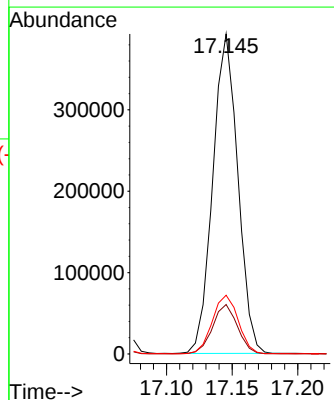
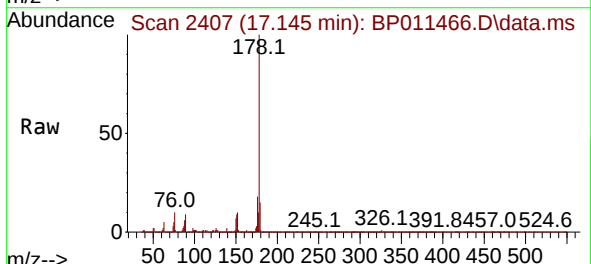
Instrument :
BNA_P
ClientSampleId :

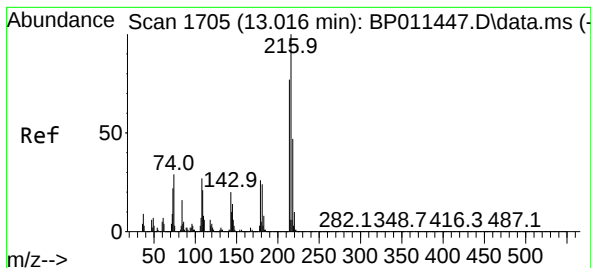
Tgt Ion:178 Resp: 514935
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.9 15.8 23.8



#74
Anthracene
Concen: 18.982 ng/ul
RT: 17.145 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:178 Resp: 521095
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.4 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.459 ng/uL

RT: 13.022 min Scan# 1706

Delta R.T. 0.006 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

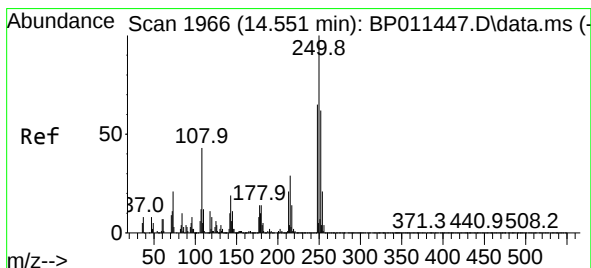
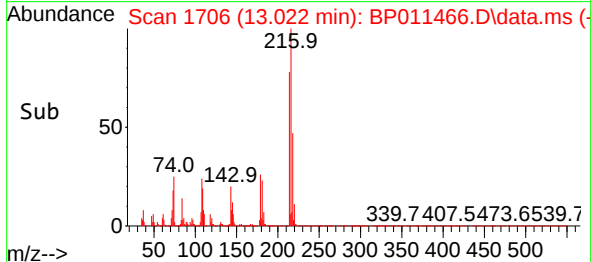
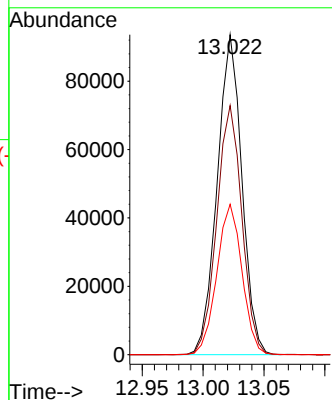
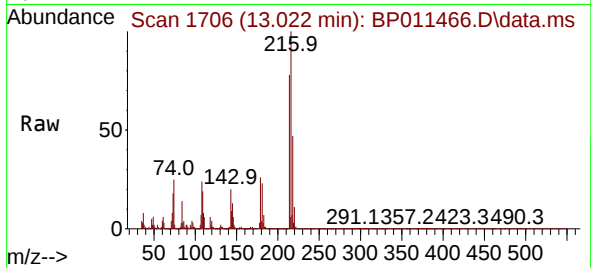
Tgt Ion:216 Resp: 132212

Ion Ratio Lower Upper

216 100

214 77.9 61.8 92.6

218 47.0 37.4 56.0



#76

Pentachlorobenzene

Concen: 19.743 ng/uL

RT: 14.557 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

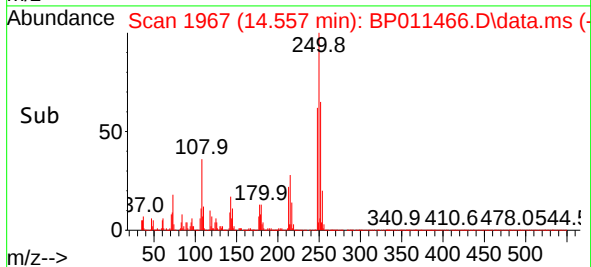
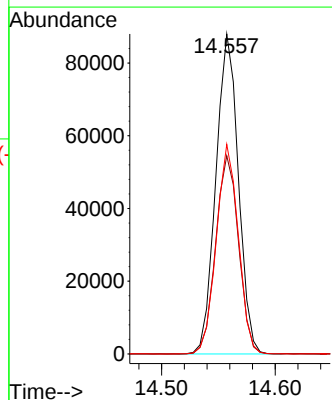
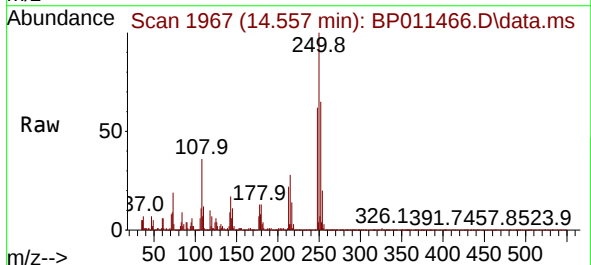
Tgt Ion:250 Resp: 121062

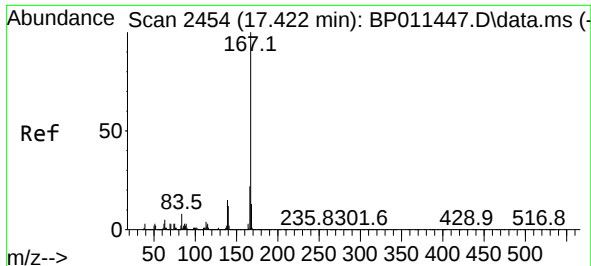
Ion Ratio Lower Upper

250 100

248 61.9 51.7 77.5

252 65.5 50.0 75.0

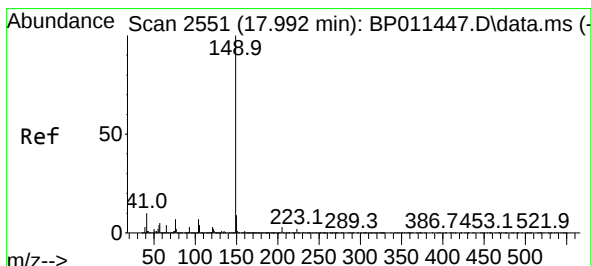
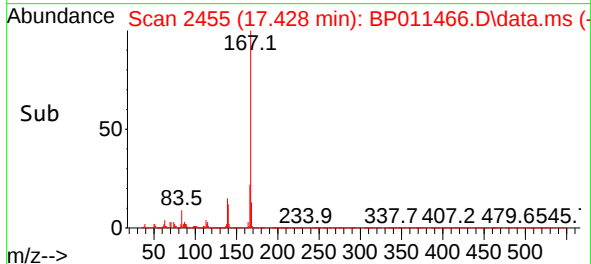
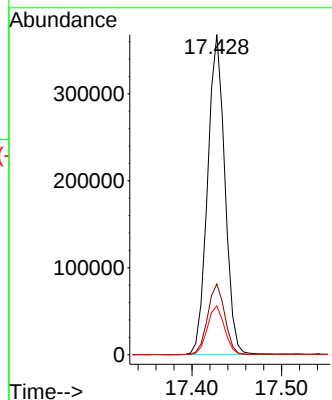
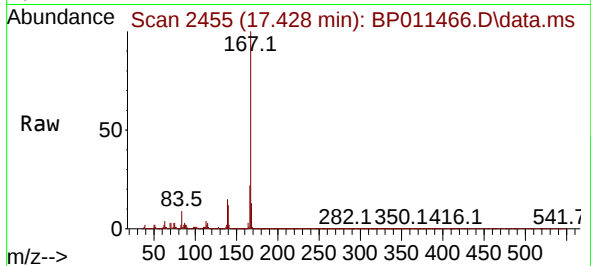




#77
 Carbazole
 Concen: 19.011 ng/ul
 RT: 17.428 min Scan# 2454
 Delta R.T. 0.006 min
 Lab File: BP011466.D
 Acq: 17 Aug 2022 17:36

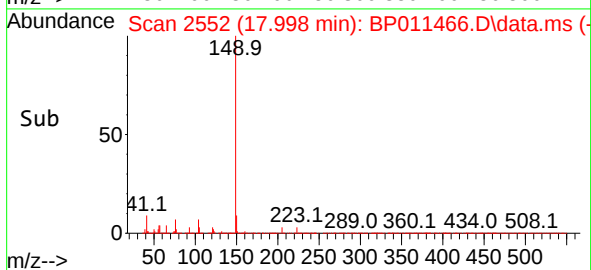
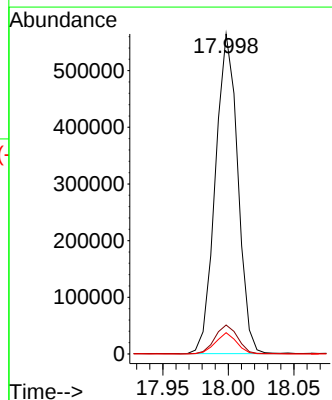
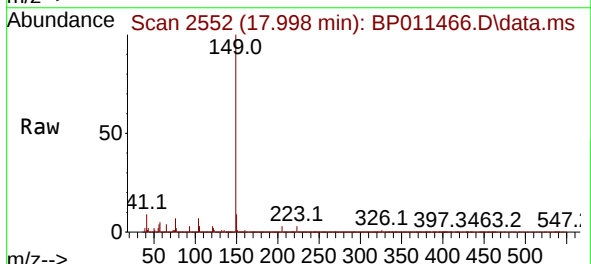
Instrument :
 BNA_P
 ClientSampleId :

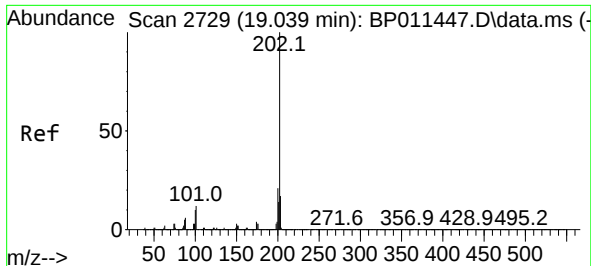
Tgt Ion:167 Resp: 490882
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 15.3 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 21.069 ng/ul
 RT: 17.998 min Scan# 2552
 Delta R.T. 0.006 min
 Lab File: BP011466.D
 Acq: 17 Aug 2022 17:36

Tgt Ion:149 Resp: 669937
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.6 5.5 8.3

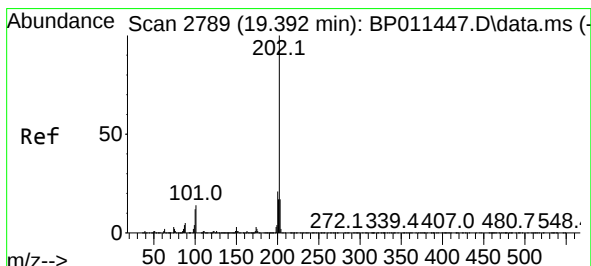
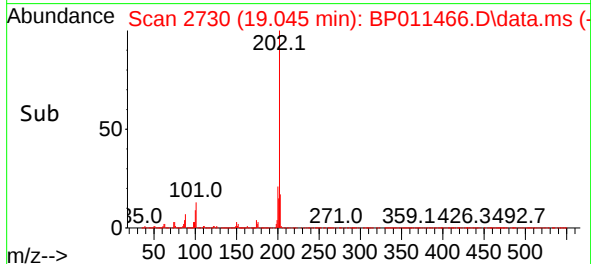
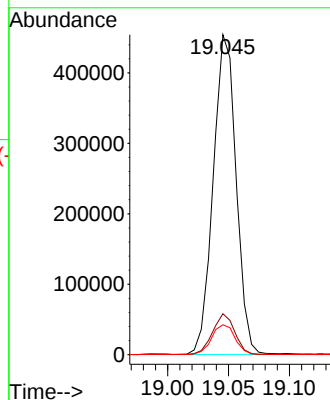
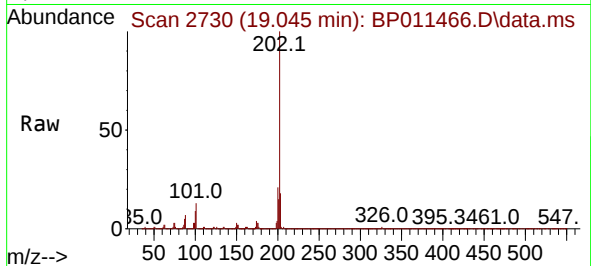




#80
Fluoranthene
Concen: 20.500 ng/ul
RT: 19.045 min Scan# 2729
Delta R.T. 0.006 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

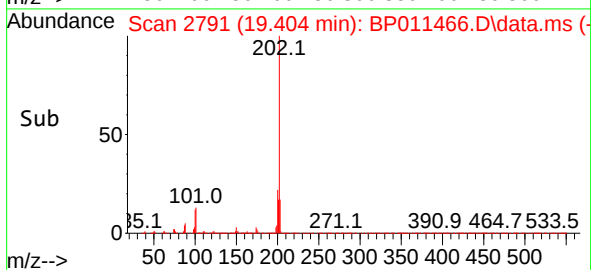
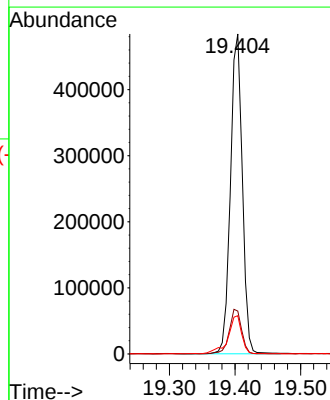
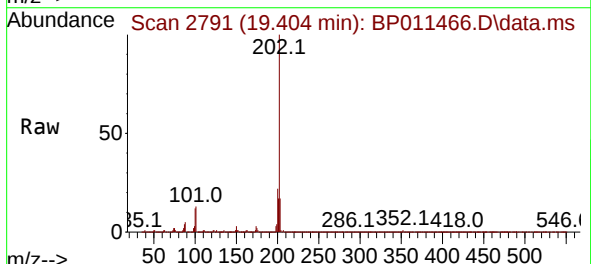
Instrument :
BNA_P
ClientSampleId :

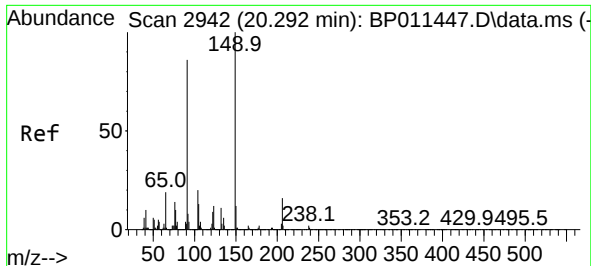
Tgt Ion:202 Resp: 594296
Ion Ratio Lower Upper
202 100
101 12.8 9.5 14.3
100 9.3 7.9 11.9



#82
Pyrene
Concen: 19.948 ng/ul
RT: 19.404 min Scan# 2791
Delta R.T. 0.012 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:202 Resp: 607616
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.2
100 11.9 9.4 14.0

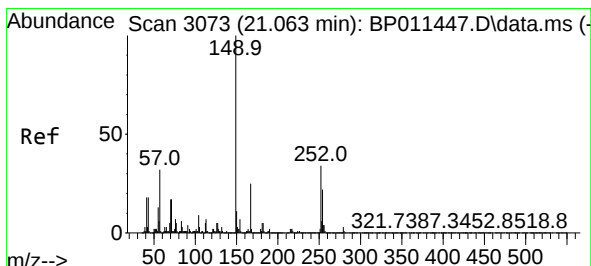
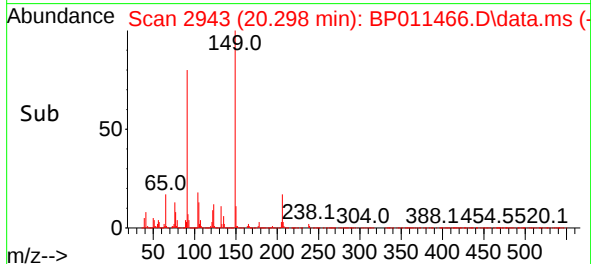
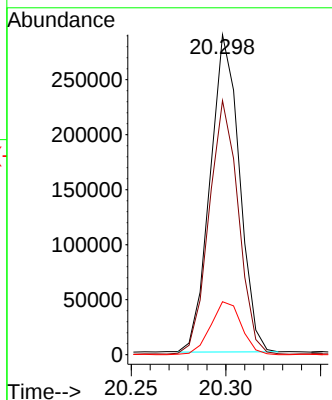
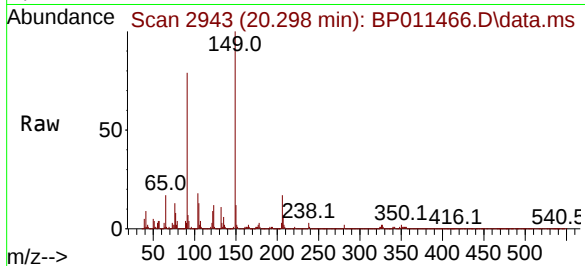




#83
 Butylbenzylphthalate
 Concen: 22.781 ng/ul
 RT: 20.298 min Scan# 2942
 Delta R.T. 0.006 min
 Lab File: BP011466.D
 Acq: 17 Aug 2022 17:36

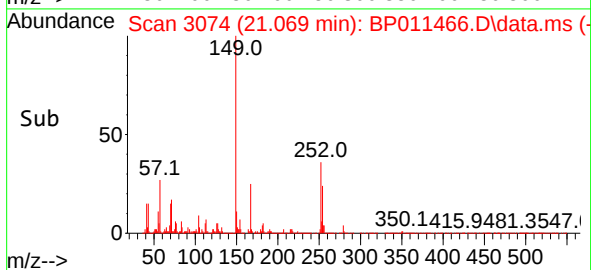
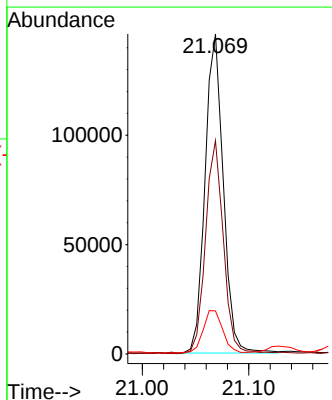
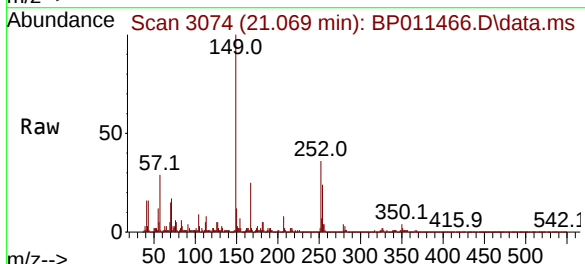
Instrument :
 BNA_P
 ClientSampleId :

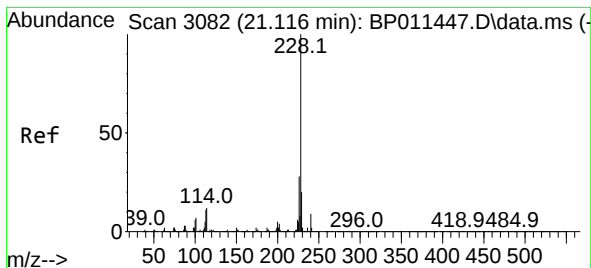
Tgt Ion:149 Resp: 311283
 Ion Ratio Lower Upper
 149 100
 91 79.4 68.5 102.7
 206 16.6 12.6 18.8



#84
 3,3'-Dichlorobenzidine
 Concen: 19.683 ng/ul
 RT: 21.069 min Scan# 3074
 Delta R.T. 0.006 min
 Lab File: BP011466.D
 Acq: 17 Aug 2022 17:36

Tgt Ion:252 Resp: 173609
 Ion Ratio Lower Upper
 252 100
 254 66.6 51.2 76.8
 126 13.5 12.2 18.2





#85

Benzo(a)anthracene

Concen: 20.197 ng/ul

RT: 21.128 min Scan# 3082

Delta R.T. 0.012 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

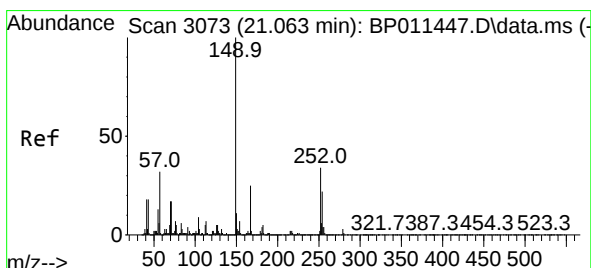
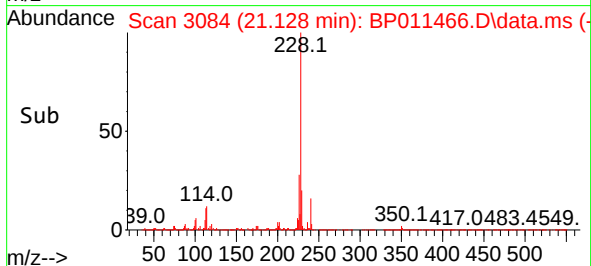
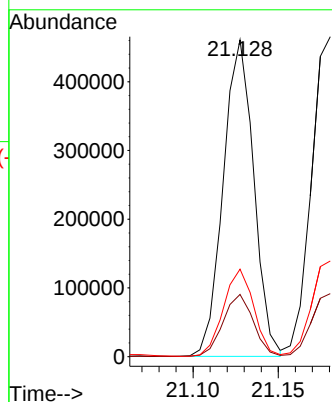
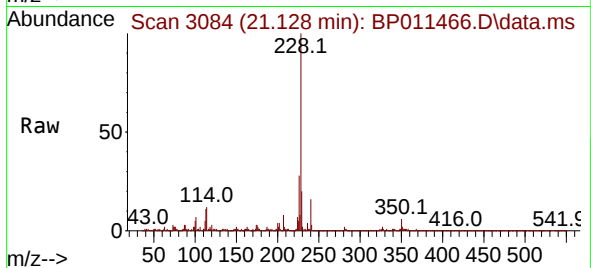
Tgt Ion:228 Resp: 573310

Ion Ratio Lower Upper

228 100

229 19.6 16.0 24.0

226 27.6 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.536 ng/ul

RT: 21.063 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

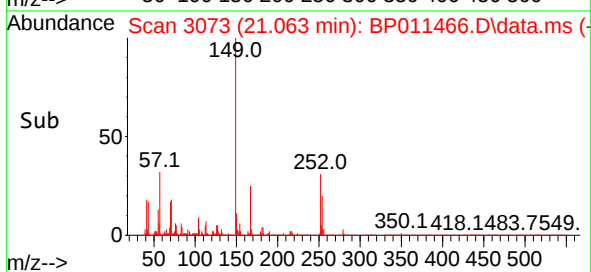
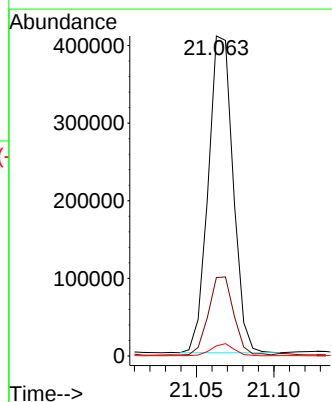
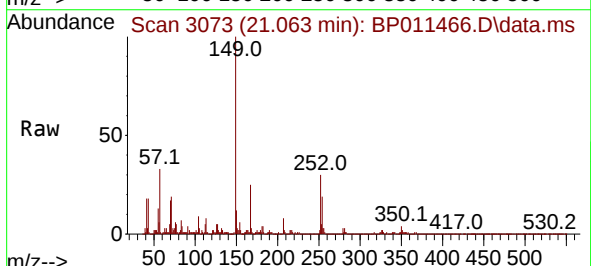
Tgt Ion:149 Resp: 455697

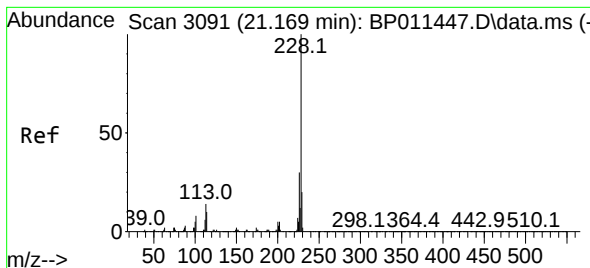
Ion Ratio Lower Upper

149 100

167 24.5 19.8 29.8

279 3.1 2.7 4.1





#87

Chrysene

Concen: 20.139 ng/ul

RT: 21.180 min Scan# 3091

Delta R.T. 0.012 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

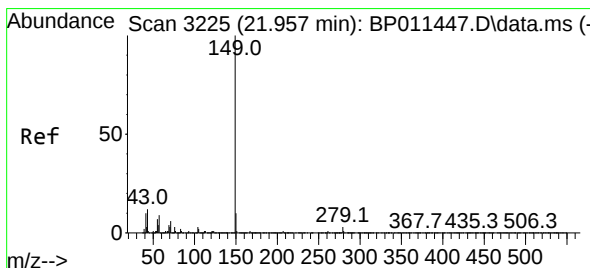
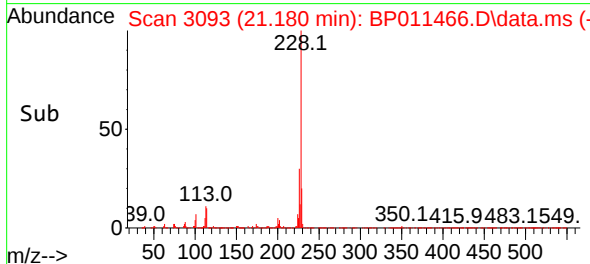
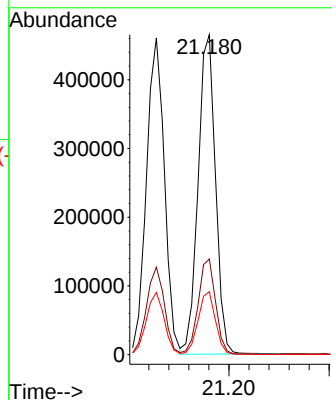
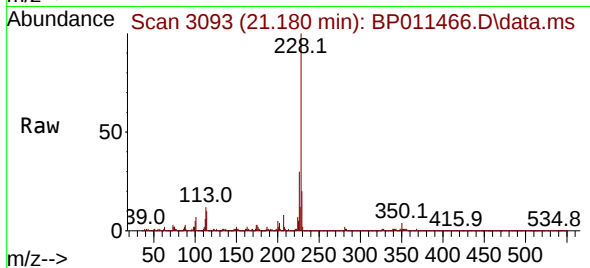
Tgt Ion:228 Resp: 561570

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.7 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 19.752 ng/ul

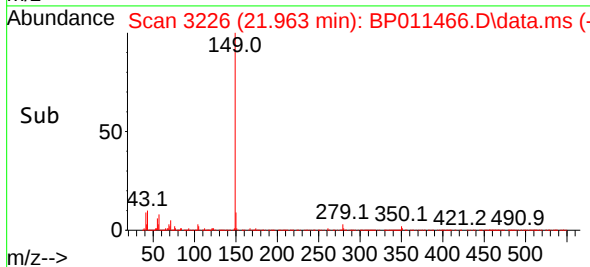
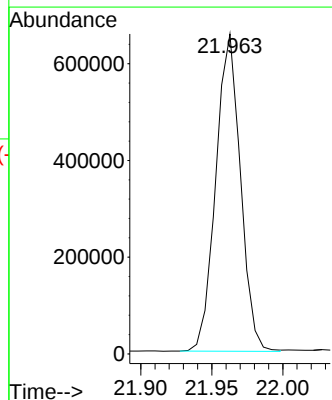
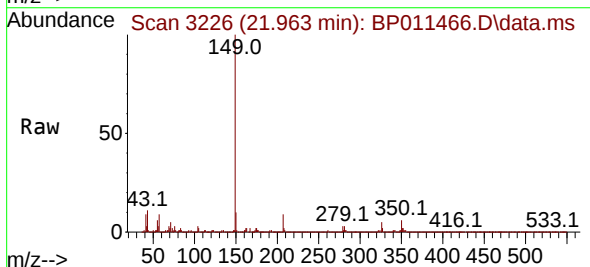
RT: 21.963 min Scan# 3226

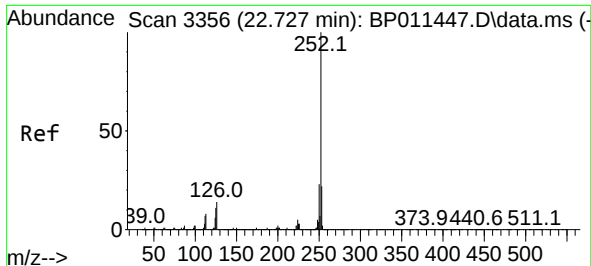
Delta R.T. 0.006 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Tgt Ion:149 Resp: 790133

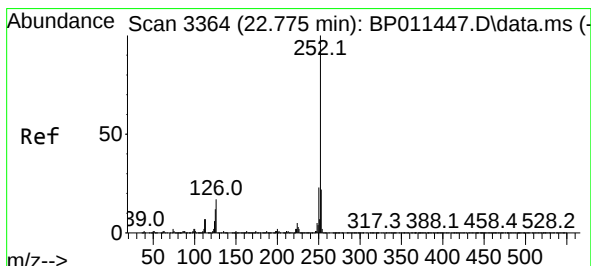
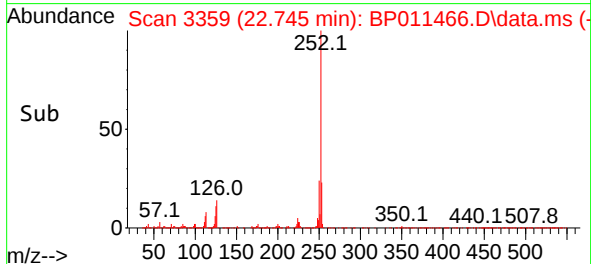
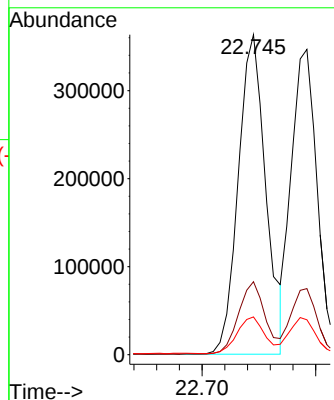
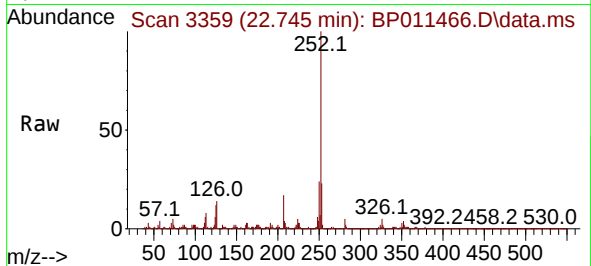




#90
Benzo(b)fluoranthene
Concen: 19.744 ng/ul
RT: 22.745 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

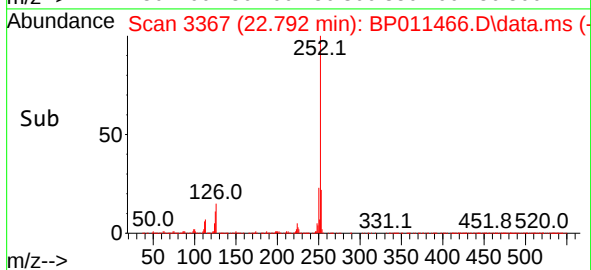
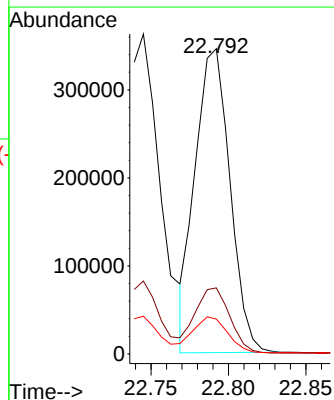
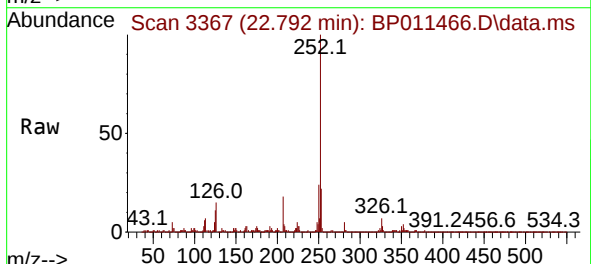
Instrument :
BNA_P
ClientSampleId :

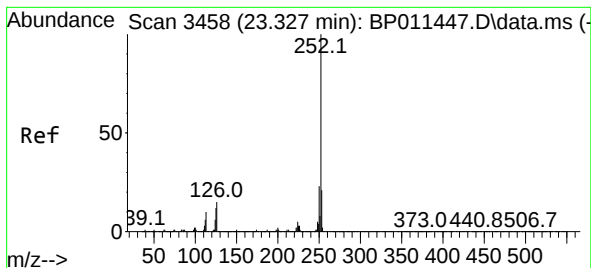
Tgt Ion:252 Resp: 611191
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.8 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 18.245 ng/ul
RT: 22.792 min Scan# 3367
Delta R.T. 0.018 min
Lab File: BP011466.D
Acq: 17 Aug 2022 17:36

Tgt Ion:252 Resp: 538986
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.4 9.8 14.8





#93

Benzo(a)pyrene

Concen: 18.964 ng/ul

RT: 23.345 min Scan# 34

Delta R.T. 0.018 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

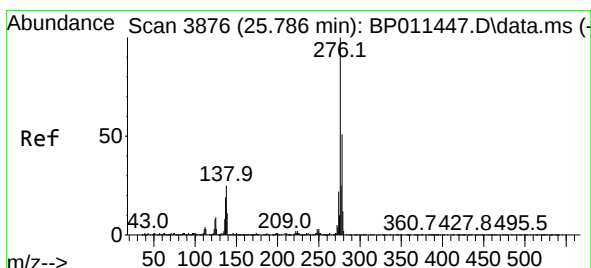
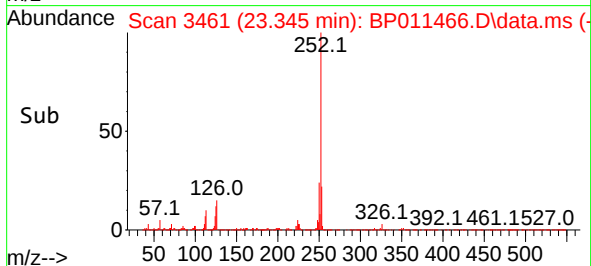
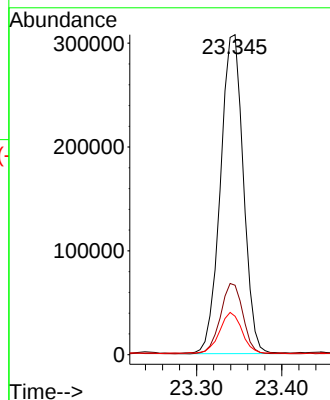
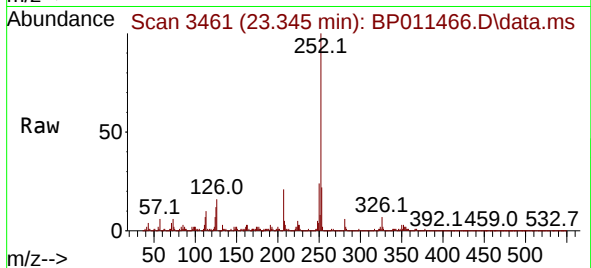
Tgt Ion:252 Resp: 573123

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

125 12.0 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.934 ng/ul

RT: 25.821 min Scan# 3882

Delta R.T. 0.035 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

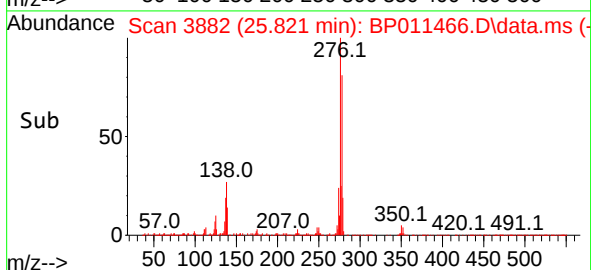
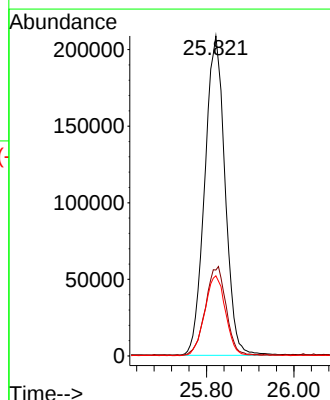
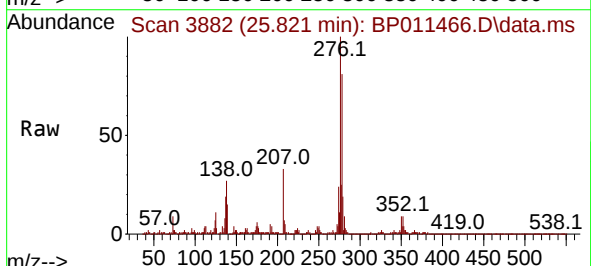
Tgt Ion:276 Resp: 671968

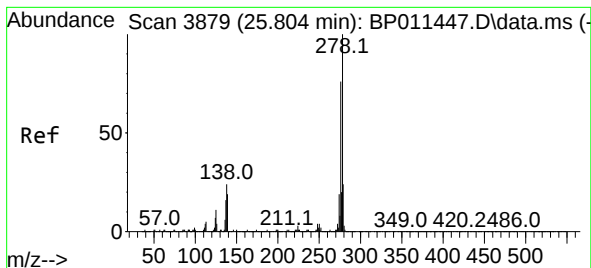
Ion Ratio Lower Upper

276 100

138 26.9 20.2 30.4

277 25.1 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 19.913 ng/ul

RT: 25.833 min Scan# 30

Delta R.T. 0.029 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Instrument :

BNA_P

ClientSampleId :

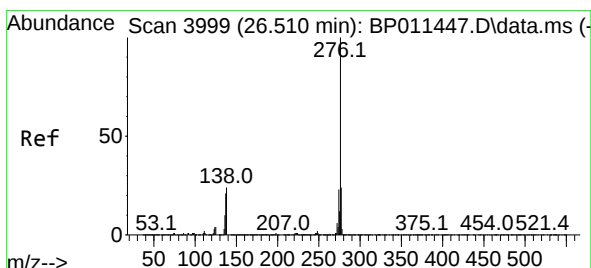
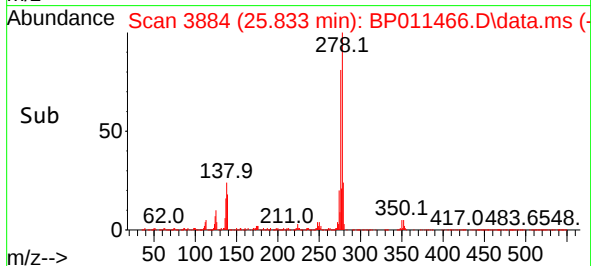
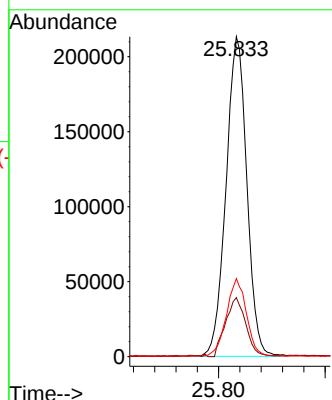
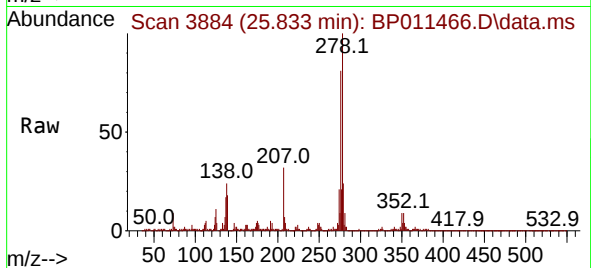
Tgt Ion:278 Resp: 577985

Ion Ratio Lower Upper

278 100

139 18.5 15.4 23.0

279 24.4 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 19.619 ng/ul

RT: 26.545 min Scan# 4005

Delta R.T. 0.035 min

Lab File: BP011466.D

Acq: 17 Aug 2022 17:36

Tgt Ion:276 Resp: 562578

Ion Ratio Lower Upper

276 100

138 23.5 19.4 29.2

277 23.7 19.1 28.7

