

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011564.D
 Acq On : 25 Aug 2022 16:07
 Operator : CG/JU
 Sample : PB147282BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 26 01:05:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	84667	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	362883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	216084	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	442007	20.000	ng/u1	0.01
79) Chrysene-d12	21.139	240	442986	20.000	ng/u1	0.01
88) Perylene-d12	23.433	264	441093	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	17335	6.354	ng/uL	0.00
4) Pyridine-d5	3.469	84	210736	30.168	ng/u1	0.00
7) Phenol-d5	6.740	99	241815	31.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	154612	30.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	191762	33.510	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	192590	30.926	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	91580	35.055	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	96724	36.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	173450	35.341	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	208216	25.486	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	526834	34.471	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	601865	35.433	ng/u1	0.01
54) 4-Nitrophenol-d4	14.469	143	100561	34.151	ng/u1	0.01
60) Fluorene-d10	15.234	176	440050	34.225	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	83809	35.090	ng/u1	0.00
73) Anthracene-d10	17.104	188	683655	34.923	ng/u1	0.01
81) Pyrene-d10	19.369	212	752255	33.564	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.286	264	758898	35.369	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	37640	13.231	ng/uL	98
5) Pyridine	3.493	79	230021	32.989	ng/u1	97
6) Benzaldehyde	6.705	77	88290	24.727	ng/u1	98
8) Phenol	6.763	94	249869	31.251	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.993	93	192454	30.856	ng/u1	97
12) 2-Chlorophenol	7.116	128	203573	33.059	ng/u1	97
13) 2-Methylphenol	8.010	108	184168	31.266	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.081	45	146233	15.826	ng/u1	98
16) Acetophenone	8.387	105	317444	30.642	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.375	70	165076	32.035	ng/u1	97
18) 4-Methylphenol	8.340	108	202567	31.063	ng/u1	92
19) Hexachloroethane	8.616	117	91459	32.743	ng/u1	99
22) Nitrobenzene	8.763	77	257372	34.951	ng/u1	97
23) Isophorone	9.293	82	439618	34.010	ng/u1	99
25) 2-Nitrophenol	9.469	139	111540	36.769	ng/u1	95
26) 2,4-Dimethylphenol	9.540	107	249062	34.579	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.781	93	261661	33.489	ng/u1	97
29) 2,4-Dichlorophenol	9.999	162	178620	35.562	ng/u1	99
30) Naphthalene	10.393	128	632348	33.003	ng/u1	99
32) 4-Chloroaniline	10.522	127	165530	19.556	ng/u1	98
33) Hexachlorobutadiene	10.669	225	112477	35.176	ng/u1	98
34) Caprolactam	11.328	113	35049	19.245	ng/u1	99
35) 4-Chloro-3-methylphenol	11.663	107	224775	35.396	ng/u1	98
36) 2-Methylnaphthalene	12.022	142	417771	33.513	ng/u1	98

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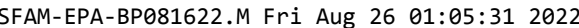
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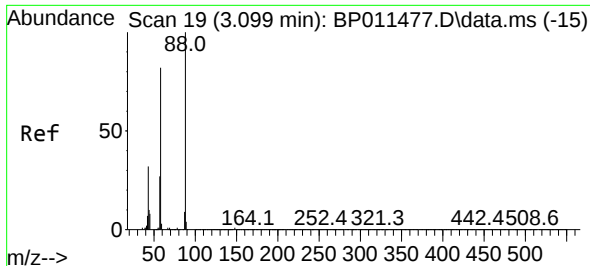
Quant Time: Aug 26 01:05:15 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.245	142	420457	33.255	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.393	216	191499	34.916	ng/ul	95
40) Hexachlorocyclopentadiene	12.369	237	107222	31.512	ng/ul	98
41) 2,4,6-Trichlorophenol	12.651	196	128704	36.461	ng/ul	96
42) 2,4,5-Trichlorophenol	12.722	196	141136	35.918	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	556299	34.551	ng/ul	98
44) 2-Chloronaphthalene	13.092	162	417738	34.430	ng/ul	99
45) 2-Nitroaniline	13.322	65	160461	38.750	ng/ul	98
47) Dimethylphthalate	13.704	163	546404	34.591	ng/ul	100
48) 2,6-Dinitrotoluene	13.828	165	106207	37.398	ng/ul	97
50) Acenaphthylene	13.951	152	706352	35.003	ng/ul	99
51) 3-Nitroaniline	14.157	138	112603	36.402	ng/ul	99
52) Acenaphthene	14.292	153	467459	34.585	ng/ul	99
53) 2,4-Dinitrophenol	14.369	184	63744	36.672	ng/ul	96
55) 4-Nitrophenol	14.481	109	130735	37.263	ng/ul	88
56) Dibenzofuran	14.634	168	635233	34.081	ng/ul	99
57) 2,4-Dinitrotoluene	14.622	165	160732	37.807	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.869	232	110793	35.913	ng/ul	99
59) Diethylphthalate	15.086	149	613194	35.443	ng/ul	99
61) Fluorene	15.292	166	528210	34.640	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.292	204	242167	35.155	ng/ul	94
63) 4-Nitroaniline	15.334	138	117590	39.355	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.392	198	87287	35.330	ng/ul	99
67) N-Nitrosodiphenylamine	15.516	169	453146	34.944	ng/ul	98
68) 4-Bromophenyl-phenylether	16.198	248	140079	35.502	ng/ul	97
69) Hexachlorobenzene	16.298	284	162318	35.696	ng/ul	100
70) Atrazine	16.486	200	33020	6.823	ng/ul	97
71) Pentachlorophenol	16.651	266	96921	34.374	ng/ul	98
72) Phenanthrene	17.051	178	817038	34.151	ng/ul	99
74) Anthracene	17.139	178	842405	34.902	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	189866	33.416	ng/uL	98
76) Pentachlorobenzene	14.551	250	185603	34.426	ng/uL	99
77) Carbazole	17.422	167	777979	34.268	ng/ul	98
78) Di-n-butylphthalate	17.998	149	1043197	37.314	ng/ul	100
80) Fluoranthene	19.039	202	945615	34.308	ng/ul	99
82) Pyrene	19.398	202	989047	34.151	ng/ul	96
83) Butylbenzylphthalate	20.298	149	489559	37.683	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.063	252	257378	30.691	ng/ul	99
85) Benzo(a)anthracene	21.121	228	941820	34.896	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.063	149	723575	37.636	ng/ul	99
87) Chrysene	21.174	228	924735	34.880	ng/ul	99
89) Di-n-octyl phthalate	21.957	149	1237735	34.908	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	964186	35.141	ng/ul	99
91) Benzo(k)fluoranthene	22.780	252	926066	35.368	ng/ul	98
93) Benzo(a)pyrene	23.333	252	947291	35.363	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.804	276	1061993	35.543	ng/ul	99
95) Dibenzo(a,h)anthracene	25.821	278	907699	35.281	ng/ul	98
96) Benzo(g,h,i)perylene	26.527	276	806888	31.747	ng/ul	99

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

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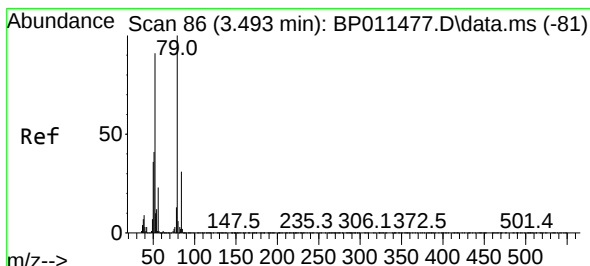
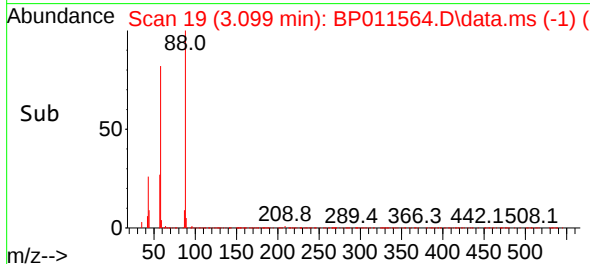
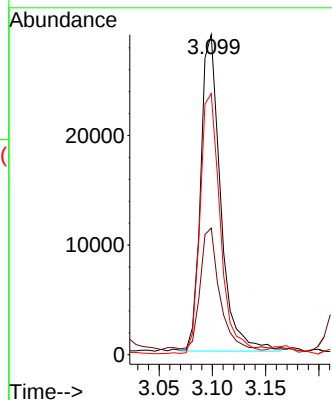
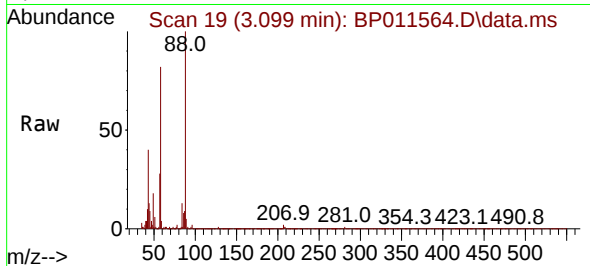




#2
1,4-Dioxane
Concen: 13.231 ng/uL
RT: 3.099 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

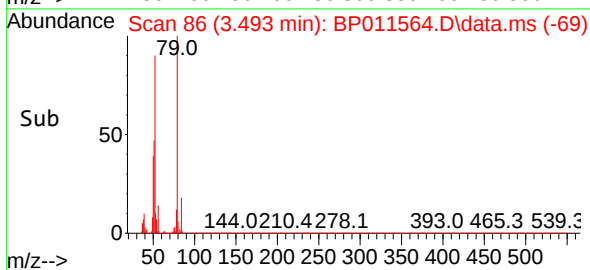
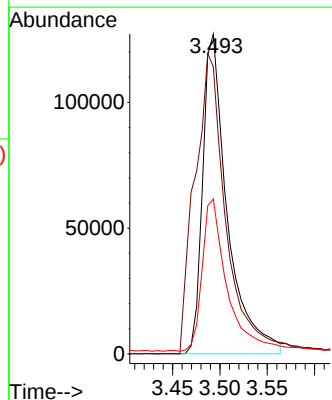
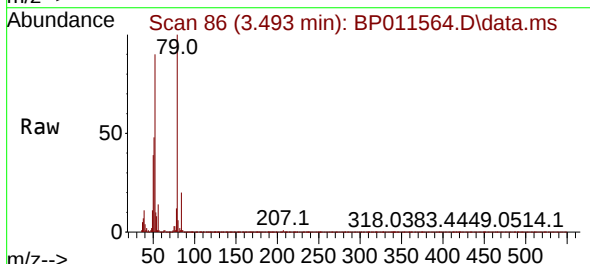
Instrument :
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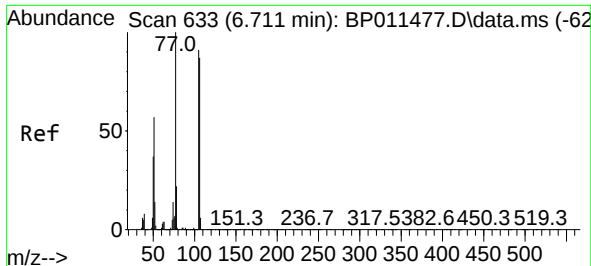
Tgt Ion: 88 Resp: 37640
Ion Ratio Lower Upper
88 100
43 39.5 29.0 43.4
58 81.6 64.7 97.1



#5
Pyridine
Concen: 32.989 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion: 79 Resp: 230021
Ion Ratio Lower Upper
79 100
52 89.7 70.2 105.2
51 48.4 36.1 54.1

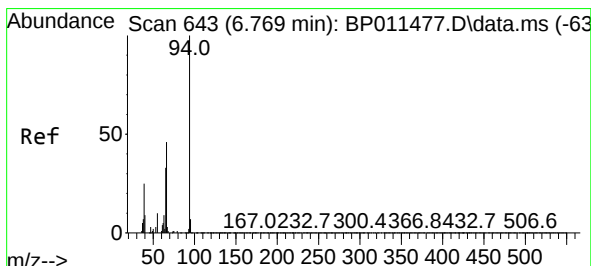
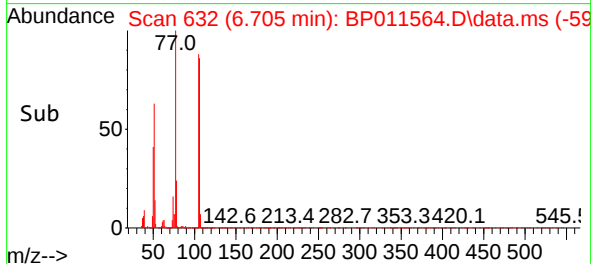
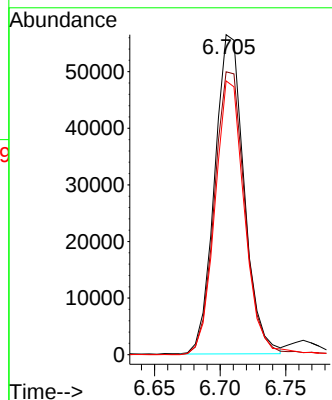
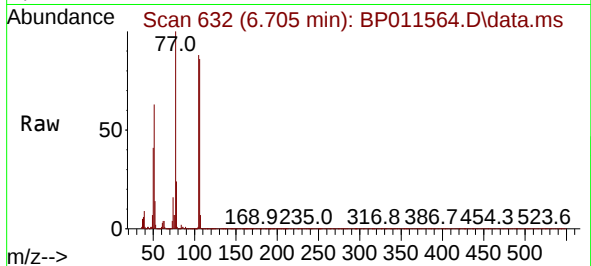




#6
Benzaldehyde
Concen: 24.727 ng/ul
RT: 6.705 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

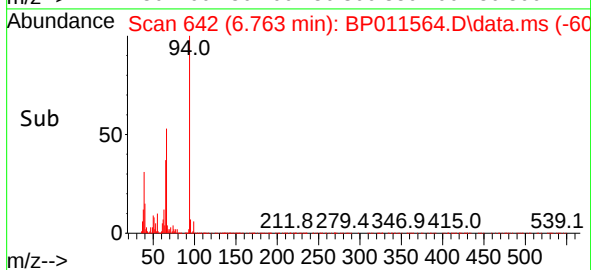
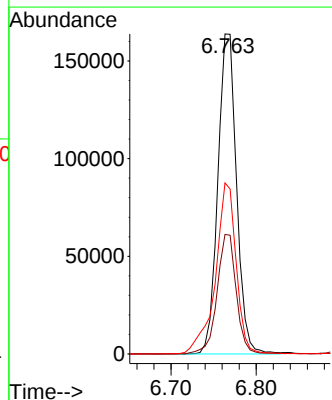
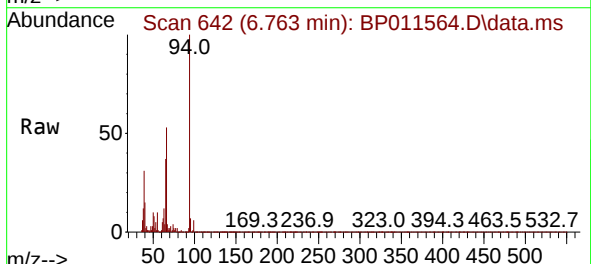
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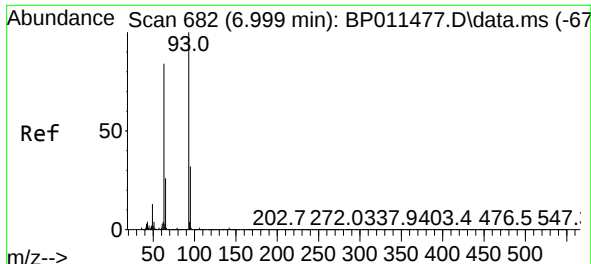
Tgt Ion: 77 Resp: 88290
Ion Ratio Lower Upper
77 100
105 88.4 72.0 108.0
106 85.6 67.4 101.0



#8
Phenol
Concen: 31.251 ng/ul
RT: 6.763 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion: 94 Resp: 249869
Ion Ratio Lower Upper
94 100
65 37.4 28.9 43.3
66 53.4 39.4 59.0

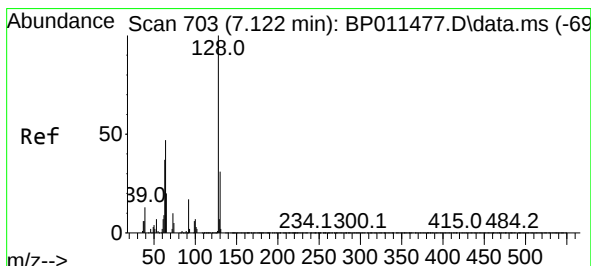
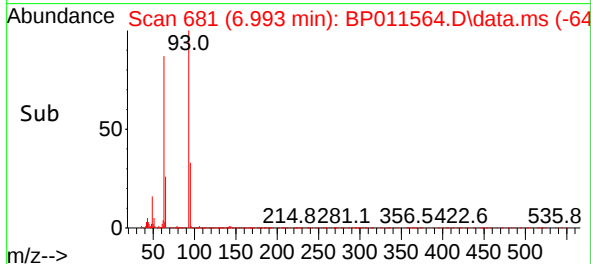
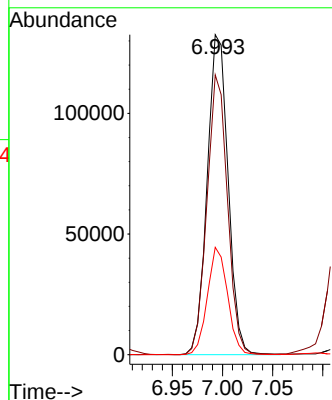
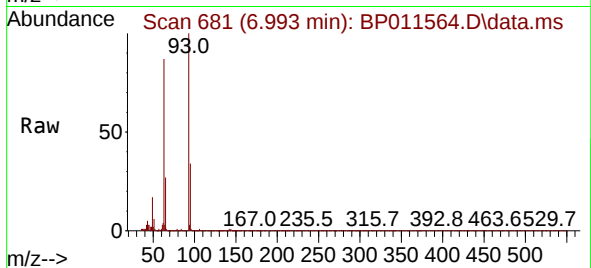




#10
Bis(2-Chloroethyl)ether
Concen: 30.856 ng/ul
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

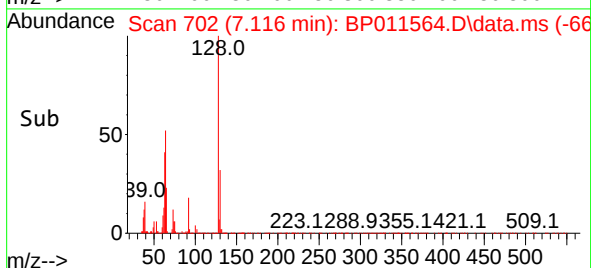
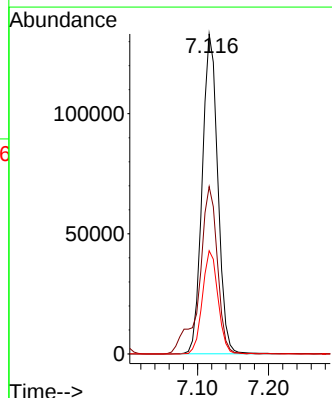
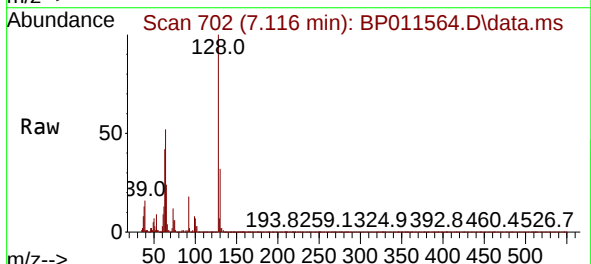
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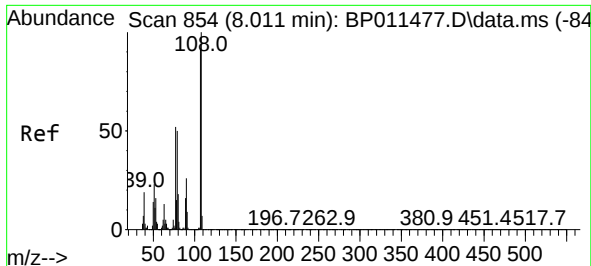
Tgt Ion: 93 Resp: 192454
Ion Ratio Lower Upper
93 100
63 87.5 67.8 101.6
95 33.6 25.0 37.6



#12
2-Chlorophenol
Concen: 33.059 ng/ul
RT: 7.116 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:128 Resp: 203573
Ion Ratio Lower Upper
128 100
64 52.3 40.2 60.2
130 32.3 24.6 37.0

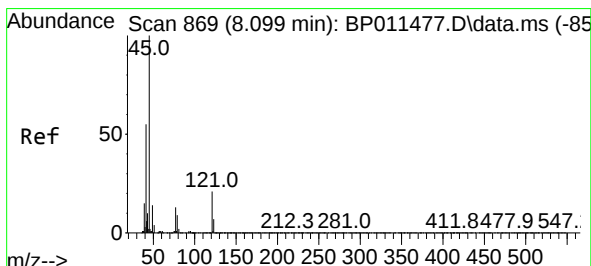
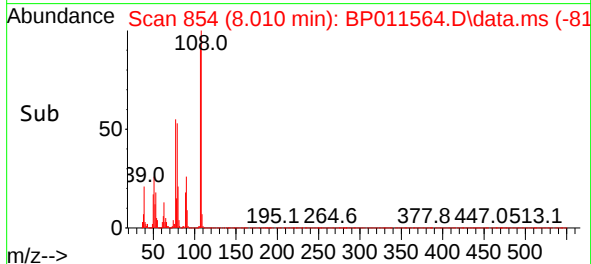
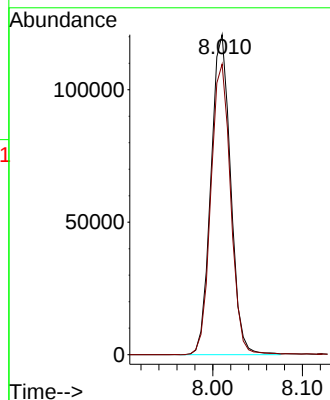
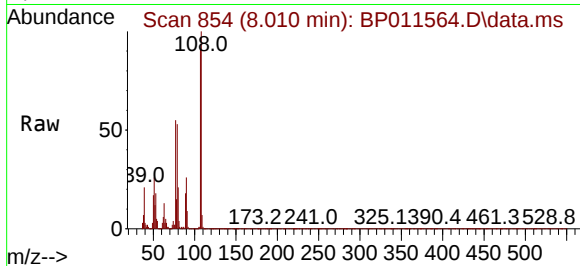




#13
2-Methylphenol
Concen: 31.266 ng/ul
RT: 8.010 min Scan# 854
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

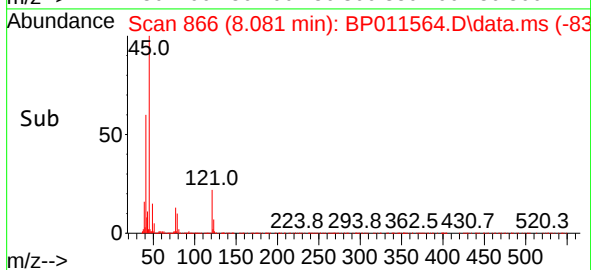
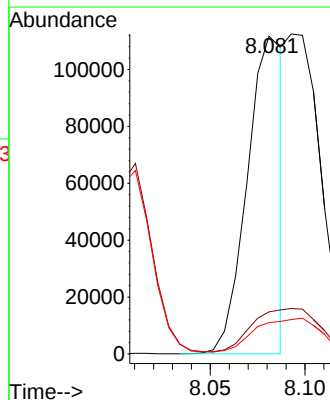
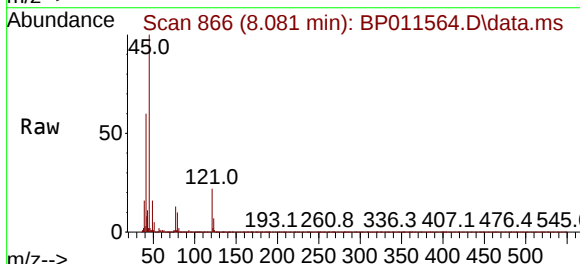
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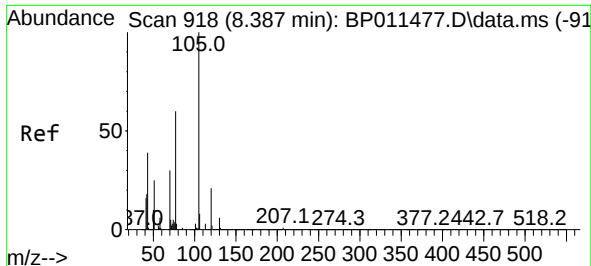
Tgt Ion:108 Resp: 184168
Ion Ratio Lower Upper
108 100
107 90.8 73.2 109.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 15.826 ng/ul
RT: 8.081 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion: 45 Resp: 146233
Ion Ratio Lower Upper
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77 13.3 11.4 17.0
79 9.9 8.6 13.0

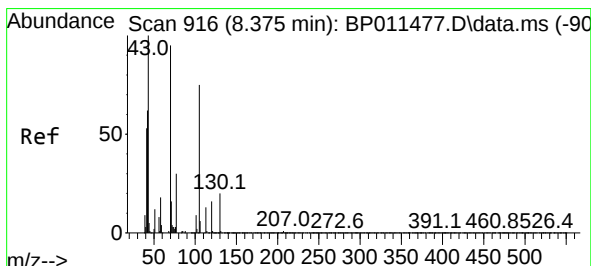
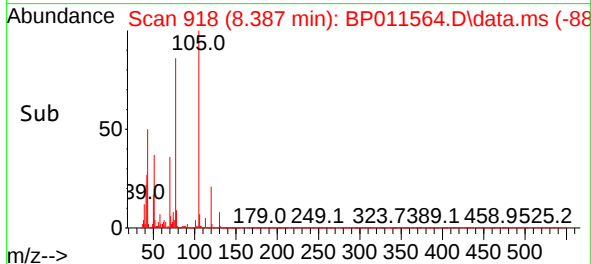
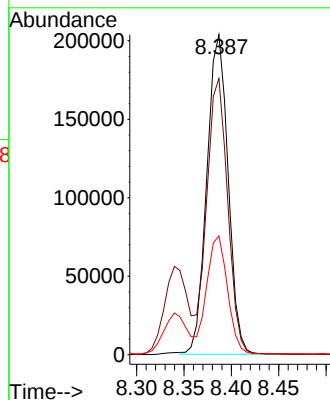
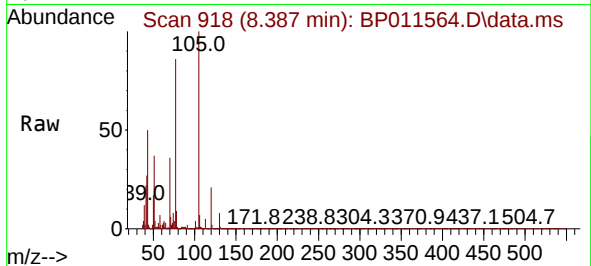




#16
Acetophenone
Concen: 30.642 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.006 min
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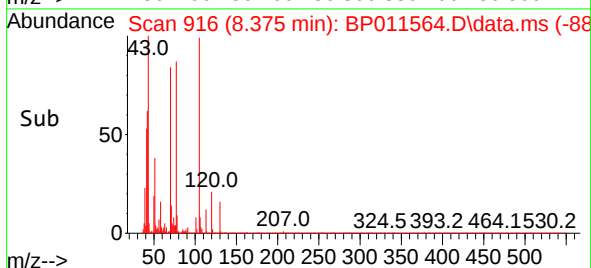
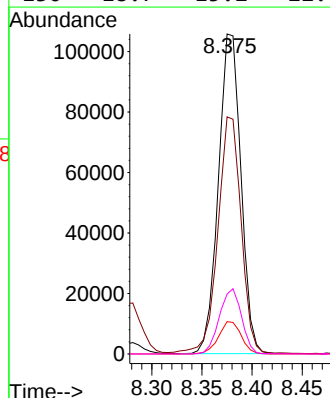
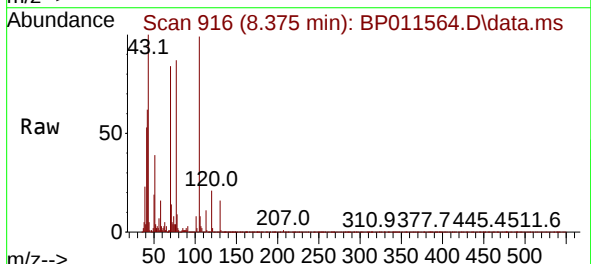
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BNA_P
ClientSampleId :

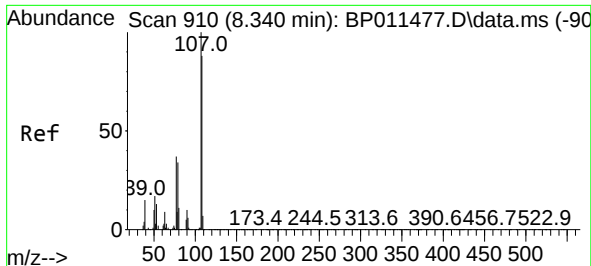
Tgt Ion:105 Resp: 317444
Ion Ratio Lower Upper
105 100
77 86.3 66.4 99.6
51 37.1 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 32.035 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion: 70 Resp: 165076
Ion Ratio Lower Upper
70 100
42 74.1 57.0 85.4
101 10.1 7.6 11.4
130 18.7 15.2 22.8

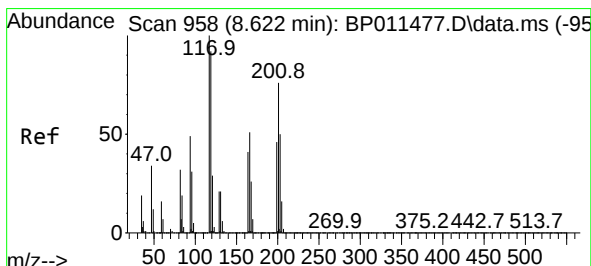
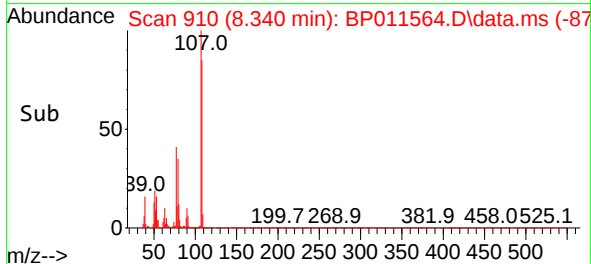
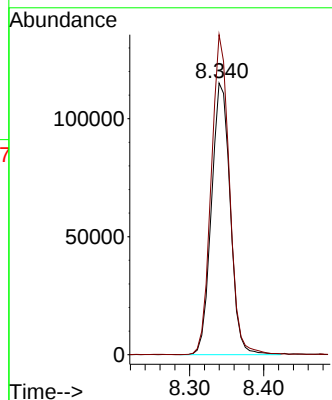
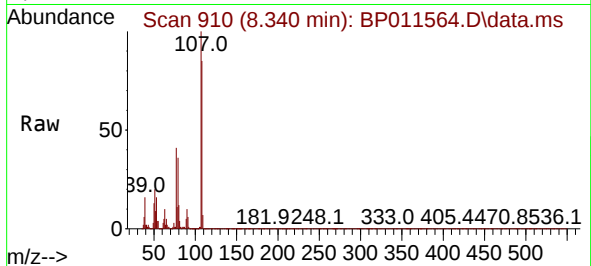




#18
4-Methylphenol
Concen: 31.063 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

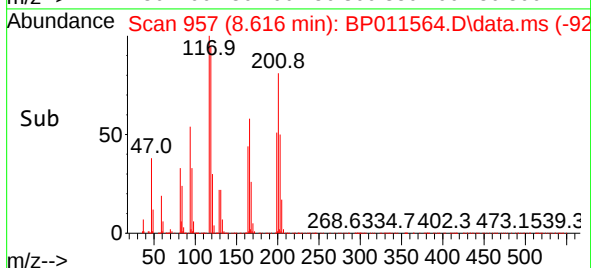
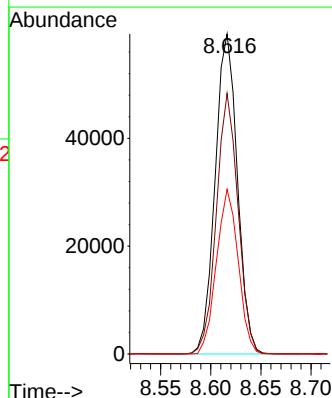
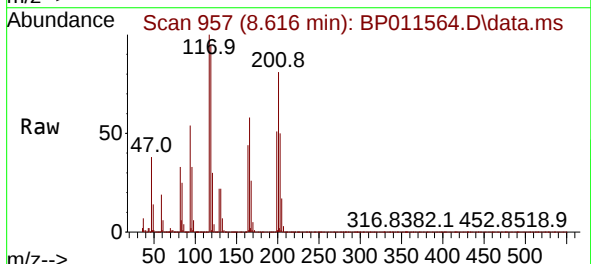
Instrument :
BNA_P
ClientSampleId :

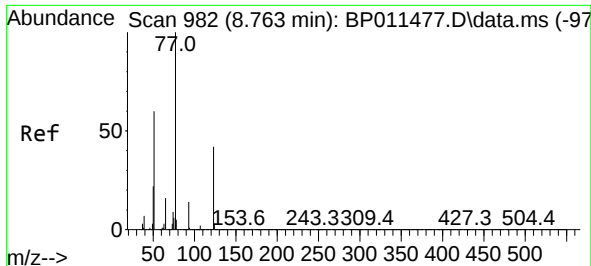
Tgt Ion:108 Resp: 202567
Ion Ratio Lower Upper
108 100
107 117.8 87.7 131.5



#19
Hexachloroethane
Concen: 32.743 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:117 Resp: 91459
Ion Ratio Lower Upper
117 100
201 81.4 64.2 96.4
199 51.4 41.0 61.6

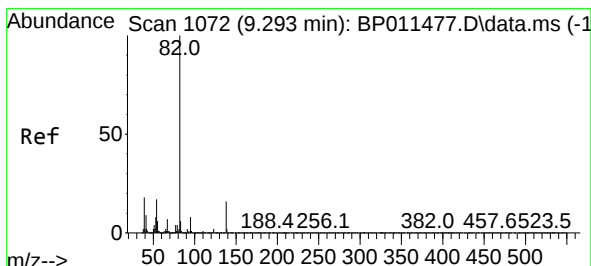
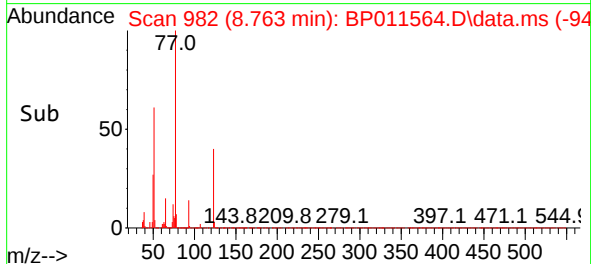
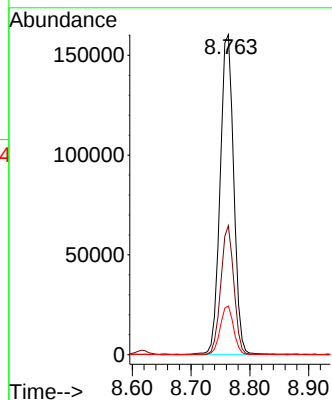
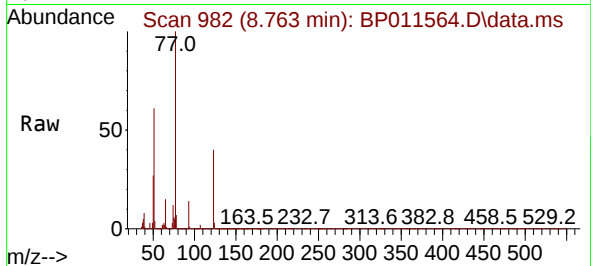




#22
Nitrobenzene
Concen: 34.951 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

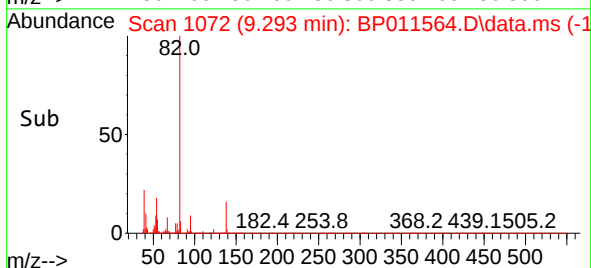
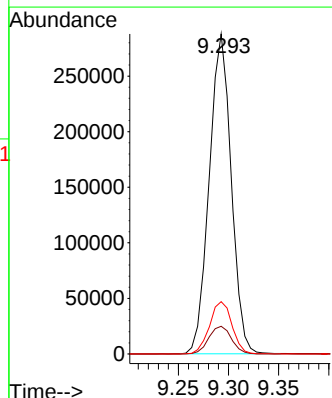
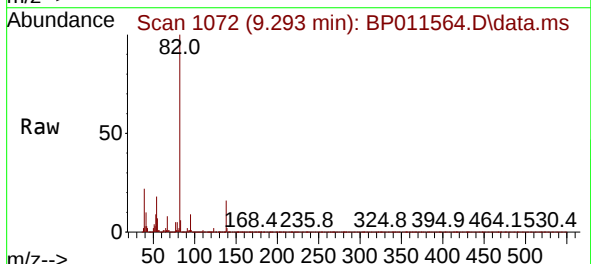
Instrument :
BNA_P
ClientSampleId :

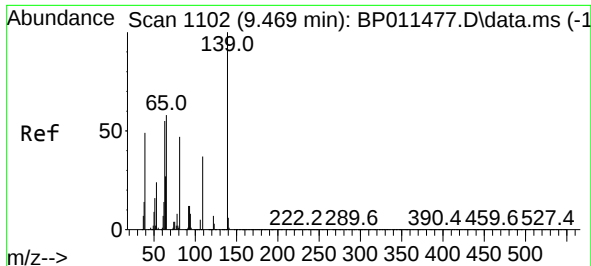
Tgt Ion: 77 Resp: 257372
Ion Ratio Lower Upper
77 100
123 40.3 30.4 45.6
65 15.2 11.5 17.3



#23
Isophorone
Concen: 34.010 ng/ul
RT: 9.293 min Scan# 1072
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion: 82 Resp: 439618
Ion Ratio Lower Upper
82 100
95 8.7 7.1 10.7
138 16.3 12.6 19.0

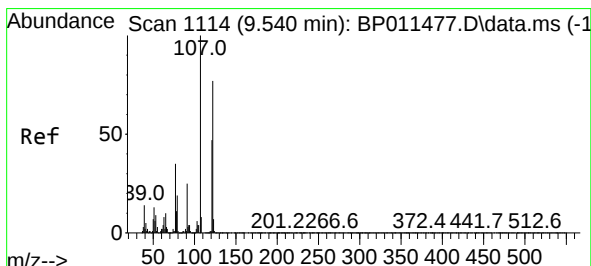
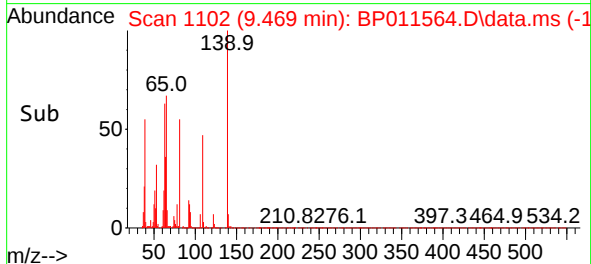
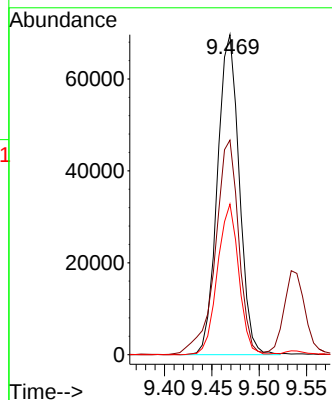
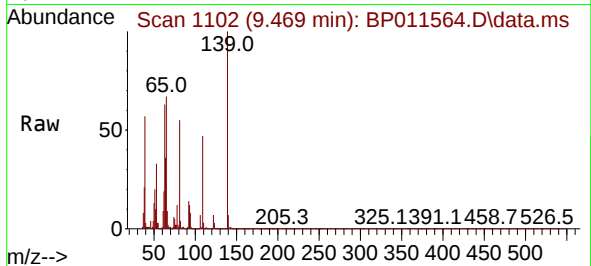




#25
2-Nitrophenol
Concen: 36.769 ng/ul
RT: 9.469 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

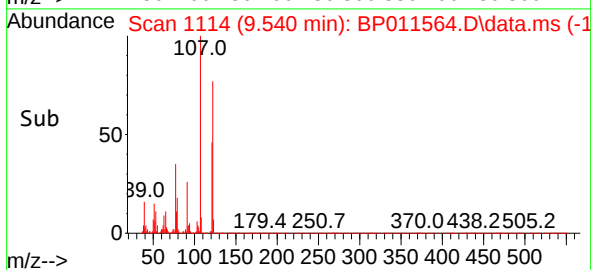
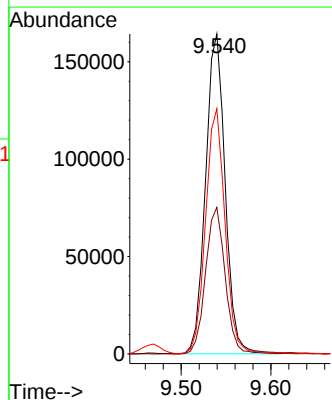
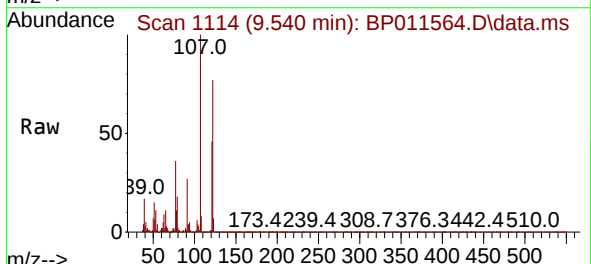
Instrument :
BNA_P
ClientSampleId :

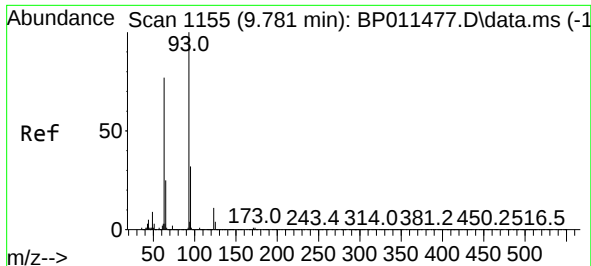
Tgt Ion:139 Resp: 111540
Ion Ratio Lower Upper
139 100
65 67.0 50.4 75.6
109 47.0 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 34.579 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:107 Resp: 249062
Ion Ratio Lower Upper
107 100
121 45.8 36.6 55.0
122 76.7 58.7 88.1

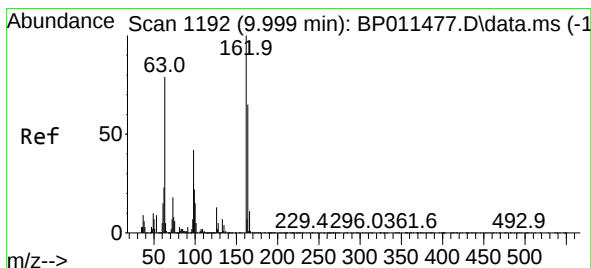
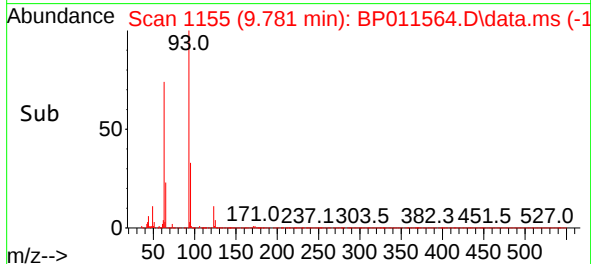
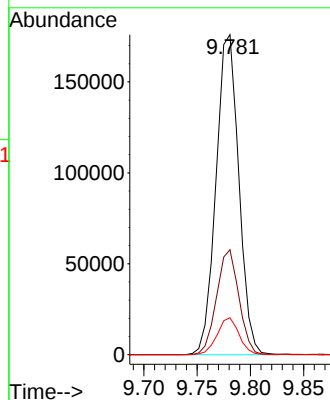
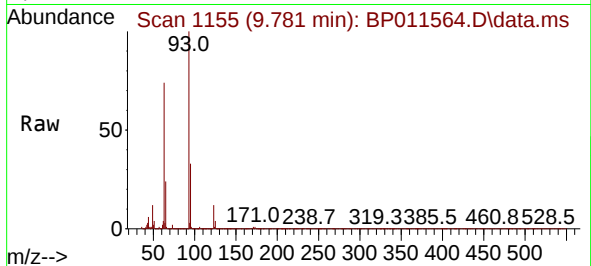




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.489 ng/ul
 RT: 9.781 min Scan# 1155
 Delta R.T. 0.006 min
 Lab File: BP011564.D
 Acq: 25 Aug 2022 16:07

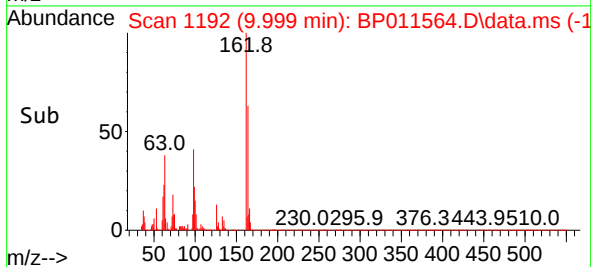
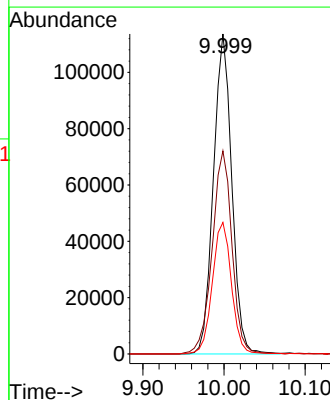
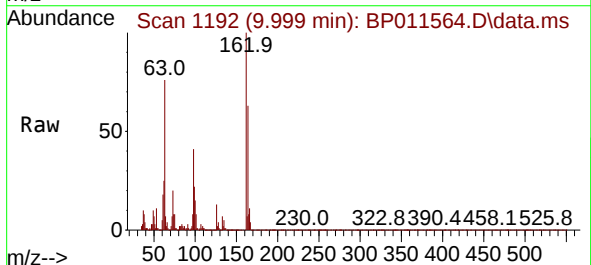
Instrument :
 BNA_P
 ClientSampleId :

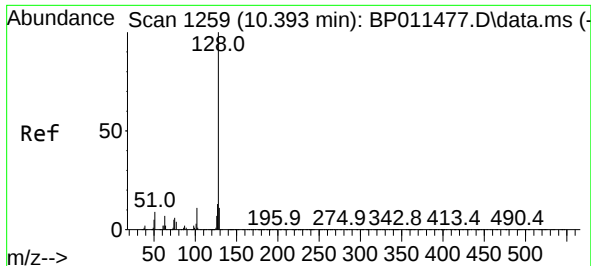
Tgt Ion: 93 Resp: 261661
 Ion Ratio Lower Upper
 93 100
 95 32.8 24.8 37.2
 123 11.5 8.2 12.4



#29
 2,4-Dichlorophenol
 Concen: 35.562 ng/ul
 RT: 9.999 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: BP011564.D
 Acq: 25 Aug 2022 16:07

Tgt Ion: 162 Resp: 178620
 Ion Ratio Lower Upper
 162 100
 164 63.4 50.2 75.2
 98 41.1 32.9 49.3

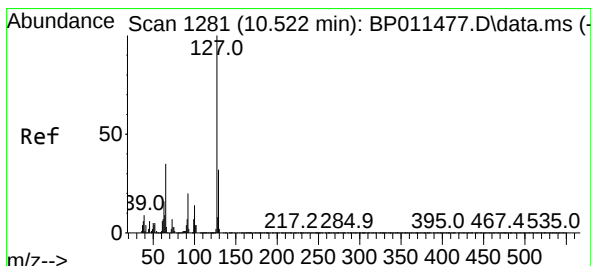
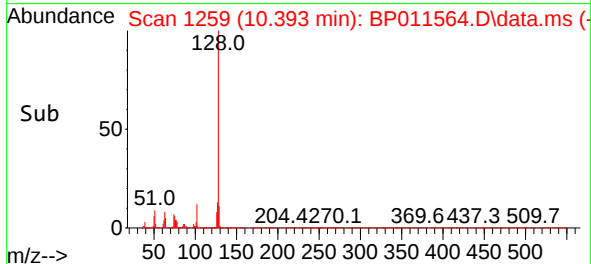
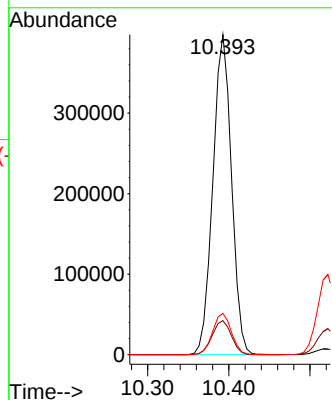
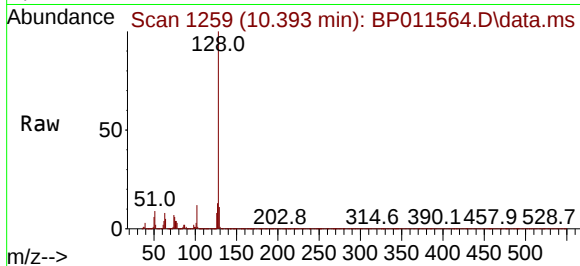




#30
Naphthalene
Concen: 33.003 ng/ul
RT: 10.393 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

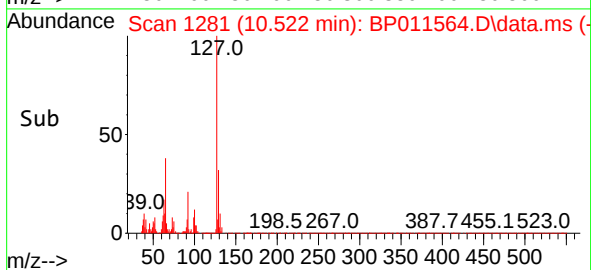
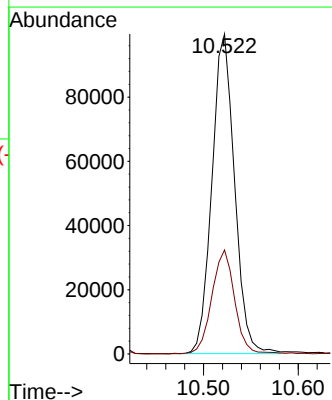
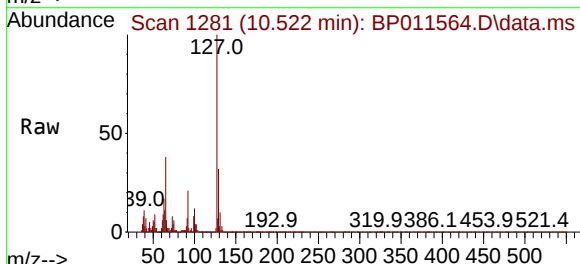
Instrument :
BNA_P
ClientSampleId :

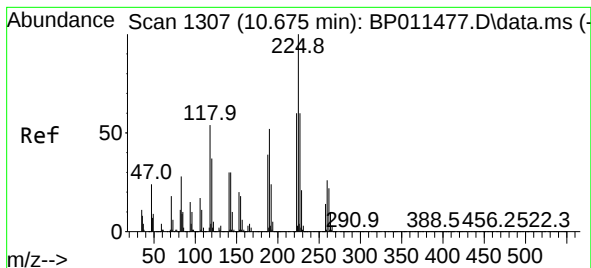
Tgt Ion:128 Resp: 632348
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 19.556 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:127 Resp: 165530
Ion Ratio Lower Upper
127 100
129 32.5 25.1 37.7





#33

Hexachlorobutadiene

Concen: 35.176 ng/ul

RT: 10.669 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

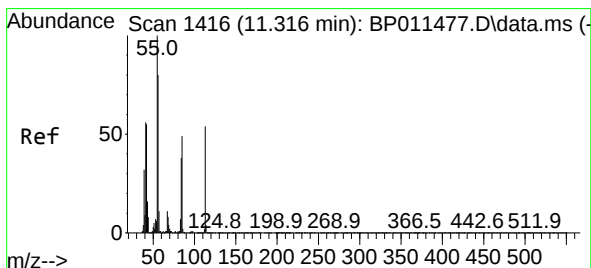
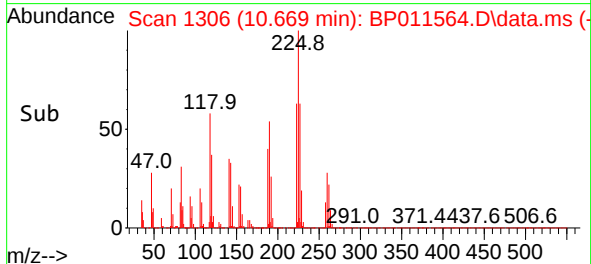
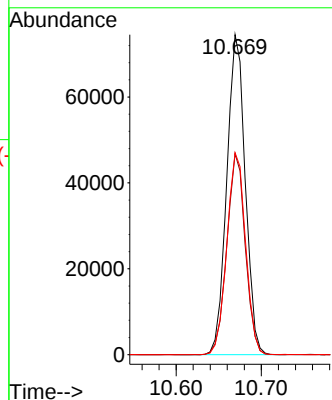
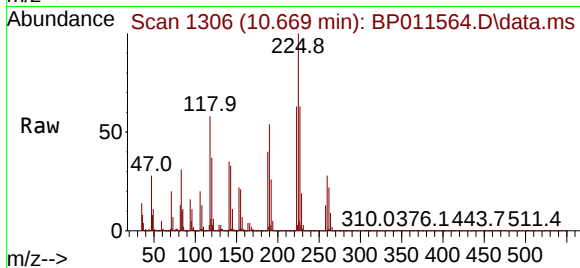
Tgt Ion:225 Resp: 112477

Ion Ratio Lower Upper

225 100

223 62.8 47.8 71.8

227 63.1 50.0 75.0



#34

Caprolactam

Concen: 19.245 ng/ul

RT: 11.328 min Scan# 1418

Delta R.T. 0.018 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

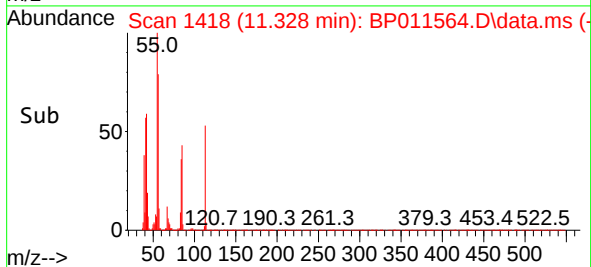
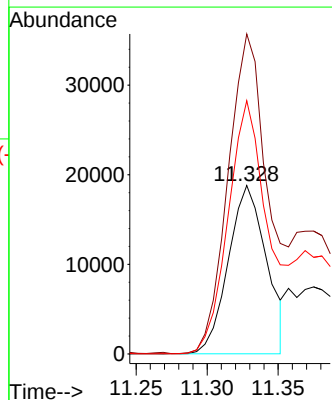
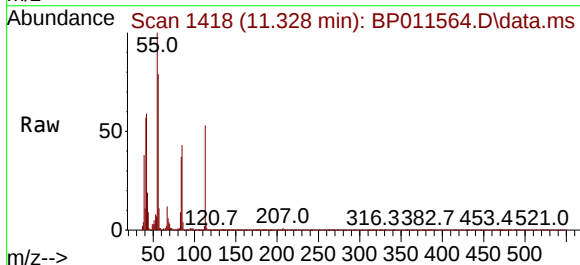
Tgt Ion:113 Resp: 35049

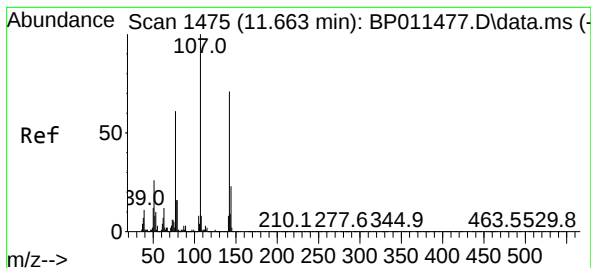
Ion Ratio Lower Upper

113 100

55 189.9 153.4 230.2

56 150.3 119.6 179.4

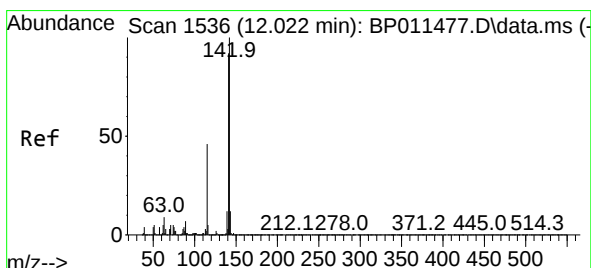
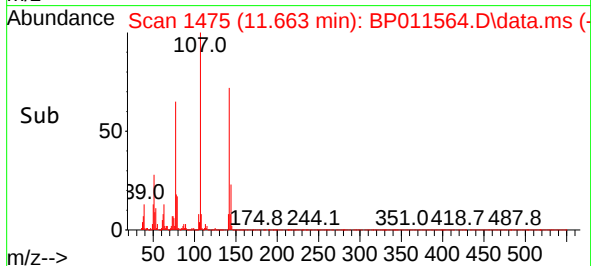
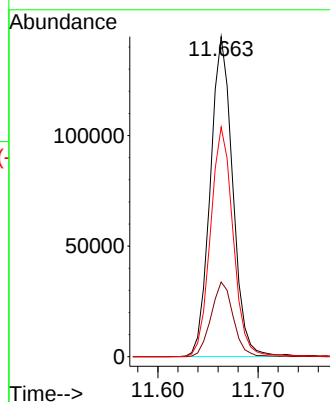
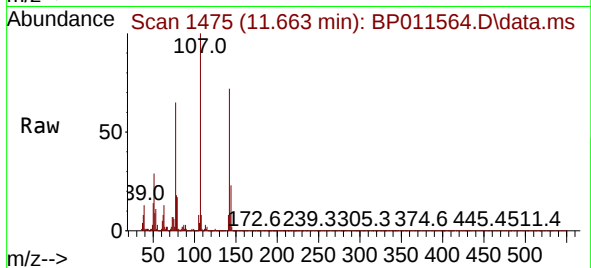




#35
4-Chloro-3-methylphenol
Concen: 35.396 ng/ul
RT: 11.663 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

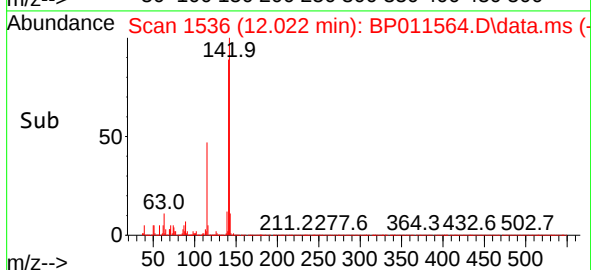
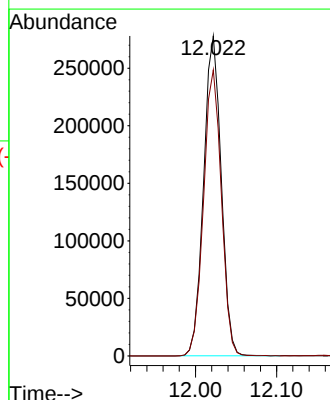
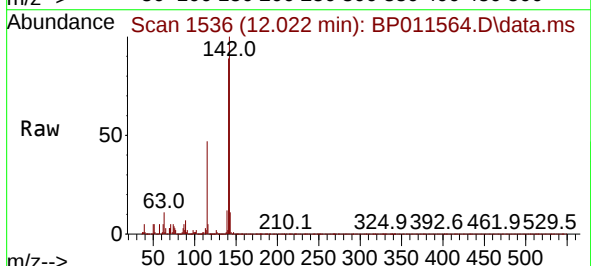
Instrument :
BNA_P
ClientSampleId :

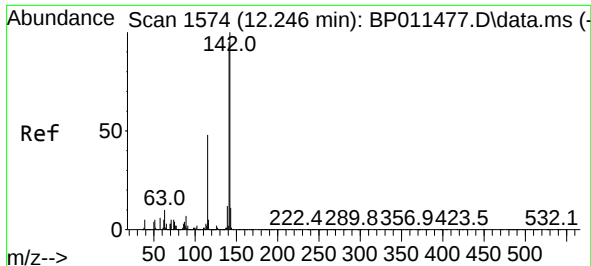
Tgt Ion:107 Resp: 224775
Ion Ratio Lower Upper
107 100
144 23.3 18.3 27.5
142 71.7 55.8 83.8



#36
2-Methylnaphthalene
Concen: 33.513 ng/ul
RT: 12.022 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:142 Resp: 417771
Ion Ratio Lower Upper
142 100
141 89.4 73.4 110.0





#37

1-Methylnaphthalene

Concen: 33.255 ng/ul

RT: 12.245 min Scan# 1574

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

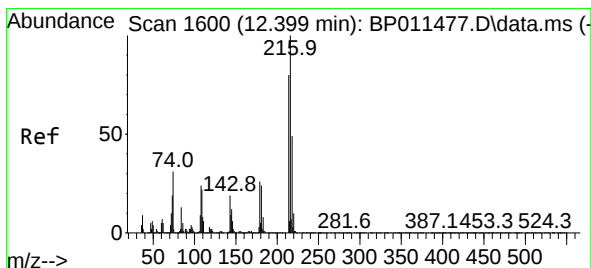
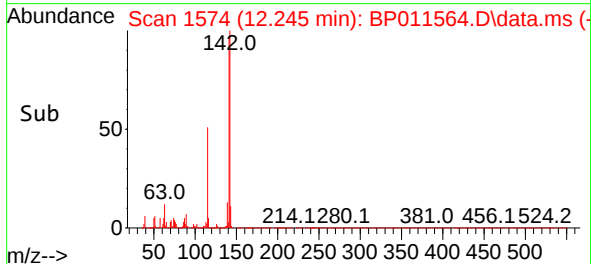
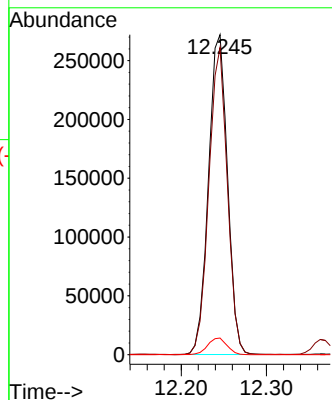
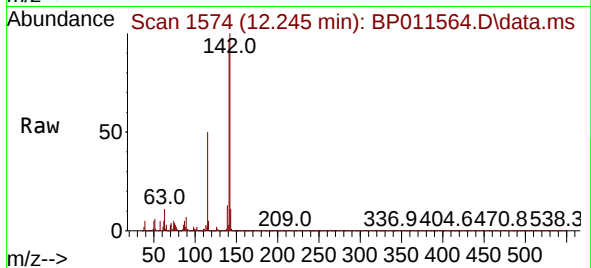
Tgt Ion:142 Resp: 420457

Ion Ratio Lower Upper

142 100

141 96.0 73.0 109.6

116 5.2 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.916 ng/ul

RT: 12.393 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Tgt Ion:216 Resp: 191499

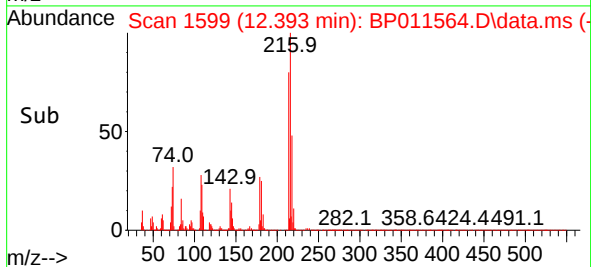
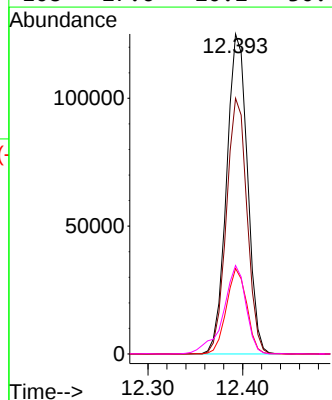
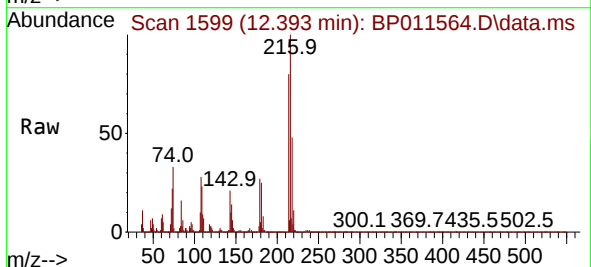
Ion Ratio Lower Upper

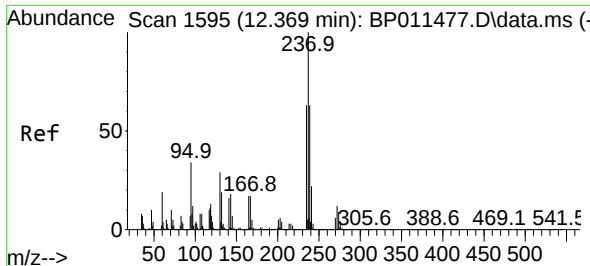
216 100

214 79.9 60.4 90.6

179 26.7 20.0 30.0

108 27.6 20.2 30.4

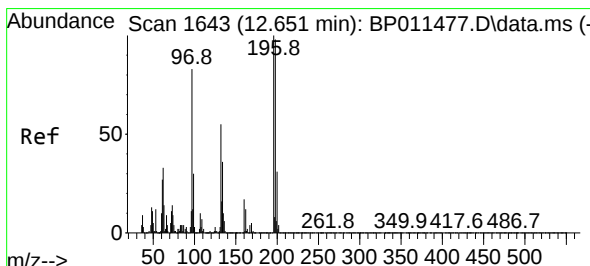
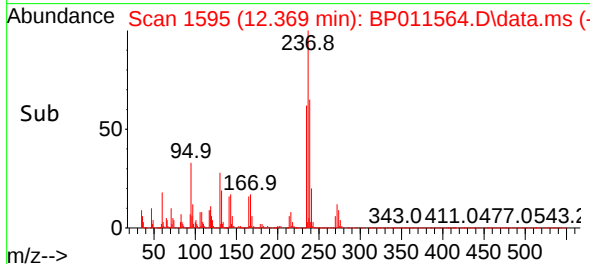
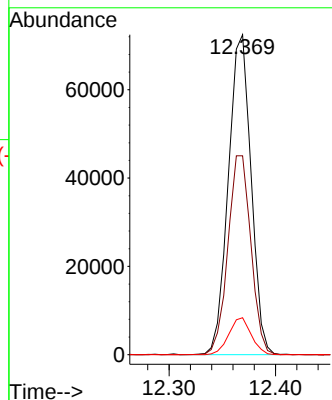
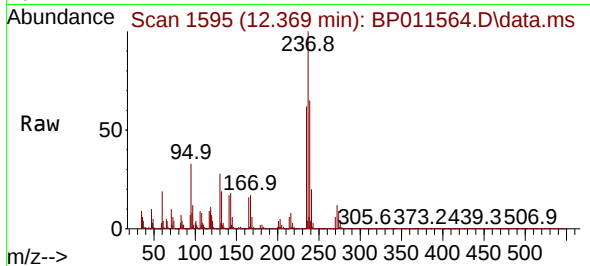




#40
Hexachlorocyclopentadiene
Concen: 31.512 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

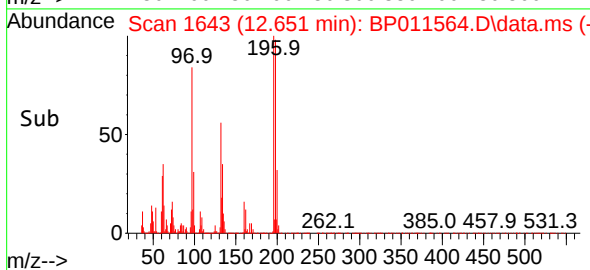
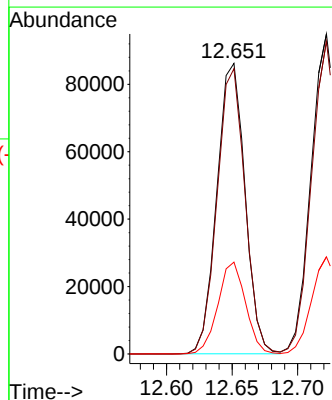
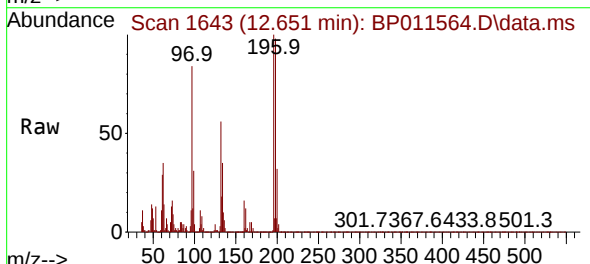
Instrument :
BNA_P
ClientSampleId :

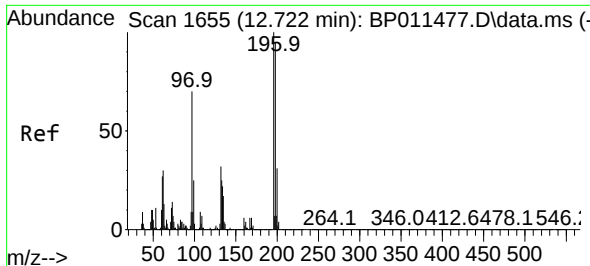
Tgt Ion:237 Resp: 107222
Ion Ratio Lower Upper
237 100
235 62.2 50.9 76.3
272 11.6 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 36.461 ng/ul
RT: 12.651 min Scan# 1643
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:196 Resp: 128704
Ion Ratio Lower Upper
196 100
198 98.2 75.6 113.4
200 31.6 23.1 34.7

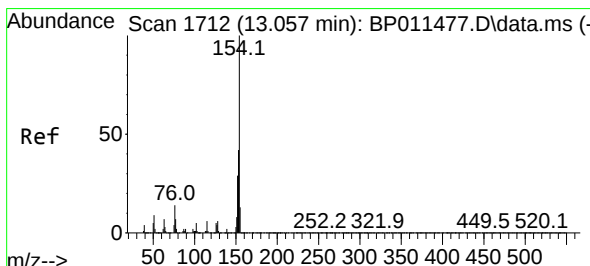
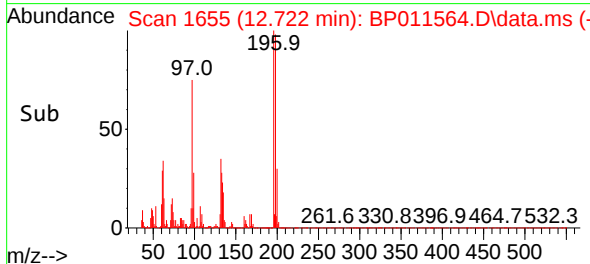
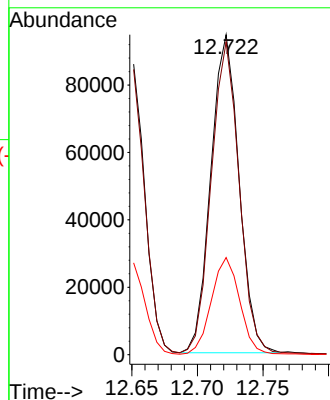
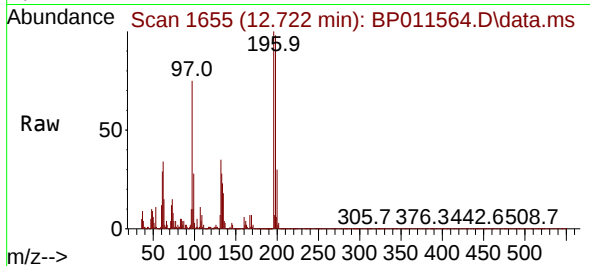




#42
2,4,5-Trichlorophenol
Concen: 35.918 ng/ul
RT: 12.722 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

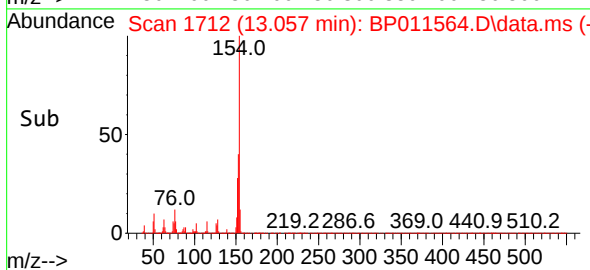
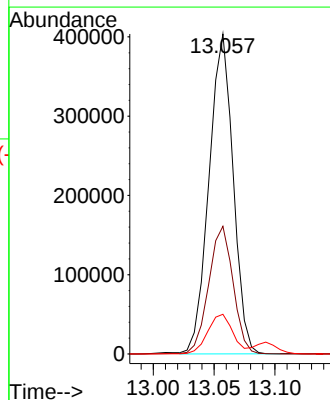
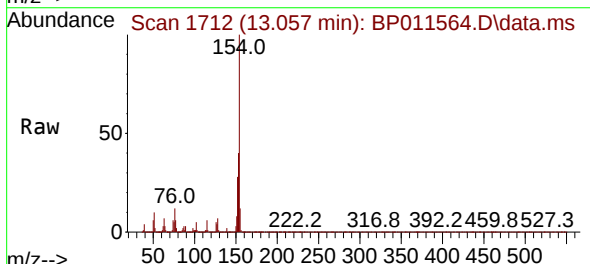
Instrument :
BNA_P
ClientSampleId :

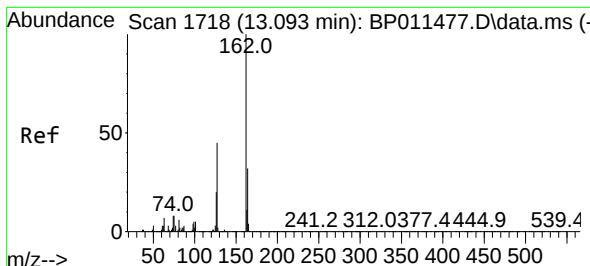
Tgt Ion:196 Resp: 141136
Ion Ratio Lower Upper
196 100
198 97.7 75.6 113.4
200 30.4 23.8 35.6



#43
1,1'-Biphenyl
Concen: 34.551 ng/ul
RT: 13.057 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:154 Resp: 556299
Ion Ratio Lower Upper
154 100
153 39.9 32.2 48.4
76 12.4 11.6 17.4





#44

2-Chloronaphthalene

Concen: 34.430 ng/ul

RT: 13.092 min Scan# 1718

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

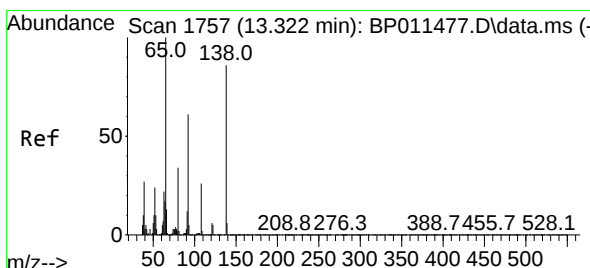
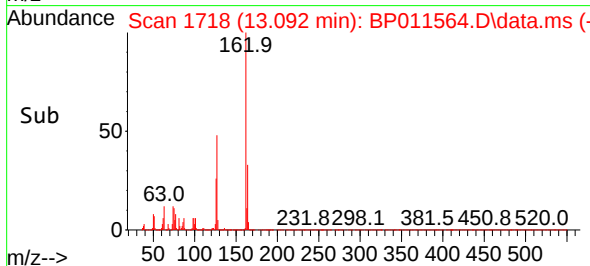
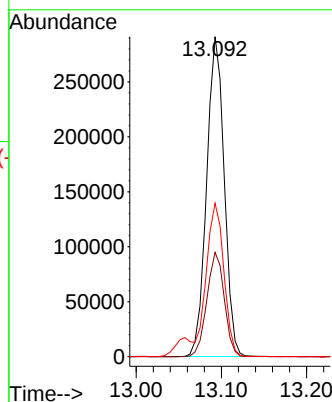
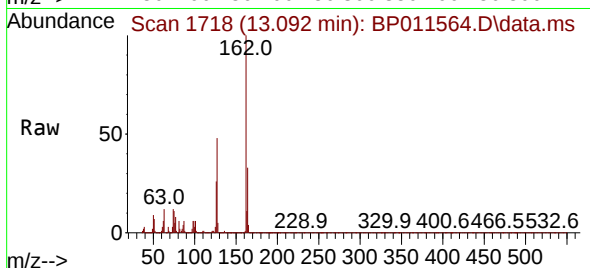
Tgt Ion:162 Resp: 417738

Ion Ratio Lower Upper

162 100

164 32.6 26.4 39.6

127 48.0 37.4 56.2



#45

2-Nitroaniline

Concen: 38.750 ng/ul

RT: 13.322 min Scan# 1757

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

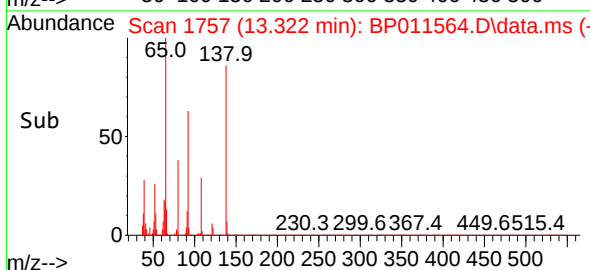
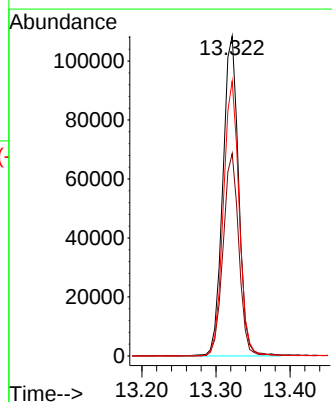
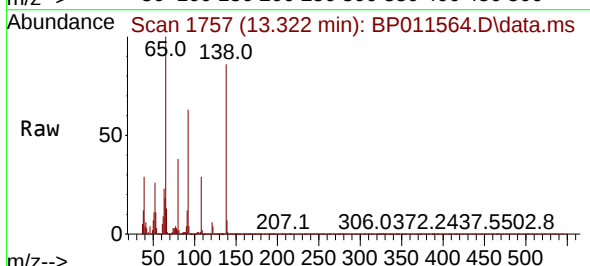
Tgt Ion: 65 Resp: 160461

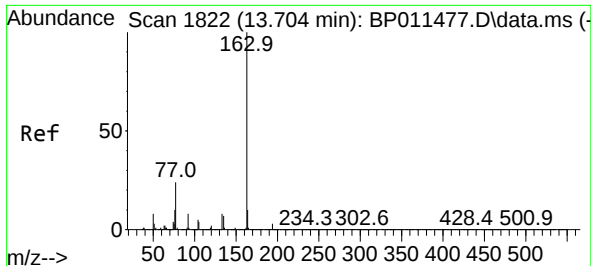
Ion Ratio Lower Upper

65 100

92 63.3 50.8 76.2

138 86.0 66.7 100.1

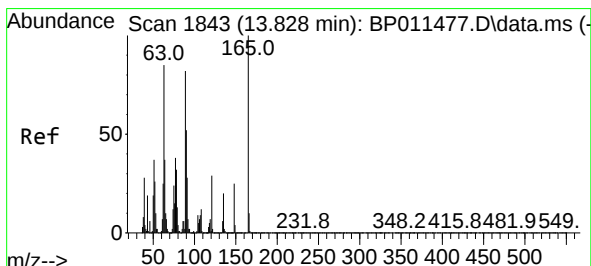
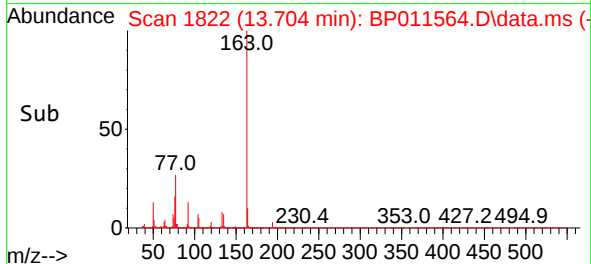
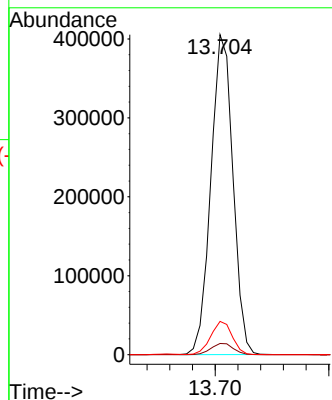
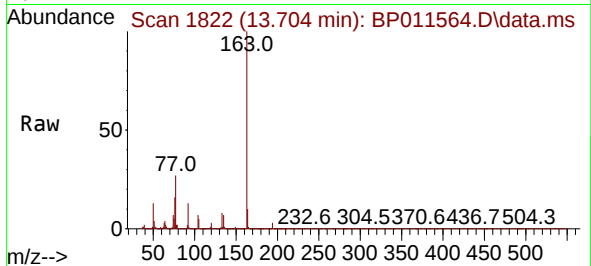




#47
Dimethylphthalate
Concen: 34.591 ng/ul
RT: 13.704 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

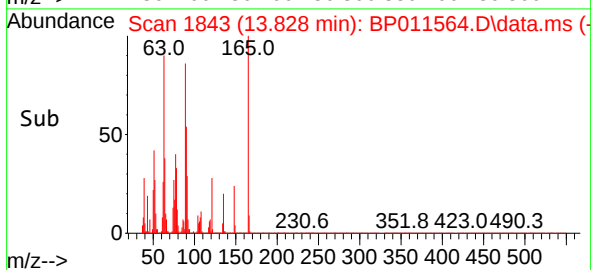
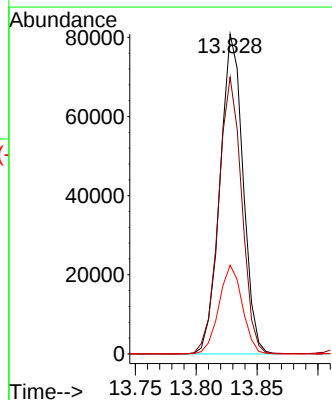
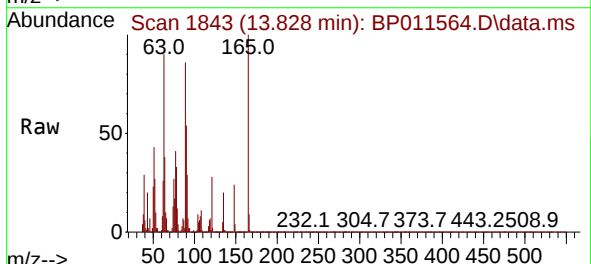
Instrument :
BNA_P
ClientSampleId :

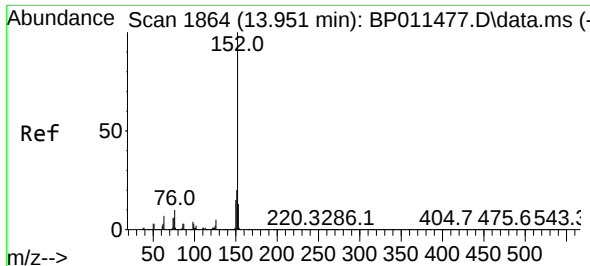
Tgt Ion:163 Resp: 546404
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.4 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 37.398 ng/ul
RT: 13.828 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:165 Resp: 106207
Ion Ratio Lower Upper
165 100
89 86.5 66.6 99.8
121 27.7 21.0 31.6

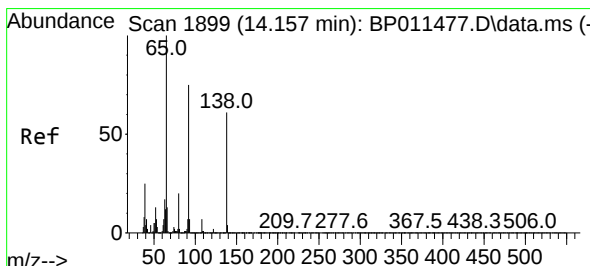
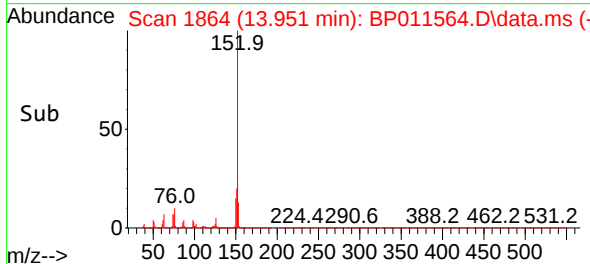
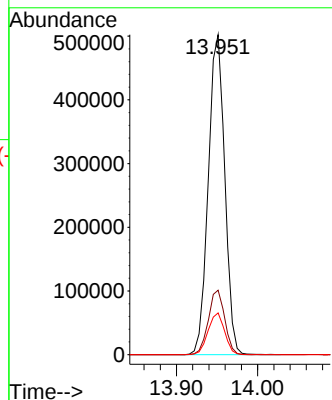
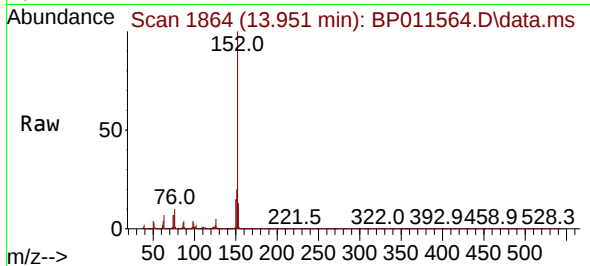




#50
Acenaphthylene
Concen: 35.003 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

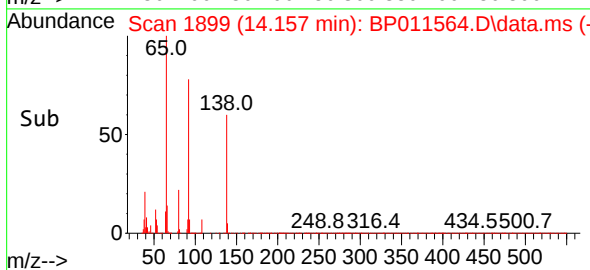
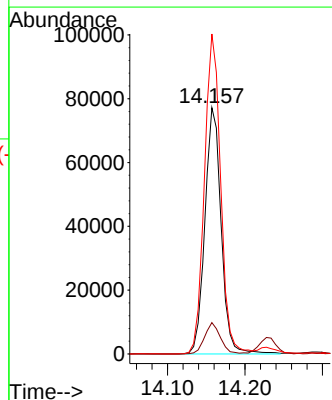
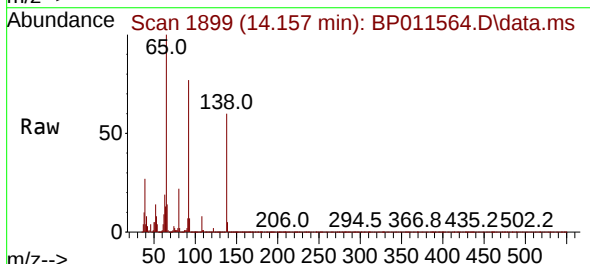
Instrument :
BNA_P
ClientSampleId :

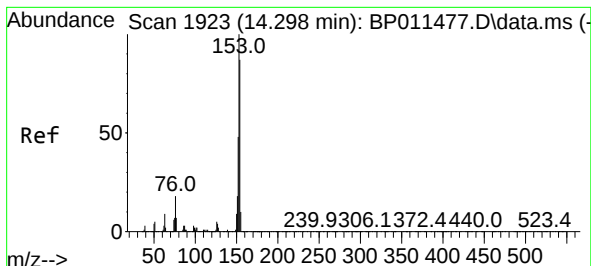
Tgt Ion:152 Resp: 706352
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 36.402 ng/ul
RT: 14.157 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:138 Resp: 112603
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 129.9 104.2 156.2





#52

Acenaphthene

Concen: 34.585 ng/ul

RT: 14.292 min Scan# 1923

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

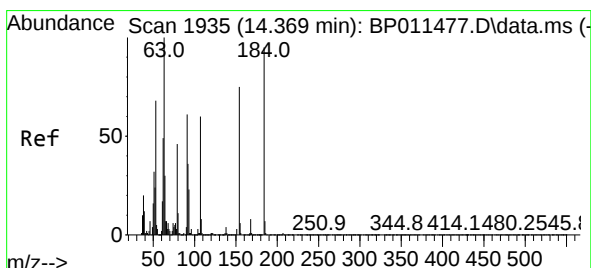
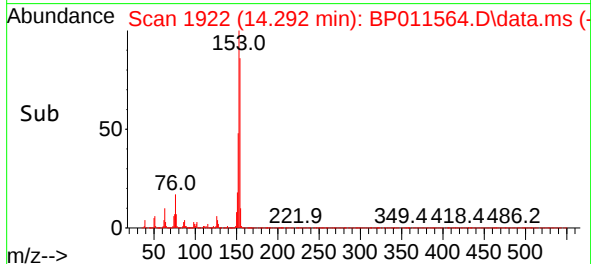
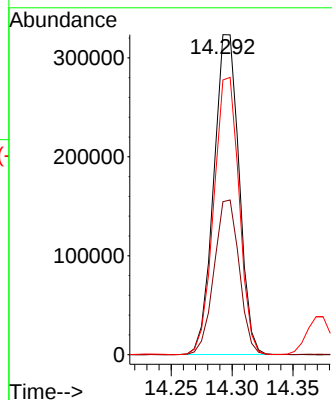
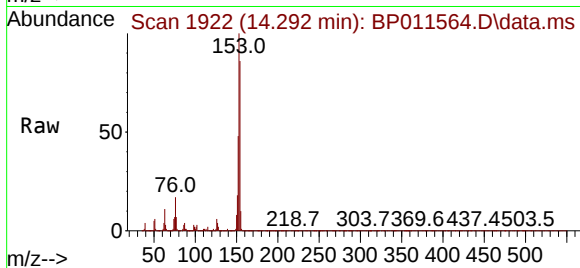
Tgt Ion:153 Resp: 467459

Ion Ratio Lower Upper

153 100

152 47.8 37.7 56.5

154 85.9 69.4 104.0



#53

2,4-Dinitrophenol

Concen: 36.672 ng/ul

RT: 14.369 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

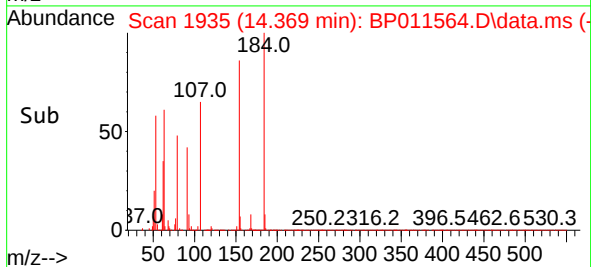
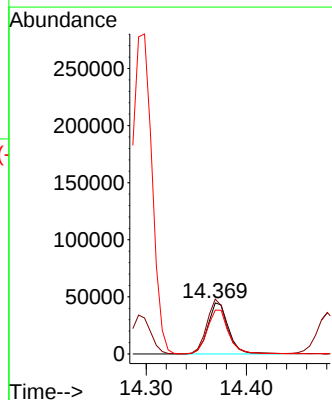
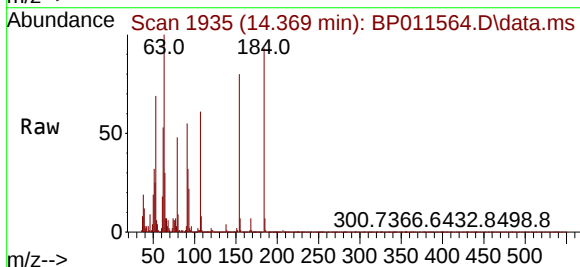
Tgt Ion:184 Resp: 63744

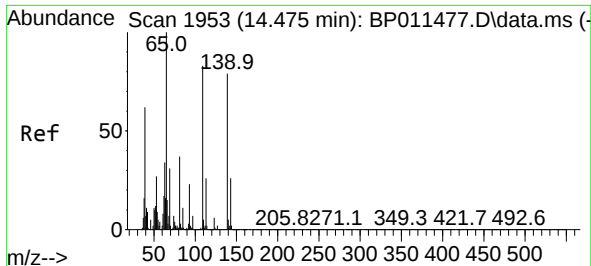
Ion Ratio Lower Upper

184 100

63 107.4 82.5 123.7

154 85.8 66.6 100.0

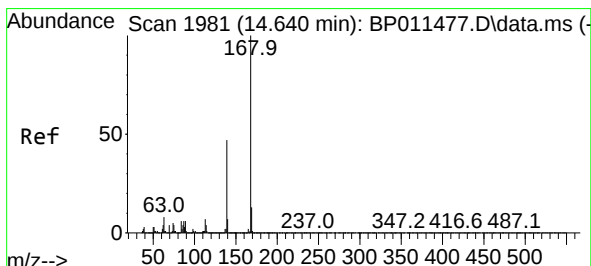
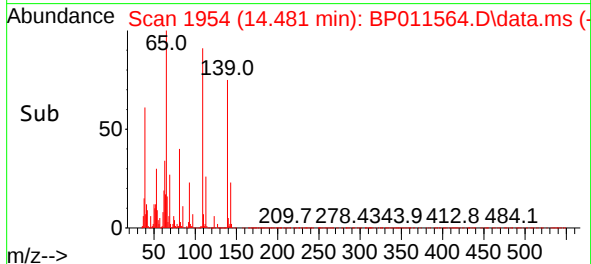
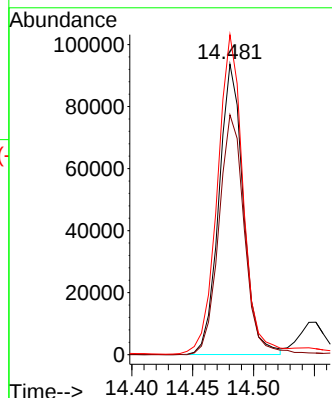
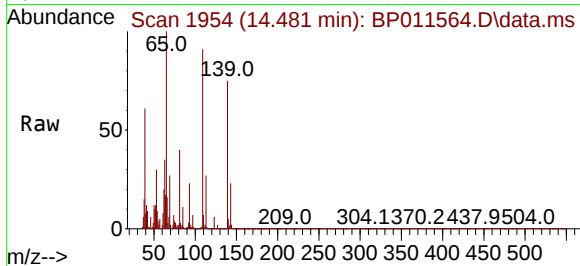




#55
4-Nitrophenol
Concen: 37.263 ng/ul
RT: 14.481 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

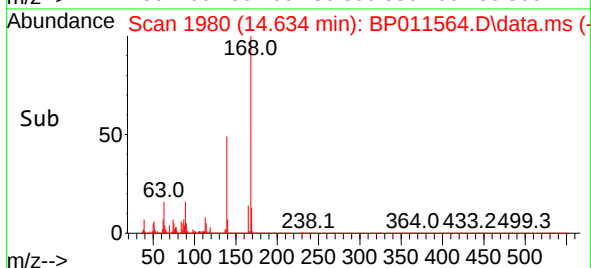
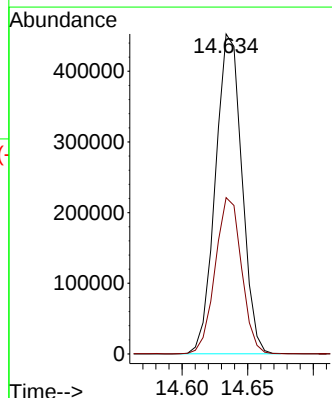
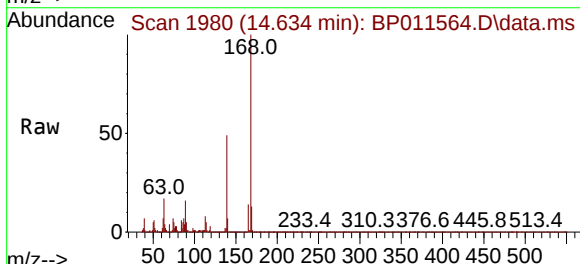
Instrument :
BNA_P
ClientSampleId :

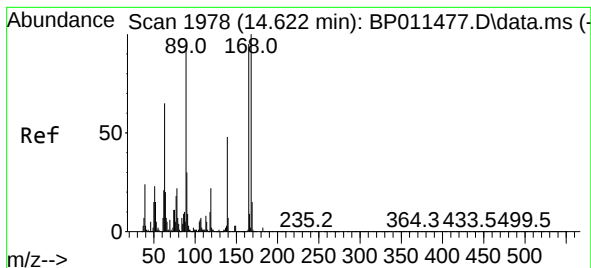
Tgt Ion:109 Resp: 130735
Ion Ratio Lower Upper
109 100
139 82.5 76.0 114.0
65 110.1 98.8 148.2



#56
Dibenzofuran
Concen: 34.081 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:168 Resp: 635233
Ion Ratio Lower Upper
168 100
139 48.8 38.4 57.6

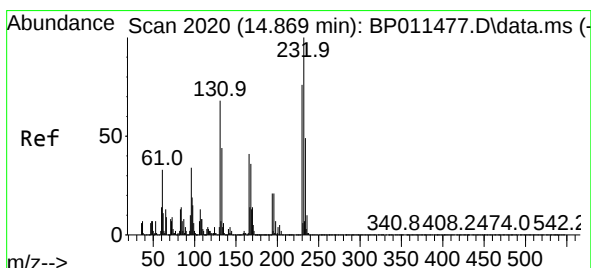
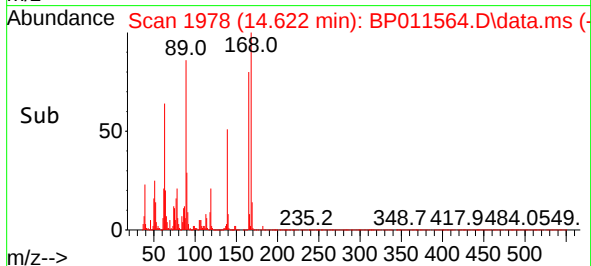
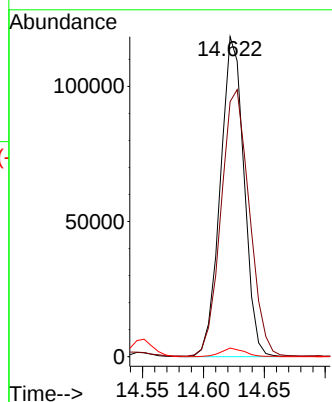
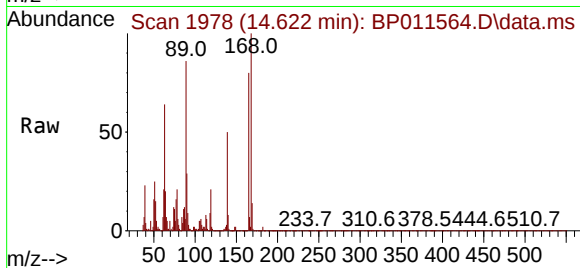




#57
2,4-Dinitrotoluene
Concen: 37.807 ng/ul
RT: 14.622 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

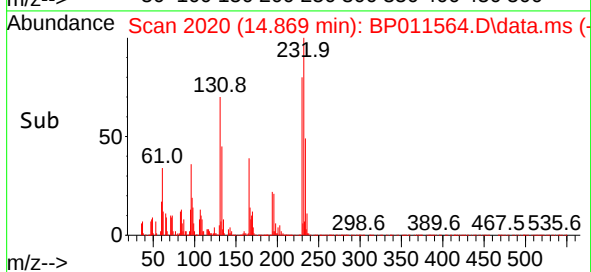
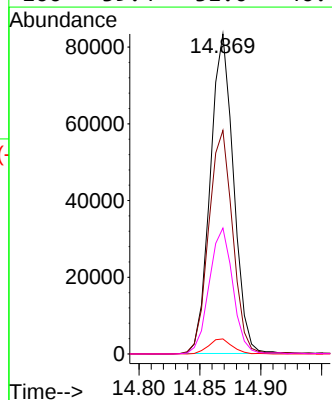
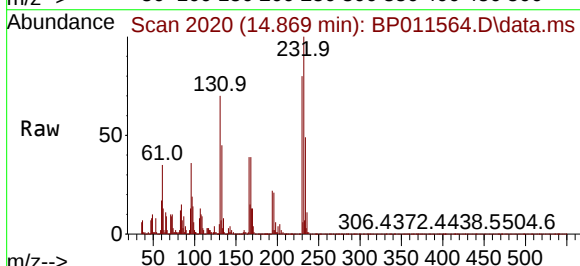
Instrument :
BNA_P
ClientSampleId :

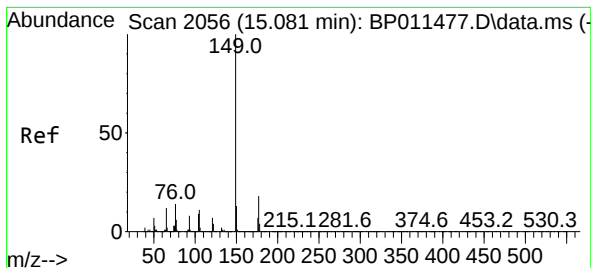
Tgt Ion:165 Resp: 160732
Ion Ratio Lower Upper
165 100
63 79.7 60.2 90.2
182 2.7 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.913 ng/ul
RT: 14.869 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:232 Resp: 110793
Ion Ratio Lower Upper
232 100
131 69.9 55.4 83.0
130 4.7 3.6 5.4
166 39.4 31.0 46.4





#59

Diethylphthalate

Concen: 35.443 ng/ul

RT: 15.086 min Scan# 2056

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

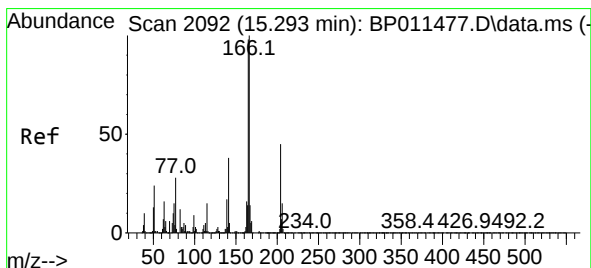
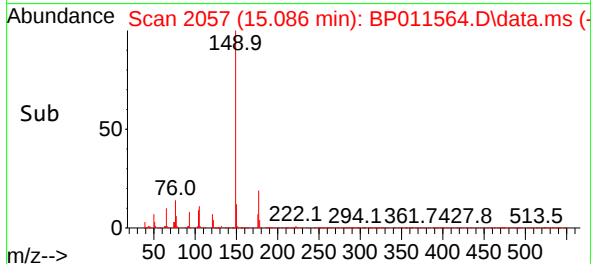
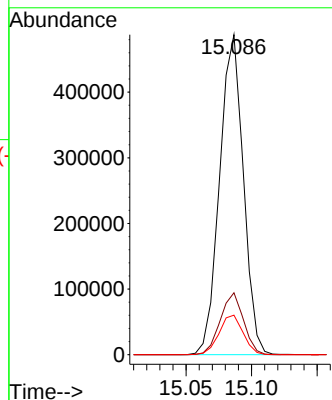
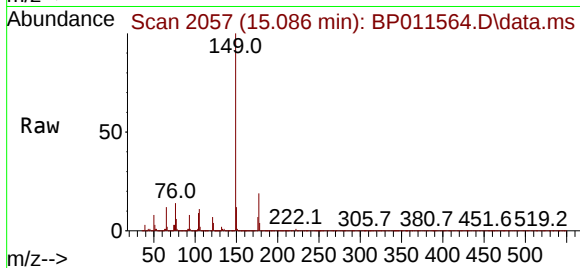
Tgt Ion:149 Resp: 613194

Ion Ratio Lower Upper

149 100

177 19.3 15.7 23.5

150 12.3 10.1 15.1



#61

Fluorene

Concen: 34.640 ng/ul

RT: 15.292 min Scan# 2092

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

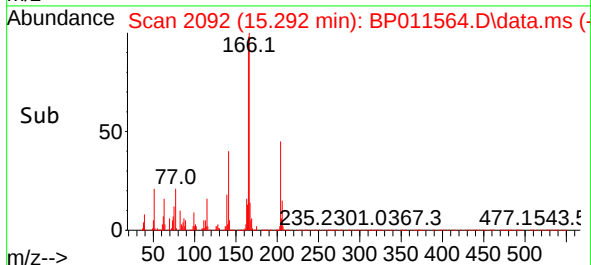
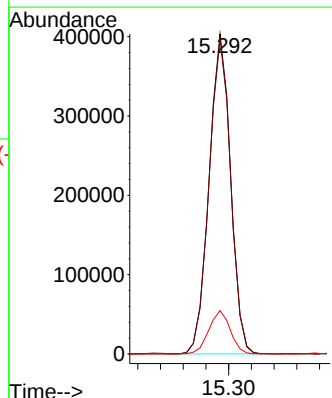
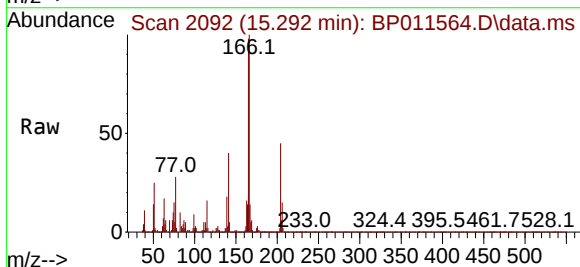
Tgt Ion:166 Resp: 528210

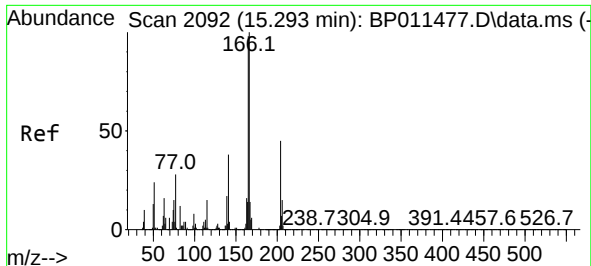
Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.2

167 13.6 10.3 15.5

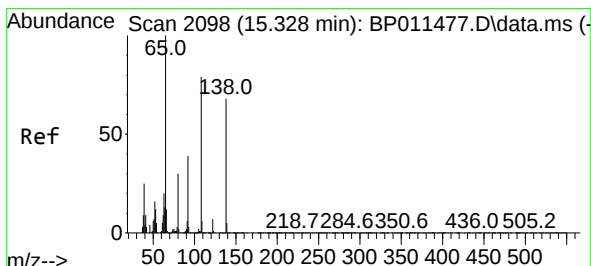
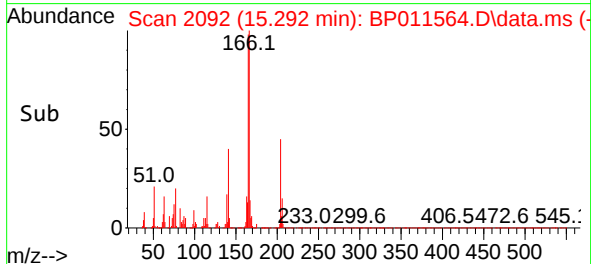
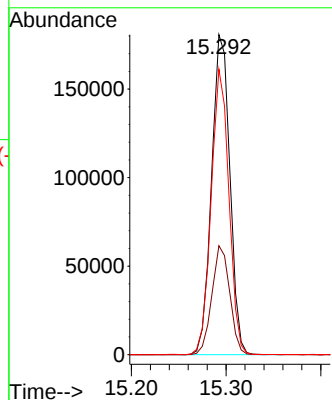
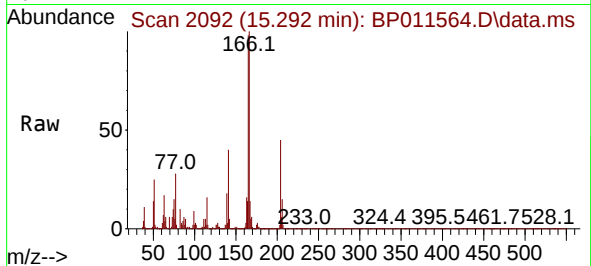




#62
4-Chlorophenyl-phenylether
Concen: 35.155 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

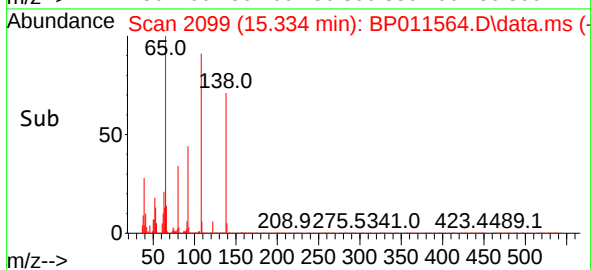
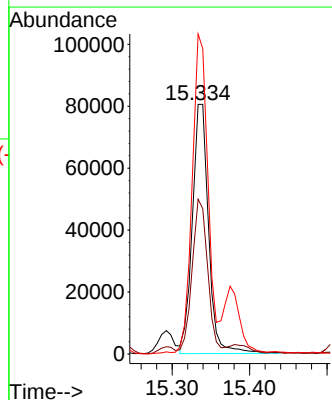
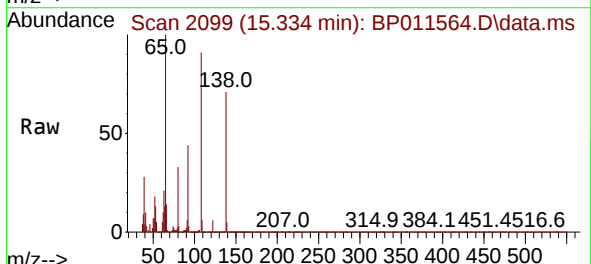
Instrument :
BNA_P
ClientSampleId :

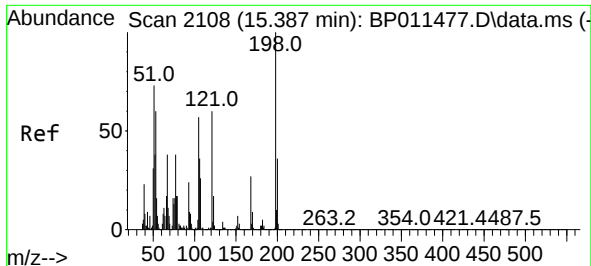
Tgt Ion:204 Resp: 242167
Ion Ratio Lower Upper
204 100
206 34.0 25.4 38.0
141 89.2 66.5 99.7



#63
4-Nitroaniline
Concen: 39.355 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:138 Resp: 117590
Ion Ratio Lower Upper
138 100
92 62.0 49.5 74.3
108 128.2 93.7 140.5

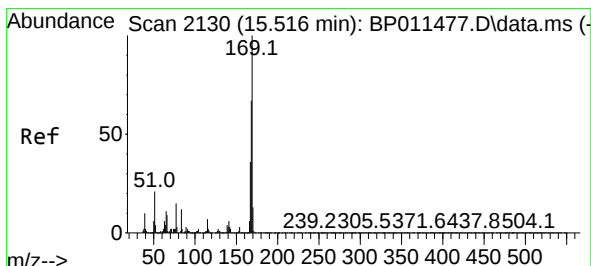
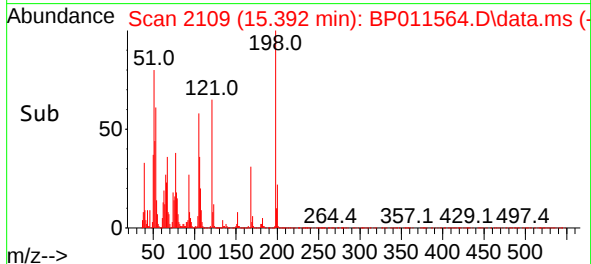
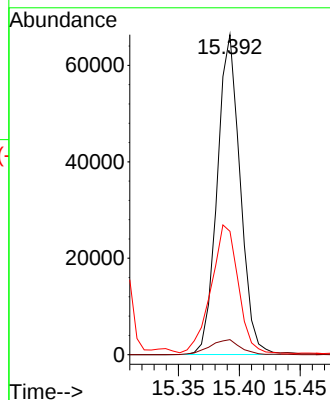
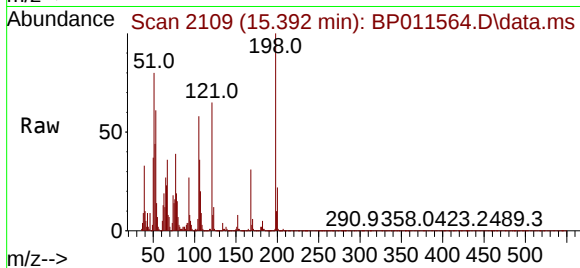




#66
 4,6-Dinitro-2-methylphenol
 Concen: 35.330 ng/ul
 RT: 15.392 min Scan# 2109
 Delta R.T. 0.012 min
 Lab File: BP011564.D
 Acq: 25 Aug 2022 16:07

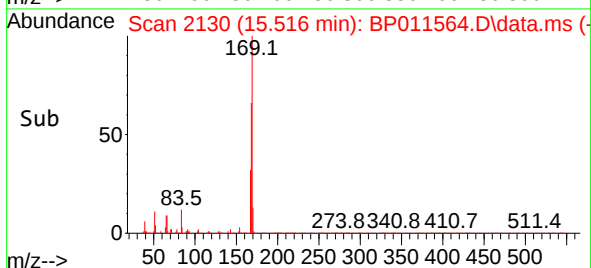
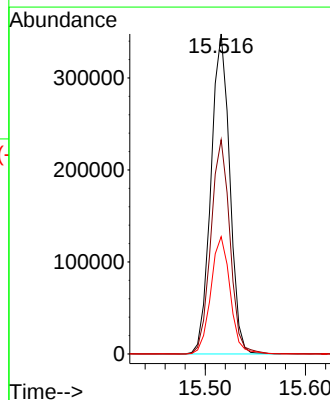
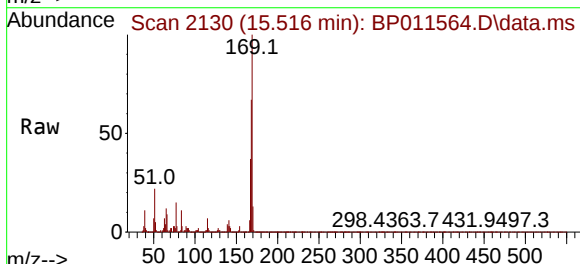
Instrument :
 BNA_P
 ClientSampleId :

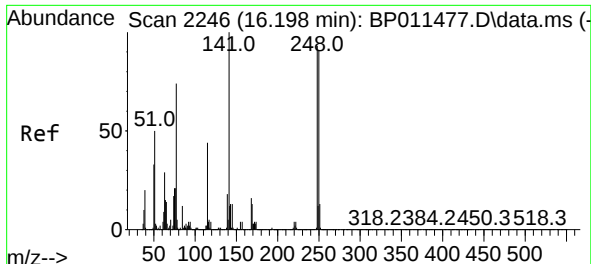
Tgt Ion:198 Resp: 87287
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.9 5.9
 77 38.5 30.1 45.1



#67
 N-Nitrosodiphenylamine
 Concen: 34.944 ng/ul
 RT: 15.516 min Scan# 2130
 Delta R.T. 0.012 min
 Lab File: BP011564.D
 Acq: 25 Aug 2022 16:07

Tgt Ion:169 Resp: 453146
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.6 82.0
 167 36.7 30.2 45.4

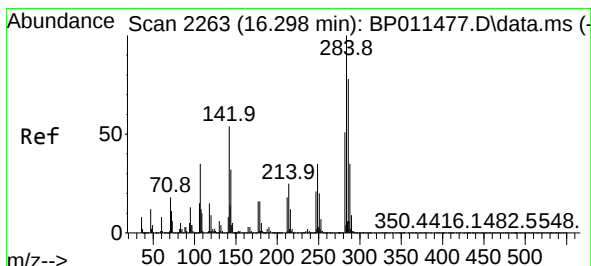
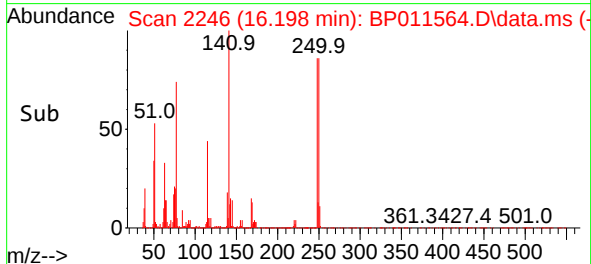
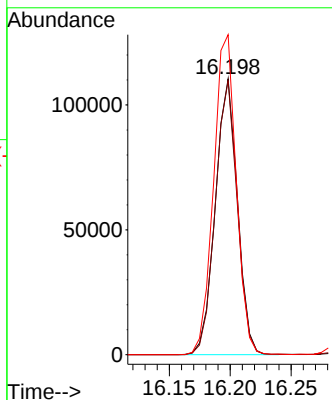
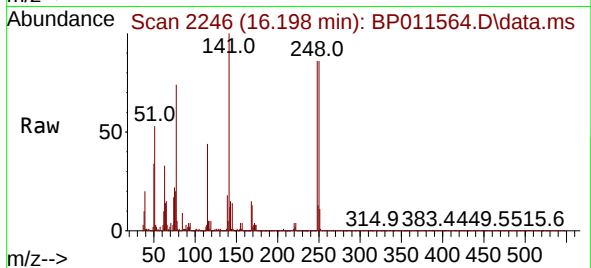




#68
4-Bromophenyl-phenylether
Concen: 35.502 ng/ul
RT: 16.198 min Scan# 2246
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

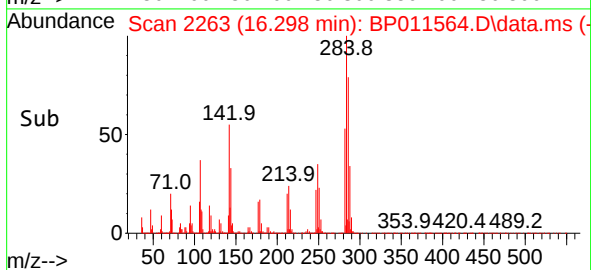
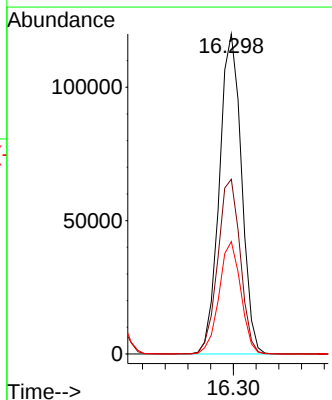
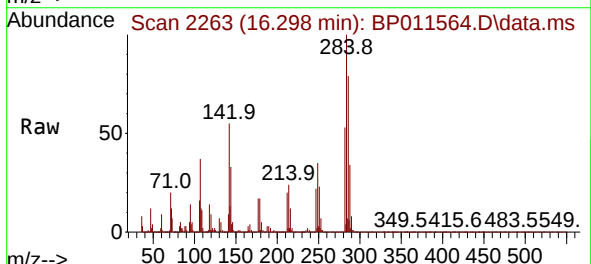
Instrument :
BNA_P
ClientSampleId :

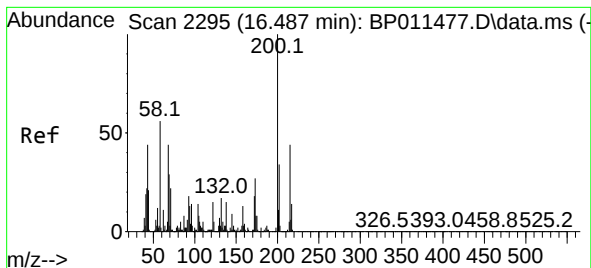
Tgt Ion:248 Resp: 140079
Ion Ratio Lower Upper
248 100
250 99.4 82.8 124.2
141 116.0 90.8 136.2



#69
Hexachlorobenzene
Concen: 35.696 ng/ul
RT: 16.298 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:284 Resp: 162318
Ion Ratio Lower Upper
284 100
142 54.6 43.5 65.3
249 35.1 28.4 42.6





#70

Atrazine

Concen: 6.823 ng/ul

RT: 16.486 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

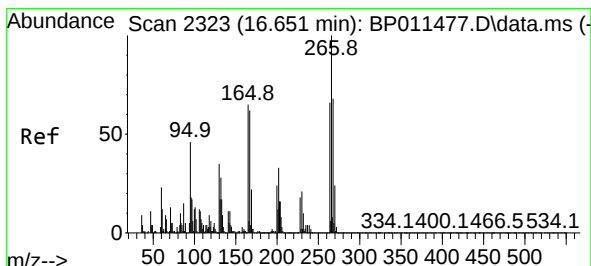
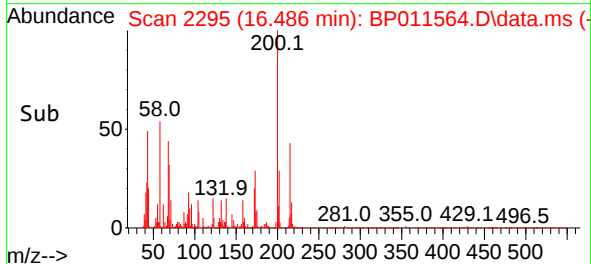
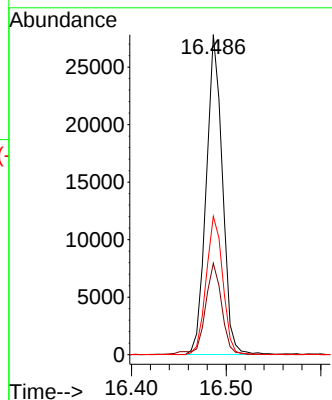
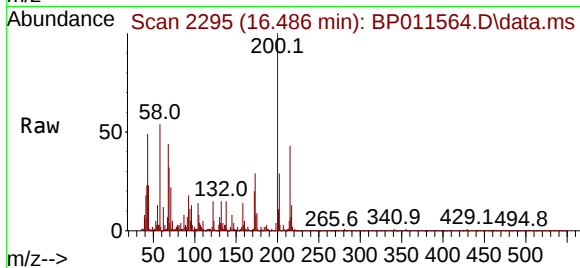
Tgt Ion:200 Resp: 33020

Ion Ratio Lower Upper

200 100

173 28.6 22.0 33.0

215 43.2 36.3 54.5



#71

Pentachlorophenol

Concen: 34.374 ng/ul

RT: 16.651 min Scan# 2323

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

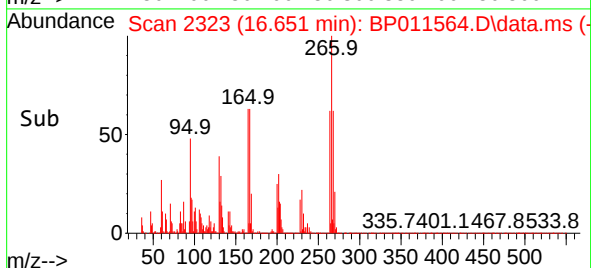
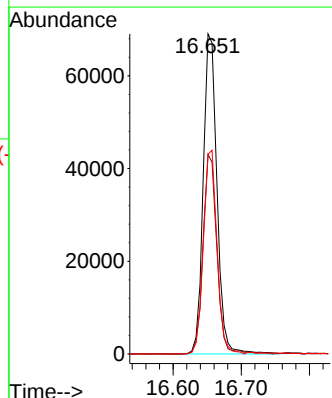
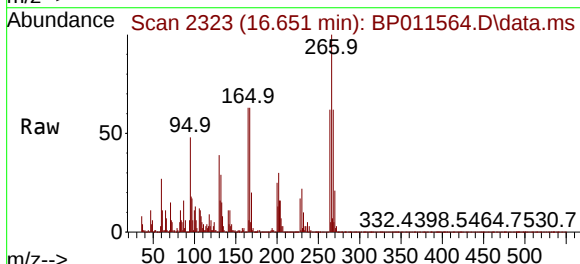
Tgt Ion:266 Resp: 96921

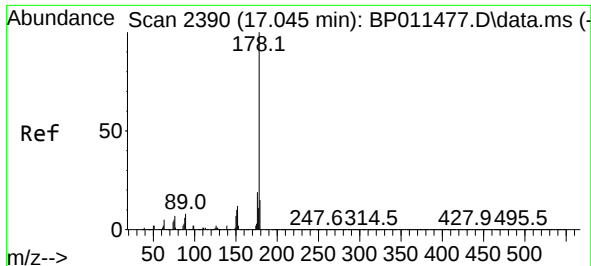
Ion Ratio Lower Upper

266 100

264 62.4 50.6 76.0

268 62.4 51.3 76.9

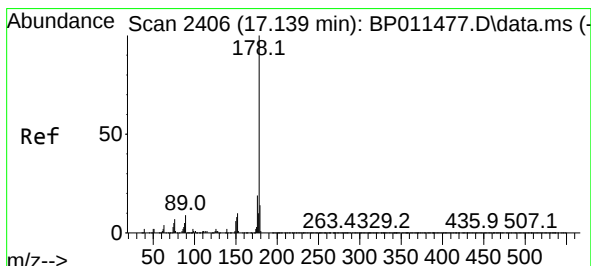
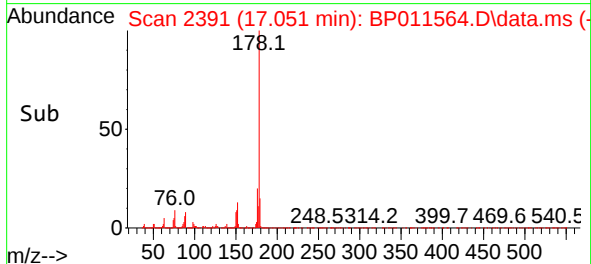
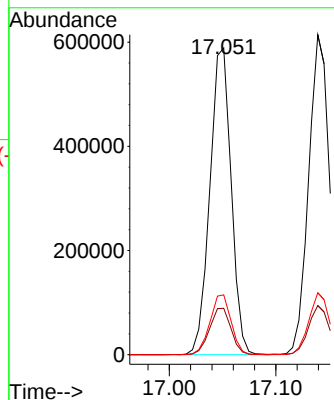
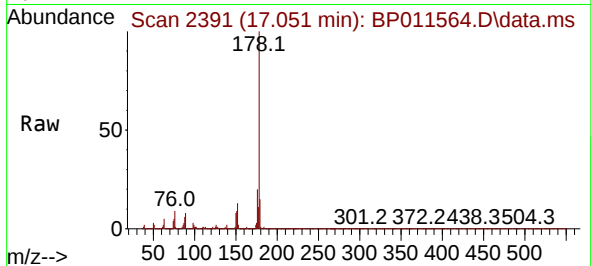




#72
Phenanthrene
Concen: 34.151 ng/ul
RT: 17.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

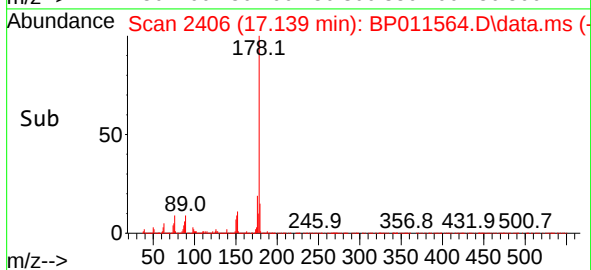
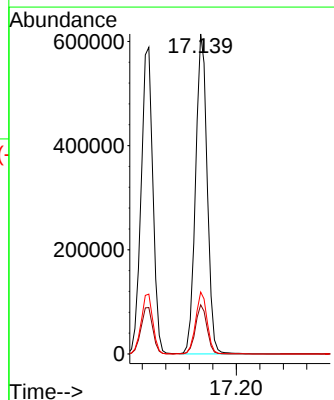
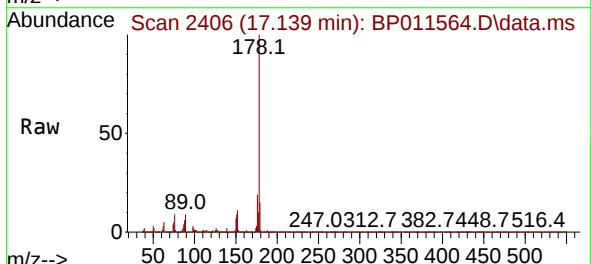
Instrument :
BNA_P
ClientSampleId :

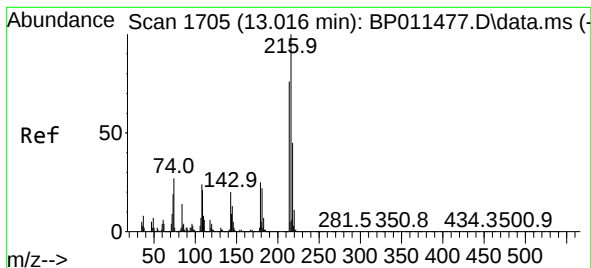
Tgt Ion:178 Resp: 817038
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.5 15.8 23.8



#74
Anthracene
Concen: 34.902 ng/ul
RT: 17.139 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:178 Resp: 842405
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.4 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.416 ng/uL

RT: 13.010 min Scan# 1704

Delta R.T. 0.006 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

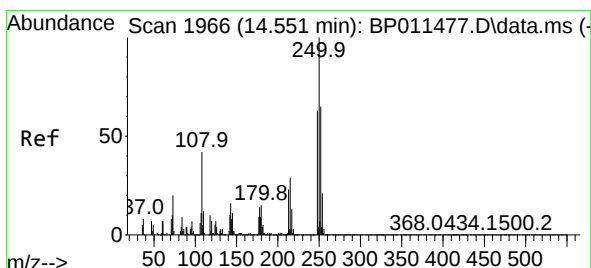
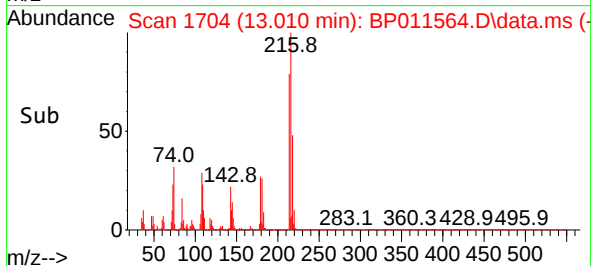
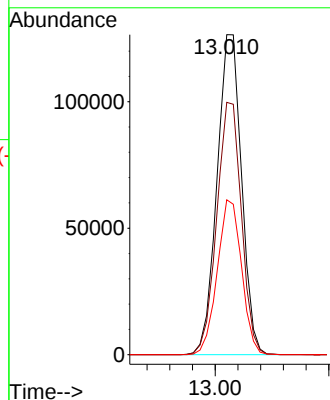
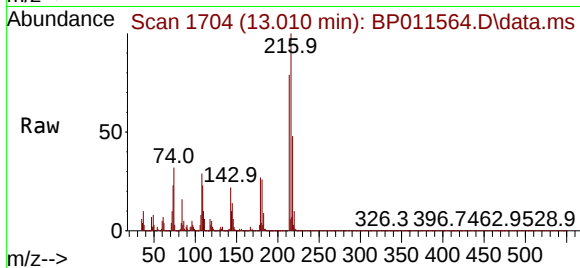
Tgt Ion:216 Resp: 189866

Ion Ratio Lower Upper

216 100

214 78.9 61.8 92.6

218 48.4 37.4 56.0



#76

Pentachlorobenzene

Concen: 34.426 ng/uL

RT: 14.551 min Scan# 1966

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

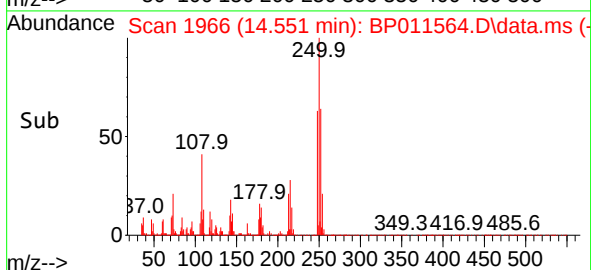
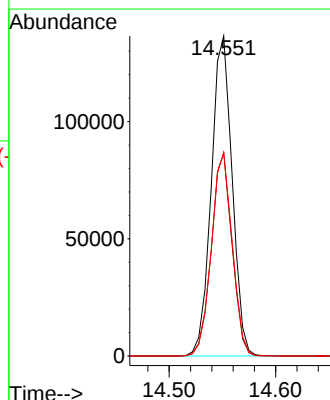
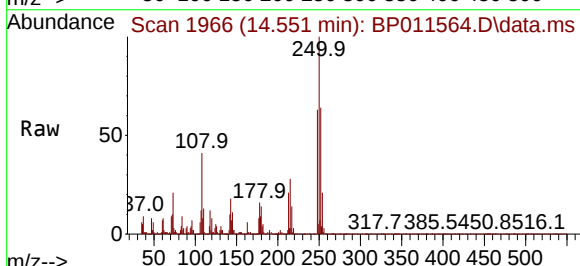
Tgt Ion:250 Resp: 185603

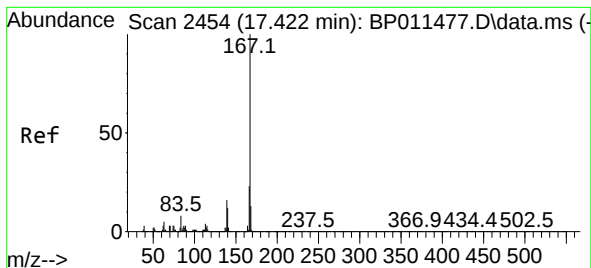
Ion Ratio Lower Upper

250 100

248 63.5 51.7 77.5

252 63.6 50.0 75.0





#77

Carbazole

Concen: 34.268 ng/ul

RT: 17.422 min Scan# 2454

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

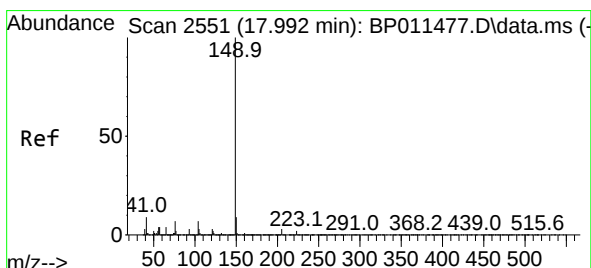
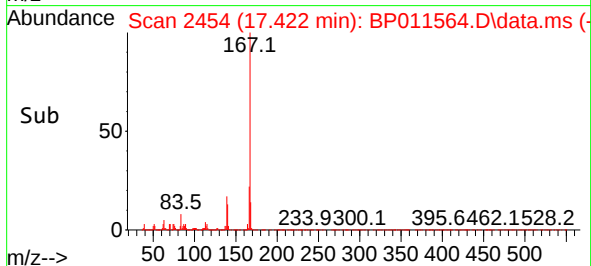
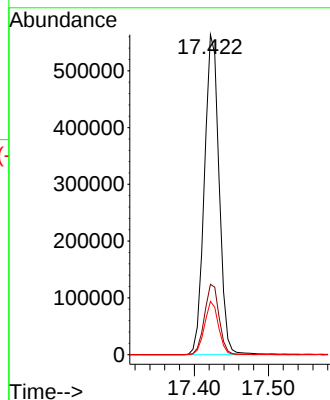
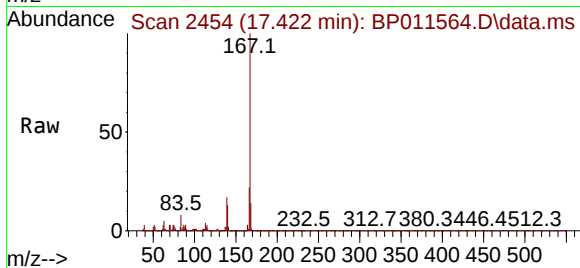
Tgt Ion:167 Resp: 777979

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 16.7 12.1 18.1



#78

Di-n-butylphthalate

Concen: 37.314 ng/ul

RT: 17.998 min Scan# 2552

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

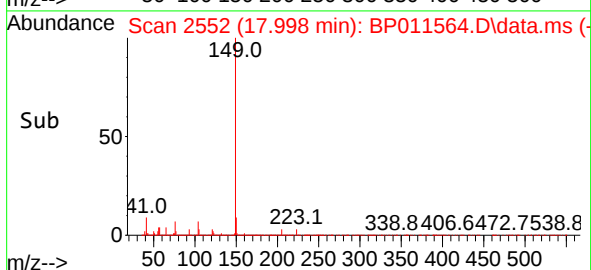
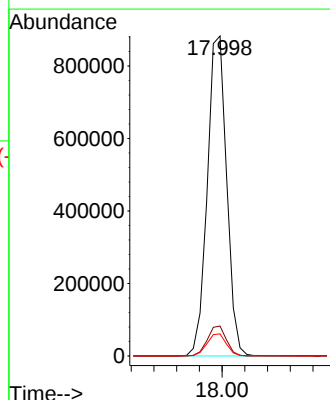
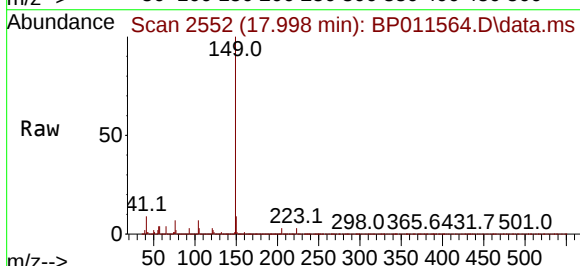
Tgt Ion:149 Resp: 1043197

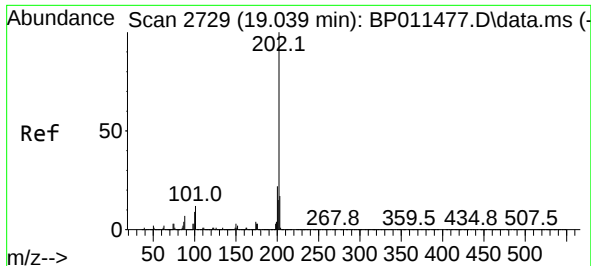
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 6.9 5.5 8.3

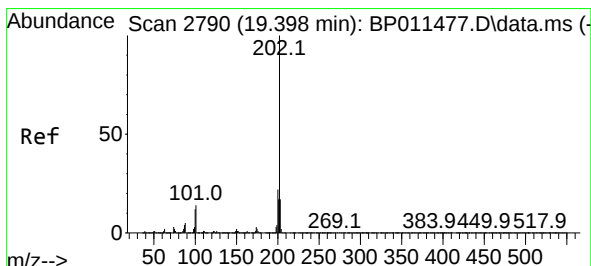
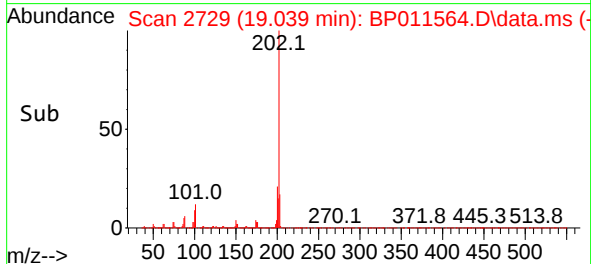
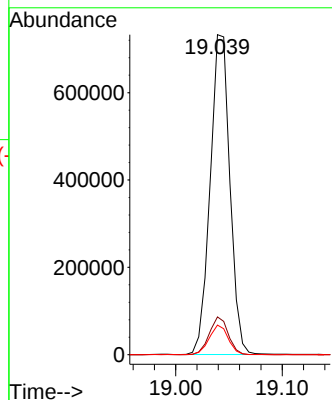
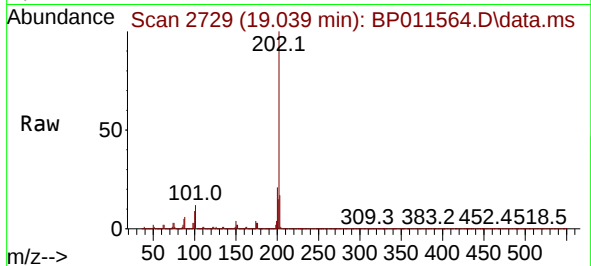




#80
Fluoranthene
Concen: 34.308 ng/u1
RT: 19.039 min Scan# 2729
Delta R.T. 0.006 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

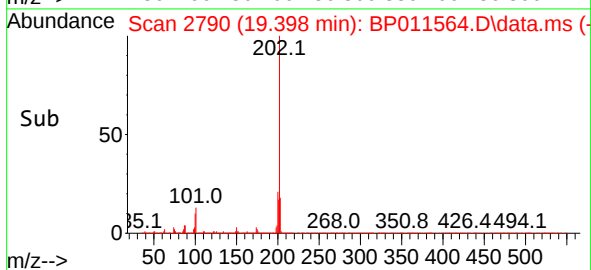
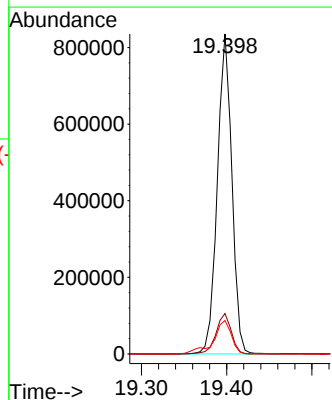
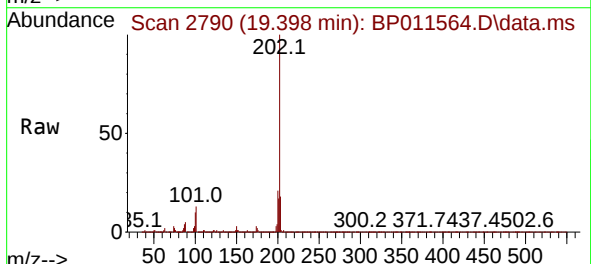
Instrument :
BNA_P
ClientSampleId :

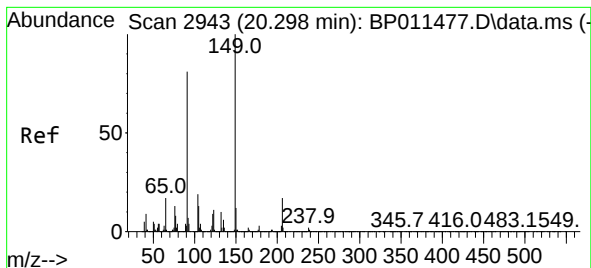
Tgt Ion:202 Resp: 945615
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.2 7.9 11.9



#82
Pyrene
Concen: 34.151 ng/u1
RT: 19.398 min Scan# 2790
Delta R.T. 0.012 min
Lab File: BP011564.D
Acq: 25 Aug 2022 16:07

Tgt Ion:202 Resp: 989047
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.2
100 10.5 9.4 14.0





#83

Butylbenzylphthalate

Concen: 37.683 ng/ul

RT: 20.298 min Scan# 2943

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

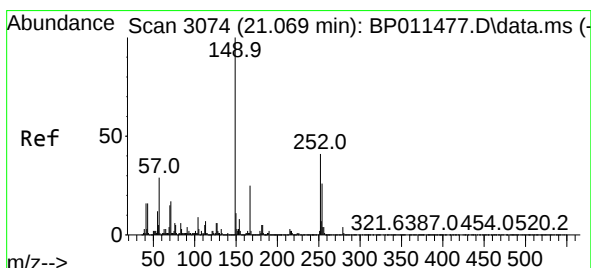
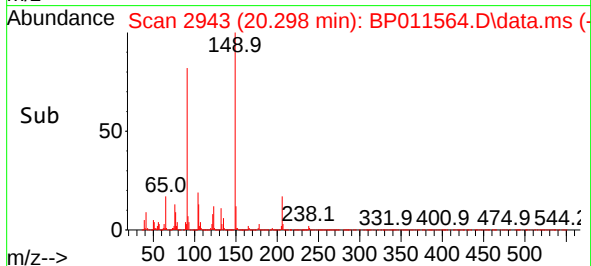
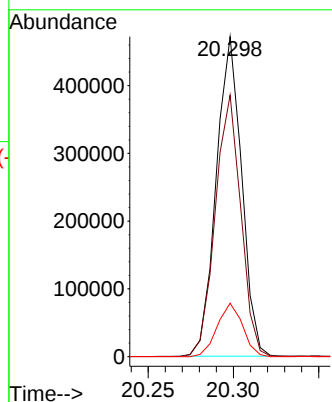
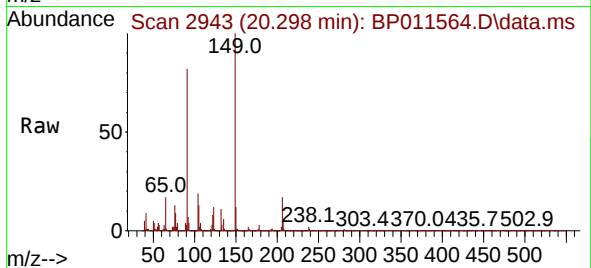
Tgt Ion:149 Resp: 489559

Ion Ratio Lower Upper

149 100

91 81.8 68.5 102.7

206 16.7 12.6 18.8



#84

3,3'-Dichlorobenzidine

Concen: 30.691 ng/ul

RT: 21.063 min Scan# 3073

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

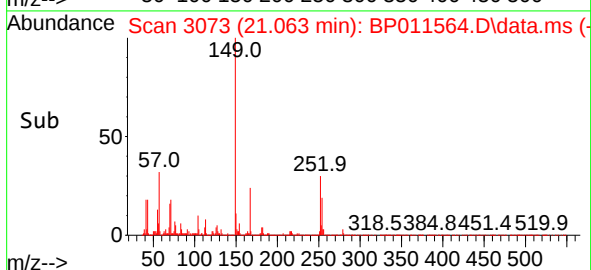
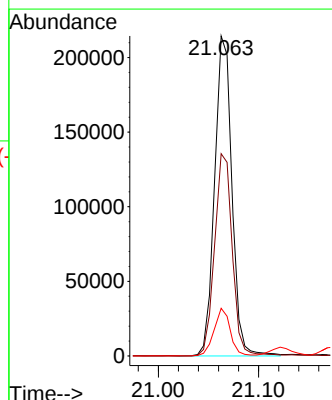
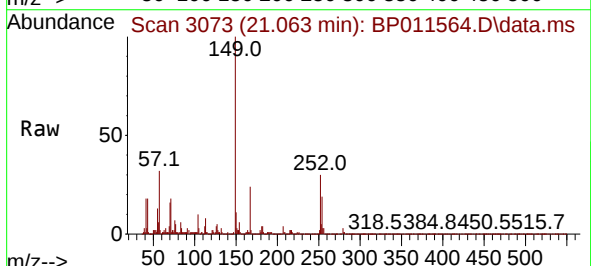
Tgt Ion:252 Resp: 257378

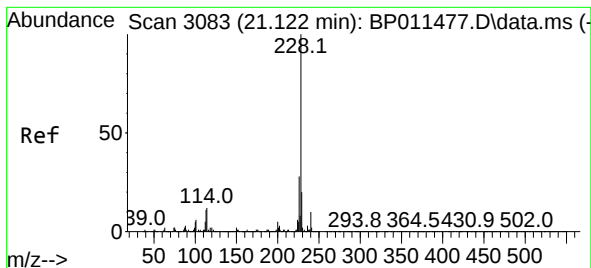
Ion Ratio Lower Upper

252 100

254 63.2 51.2 76.8

126 14.9 12.2 18.2





#85

Benzo(a)anthracene

Concen: 34.896 ng/ul

RT: 21.121 min Scan# 3083

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

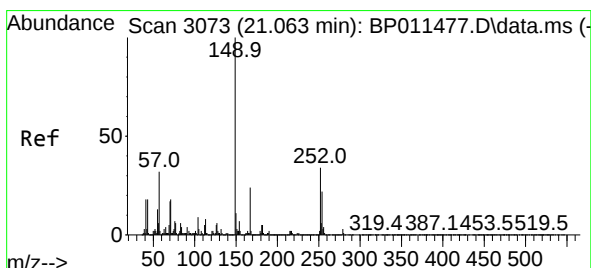
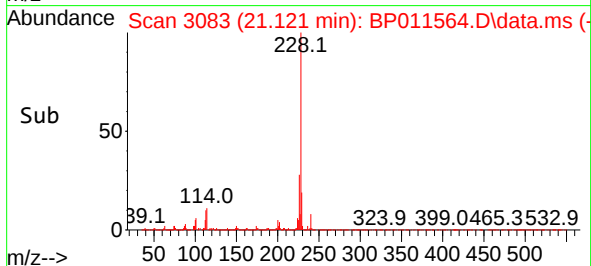
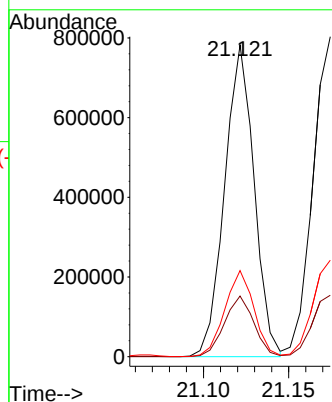
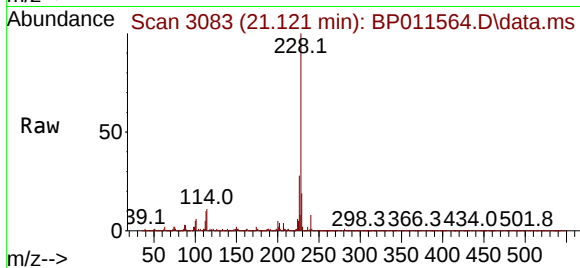
Tgt Ion:228 Resp: 941820

Ion Ratio Lower Upper

228 100

229 19.4 16.0 24.0

226 27.6 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.636 ng/ul

RT: 21.063 min Scan# 3073

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

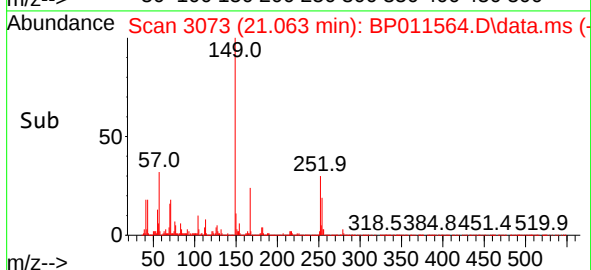
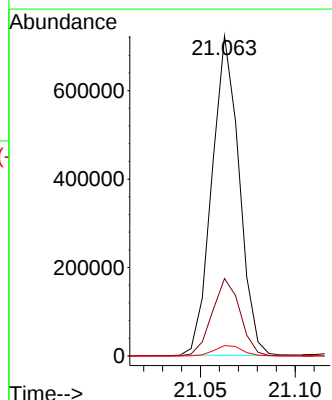
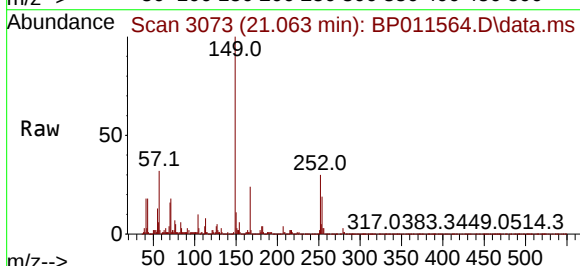
Tgt Ion:149 Resp: 723575

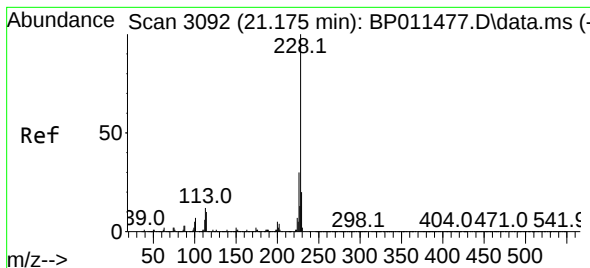
Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.8

279 3.2 2.7 4.1





#87

Chrysene

Concen: 34.880 ng/ul

RT: 21.174 min Scan# 3092

Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

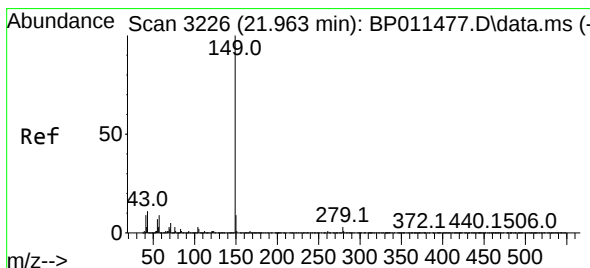
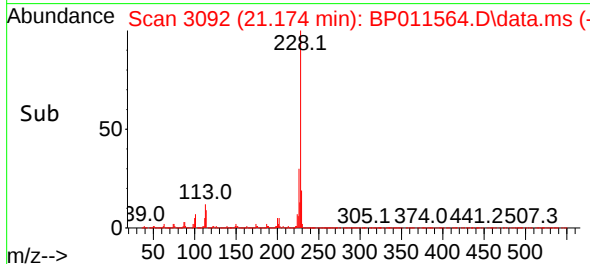
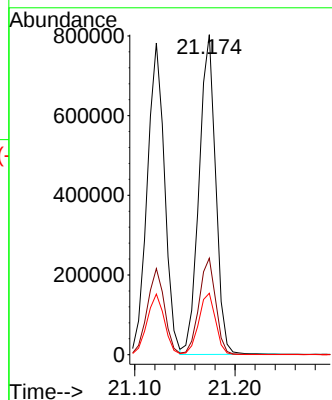
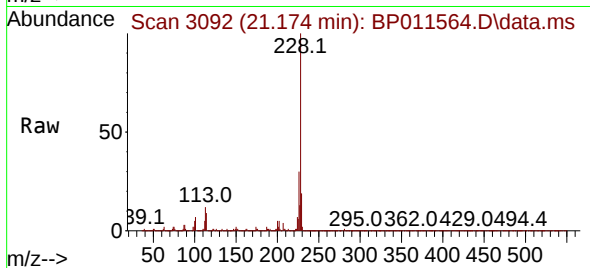
Tgt Ion:228 Resp: 924735

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.2 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 34.908 ng/ul

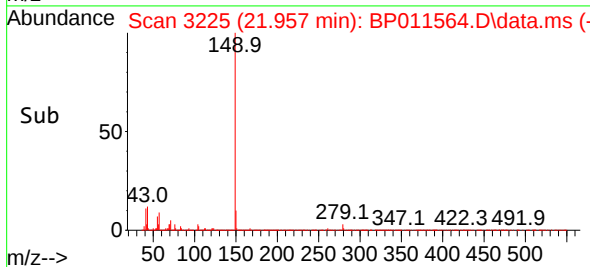
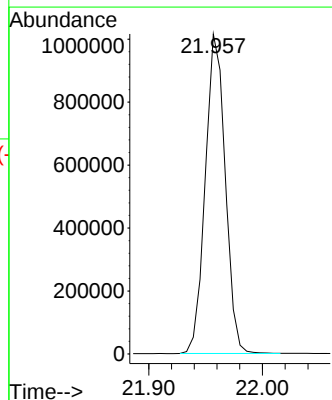
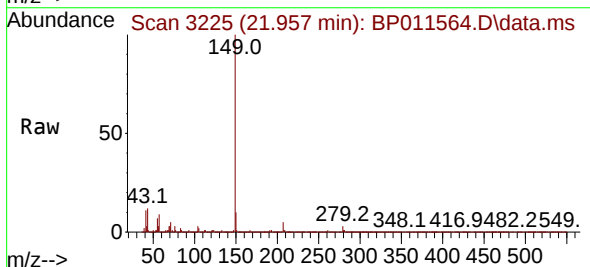
RT: 21.957 min Scan# 3225

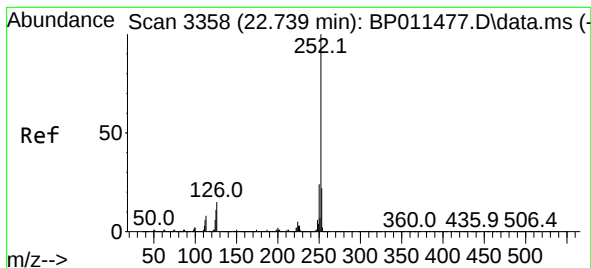
Delta R.T. 0.012 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Tgt Ion:149 Resp: 1237735





#90

Benzo(b)fluoranthene

Concen: 35.141 ng/ul

RT: 22.733 min Scan# 3358

Delta R.T. 0.018 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

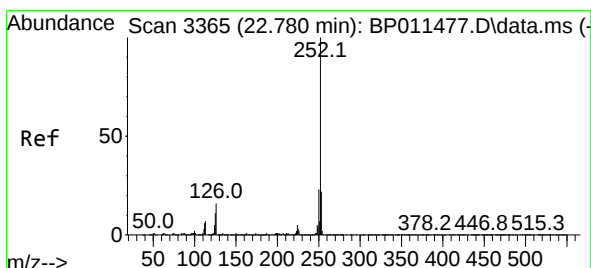
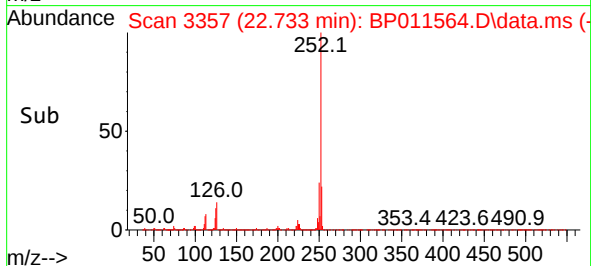
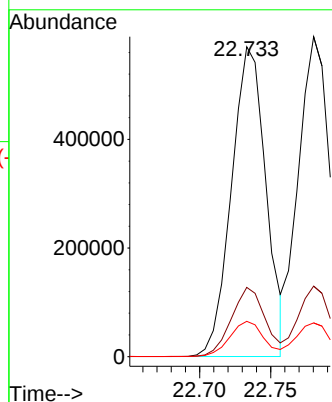
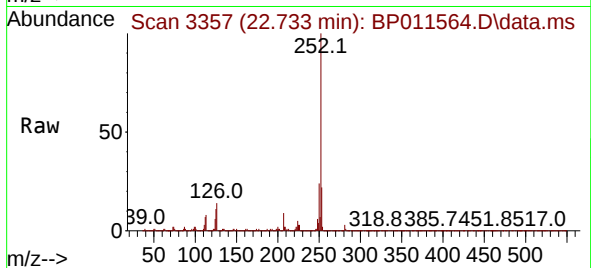
Tgt Ion:252 Resp: 964186

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 11.4 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 35.368 ng/ul

RT: 22.780 min Scan# 3365

Delta R.T. 0.018 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

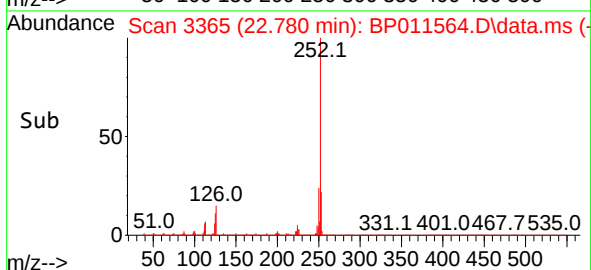
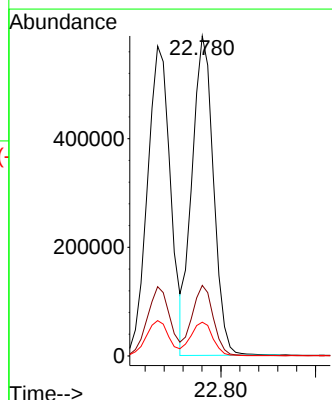
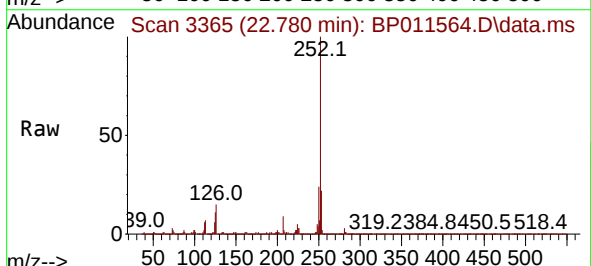
Tgt Ion:252 Resp: 926066

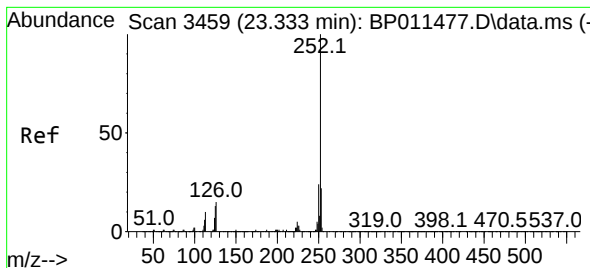
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 10.6 9.8 14.8





#93

Benzo(a)pyrene

Concen: 35.363 ng/ul

RT: 23.333 min Scan# 3459

Delta R.T. 0.024 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

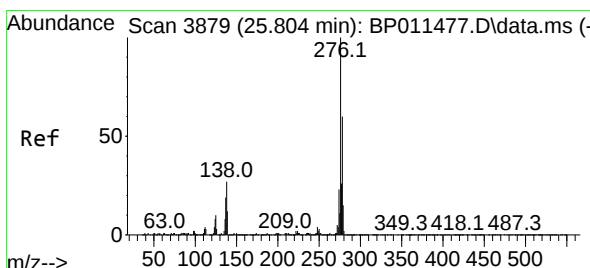
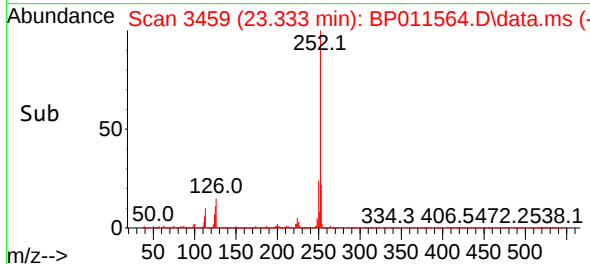
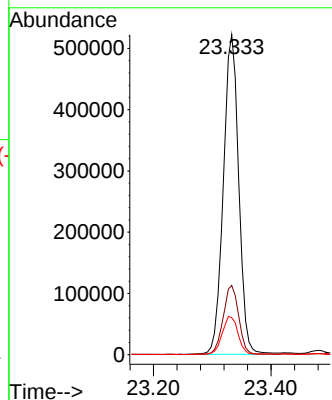
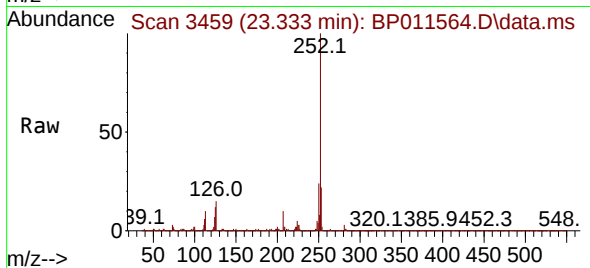
Tgt Ion:252 Resp: 947291

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

125 11.5 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.543 ng/ul

RT: 25.804 min Scan# 3879

Delta R.T. 0.029 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

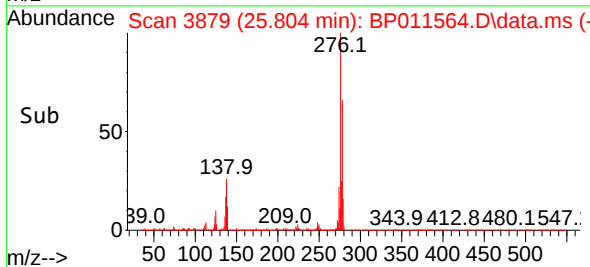
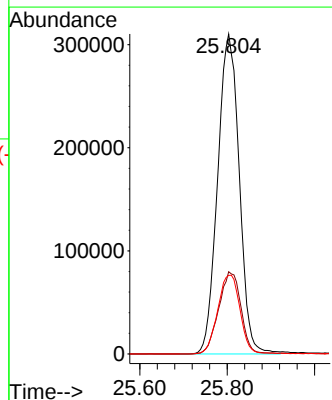
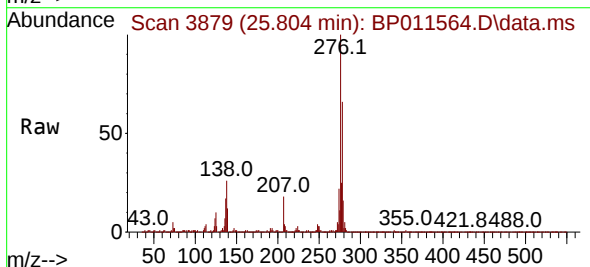
Tgt Ion:276 Resp: 1061993

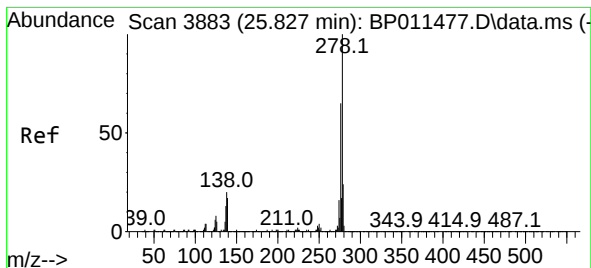
Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.4

277 24.6 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 35.281 ng/ul

RT: 25.821 min Scan# 3883

Delta R.T. 0.029 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Instrument :

BNA_P

ClientSampleId :

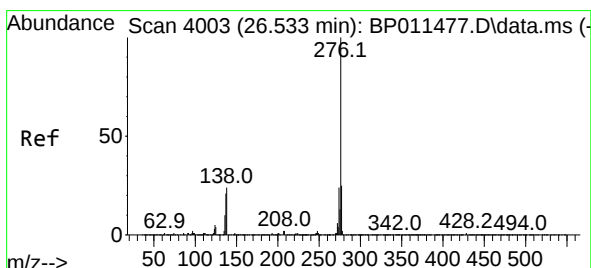
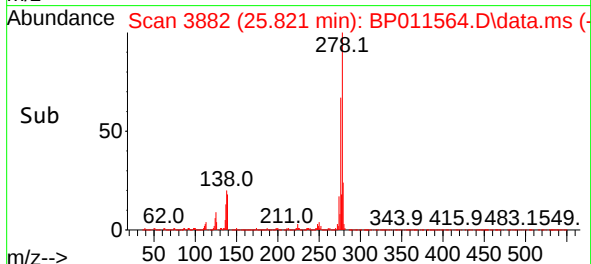
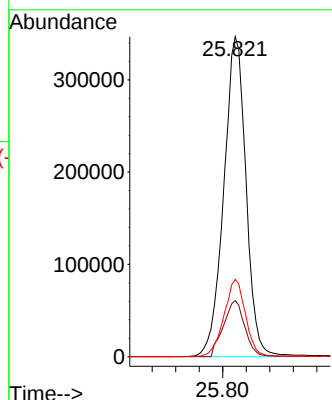
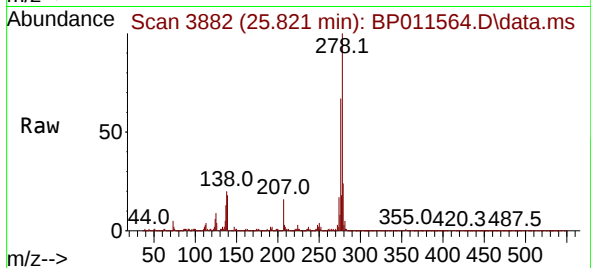
Tgt Ion:278 Resp: 907699

Ion Ratio Lower Upper

278 100

139 17.6 15.4 23.0

279 24.2 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 31.747 ng/ul

RT: 26.527 min Scan# 4002

Delta R.T. 0.041 min

Lab File: BP011564.D

Acq: 25 Aug 2022 16:07

Tgt Ion:276 Resp: 806888

Ion Ratio Lower Upper

276 100

138 23.3 19.4 29.2

277 24.0 19.1 28.7

