

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011501.D
 Acq On : 19 Aug 2022 10:40
 Operator : CG/JU
 Sample : PB147110BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 20 04:33:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	69351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	291496	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.228	164	166809	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	330275	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	344735	20.000	ng/u1	0.00
88) Perylene-d12	23.421	264	368139	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	14830	6.636	ng/uL	0.00
4) Pyridine-d5	3.475	84	172230	30.101	ng/u1	0.00
7) Phenol-d5	6.740	99	199790	31.349	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	133853	32.328	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	168270	35.899	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	163519	32.056	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	78209	37.268	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.434	143	81320	38.075	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	137352	34.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	293494	44.722	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	412320	34.948	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	497674	37.953	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	77979	34.305	ng/u1	0.00
60) Fluorene-d10	15.228	176	348775	35.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	65355	36.621	ng/u1	0.00
73) Anthracene-d10	17.098	188	520263	35.568	ng/u1	0.00
81) Pyrene-d10	19.363	212	600049	34.403	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.274	264	656769	36.675	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	29773	12.777	ng/uL	99
5) Pyridine	3.493	79	169280	29.640	ng/u1	96
6) Benzaldehyde	6.710	77	115750	39.576	ng/u1	98
8) Phenol	6.769	94	199502	30.462	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.993	93	155497	30.437	ng/u1	99
12) 2-Chlorophenol	7.116	128	162356	32.189	ng/u1	96
13) 2-Methylphenol	8.010	108	143621	29.768	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.081	45	110375	14.584	ng/u1	99
16) Acetophenone	8.387	105	250575	29.529	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.375	70	127476	30.201	ng/u1	96
18) 4-Methylphenol	8.340	108	157976	29.575	ng/u1	96
19) Hexachloroethane	8.616	117	77292	33.783	ng/u1	99
22) Nitrobenzene	8.757	77	206587	34.924	ng/u1	99
23) Isophorone	9.287	82	334571	32.222	ng/u1	99
25) 2-Nitrophenol	9.469	139	84877	34.831	ng/u1	98
26) 2,4-Dimethylphenol	9.534	107	181393	31.351	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.775	93	202735	32.302	ng/u1	99
29) 2,4-Dichlorophenol	9.999	162	133894	33.186	ng/u1	97
30) Naphthalene	10.393	128	501364	32.575	ng/u1	99
32) 4-Chloroaniline	10.516	127	157018	23.093	ng/u1	97
33) Hexachlorobutadiene	10.669	225	88020	34.269	ng/u1	100
34) Caprolactam	11.316	113	28635	19.574	ng/u1	95
35) 4-Chloro-3-methylphenol	11.657	107	164305	32.210	ng/u1	100
36) 2-Methylnaphthalene	12.016	142	316581	31.615	ng/u1	99

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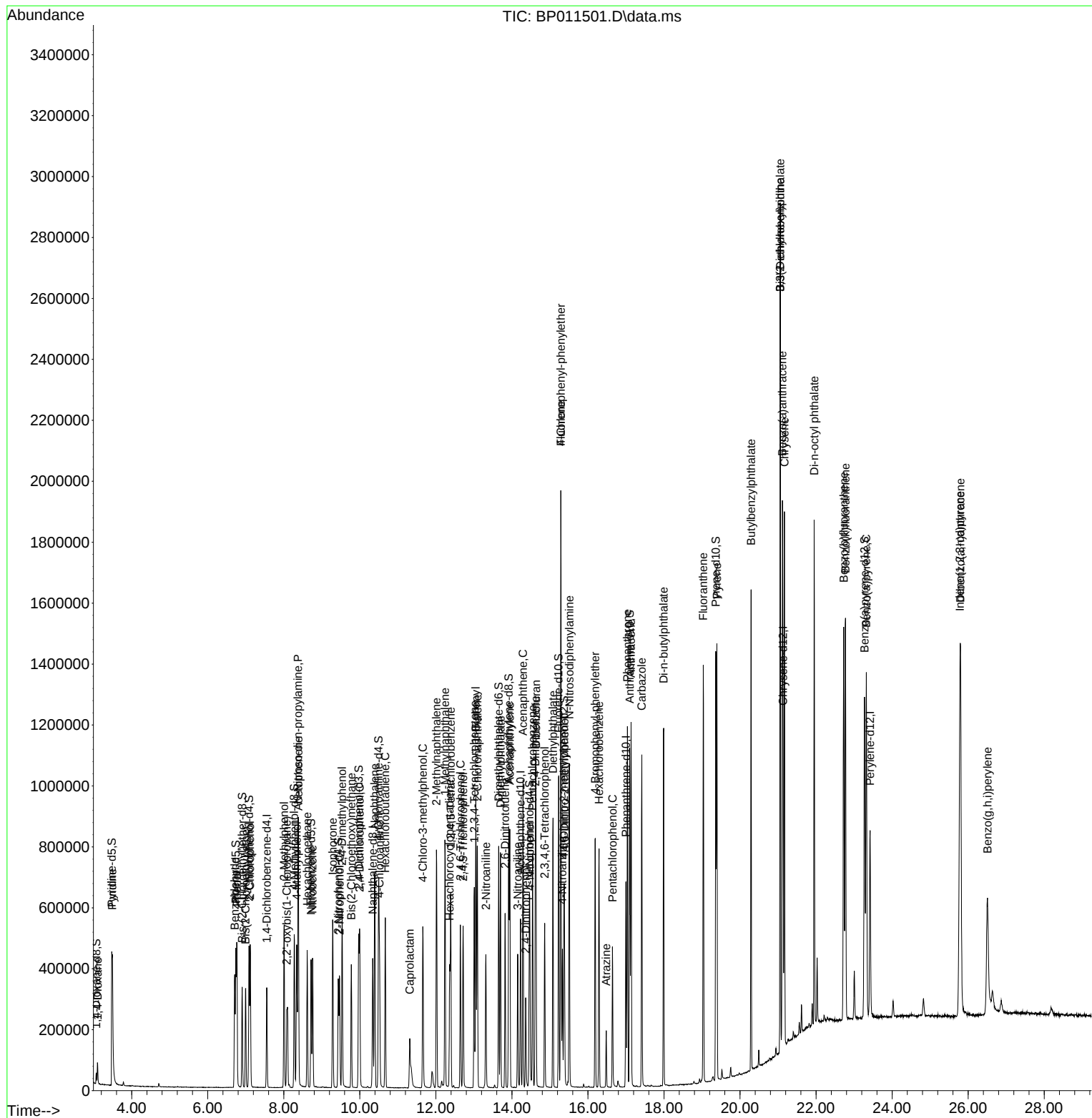
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	321008	31.607	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.393	216	144630	34.160	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	80385	30.604	ng/ul	98
41) 2,4,6-Trichlorophenol	12.645	196	87424	32.083	ng/ul	95
42) 2,4,5-Trichlorophenol	12.716	196	97985	32.302	ng/ul	98
43) 1,1'-Biphenyl	13.051	154	407762	32.807	ng/ul	99
44) 2-Chloronaphthalene	13.092	162	314628	33.592	ng/ul	99
45) 2-Nitroaniline	13.316	65	115137	36.018	ng/ul	98
47) Dimethylphthalate	13.698	163	402432	33.003	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	77950	35.556	ng/ul	96
50) Acenaphthylene	13.945	152	505629	32.458	ng/ul	100
51) 3-Nitroaniline	14.151	138	83376	34.915	ng/ul	96
52) Acenaphthene	14.292	153	351974	33.733	ng/ul	100
53) 2,4-Dinitrophenol	14.363	184	42157	31.418	ng/ul	99
55) 4-Nitrophenol	14.475	109	89023	32.869	ng/ul	91
56) Dibenzofuran	14.634	168	462746	32.161	ng/ul	100
57) 2,4-Dinitrotoluene	14.616	165	118449	36.091	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.863	232	71879	30.182	ng/ul	99
59) Diethylphthalate	15.081	149	442963	33.166	ng/ul	98
61) Fluorene	15.286	166	394709	33.532	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.286	204	176696	33.228	ng/ul	97
63) 4-Nitroaniline	15.328	138	79998	34.682	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.381	198	63709	34.511	ng/ul	91
67) N-Nitrosodiphenylamine	15.510	169	324961	33.537	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	103622	35.146	ng/ul	96
69) Hexachlorobenzene	16.292	284	116269	34.219	ng/ul	99
70) Atrazine	16.481	200	25460	7.041	ng/ul	92
71) Pentachlorophenol	16.645	266	53652	25.466	ng/ul	99
72) Phenanthrene	17.039	178	603066	33.735	ng/ul	98
74) Anthracene	17.133	178	610329	33.841	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	148673	35.018	ng/uL	99
76) Pentachlorobenzene	14.545	250	137593	34.154	ng/uL	98
77) Carbazole	17.416	167	574529	33.868	ng/ul	99
78) Di-n-butylphthalate	17.992	149	749462	35.877	ng/ul	99
80) Fluoranthene	19.033	202	689341	32.138	ng/ul	99
82) Pyrene	19.392	202	728442	32.321	ng/ul	98
83) Butylbenzylphthalate	20.292	149	362781	35.883	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.057	252	205454	31.482	ng/ul	100
85) Benzo(a)anthracene	21.116	228	724117	34.477	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.057	149	543582	36.332	ng/ul	99
87) Chrysene	21.169	228	697519	33.808	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	957389	32.352	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	807881	35.279	ng/ul	99
91) Benzo(k)fluoranthene	22.774	252	771535	35.305	ng/ul	98
93) Benzo(a)pyrene	23.321	252	708887	31.707	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.786	276	904032	36.253	ng/ul	98
95) Dibenzo(a,h)anthracene	25.798	278	766835	35.713	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	576106	27.159	ng/ul	99

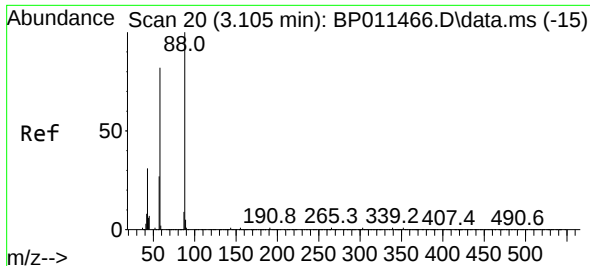
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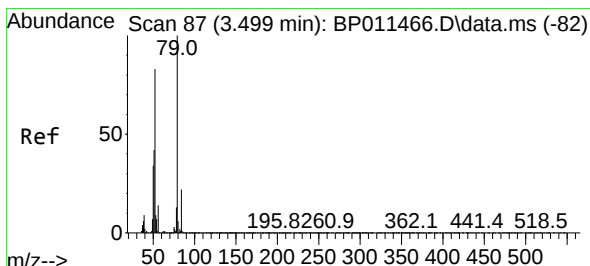
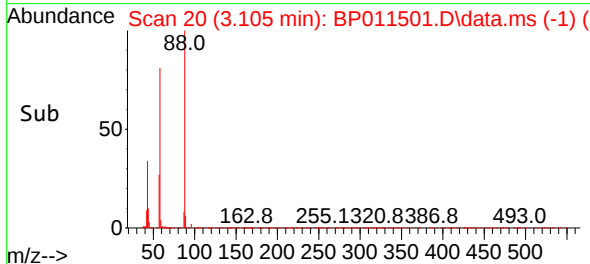
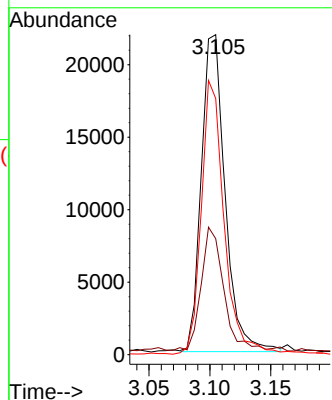
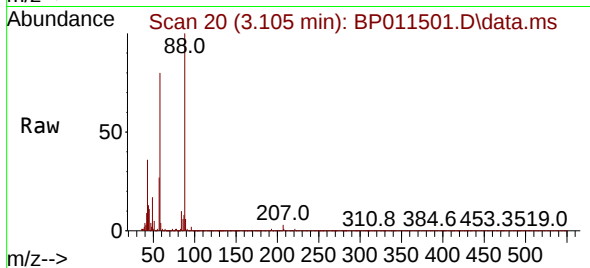


#2
 1,4-Dioxane
 Concen: 12.777 ng/uL
 RT: 3.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BP011501.D
 Acq: 19 Aug 2022 10:40

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 88 Resp: 29773

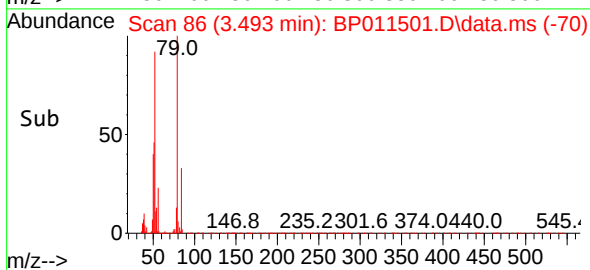
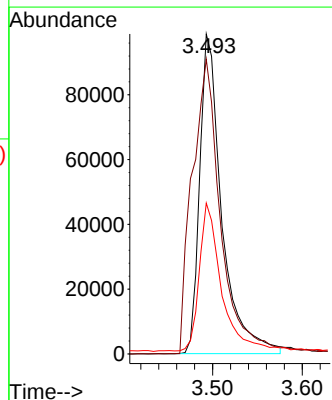
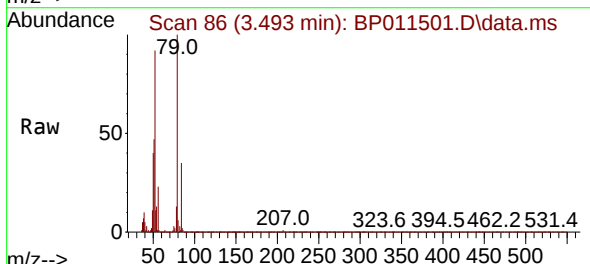
Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.0	43.4
58	80.0	64.7	97.1

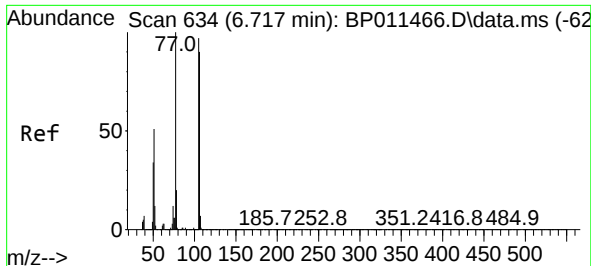


#5
 Pyridine
 Concen: 29.640 ng/uL
 RT: 3.493 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: BP011501.D
 Acq: 19 Aug 2022 10:40

Tgt Ion: 79 Resp: 169280

Ion	Ratio	Lower	Upper
79	100		
52	92.1	70.2	105.2
51	47.2	36.1	54.1

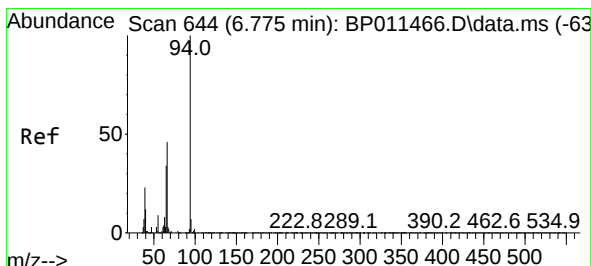
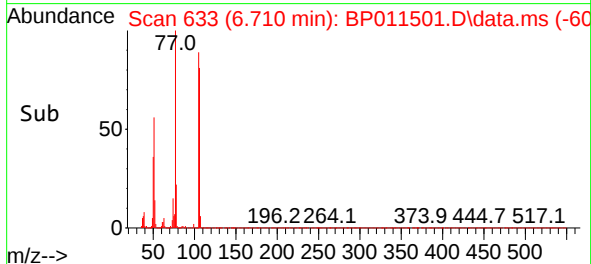
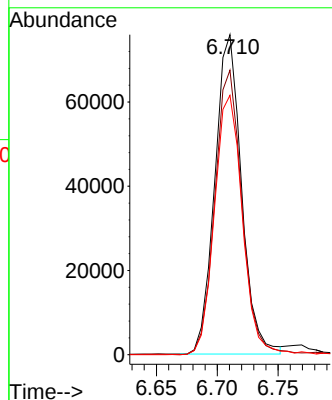
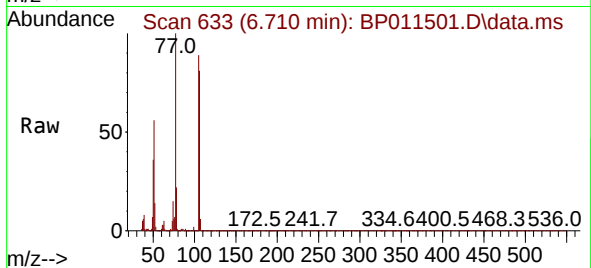




#6
Benzaldehyde
Concen: 39.576 ng/ul
RT: 6.710 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

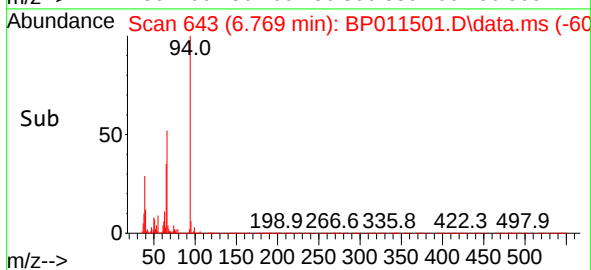
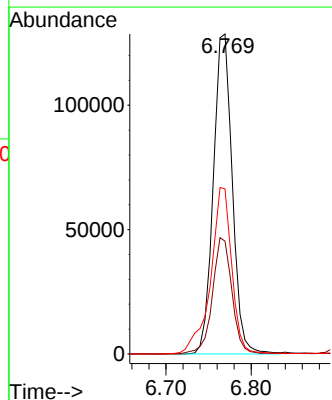
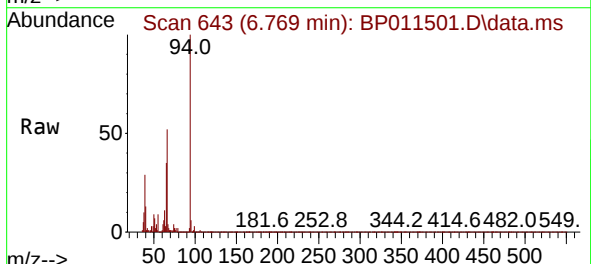
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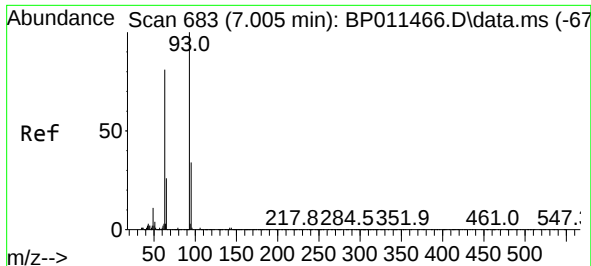
Tgt Ion: 77 Resp: 115750
Ion Ratio Lower Upper
77 100
105 88.9 72.0 108.0
106 81.1 67.4 101.0



#8
Phenol
Concen: 30.462 ng/ul
RT: 6.769 min Scan# 643
Delta R.T. -0.000 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

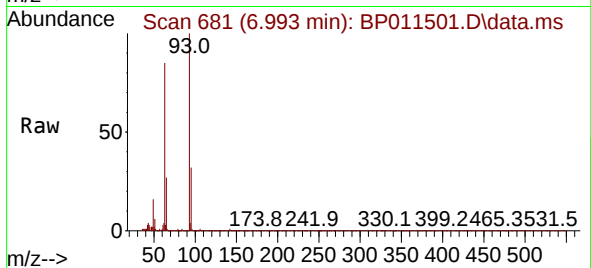
Tgt Ion: 94 Resp: 199502
Ion Ratio Lower Upper
94 100
65 35.2 28.9 43.3
66 51.6 39.4 59.0



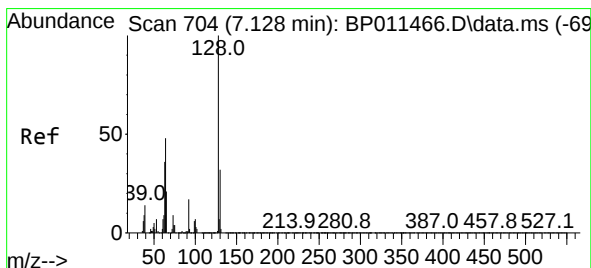
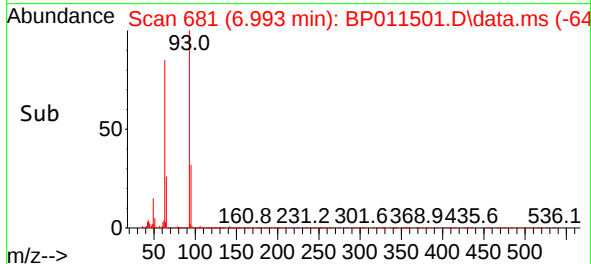
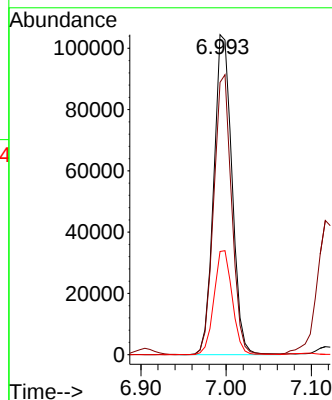


#10
Bis(2-Chloroethyl)ether
Concen: 30.437 ng/ul
RT: 6.993 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Instrument :
BNA_P
ClientSampleId :

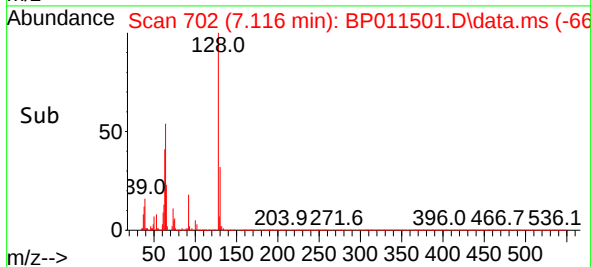
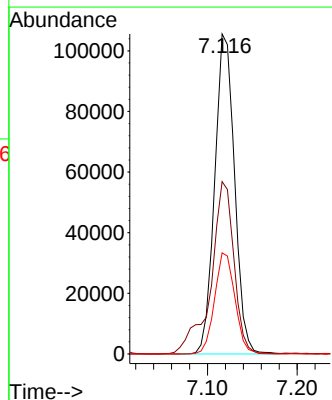
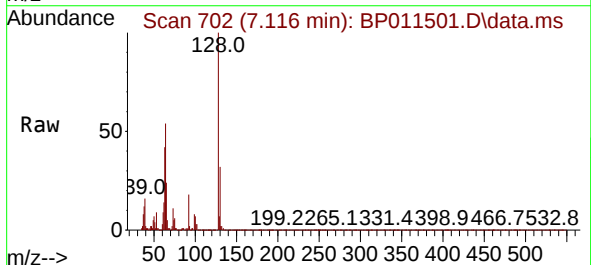


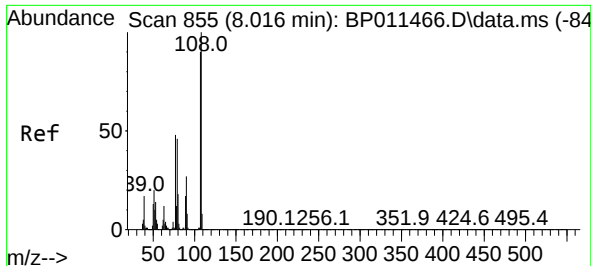
Tgt Ion: 93 Resp: 155497
Ion Ratio Lower Upper
93 100
63 85.1 67.8 101.6
95 32.3 25.0 37.6



#12
2-Chlorophenol
Concen: 32.189 ng/ul
RT: 7.116 min Scan# 702
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:128 Resp: 162356
Ion Ratio Lower Upper
128 100
64 53.8 40.2 60.2
130 31.6 24.6 37.0

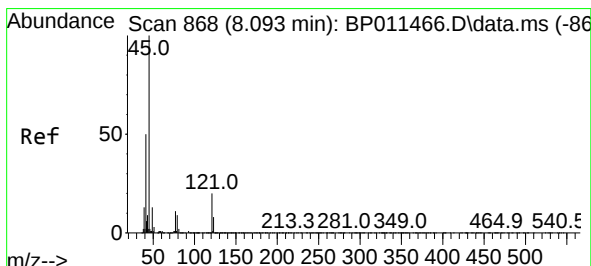
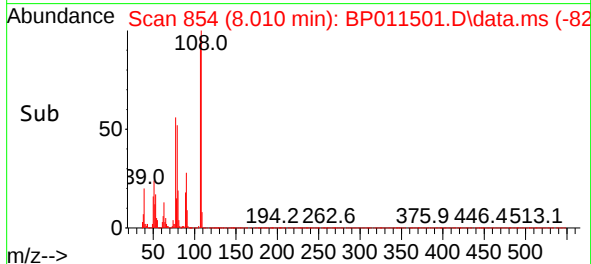
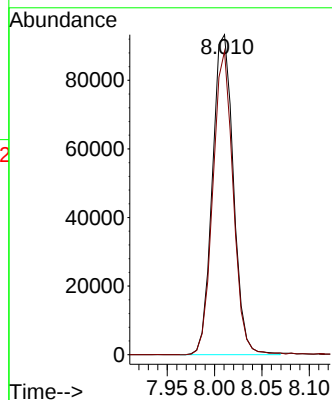
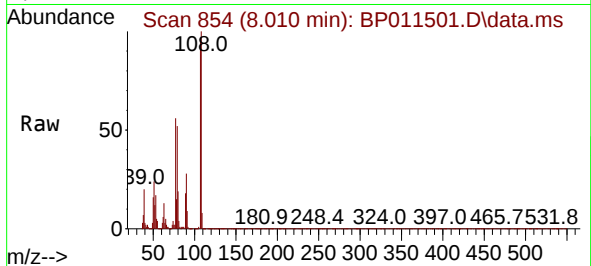




#13
2-Methylphenol
Concen: 29.768 ng/ul
RT: 8.010 min Scan# 855
Delta R.T. -0.006 min
Lab File: BP011501.D
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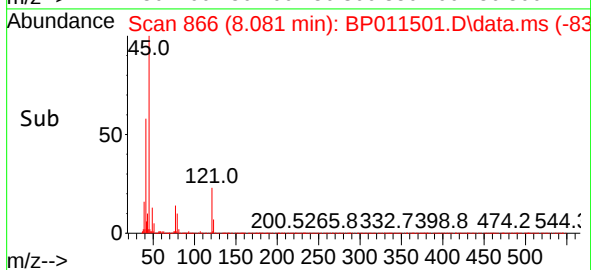
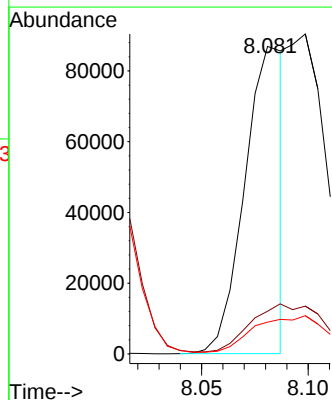
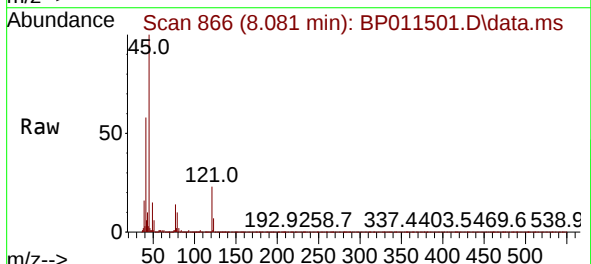
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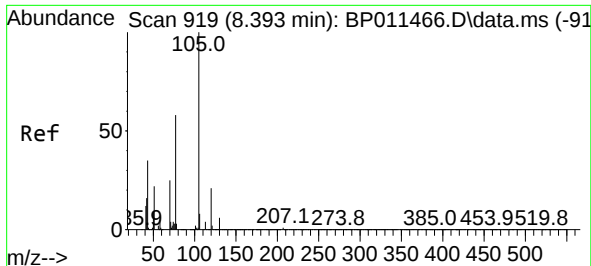
Tgt Ion:108 Resp: 143621
Ion Ratio Lower Upper
108 100
107 94.8 73.2 109.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.584 ng/ul
RT: 8.081 min Scan# 866
Delta R.T. -0.024 min
Lab File: BP011501.D
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Tgt Ion: 45 Resp: 110375
Ion Ratio Lower Upper
45 100
77 13.9 11.4 17.0
79 10.3 8.6 13.0

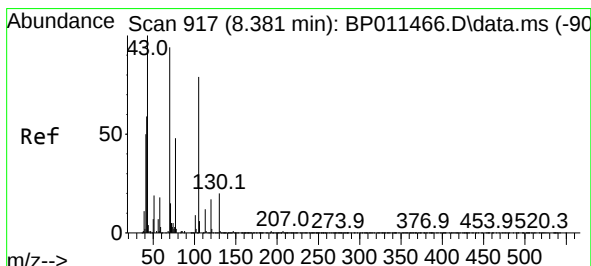
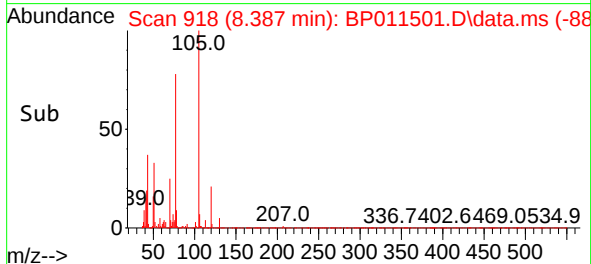
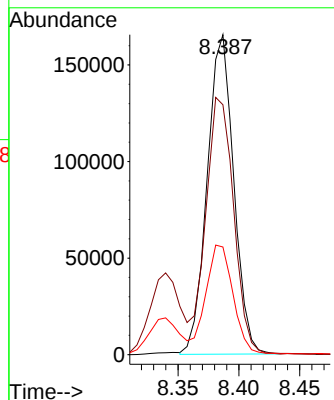
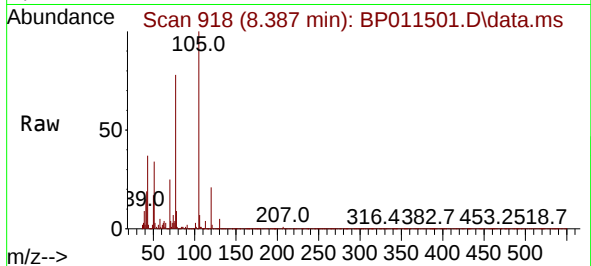




#16
Acetophenone
Concen: 29.529 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
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Acq: 19 Aug 2022 10:40

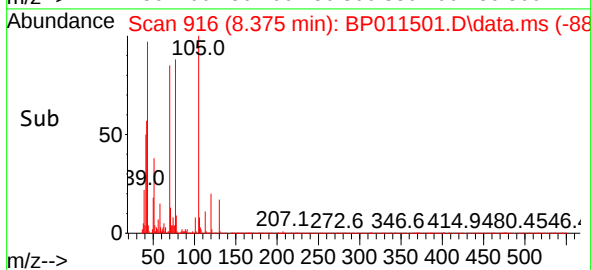
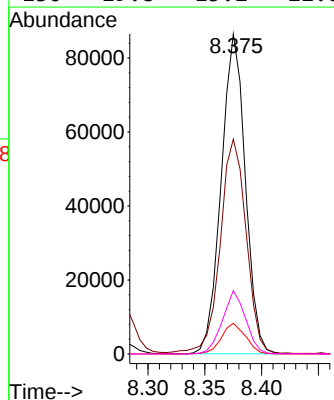
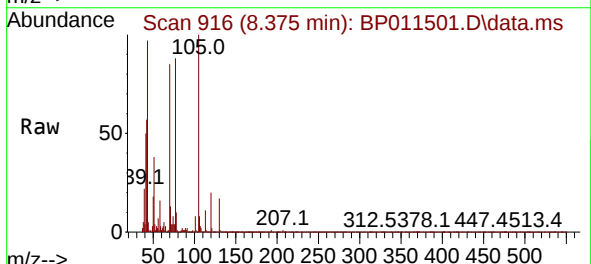
Instrument :
BNA_P
ClientSampleId :

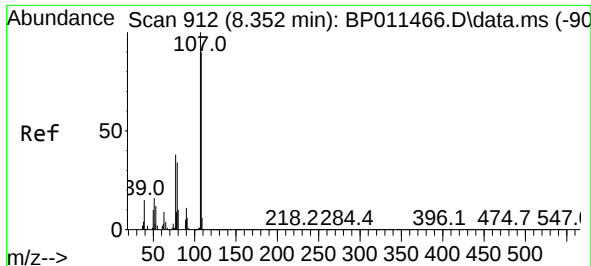
Tgt Ion:105 Resp: 250575
Ion Ratio Lower Upper
105 100
77 78.1 66.4 99.6
51 33.7 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 30.201 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion: 70 Resp: 127476
Ion Ratio Lower Upper
70 100
42 67.1 57.0 85.4
101 9.6 7.6 11.4
130 19.8 15.2 22.8

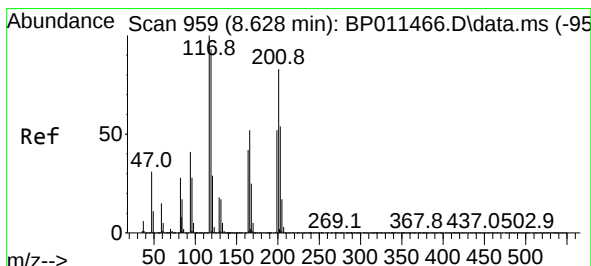
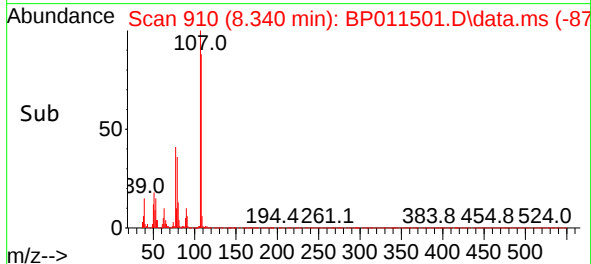
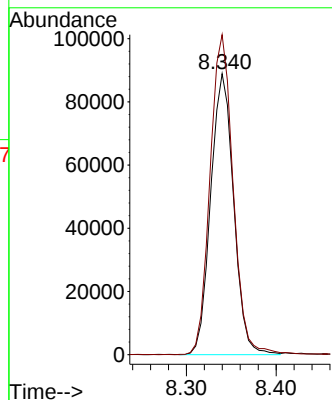
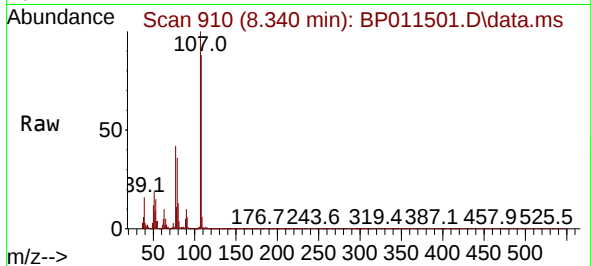




#18
4-Methylphenol
Concen: 29.575 ng/ul
RT: 8.340 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

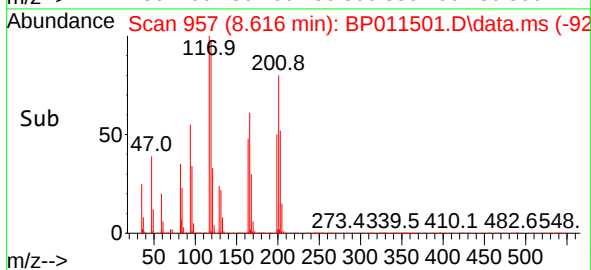
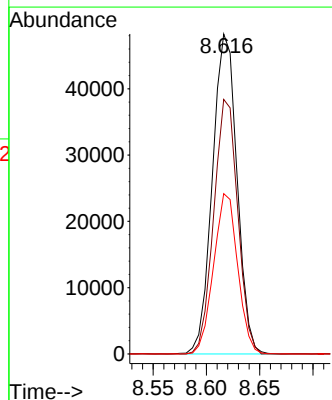
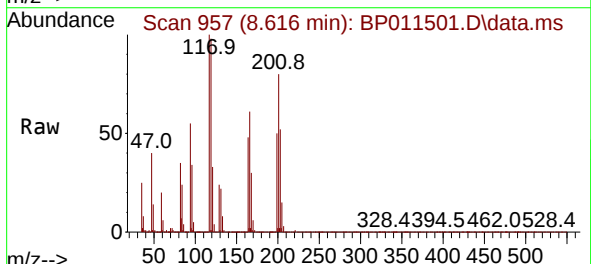
Instrument :
BNA_P
ClientSampleId :

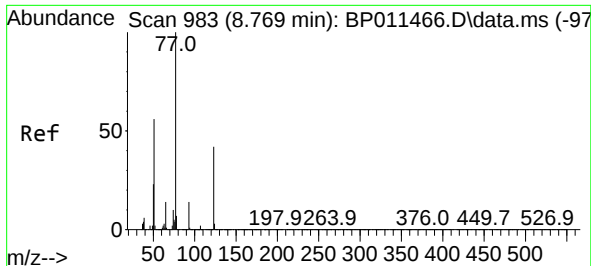
Tgt Ion:108 Resp: 157976
Ion Ratio Lower Upper
108 100
107 113.9 87.7 131.5



#19
Hexachloroethane
Concen: 33.783 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:117 Resp: 77292
Ion Ratio Lower Upper
117 100
201 79.6 64.2 96.4
199 50.1 41.0 61.6

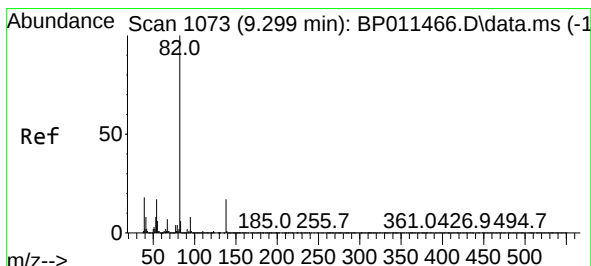
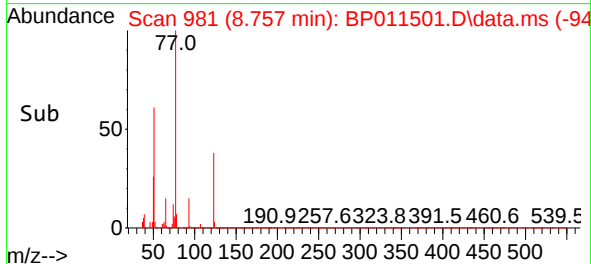
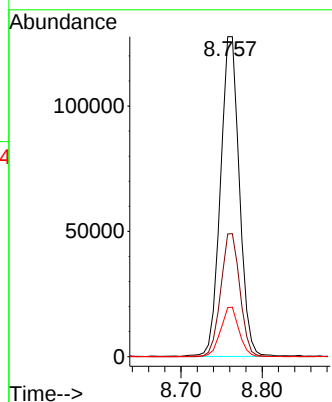
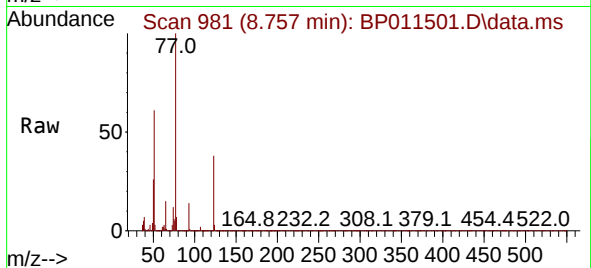




#22
Nitrobenzene
Concen: 34.924 ng/ul
RT: 8.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

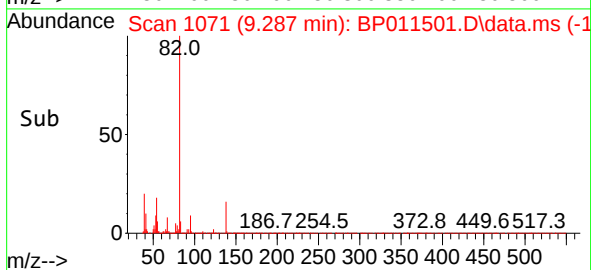
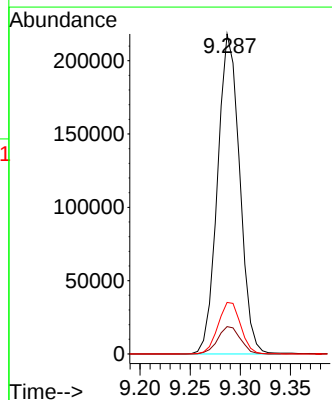
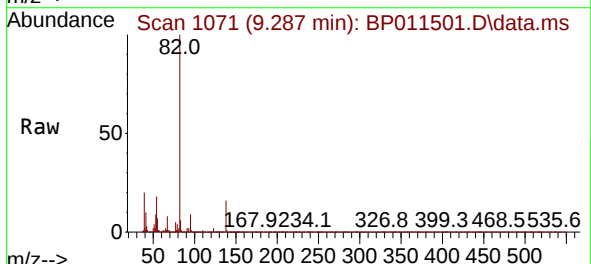
Instrument :
BNA_P
ClientSampleId :

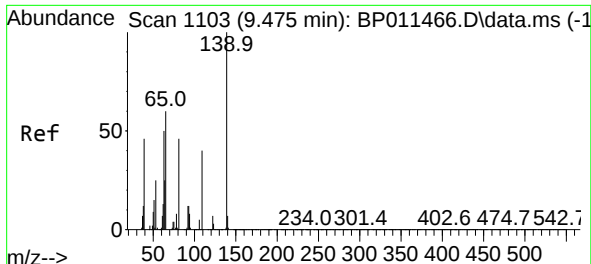
Tgt Ion: 77 Resp: 206587
Ion Ratio Lower Upper
77 100
123 38.3 30.4 45.6
65 15.3 11.5 17.3



#23
Isophorone
Concen: 32.222 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion: 82 Resp: 334571
Ion Ratio Lower Upper
82 100
95 8.6 7.1 10.7
138 16.1 12.6 19.0

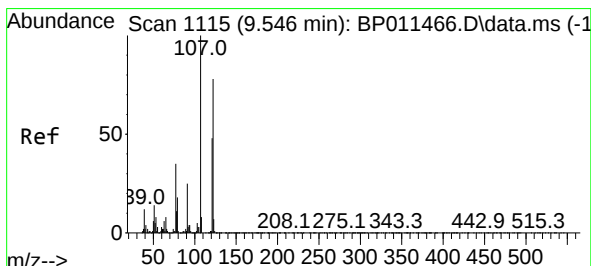
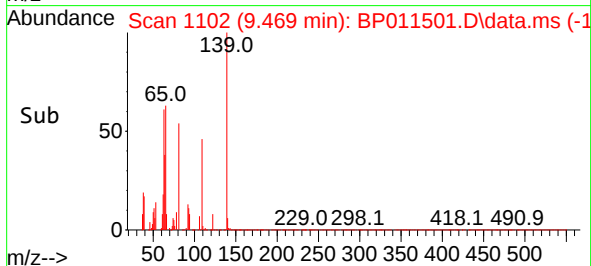
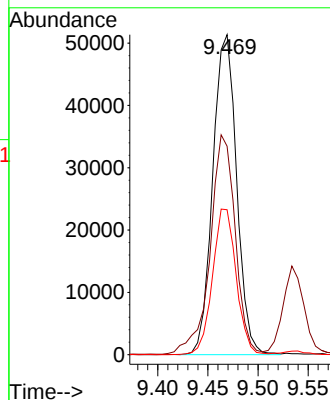
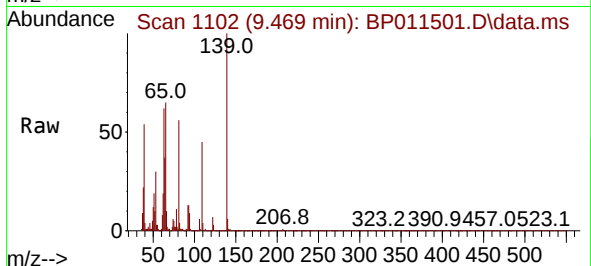




#25
2-Nitrophenol
Concen: 34.831 ng/ul
RT: 9.469 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

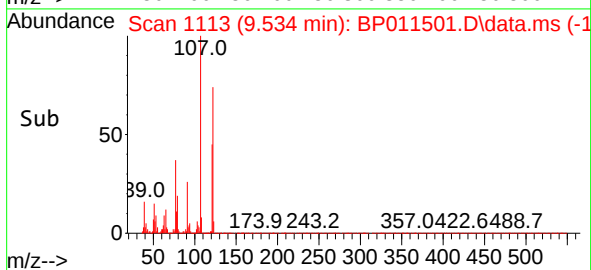
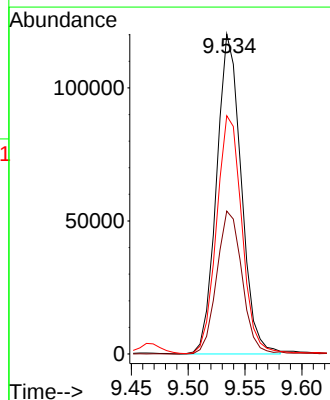
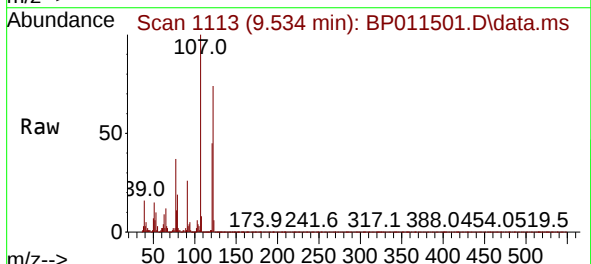
Instrument :
BNA_P
ClientSampleId :

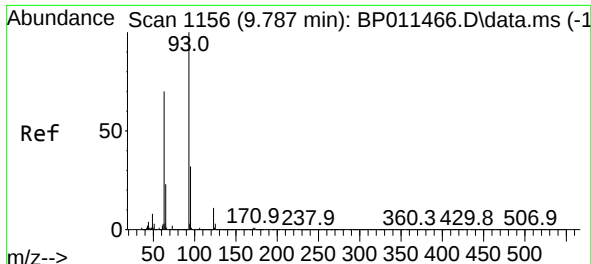
Tgt Ion:139 Resp: 84877
Ion Ratio Lower Upper
139 100
65 65.2 50.4 75.6
109 45.3 35.5 53.3



#26
2,4-Dimethylphenol
Concen: 31.351 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:107 Resp: 181393
Ion Ratio Lower Upper
107 100
121 44.7 36.6 55.0
122 74.4 58.7 88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 32.302 ng/ul

RT: 9.775 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

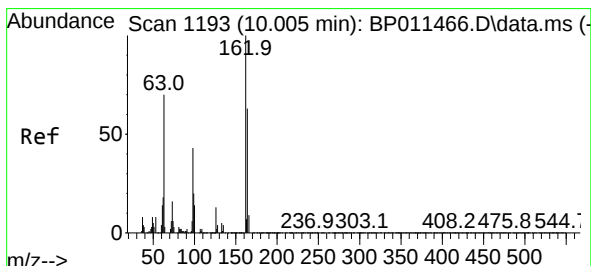
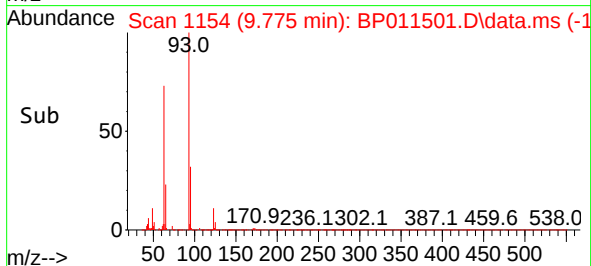
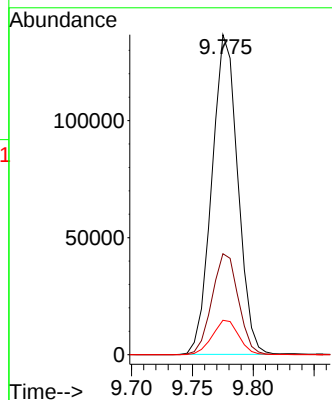
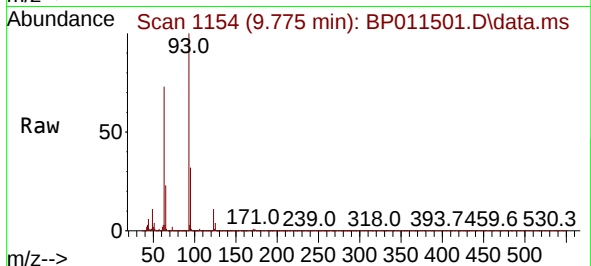
Tgt Ion: 93 Resp: 202735

Ion Ratio Lower Upper

93 100

95 31.5 24.8 37.2

123 10.8 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 33.186 ng/ul

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

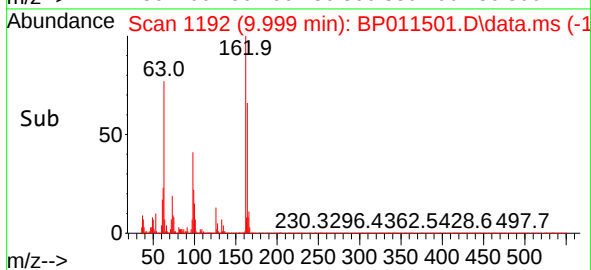
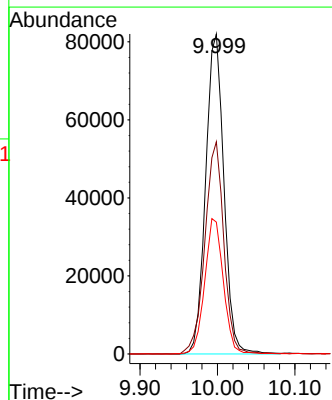
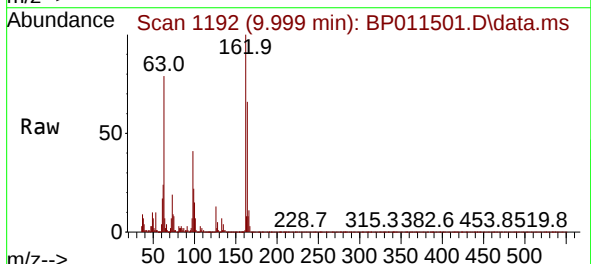
Tgt Ion:162 Resp: 133894

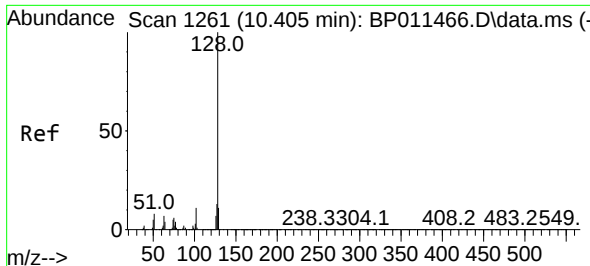
Ion Ratio Lower Upper

162 100

164 66.3 50.2 75.2

98 41.2 32.9 49.3

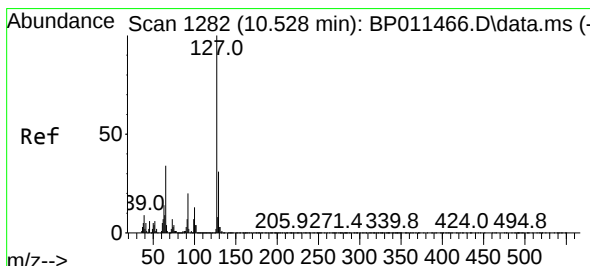
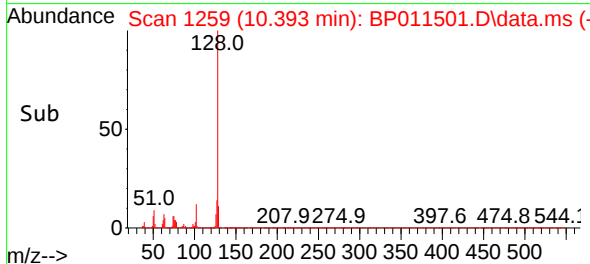
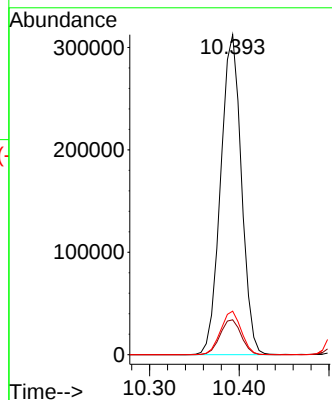
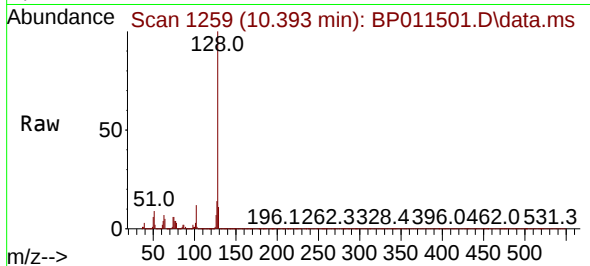




#30
Naphthalene
Concen: 32.575 ng/ul
RT: 10.393 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

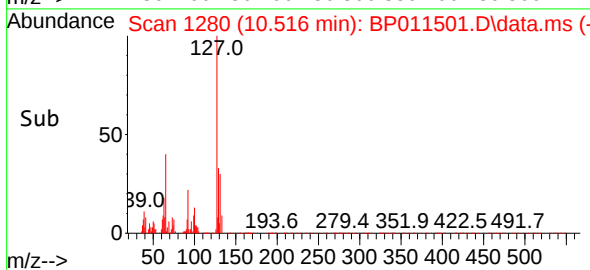
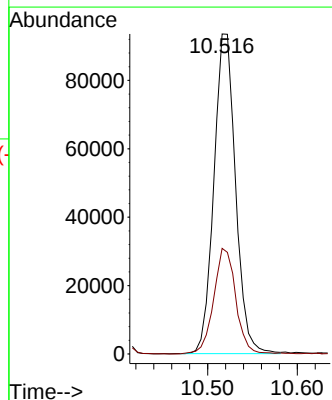
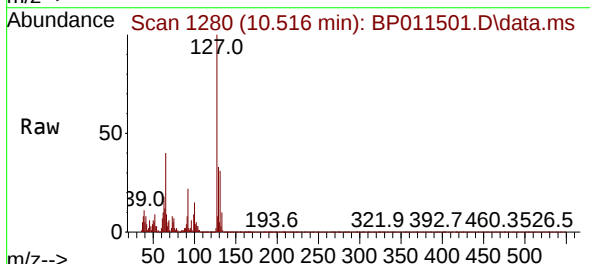
Instrument :
BNA_P
ClientSampleId :

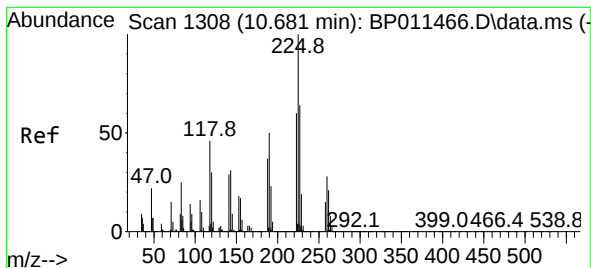
Tgt Ion:128 Resp: 501364
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.3 15.5



#32
4-Chloroaniline
Concen: 23.093 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:127 Resp: 157018
Ion Ratio Lower Upper
127 100
129 33.0 25.1 37.7





#33

Hexachlorobutadiene

Concen: 34.269 ng/ul

RT: 10.669 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

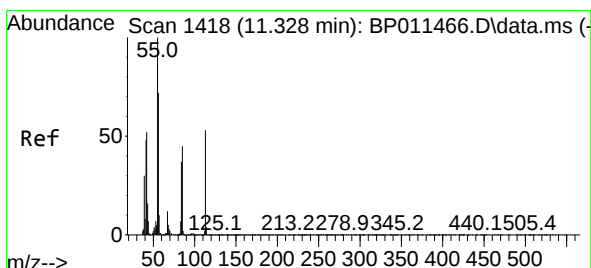
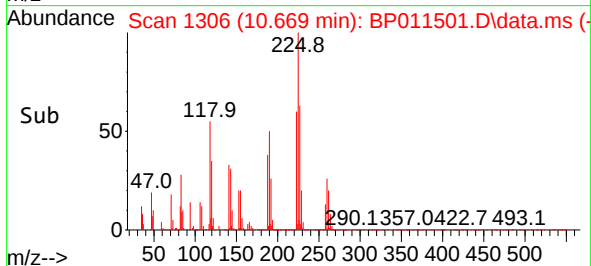
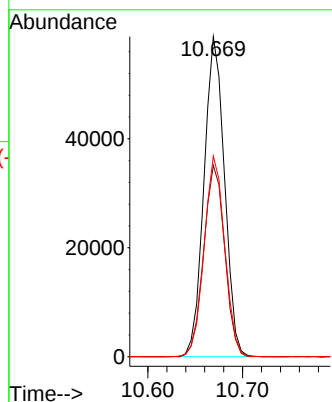
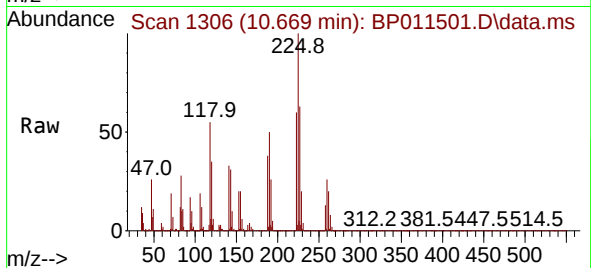
Tgt Ion:225 Resp: 88020

Ion Ratio Lower Upper

225 100

223 59.7 47.8 71.8

227 62.6 50.0 75.0



#34

Caprolactam

Concen: 19.574 ng/ul

RT: 11.316 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

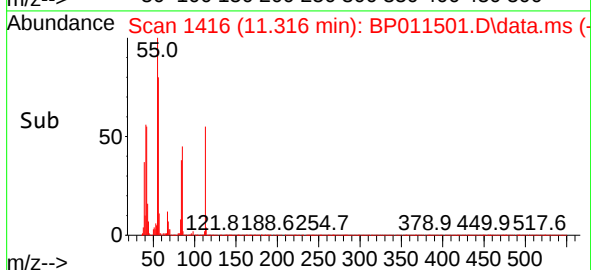
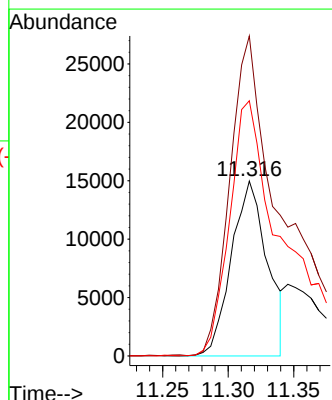
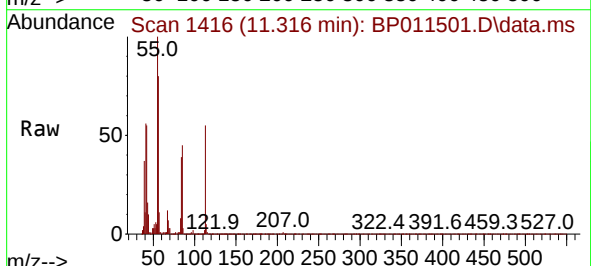
Tgt Ion:113 Resp: 28635

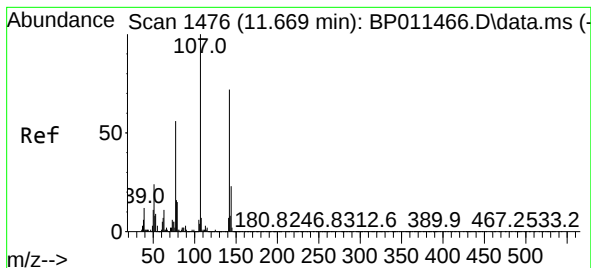
Ion Ratio Lower Upper

113 100

55 182.9 153.4 230.2

56 145.8 119.6 179.4

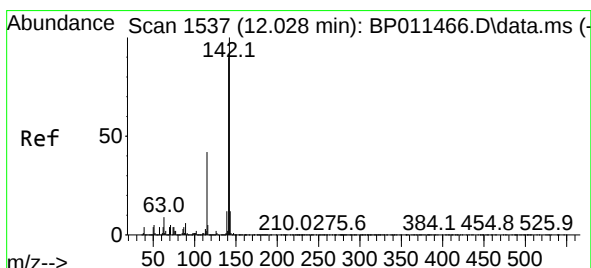
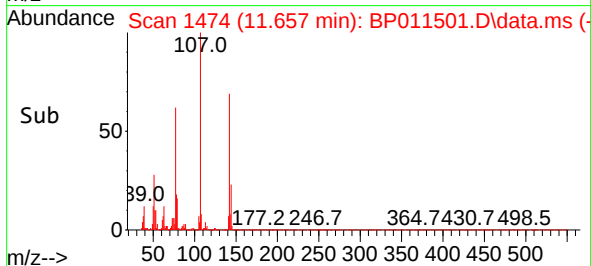
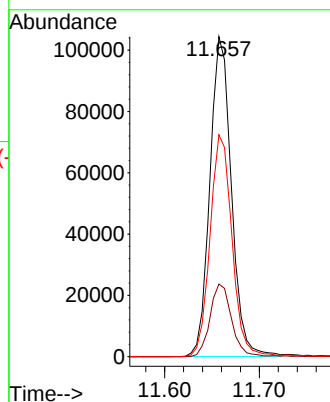
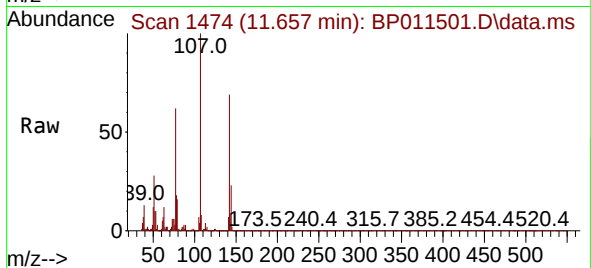




#35
4-Chloro-3-methylphenol
Concen: 32.210 ng/ul
RT: 11.657 min Scan# 1476
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

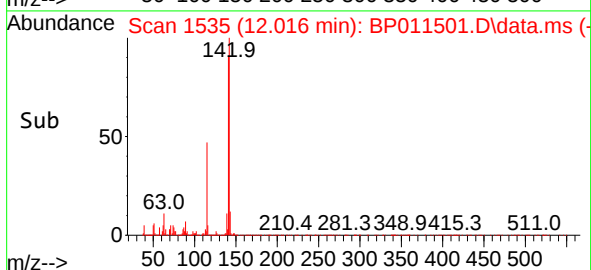
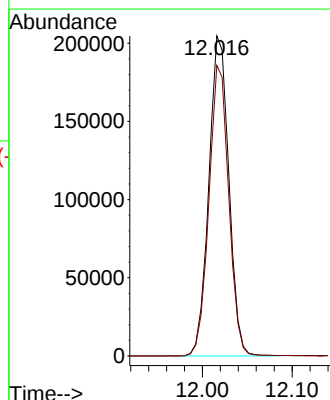
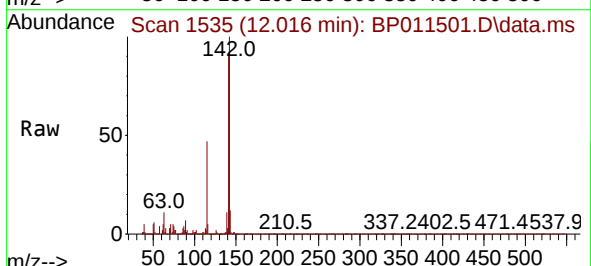
Instrument :
BNA_P
ClientSampleId :

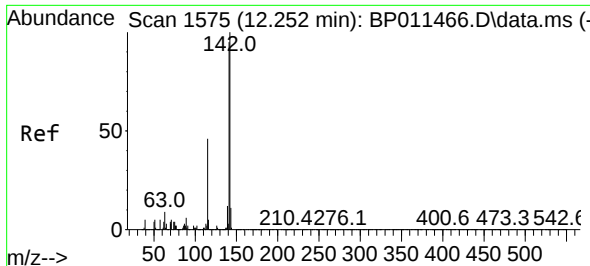
Tgt Ion:107 Resp: 164305
Ion Ratio Lower Upper
107 100
144 22.7 18.3 27.5
142 69.4 55.8 83.8



#36
2-Methylnaphthalene
Concen: 31.615 ng/ul
RT: 12.016 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:142 Resp: 316581
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0

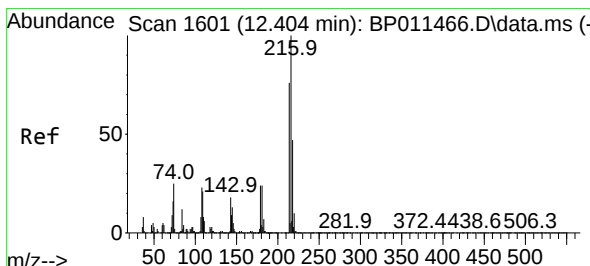
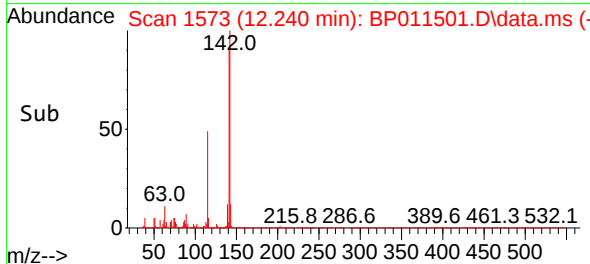
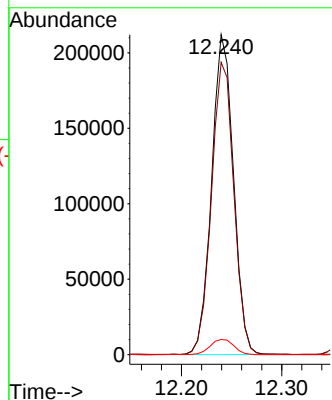
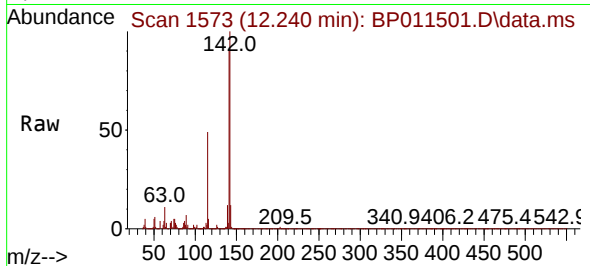




#37
1-Methylnaphthalene
Concen: 31.607 ng/ul
RT: 12.240 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

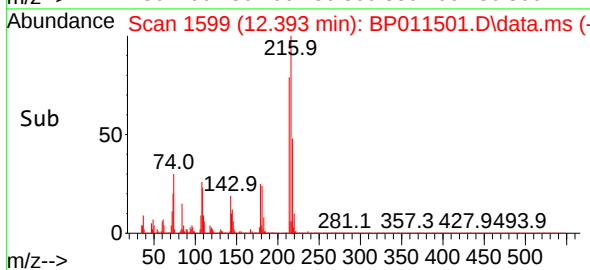
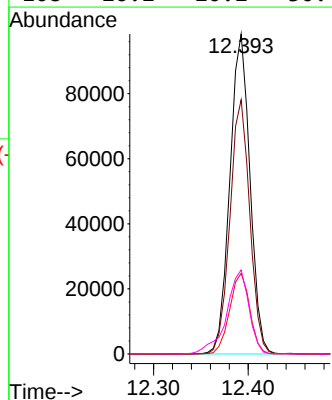
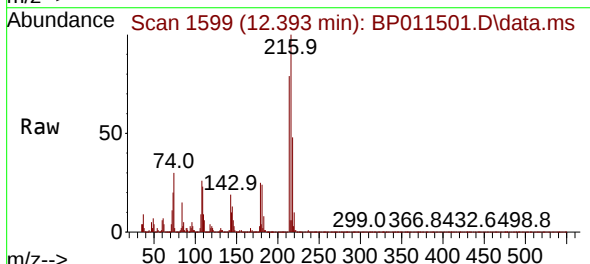
Instrument :
BNA_P
ClientSampleId :

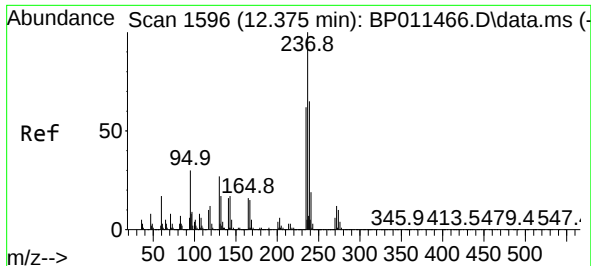
Tgt Ion:142 Resp: 321008
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6
116 4.8 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.160 ng/ul
RT: 12.393 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:216 Resp: 144630
Ion Ratio Lower Upper
216 100
214 79.4 60.4 90.6
179 25.2 20.0 30.0
108 26.2 20.2 30.4

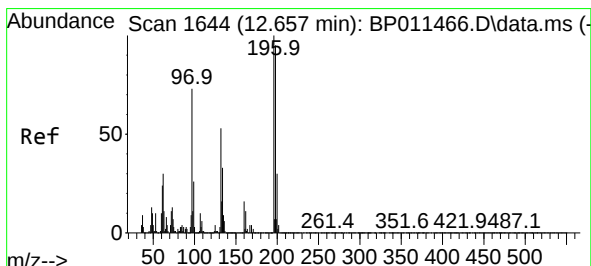
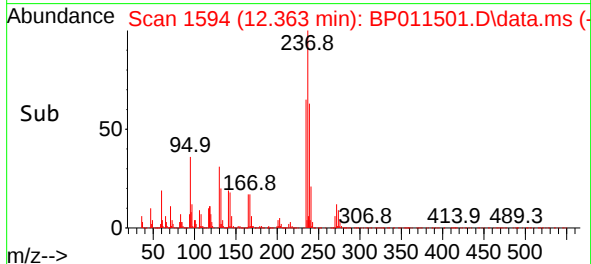
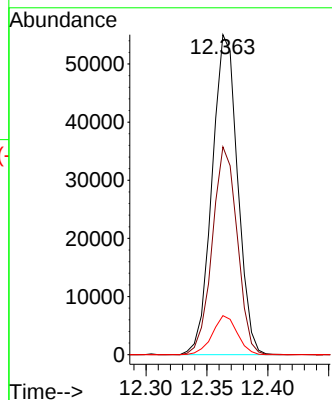
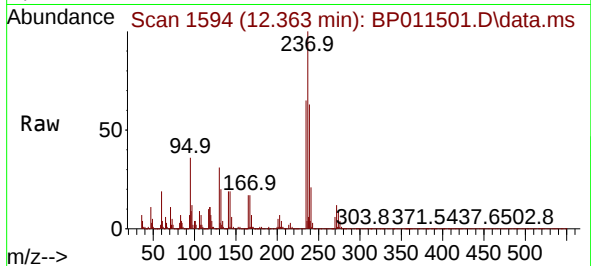




#40
Hexachlorocyclopentadiene
Concen: 30.604 ng/ul
RT: 12.363 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

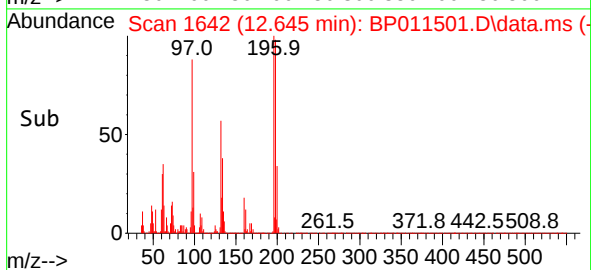
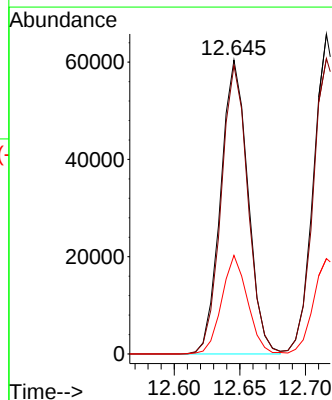
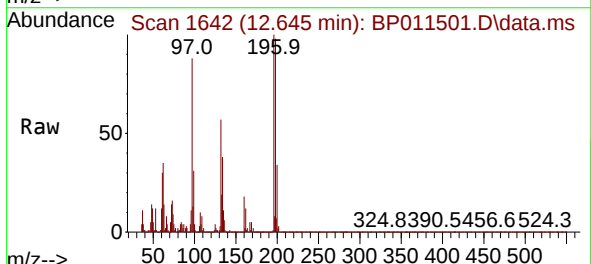
Instrument :
BNA_P
ClientSampleId :

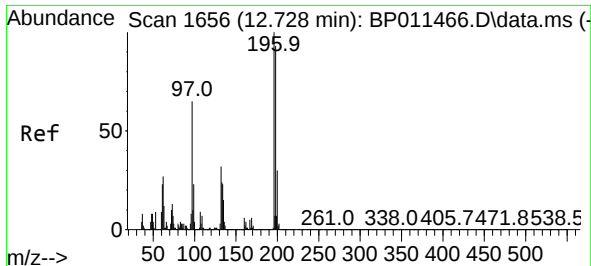
Tgt Ion:237 Resp: 80385
Ion Ratio Lower Upper
237 100
235 65.0 50.9 76.3
272 12.9 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 32.083 ng/ul
RT: 12.645 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

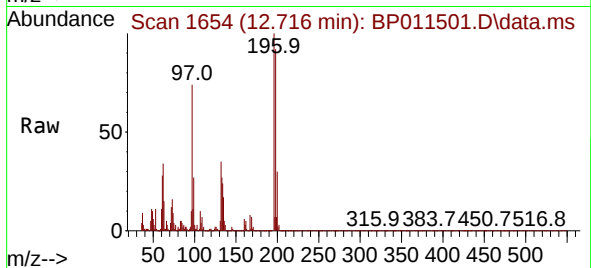
Tgt Ion:196 Resp: 87424
Ion Ratio Lower Upper
196 100
198 98.1 75.6 113.4
200 33.5 23.1 34.7



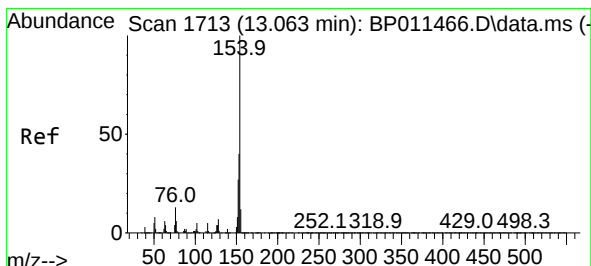
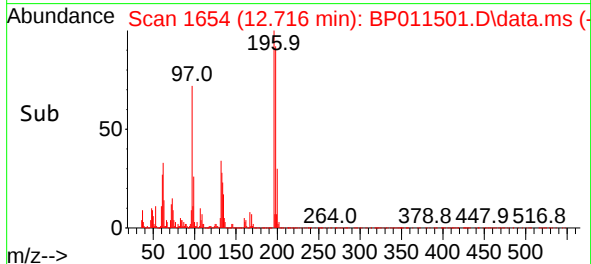
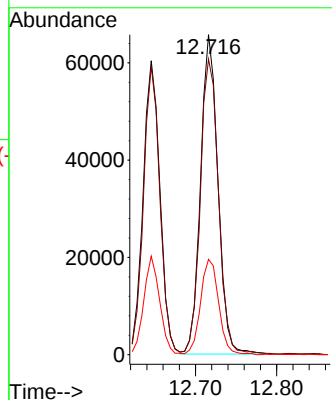


#42
2,4,5-Trichlorophenol
Concen: 32.302 ng/ul
RT: 12.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Instrument :
BNA_P
ClientSampleId :

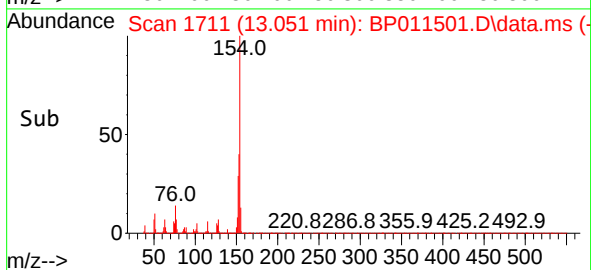
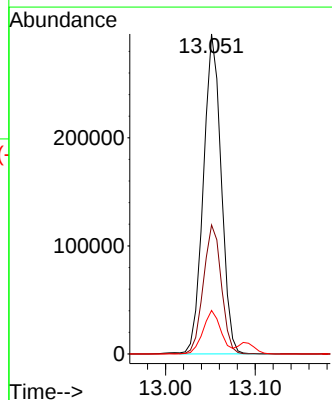
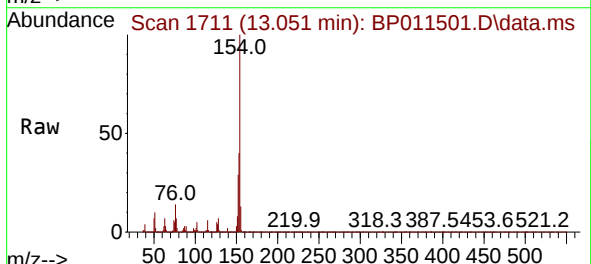


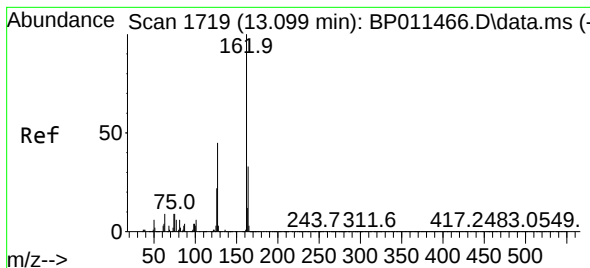
Tgt Ion:196 Resp: 97985
Ion Ratio Lower Upper
196 100
198 92.4 75.6 113.4
200 29.8 23.8 35.6



#43
1,1'-Biphenyl
Concen: 32.807 ng/ul
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:154 Resp: 407762
Ion Ratio Lower Upper
154 100
153 40.3 32.2 48.4
76 13.6 11.6 17.4





#44

2-Chloronaphthalene

Concen: 33.592 ng/ul

RT: 13.092 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

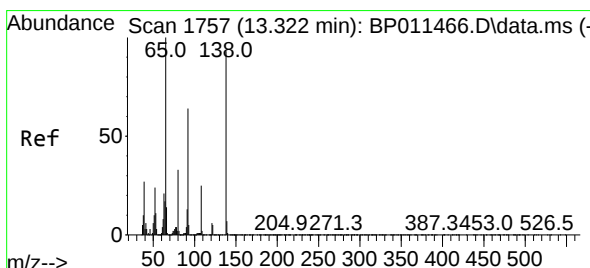
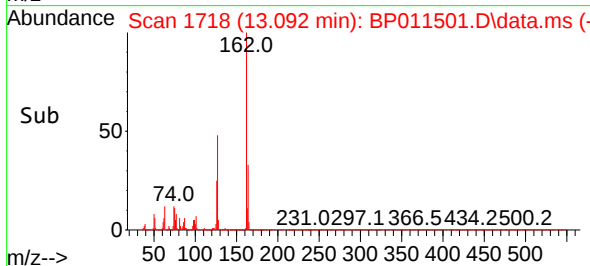
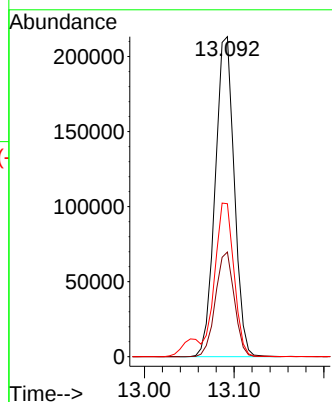
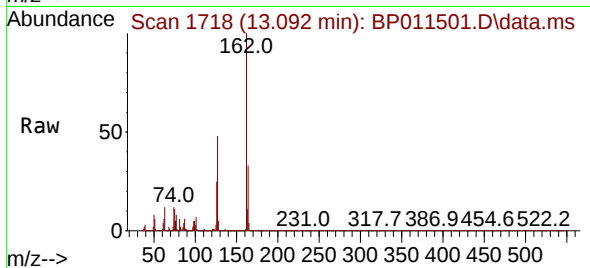
Tgt Ion:162 Resp: 314628

Ion Ratio Lower Upper

162 100

164 32.7 26.4 39.6

127 47.8 37.4 56.2



#45

2-Nitroaniline

Concen: 36.018 ng/ul

RT: 13.316 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

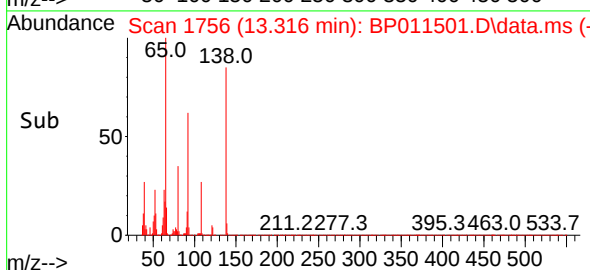
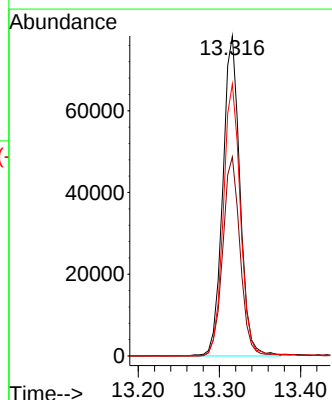
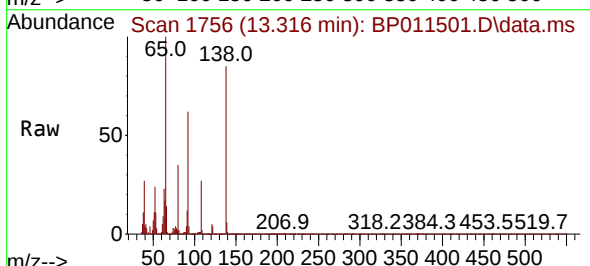
Tgt Ion: 65 Resp: 115137

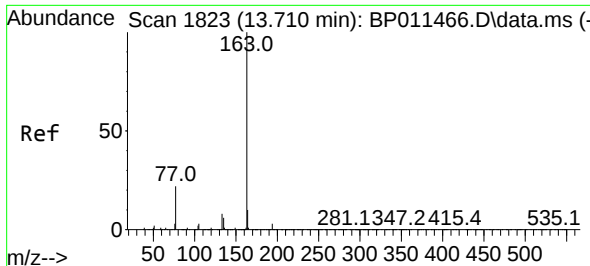
Ion Ratio Lower Upper

65 100

92 62.2 50.8 76.2

138 85.0 66.7 100.1

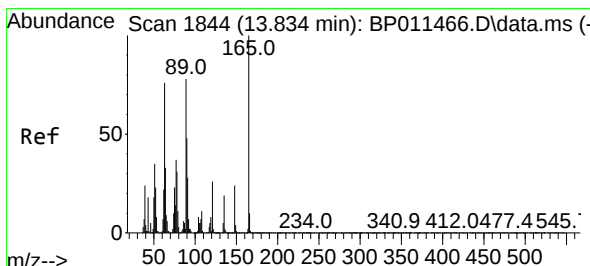
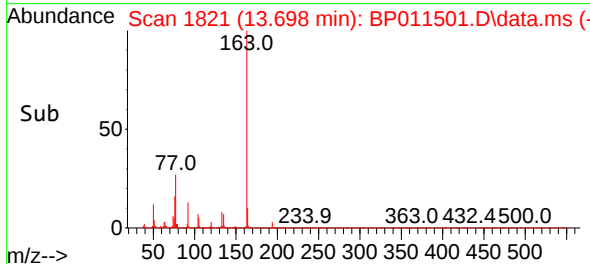
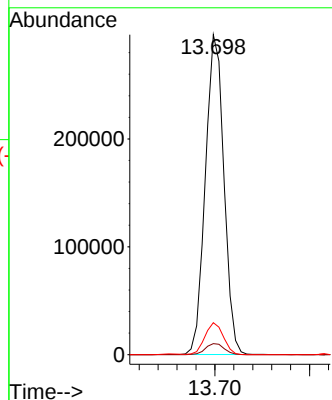
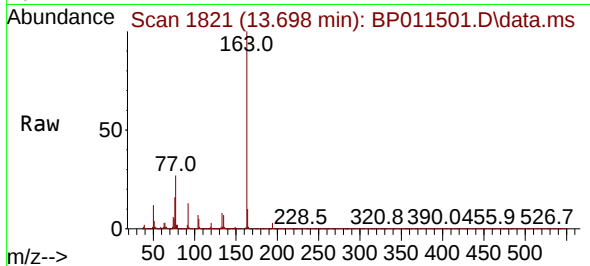




#47
Dimethylphthalate
Concen: 33.003 ng/ul
RT: 13.698 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

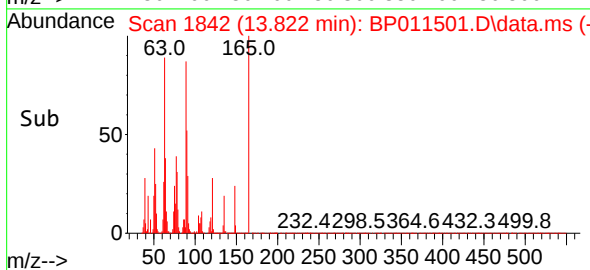
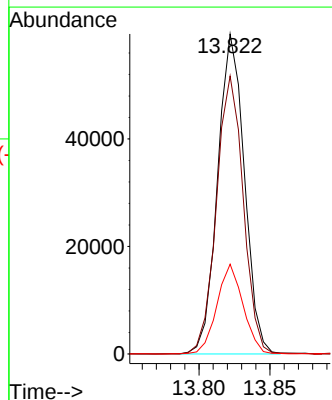
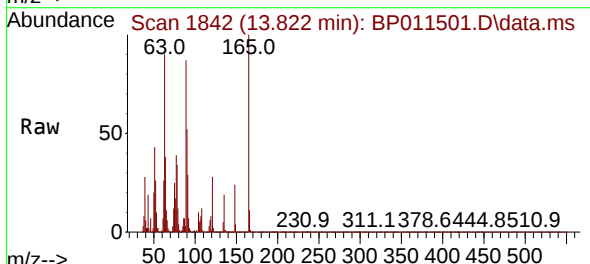
Instrument :
BNA_P
ClientSampleId :

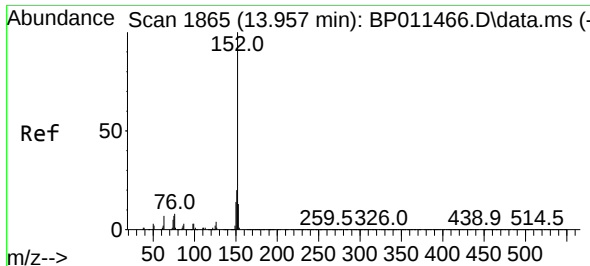
Tgt Ion:163 Resp: 402432
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 35.556 ng/ul
RT: 13.822 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:165 Resp: 77950
Ion Ratio Lower Upper
165 100
89 86.8 66.6 99.8
121 28.1 21.0 31.6

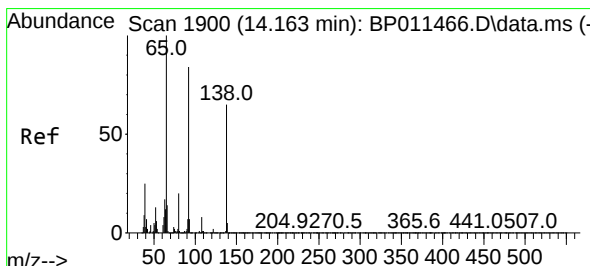
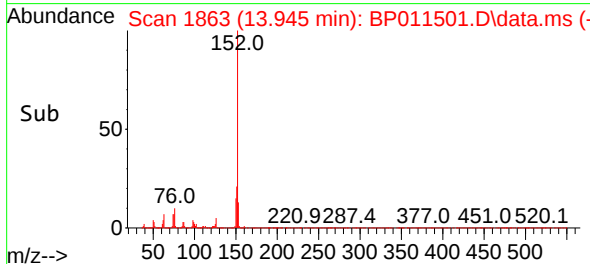
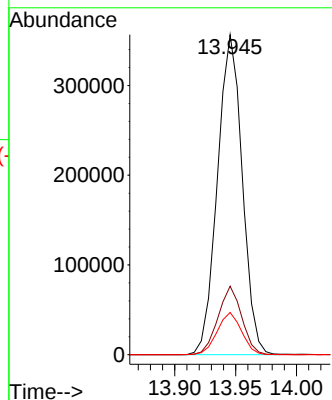
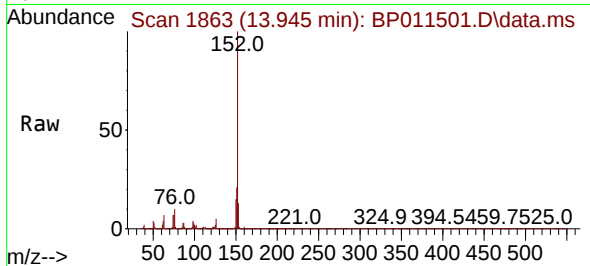




#50
Acenaphthylene
Concen: 32.458 ng/ul
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

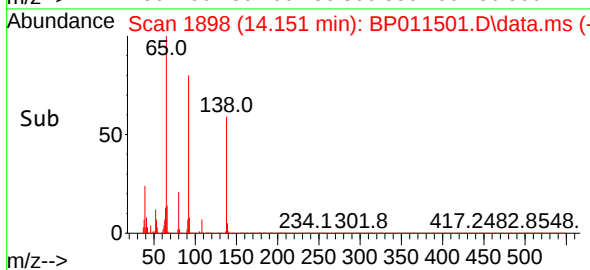
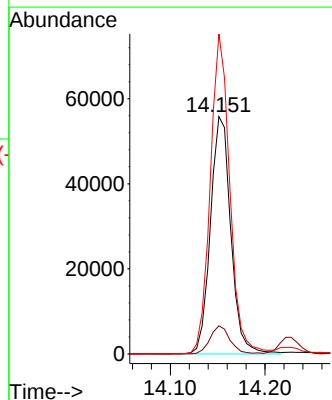
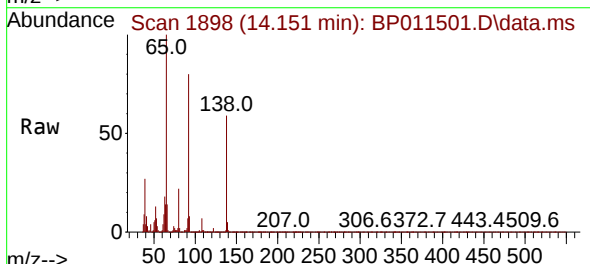
Instrument :
BNA_P
ClientSampleId :

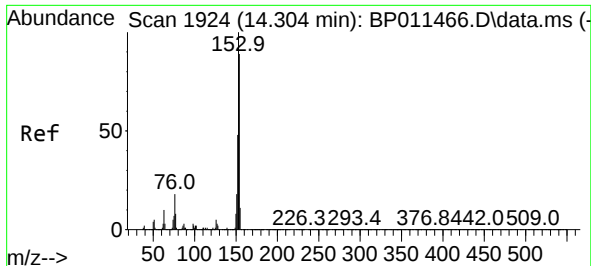
Tgt Ion:152 Resp: 505629
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 13.2 10.6 15.8



#51
3-Nitroaniline
Concen: 34.915 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:138 Resp: 83376
Ion Ratio Lower Upper
138 100
108 11.8 8.6 13.0
92 134.8 104.2 156.2

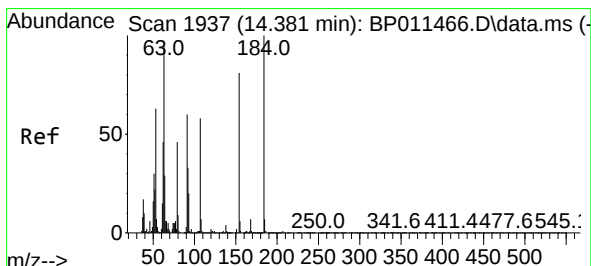
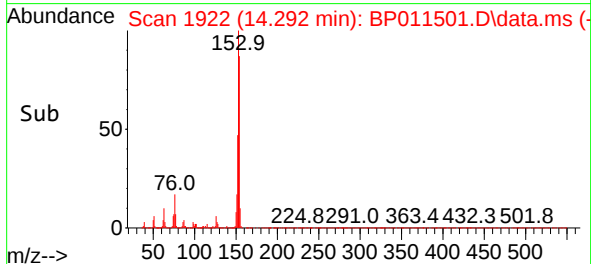
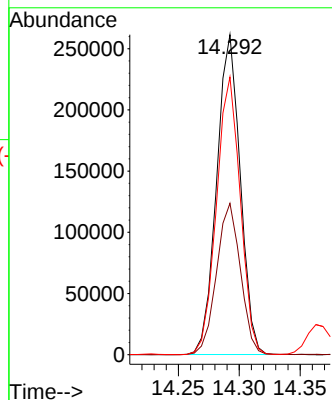
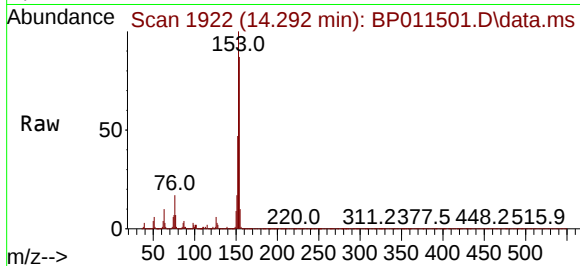




#52
Acenaphthene
Concen: 33.733 ng/ul
RT: 14.292 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

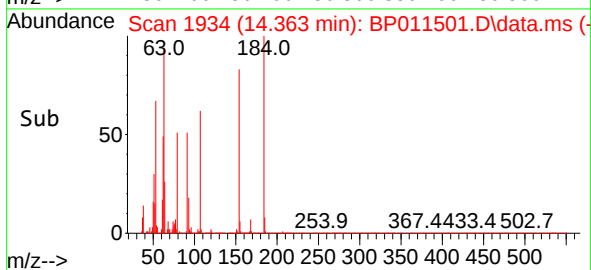
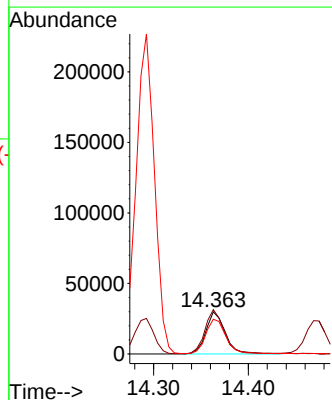
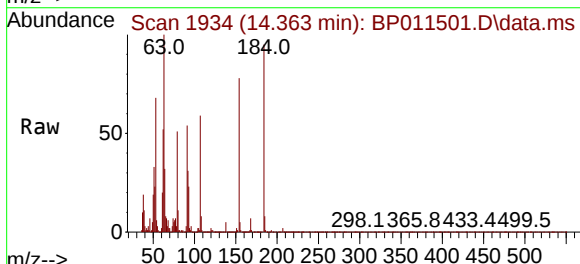
Instrument :
BNA_P
ClientSampleId :

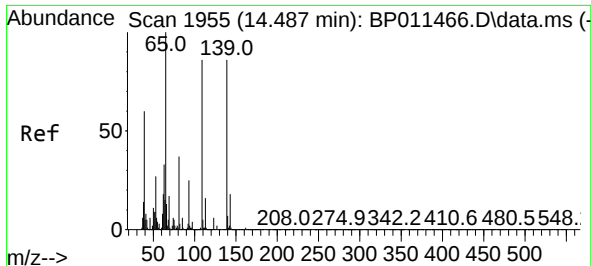
Tgt Ion:153 Resp: 351974
Ion Ratio Lower Upper
153 100
152 47.3 37.7 56.5
154 86.8 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 31.418 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:184 Resp: 42157
Ion Ratio Lower Upper
184 100
63 105.1 82.5 123.7
154 82.5 66.6 100.0

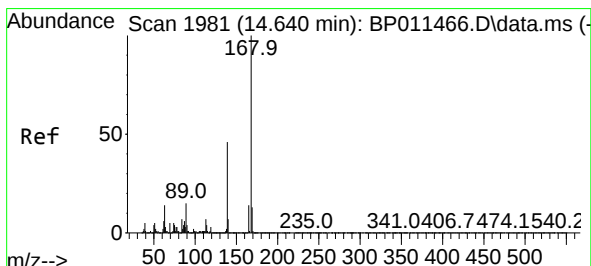
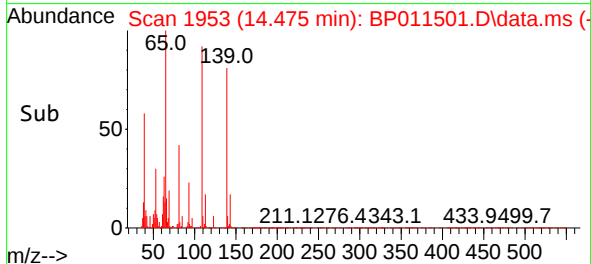
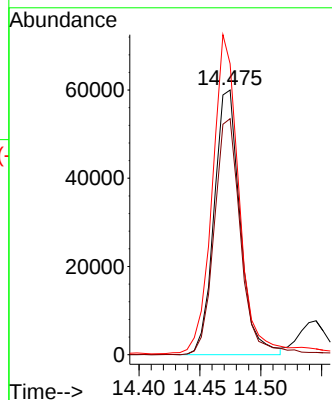
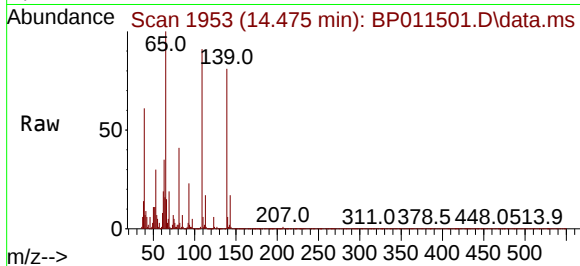




#55
4-Nitrophenol
Concen: 32.869 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

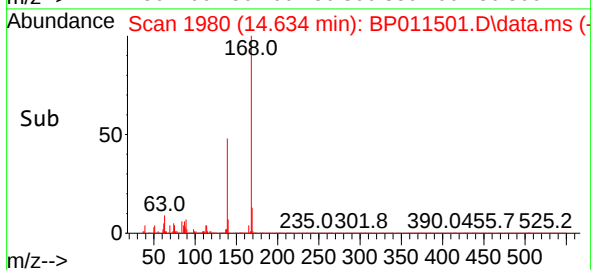
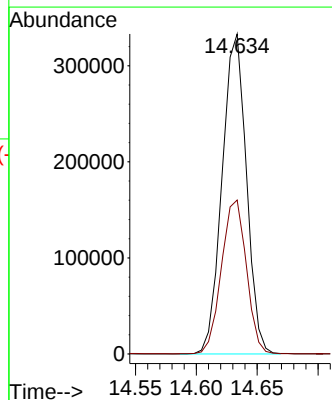
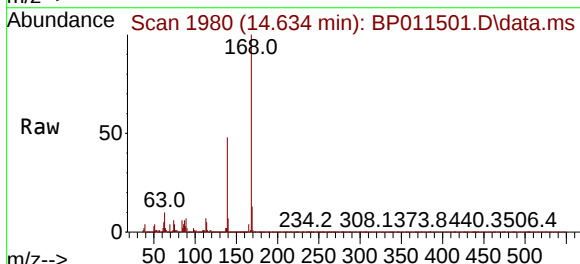
Instrument :
BNA_P
ClientSampleId :

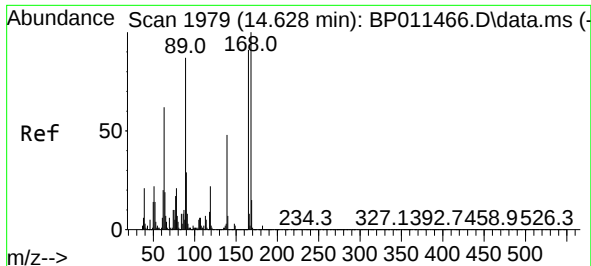
Tgt Ion:109 Resp: 89023
Ion Ratio Lower Upper
109 100
139 89.2 76.0 114.0
65 109.9 98.8 148.2



#56
Dibenzofuran
Concen: 32.161 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:168 Resp: 462746
Ion Ratio Lower Upper
168 100
139 48.1 38.4 57.6

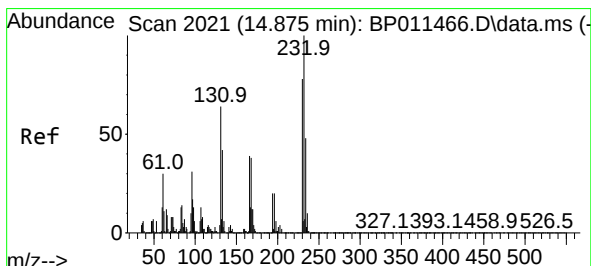
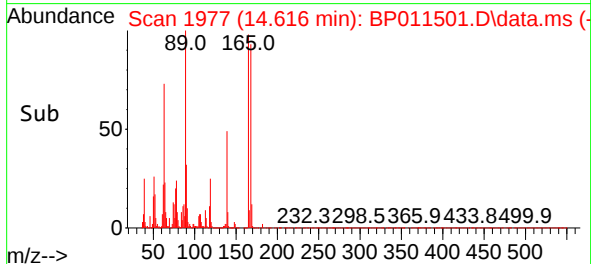
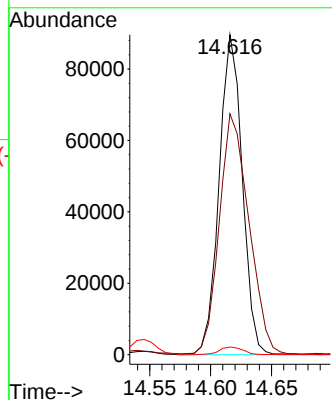
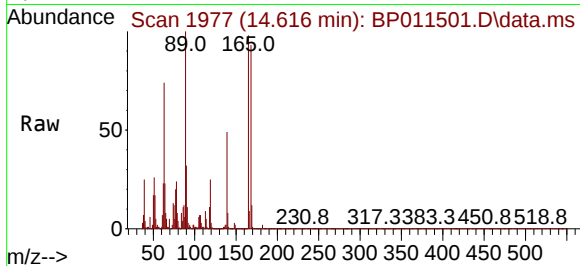




#57
2,4-Dinitrotoluene
Concen: 36.091 ng/ul
RT: 14.616 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

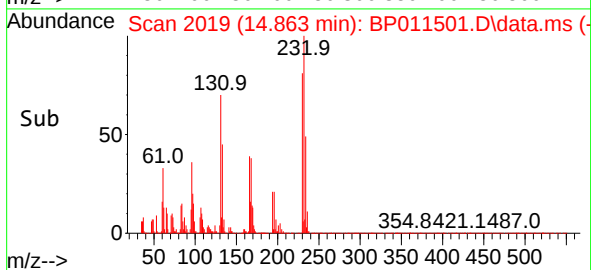
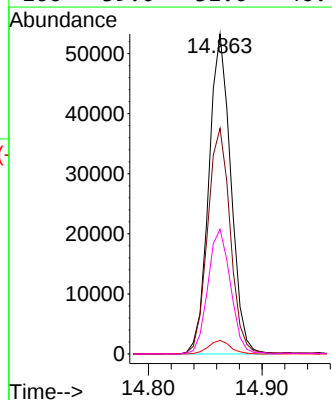
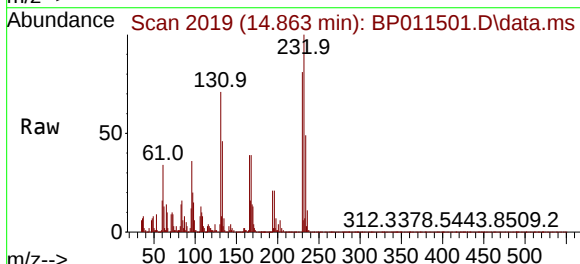
Instrument :
BNA_P
ClientSampleId :

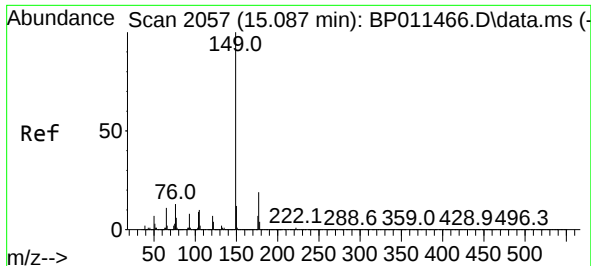
Tgt Ion:165 Resp: 118449
Ion Ratio Lower Upper
165 100
63 75.3 60.2 90.2
182 2.4 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.182 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:232 Resp: 71879
Ion Ratio Lower Upper
232 100
131 70.5 55.4 83.0
130 4.3 3.6 5.4
166 39.0 31.0 46.4

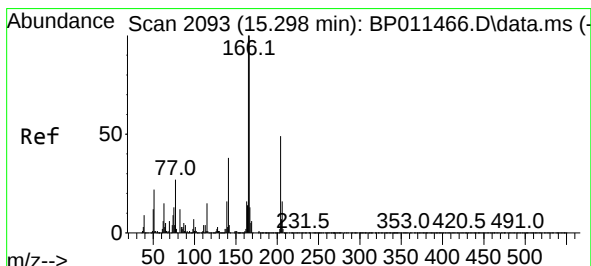
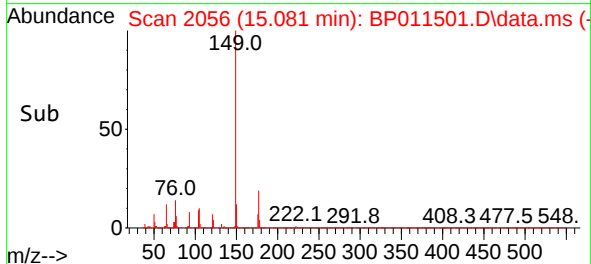
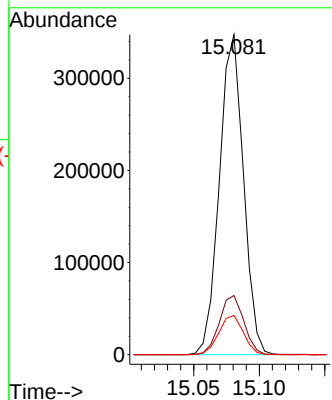
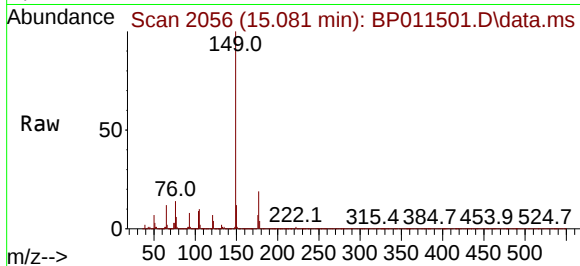




#59
Diethylphthalate
Concen: 33.166 ng/ul
RT: 15.081 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

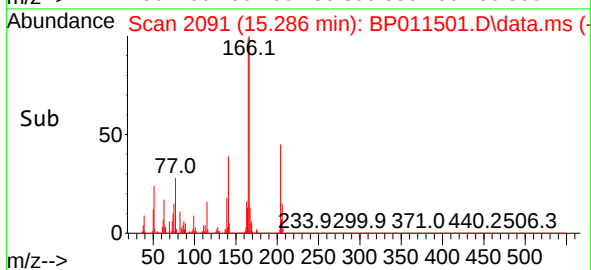
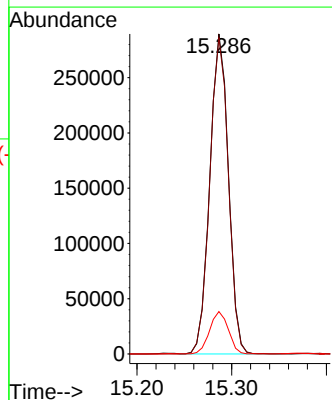
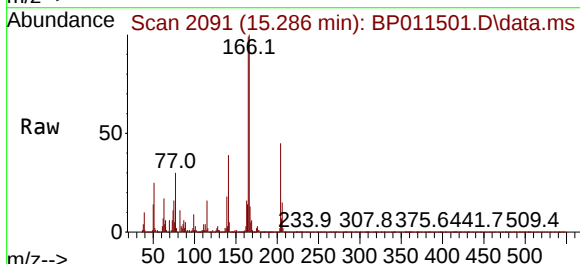
Instrument :
BNA_P
ClientSampleId :

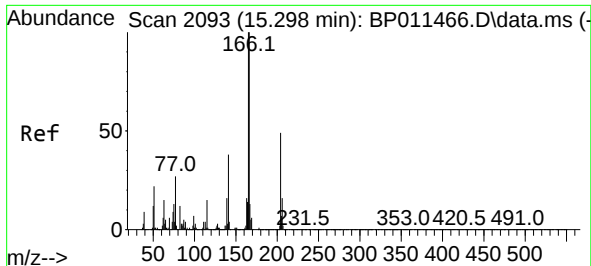
Tgt Ion:149 Resp: 442963
Ion Ratio Lower Upper
149 100
177 18.5 15.7 23.5
150 12.3 10.1 15.1



#61
Fluorene
Concen: 33.532 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:166 Resp: 394709
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 13.2 10.3 15.5

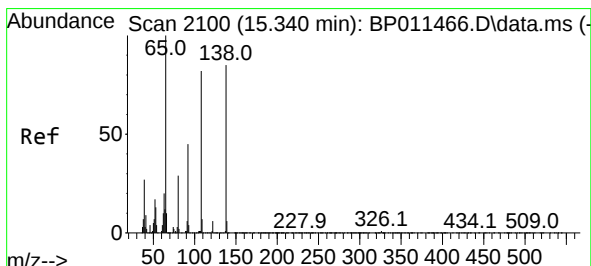
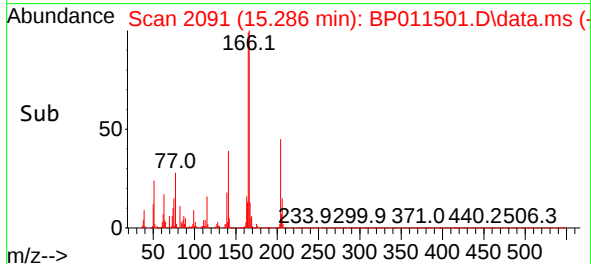
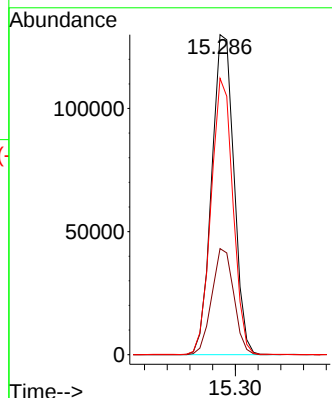
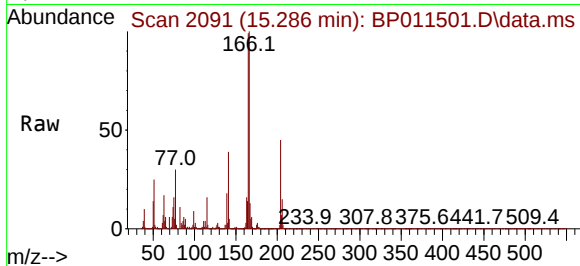




#62
4-Chlorophenyl-phenylether
Concen: 33.228 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

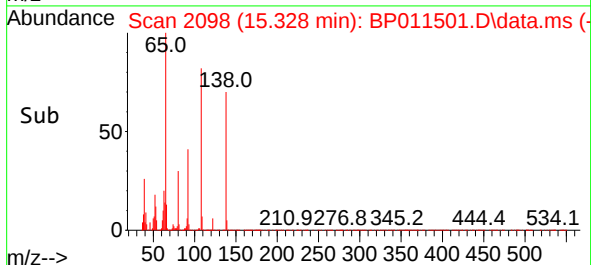
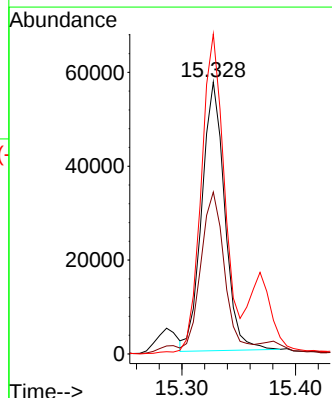
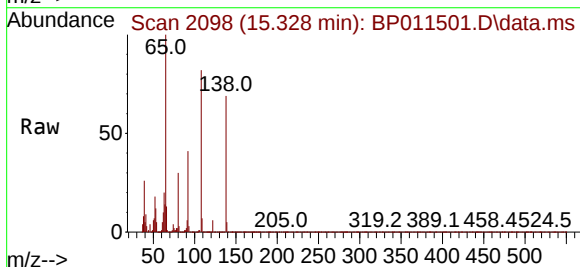
Instrument :
BNA_P
ClientSampleId :

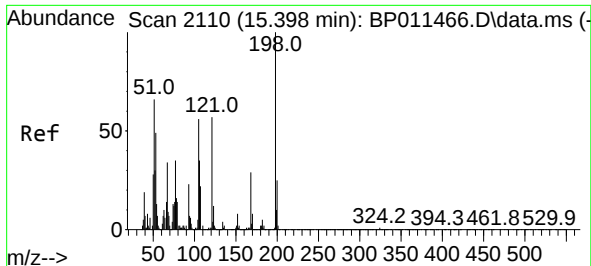
Tgt Ion:204 Resp: 176696
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.0
141 86.4 66.5 99.7



#63
4-Nitroaniline
Concen: 34.682 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:138 Resp: 79998
Ion Ratio Lower Upper
138 100
92 59.5 49.5 74.3
108 117.7 93.7 140.5

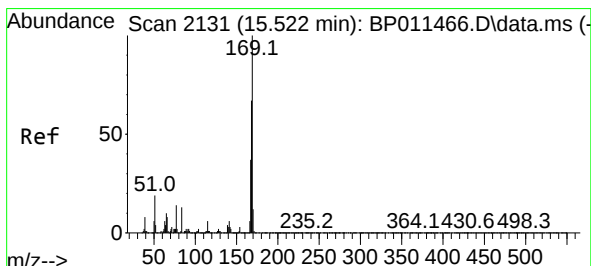
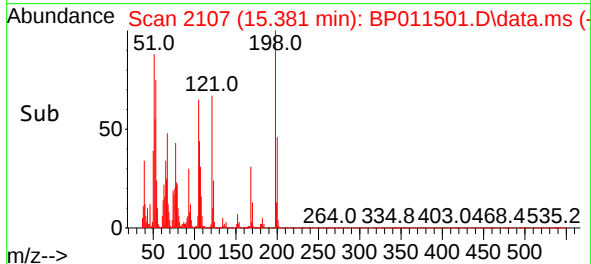
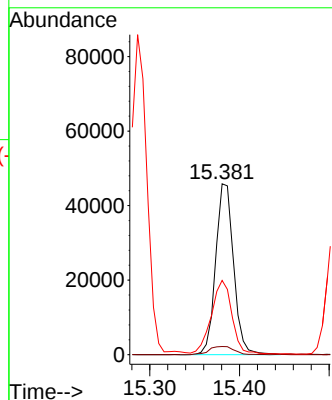
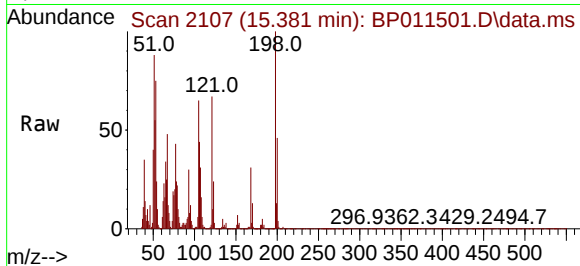




#66
4,6-Dinitro-2-methylphenol
Concen: 34.511 ng/ul
RT: 15.381 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

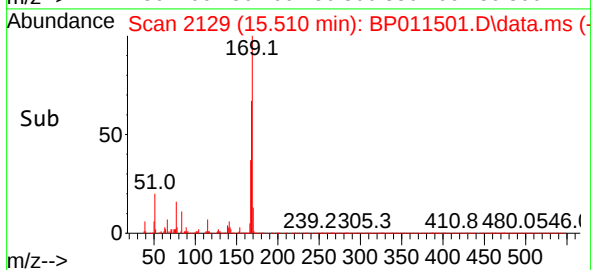
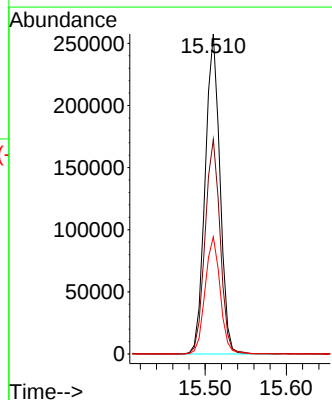
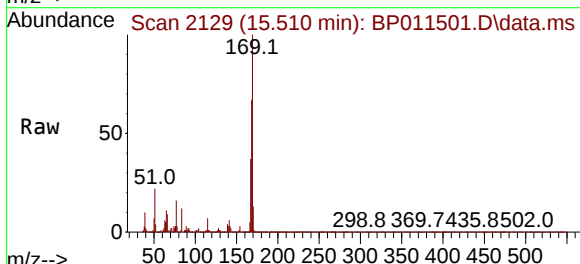
Instrument :
BNA_P
ClientSampleId :

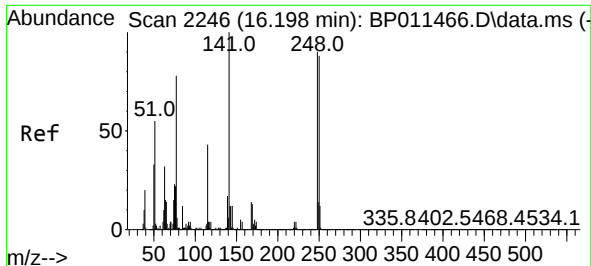
Tgt Ion:198 Resp: 63709
Ion Ratio Lower Upper
198 100
182 4.7 3.9 5.9
77 43.5 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 33.537 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:169 Resp: 324961
Ion Ratio Lower Upper
169 100
168 67.0 54.6 82.0
167 36.6 30.2 45.4

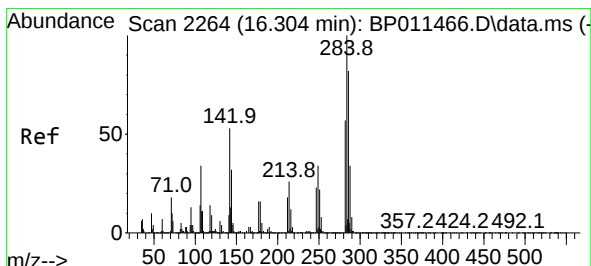
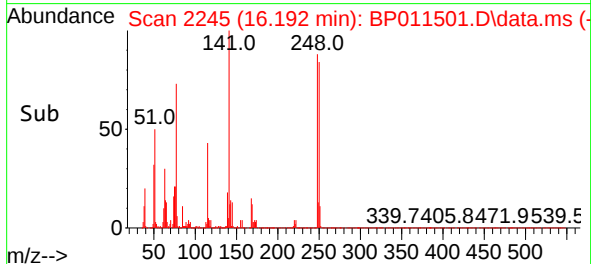
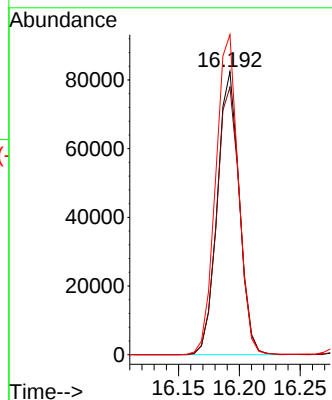
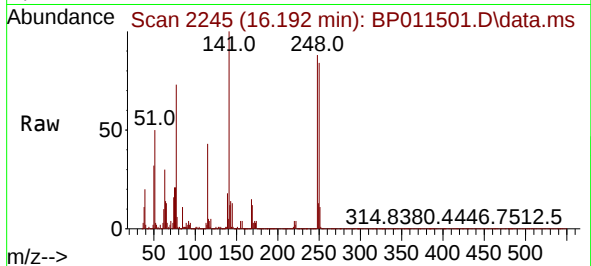




#68
4-Bromophenyl-phenylether
Concen: 35.146 ng/ul
RT: 16.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

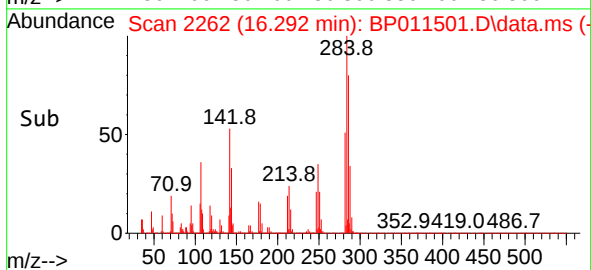
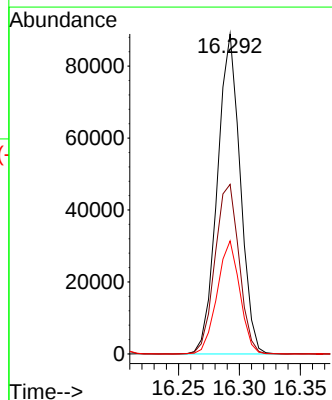
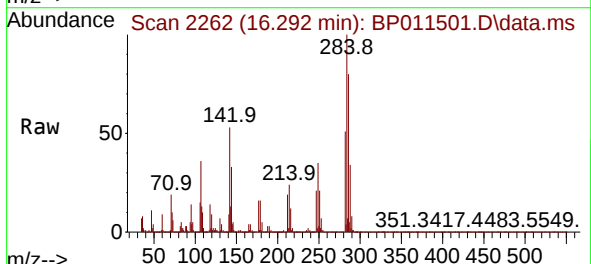
Instrument :
BNA_P
ClientSampleId :

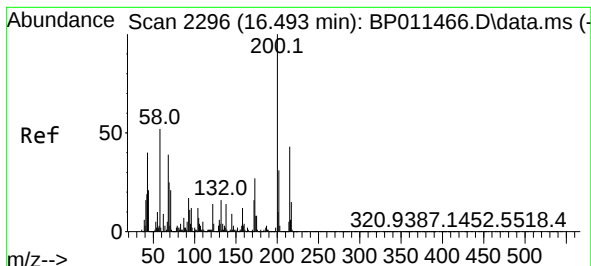
Tgt Ion:248 Resp: 103622
Ion Ratio Lower Upper
248 100
250 94.5 82.8 124.2
141 113.1 90.8 136.2



#69
Hexachlorobenzene
Concen: 34.219 ng/ul
RT: 16.292 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:284 Resp: 116269
Ion Ratio Lower Upper
284 100
142 53.0 43.5 65.3
249 35.4 28.4 42.6





#70

Atrazine

Concen: 7.041 ng/ul

RT: 16.481 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011501.D

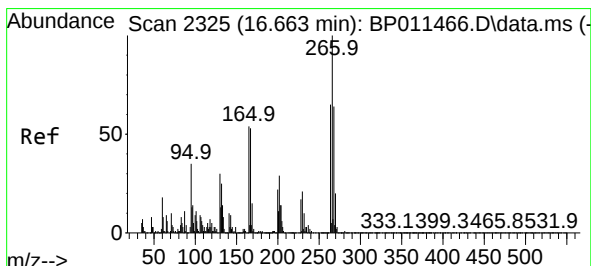
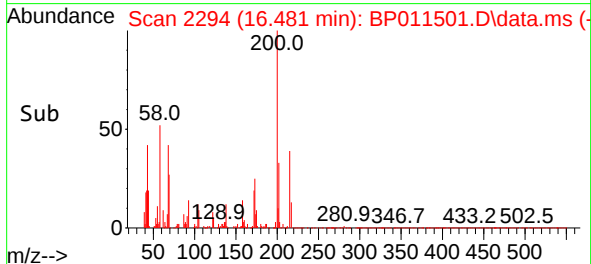
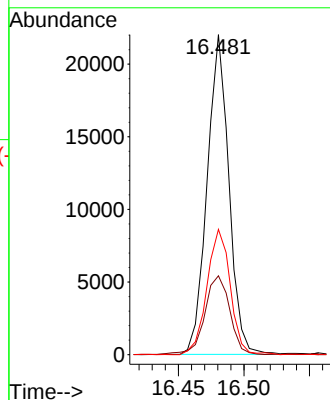
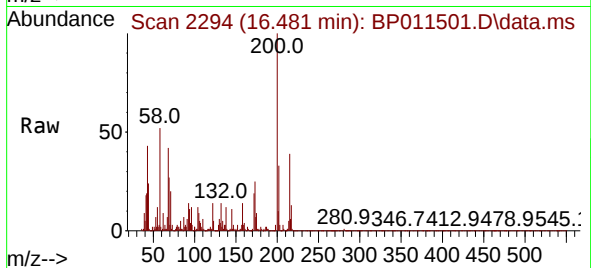
Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	200	Resp:	25460
Ion Ratio	Lower	Upper	
200	100		
173	24.6	22.0	33.0
215	39.1	36.3	54.5



#71

Pentachlorophenol

Concen: 25.466 ng/ul

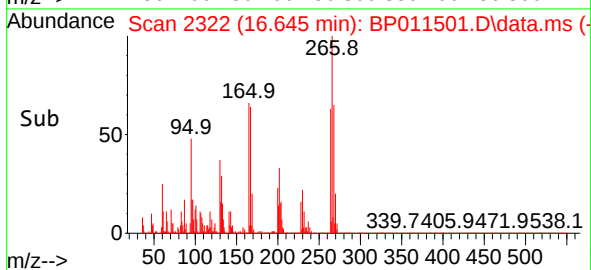
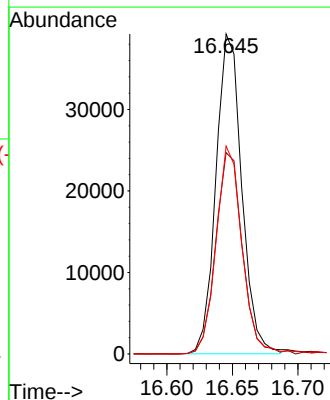
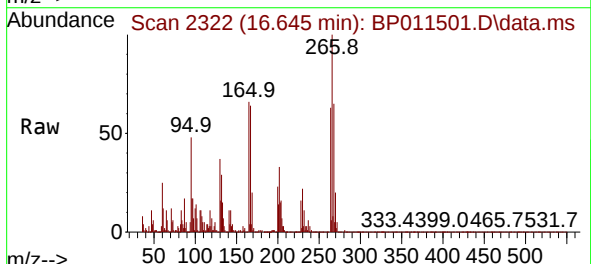
RT: 16.645 min Scan# 2322

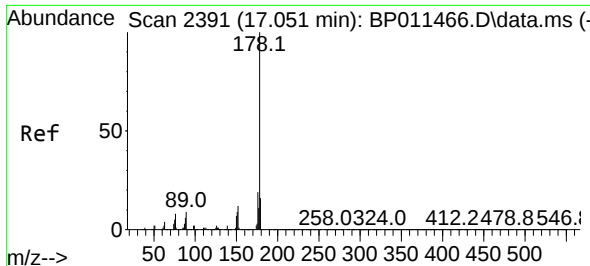
Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Tgt Ion:	266	Resp:	53652
Ion Ratio	Lower	Upper	
266	100		
264	62.9	50.6	76.0
268	65.0	51.3	76.9

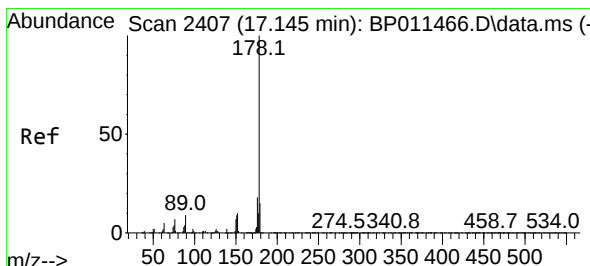
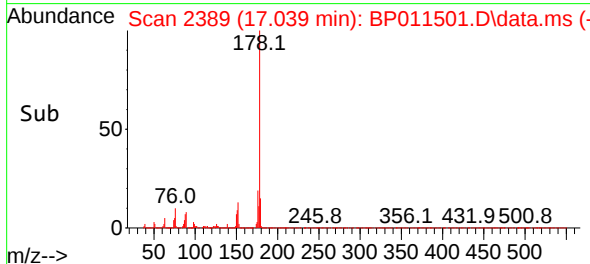
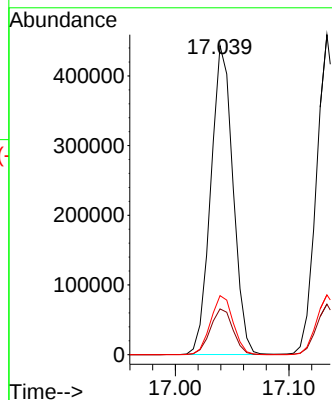
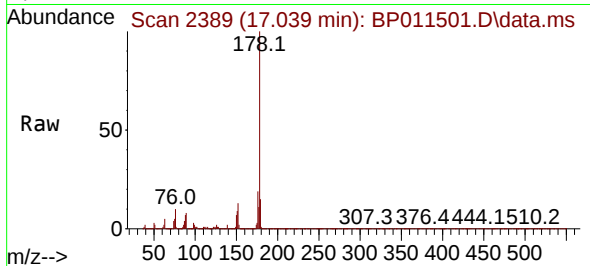




#72
Phenanthrene
Concen: 33.735 ng/ul
RT: 17.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

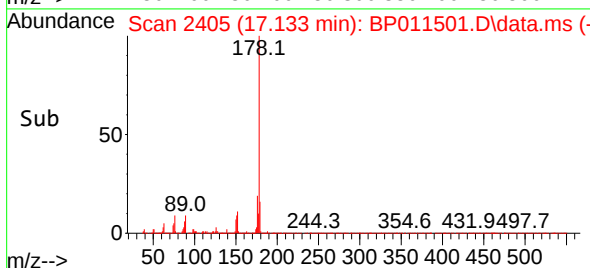
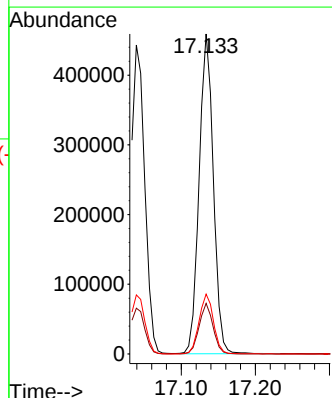
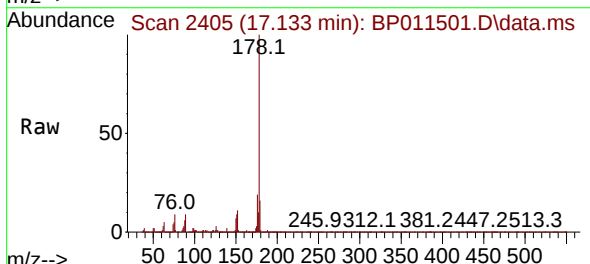
Instrument :
BNA_P
ClientSampleId :

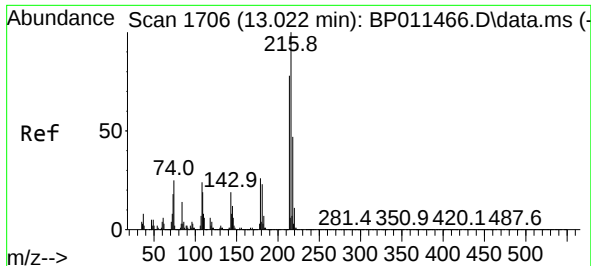
Tgt Ion:178 Resp: 603066
Ion Ratio Lower Upper
178 100
179 14.8 12.6 18.8
176 19.1 15.8 23.8



#74
Anthracene
Concen: 33.841 ng/ul
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:178 Resp: 610329
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 18.7 15.4 23.0

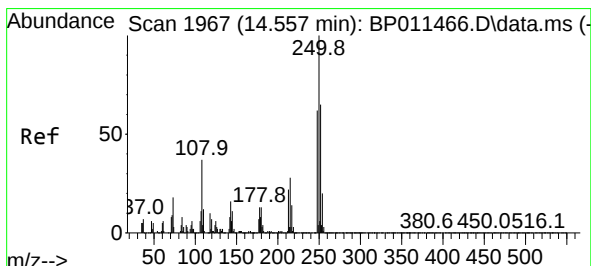
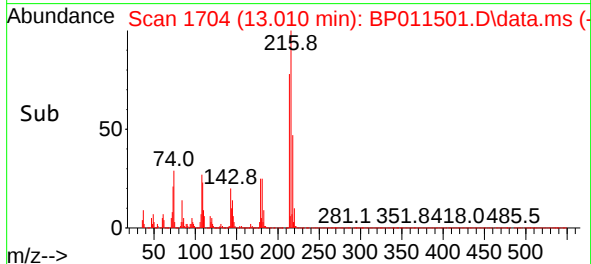
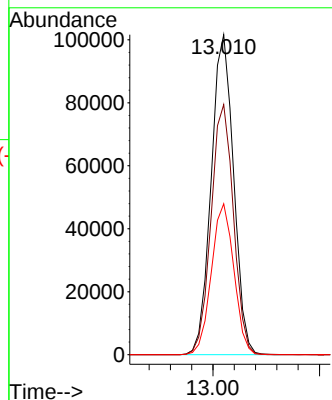
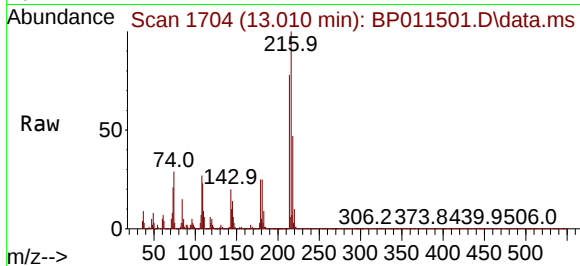




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.018 ng/uL
RT: 13.010 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

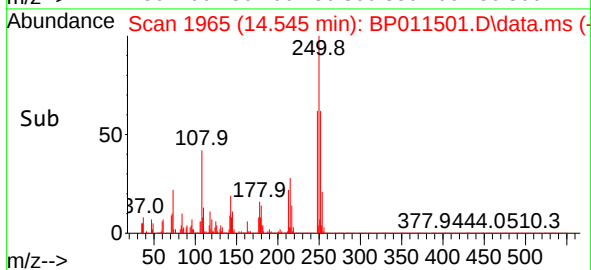
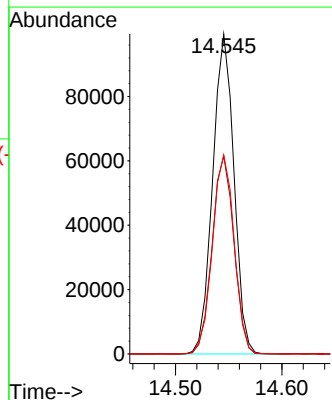
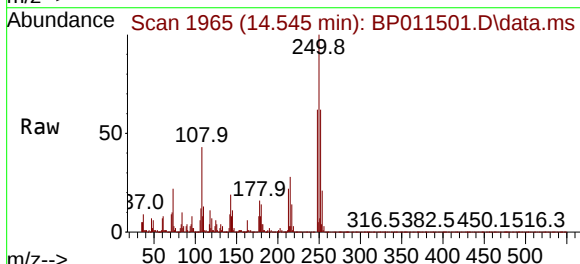
Instrument :
BNA_P
ClientSampleId :

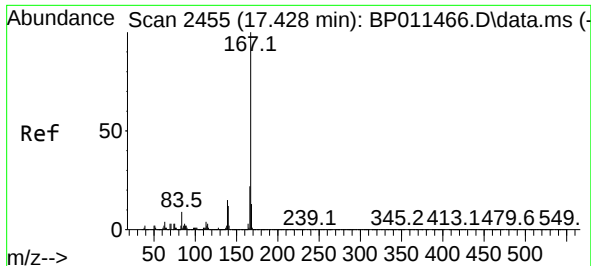
Tgt Ion:216 Resp: 148673
Ion Ratio Lower Upper
216 100
214 78.1 61.8 92.6
218 47.2 37.4 56.0



#76
Pentachlorobenzene
Concen: 34.154 ng/uL
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:250 Resp: 137593
Ion Ratio Lower Upper
250 100
248 61.9 51.7 77.5
252 62.2 50.0 75.0

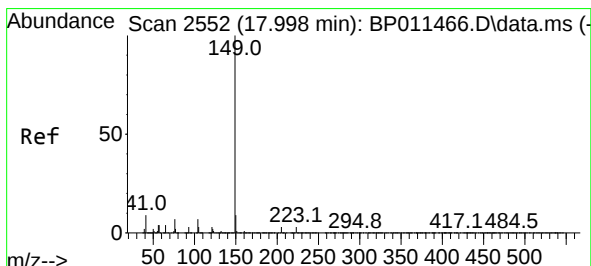
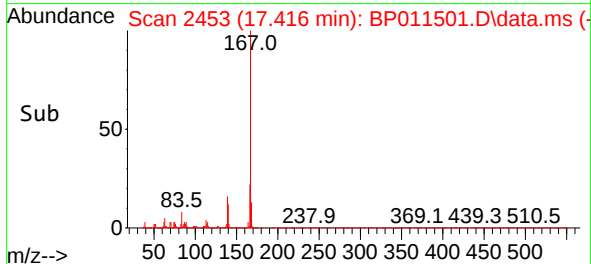
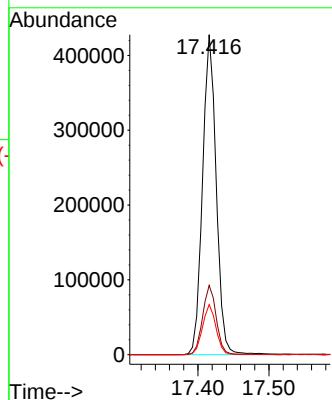
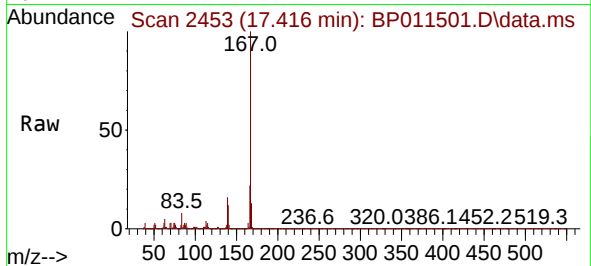




#77
 Carbazole
 Concen: 33.868 ng/ul
 RT: 17.416 min Scan# 2455
 Delta R.T. -0.006 min
 Lab File: BP011501.D
 Acq: 19 Aug 2022 10:40

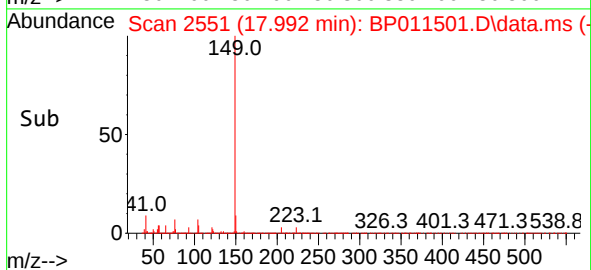
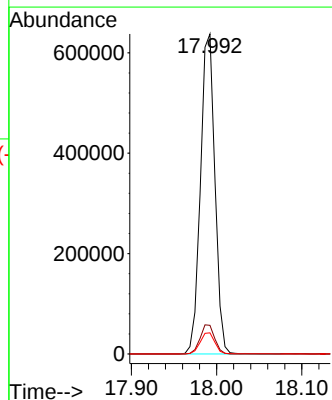
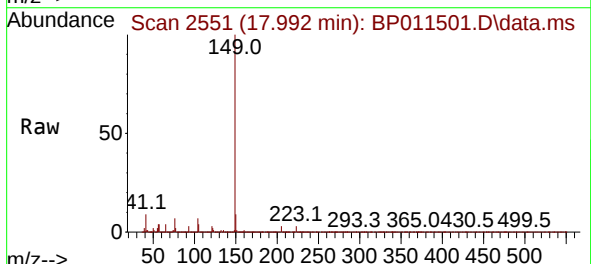
Instrument :
 BNA_P
 ClientSampleId :

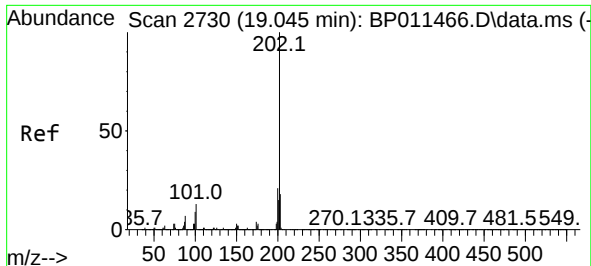
Tgt Ion:167 Resp: 574529
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 15.7 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 35.877 ng/ul
 RT: 17.992 min Scan# 2551
 Delta R.T. -0.000 min
 Lab File: BP011501.D
 Acq: 19 Aug 2022 10:40

Tgt Ion:149 Resp: 749462
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 6.6 5.5 8.3

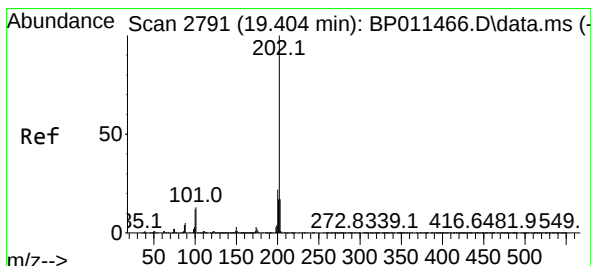
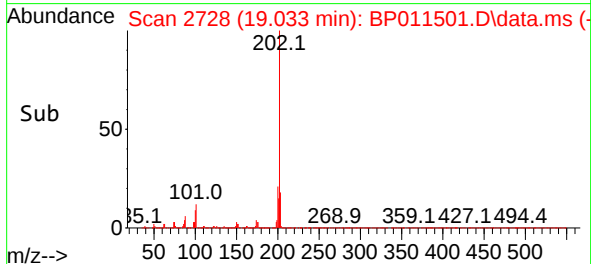
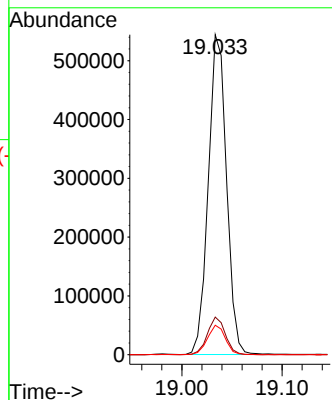
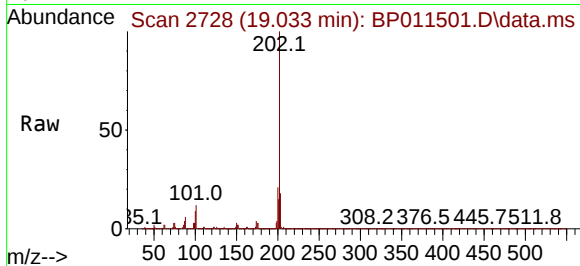




#80
Fluoranthene
Concen: 32.138 ng/ul
RT: 19.033 min Scan# 2730
Delta R.T. -0.006 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

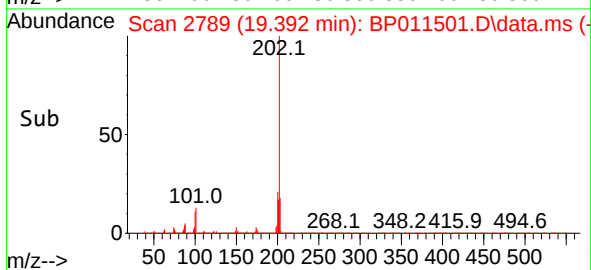
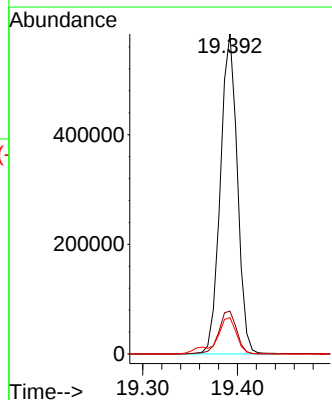
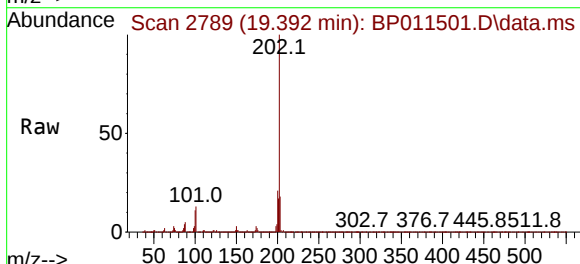
Instrument :
BNA_P
ClientSampleId :

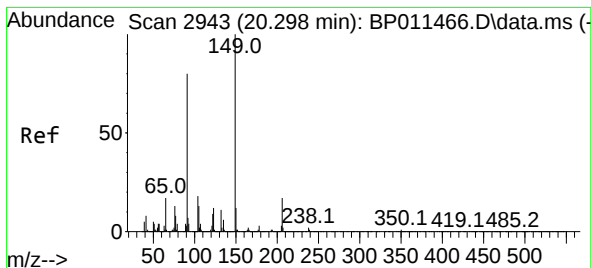
Tgt Ion:202 Resp: 689341
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 9.2 7.9 11.9



#82
Pyrene
Concen: 32.321 ng/ul
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:202 Resp: 728442
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.2
100 11.3 9.4 14.0





#83

Butylbenzylphthalate

Concen: 35.883 ng/ul

RT: 20.292 min Scan# 2943

Delta R.T. -0.000 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

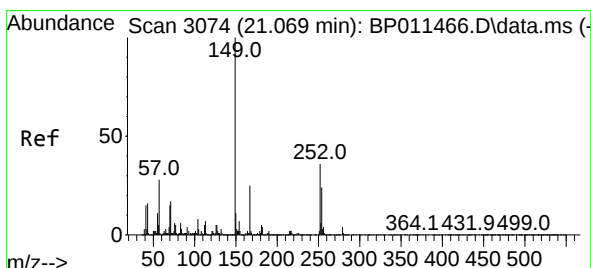
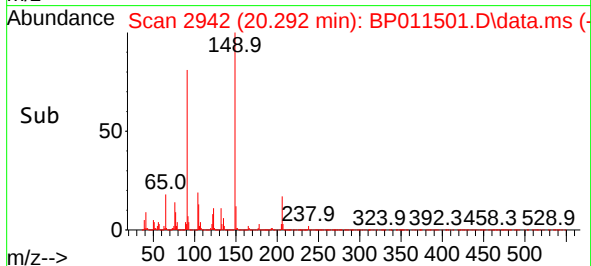
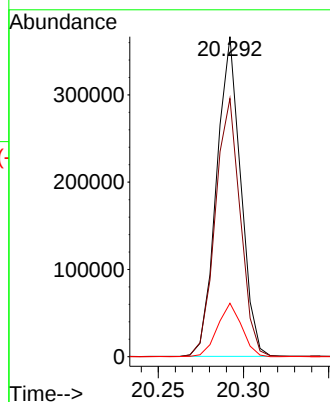
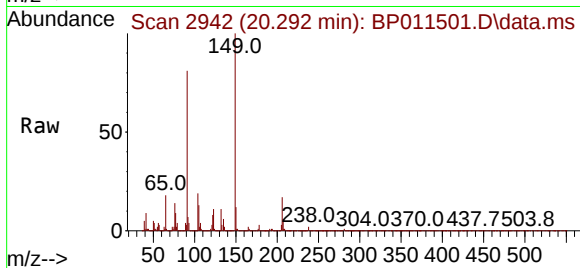
Tgt Ion:149 Resp: 362781

Ion Ratio Lower Upper

149 100

91 80.7 68.5 102.7

206 16.7 12.6 18.8



#84

3,3'-Dichlorobenzidine

Concen: 31.482 ng/ul

RT: 21.057 min Scan# 3072

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

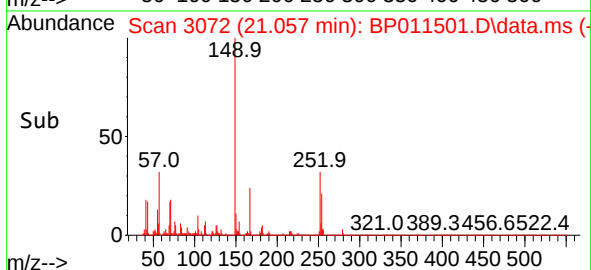
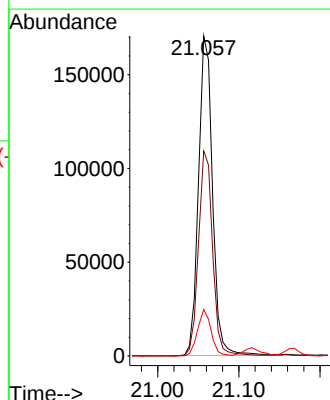
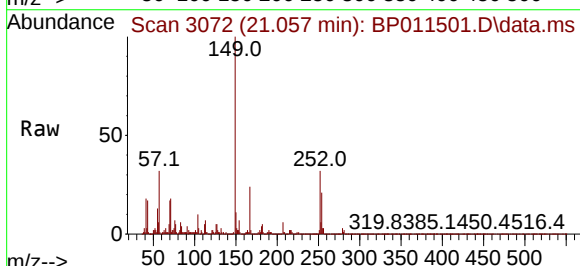
Tgt Ion:252 Resp: 205454

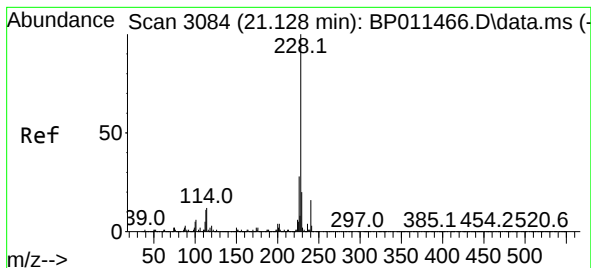
Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

126 14.5 12.2 18.2





#85

Benzo(a)anthracene

Concen: 34.477 ng/ul

RT: 21.116 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

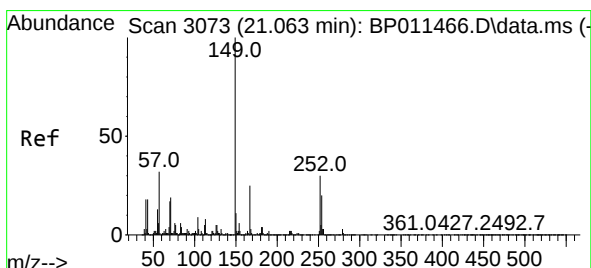
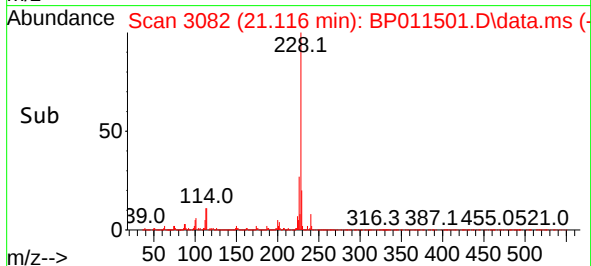
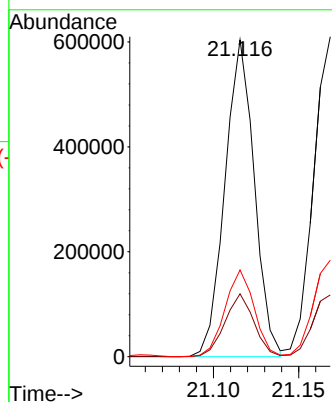
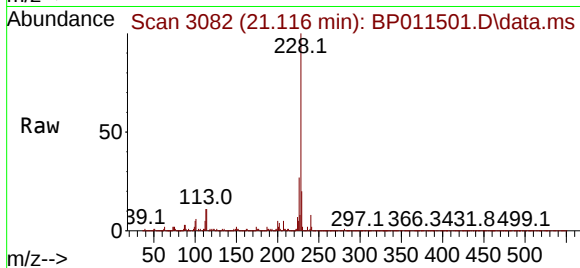
Tgt Ion:228 Resp: 724117

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

226 27.4 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.332 ng/ul

RT: 21.057 min Scan# 3072

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

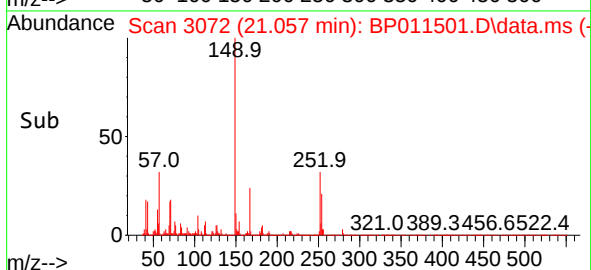
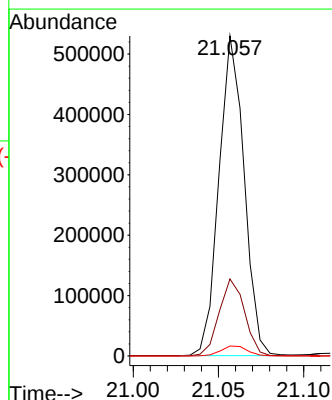
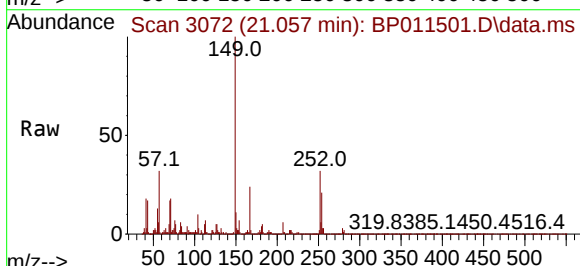
Tgt Ion:149 Resp: 543582

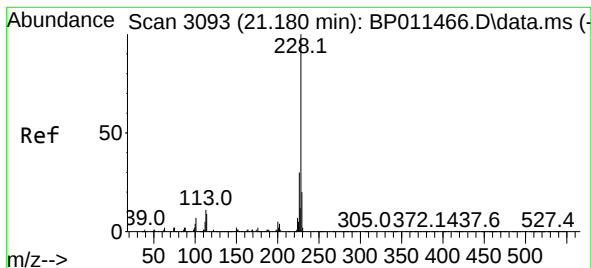
Ion Ratio Lower Upper

149 100

167 24.0 19.8 29.8

279 3.1 2.7 4.1





#87

Chrysene

Concen: 33.808 ng/ul

RT: 21.169 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

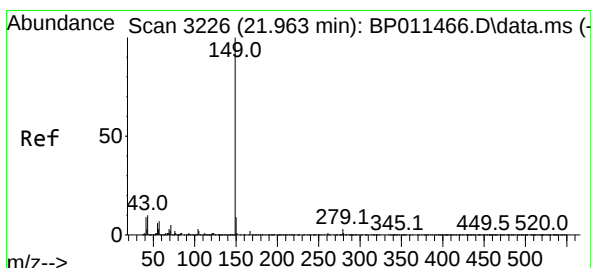
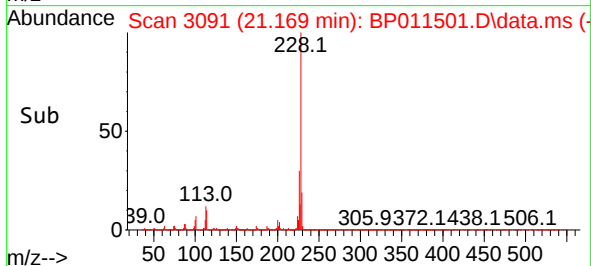
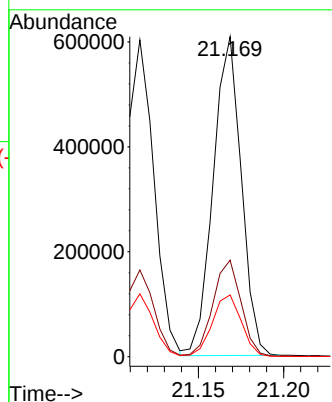
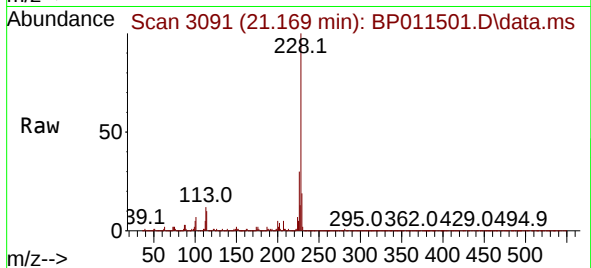
Tgt Ion:228 Resp: 697519

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.3 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 32.352 ng/ul

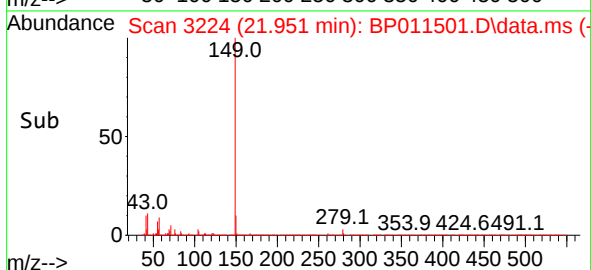
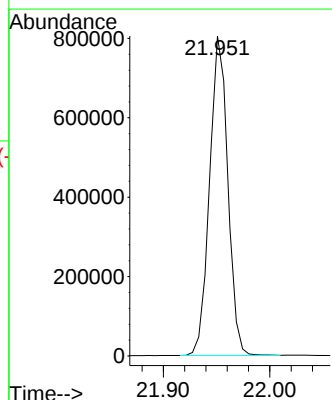
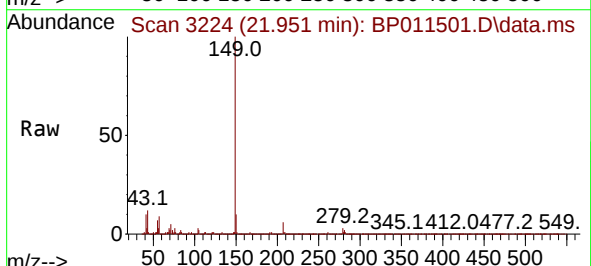
RT: 21.951 min Scan# 3224

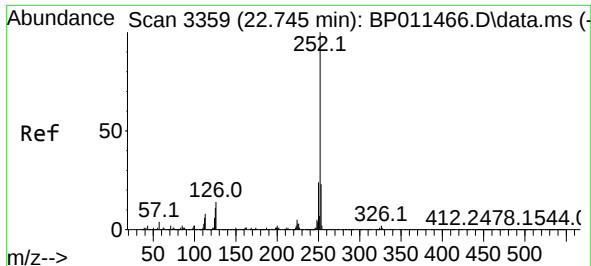
Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Tgt Ion:149 Resp: 957389

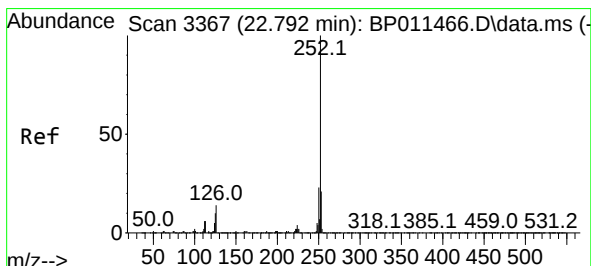
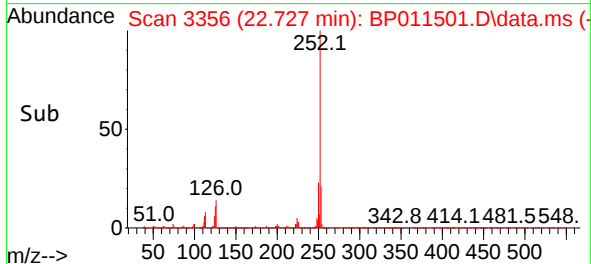
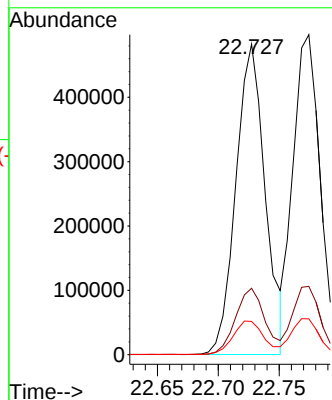
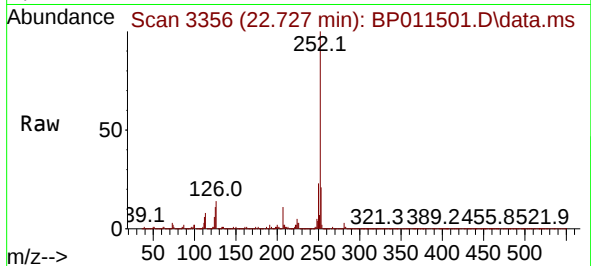




#90
Benzo(b)fluoranthene
Concen: 35.279 ng/ul
RT: 22.727 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

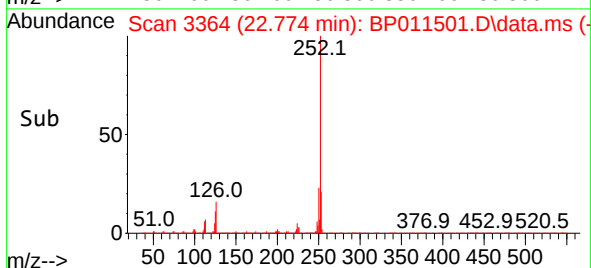
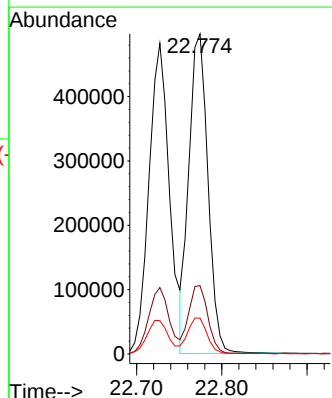
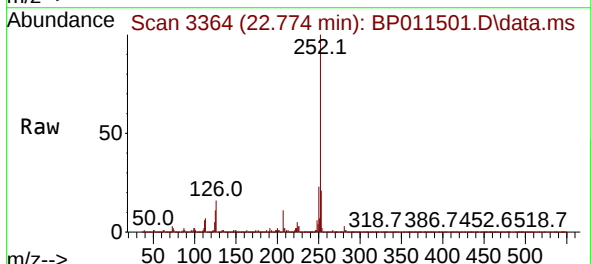
Instrument :
BNA_P
ClientSampleId :

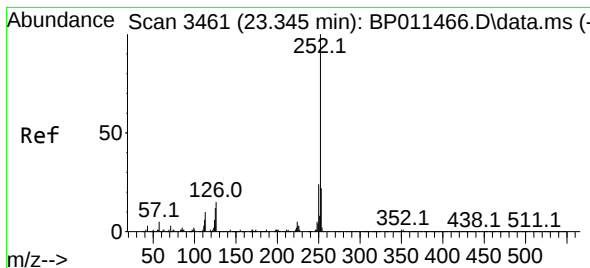
Tgt Ion:252 Resp: 807881
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.7 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 35.305 ng/ul
RT: 22.774 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BP011501.D
Acq: 19 Aug 2022 10:40

Tgt Ion:252 Resp: 771535
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.2 9.8 14.8





#93

Benzo(a)pyrene

Concen: 31.707 ng/ul

RT: 23.321 min Scan# 3461

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

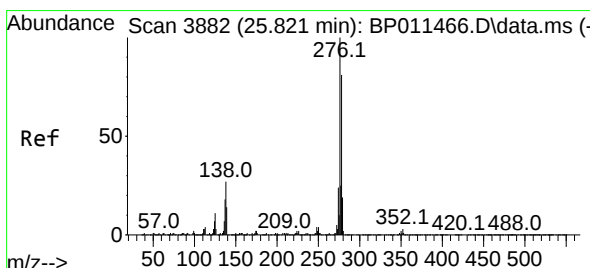
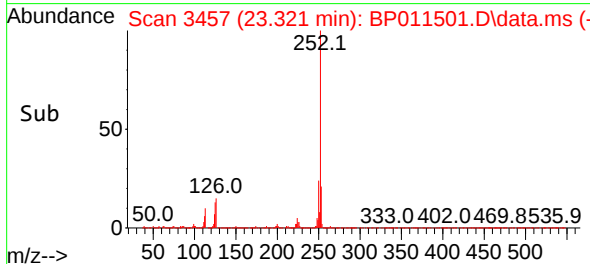
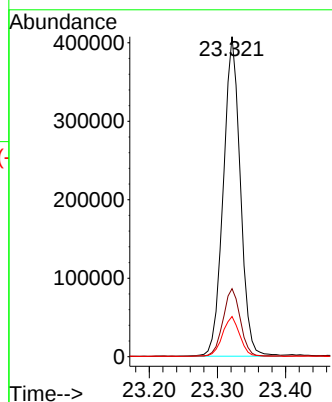
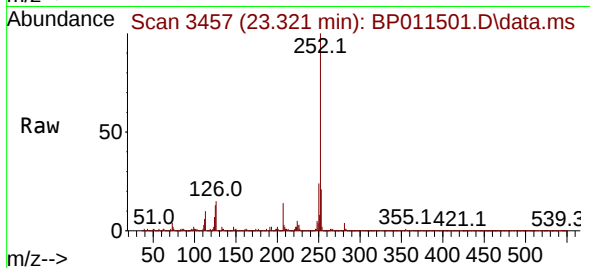
Tgt Ion:252 Resp: 708887

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

125 12.6 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.253 ng/ul

RT: 25.786 min Scan# 3876

Delta R.T. -0.000 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

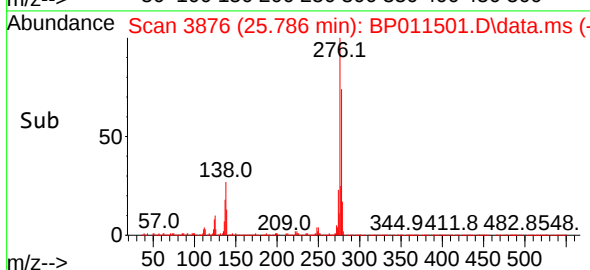
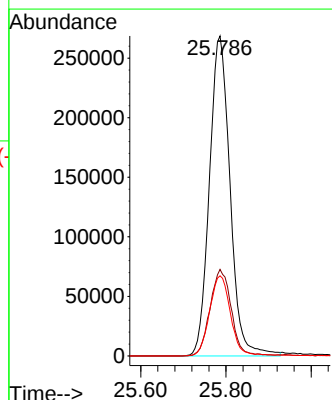
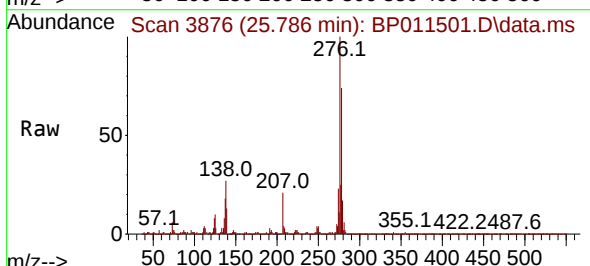
Tgt Ion:276 Resp: 904032

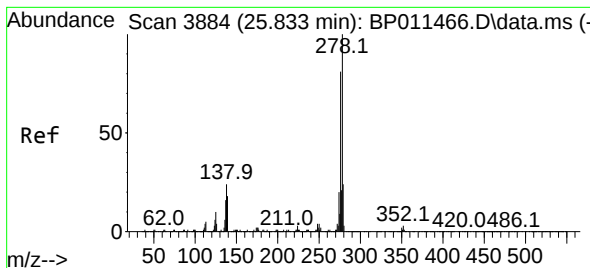
Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.4

277 25.1 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 35.713 ng/ul

RT: 25.798 min Scan# 3999

Delta R.T. -0.006 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Instrument :

BNA_P

ClientSampleId :

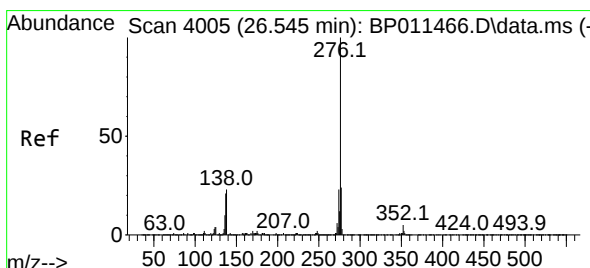
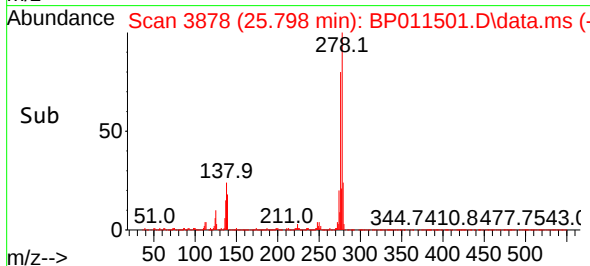
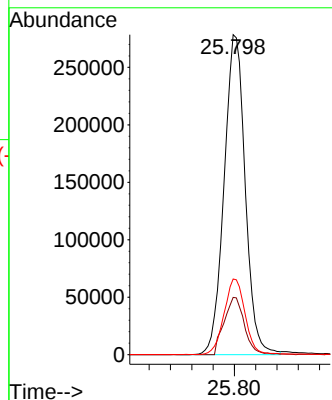
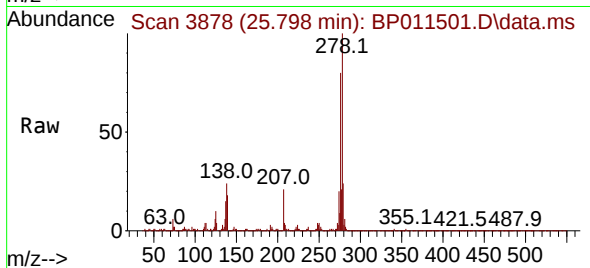
Tgt Ion:278 Resp: 766835

Ion Ratio Lower Upper

278 100

139 17.9 15.4 23.0

279 23.6 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 27.159 ng/ul

RT: 26.509 min Scan# 3999

Delta R.T. -0.000 min

Lab File: BP011501.D

Acq: 19 Aug 2022 10:40

Tgt Ion:276 Resp: 576106

Ion Ratio Lower Upper

276 100

138 23.5 19.4 29.2

277 24.2 19.1 28.7

