

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011499.D
 Acq On : 19 Aug 2022 09:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 20 04:32:20 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	76675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	317079	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.228	164	178487	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	360631	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	374623	20.000	ng/u1	0.00
88) Perylene-d12	23.421	264	408079	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	19490	7.888	ng/uL	0.00
4) Pyridine-d5	3.475	84	115597	18.273	ng/u1	0.00
7) Phenol-d5	6.740	99	123148	17.477	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	81427	17.788	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	100908	19.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	95667	16.963	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	46904	20.547	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.434	143	46250	19.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	83764	19.533	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	126984	17.788	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	236807	18.758	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	278057	19.818	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	42346	17.410	ng/u1	0.00
60) Fluorene-d10	15.234	176	205286	19.329	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	35189	18.058	ng/u1	0.00
73) Anthracene-d10	17.098	188	313083	19.602	ng/u1	0.00
81) Pyrene-d10	19.363	212	351860	18.564	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.274	264	383455	19.317	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	21551	8.365	ng/uL	92
5) Pyridine	3.493	79	118577	18.779	ng/u1	96
6) Benzaldehyde	6.711	77	65244	20.177	ng/u1	97
8) Phenol	6.764	94	126564	17.479	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.999	93	100342	17.765	ng/u1	99
12) 2-Chlorophenol	7.116	128	106887	19.167	ng/u1	98
13) 2-Methylphenol	8.011	108	92769	17.391	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.087	45	90353	10.798	ng/u1	99
16) Acetophenone	8.387	105	159317	16.981	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.375	70	80688	17.290	ng/u1	96
18) 4-Methylphenol	8.340	108	101522	17.191	ng/u1	98
19) Hexachloroethane	8.616	117	49664	19.634	ng/u1	96
22) Nitrobenzene	8.758	77	127991	19.892	ng/u1	99
23) Isophorone	9.287	82	210627	18.648	ng/u1	99
25) 2-Nitrophenol	9.469	139	52913	19.962	ng/u1	95
26) 2,4-Dimethylphenol	9.534	107	122023	19.388	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.775	93	128387	18.805	ng/u1	97
29) 2,4-Dichlorophenol	9.999	162	85178	19.408	ng/u1	94
30) Naphthalene	10.393	128	324476	19.381	ng/u1	99
32) 4-Chloroaniline	10.516	127	130537	17.650	ng/u1	100
33) Hexachlorobutadiene	10.669	225	57212	20.477	ng/u1	97
34) Caprolactam	11.316	113	25945	16.304	ng/u1	92
35) 4-Chloro-3-methylphenol	11.657	107	104963	18.916	ng/u1	99
36) 2-Methylnaphthalene	12.022	142	201062	18.459	ng/u1	100

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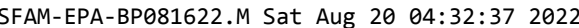
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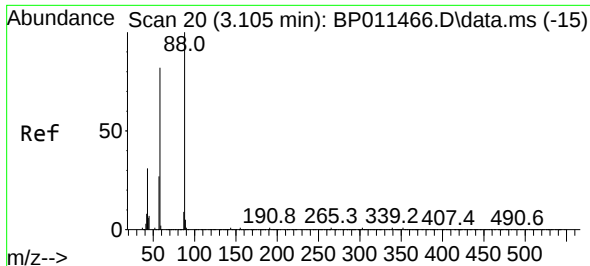
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	204446	18.506	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.393	216	91445	20.185	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	48371	17.211	ng/ul	95
41) 2,4,6-Trichlorophenol	12.646	196	59084	20.264	ng/ul	99
42) 2,4,5-Trichlorophenol	12.716	196	64083	19.744	ng/ul	97
43) 1,1'-Biphenyl	13.051	154	264201	19.866	ng/ul	99
44) 2-Chloronaphthalene	13.093	162	198893	19.846	ng/ul	98
45) 2-Nitroaniline	13.316	65	68303	19.969	ng/ul	98
47) Dimethylphthalate	13.698	163	247761	18.989	ng/ul	100
48) 2,6-Dinitrotoluene	13.822	165	45146	19.246	ng/ul	94
50) Acenaphthylene	13.946	152	326030	19.559	ng/ul	98
51) 3-Nitroaniline	14.157	138	42566	16.659	ng/ul#	99
52) Acenaphthene	14.293	153	217994	19.526	ng/ul	98
53) 2,4-Dinitrophenol	14.369	184	22693	15.806	ng/ul	97
55) 4-Nitrophenol	14.469	109	53640	18.509	ng/ul	92
56) Dibenzofuran	14.634	168	297988	19.355	ng/ul	97
57) 2,4-Dinitrotoluene	14.616	165	69147	19.690	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.863	232	50542	19.834	ng/ul	97
59) Diethylphthalate	15.081	149	273904	19.167	ng/ul	99
61) Fluorene	15.287	166	242053	19.218	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.293	204	111366	19.572	ng/ul	98
63) 4-Nitroaniline	15.328	138	40372	16.358	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.381	198	37260	18.484	ng/ul#	93
67) N-Nitrosodiphenylamine	15.510	169	207435	19.606	ng/ul	97
68) 4-Bromophenyl-phenylether	16.192	248	62407	19.385	ng/ul	96
69) Hexachlorobenzene	16.292	284	73559	19.827	ng/ul	97
70) Atrazine	16.481	200	73374	18.583	ng/ul	98
71) Pentachlorophenol	16.651	266	40725	17.703	ng/ul	100
72) Phenanthrene	17.039	178	375921	19.258	ng/ul	99
74) Anthracene	17.134	178	381917	19.394	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	92858	20.031	ng/uL	98
76) Pentachlorobenzene	14.545	250	88316	20.077	ng/uL	98
77) Carbazole	17.416	167	351466	18.975	ng/ul	97
78) Di-n-butylphthalate	17.992	149	447406	19.614	ng/ul	99
80) Fluoranthene	19.033	202	431007	18.491	ng/ul	98
82) Pyrene	19.392	202	452236	18.465	ng/ul	98
83) Butylbenzylphthalate	20.292	149	212802	19.369	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.057	252	130620	18.418	ng/ul	99
85) Benzo(a)anthracene	21.116	228	442164	19.373	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	319884	19.675	ng/ul	97
87) Chrysene	21.169	228	442258	19.725	ng/ul	100
89) Di-n-octyl phthalate	21.951	149	560994	17.102	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	489683	19.291	ng/ul	99
91) Benzo(k)fluoranthene	22.774	252	453107	18.705	ng/ul	98
93) Benzo(a)pyrene	23.321	252	475814	19.199	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.780	276	550362	19.910	ng/ul	97
95) Dibenzo(a,h)anthracene	25.798	278	470615	19.772	ng/ul	98
96) Benzo(g,h,i)perylene	26.510	276	427782	18.193	ng/ul	98

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

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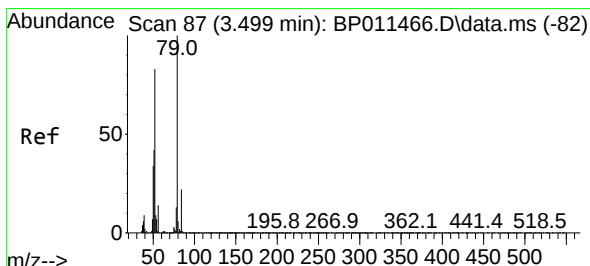
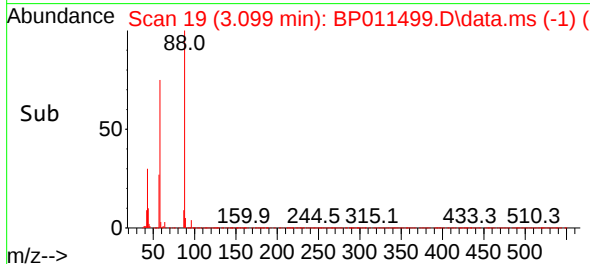
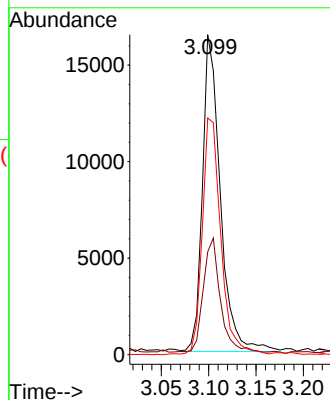
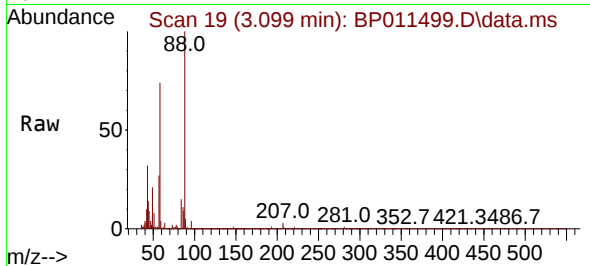




#2
1,4-Dioxane
Concen: 8.365 ng/uL
RT: 3.099 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP011499.D
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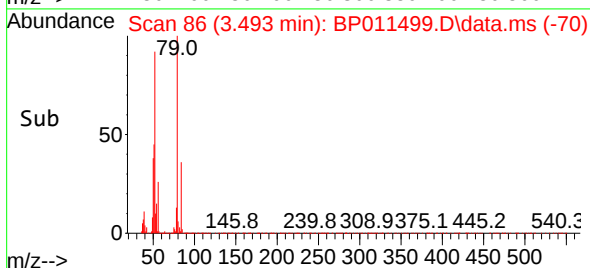
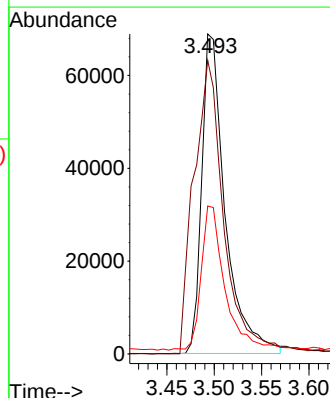
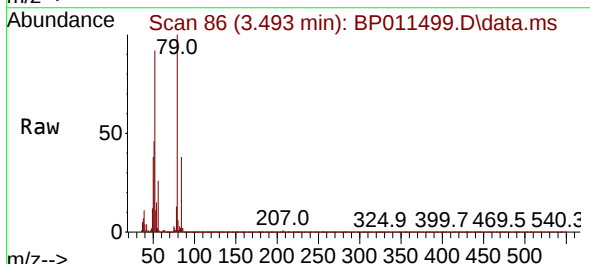
Instrument :
BNA_P
ClientSampleId :

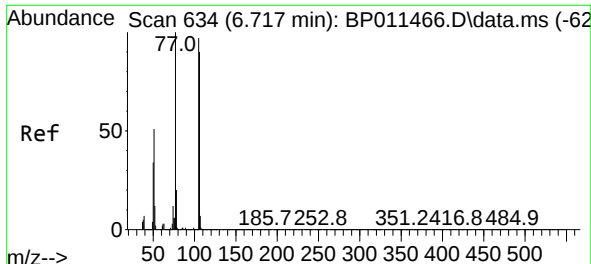
Tgt Ion: 88 Resp: 21551
Ion Ratio Lower Upper
88 100
43 32.1 29.0 43.4
58 74.0 64.7 97.1



#5
Pyridine
Concen: 18.779 ng/uL
RT: 3.493 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion: 79 Resp: 118577
Ion Ratio Lower Upper
79 100
52 91.8 70.2 105.2
51 46.3 36.1 54.1

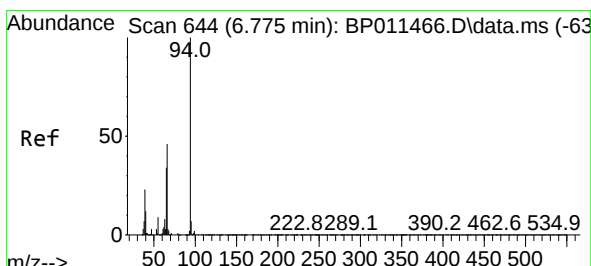
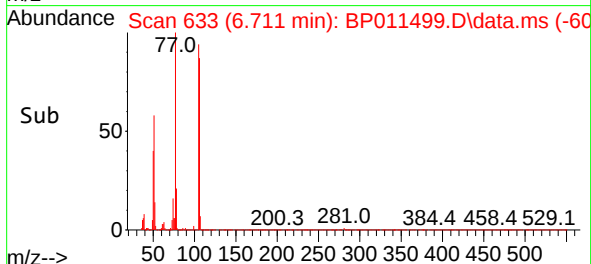
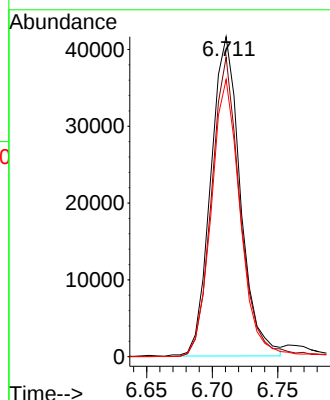
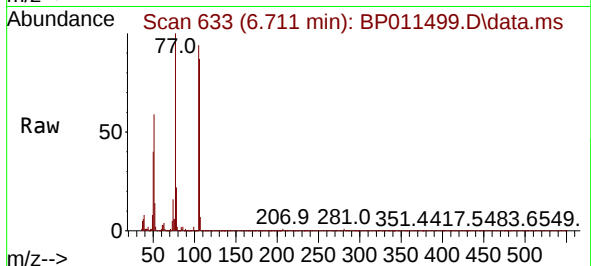




#6
Benzaldehyde
Concen: 20.177 ng/ul
RT: 6.711 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

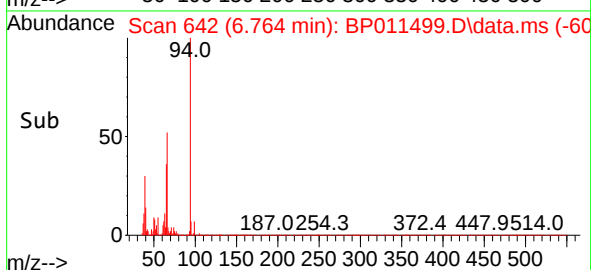
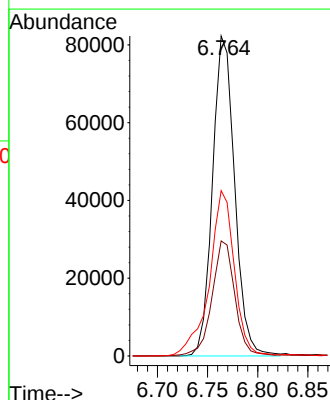
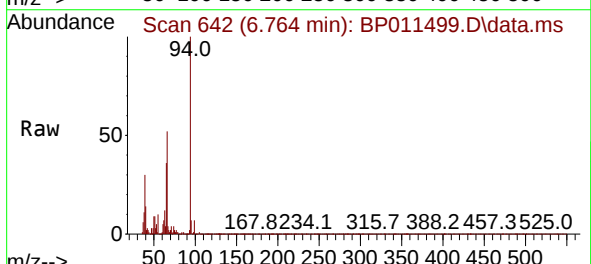
Instrument :
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ClientSampleId :

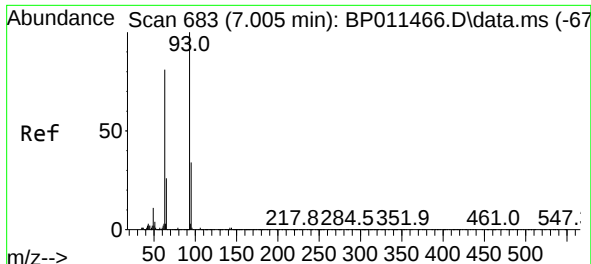
Tgt Ion: 77 Resp: 65244
Ion Ratio Lower Upper
77 100
105 93.6 72.0 108.0
106 86.6 67.4 101.0



#8
Phenol
Concen: 17.479 ng/ul
RT: 6.764 min Scan# 642
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion: 94 Resp: 126564
Ion Ratio Lower Upper
94 100
65 35.9 28.9 43.3
66 51.7 39.4 59.0

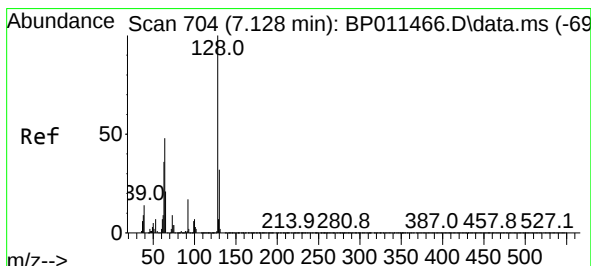
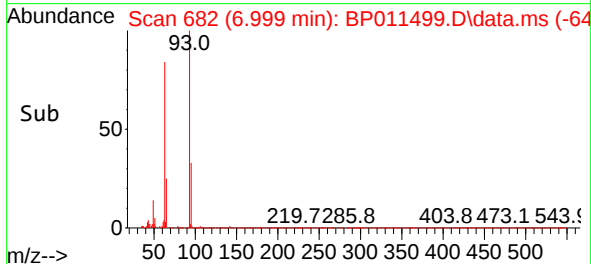
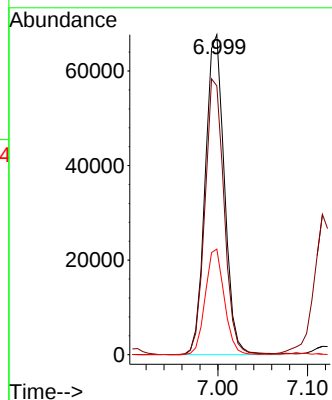
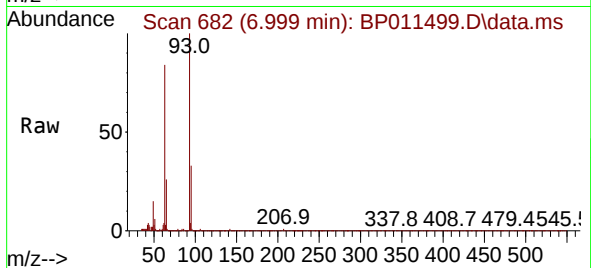




#10
 Bis(2-Chloroethyl)ether
 Concen: 17.765 ng/ul
 RT: 6.999 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP011499.D
 Acq: 19 Aug 2022 09:32

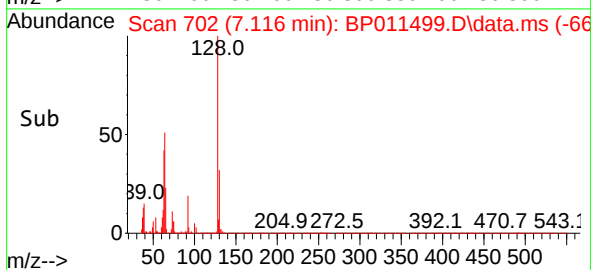
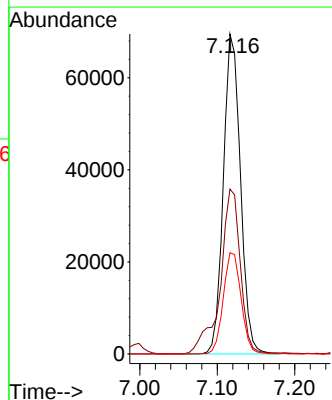
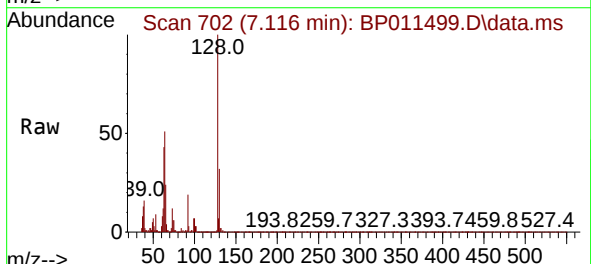
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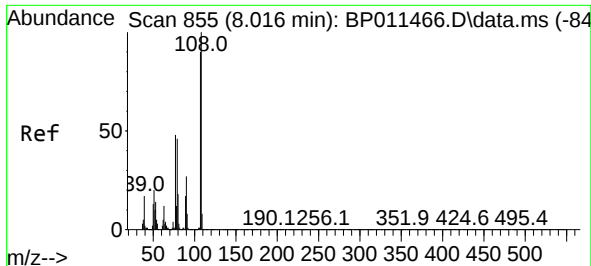
Tgt Ion: 93 Resp: 100342
 Ion Ratio Lower Upper
 93 100
 63 84.0 67.8 101.6
 95 33.0 25.0 37.6



#12
 2-Chlorophenol
 Concen: 19.167 ng/ul
 RT: 7.116 min Scan# 702
 Delta R.T. -0.006 min
 Lab File: BP011499.D
 Acq: 19 Aug 2022 09:32

Tgt Ion: 128 Resp: 106887
 Ion Ratio Lower Upper
 128 100
 64 51.5 40.2 60.2
 130 31.7 24.6 37.0

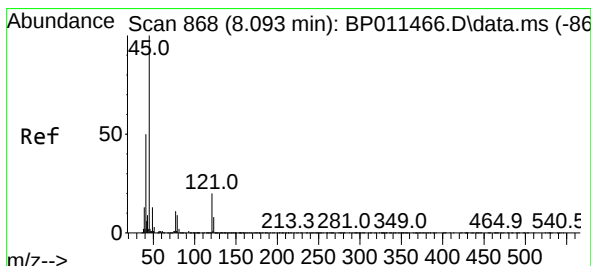
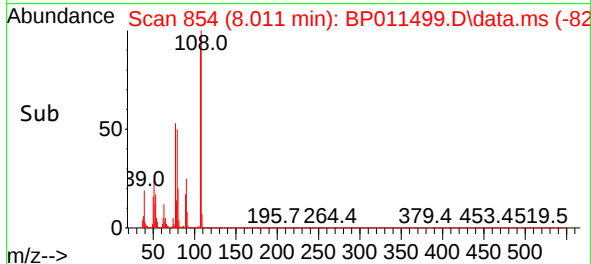
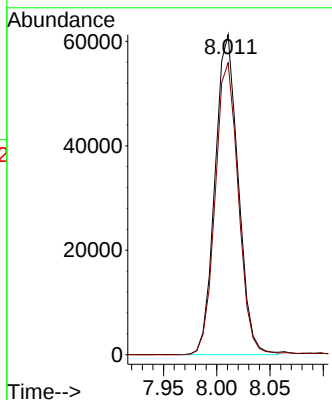
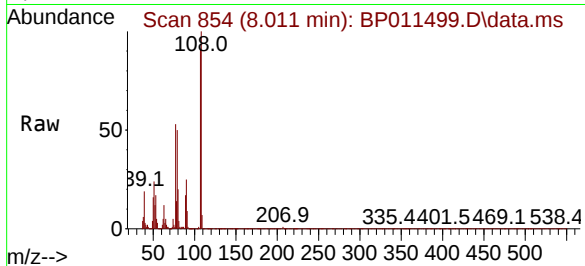




#13
2-Methylphenol
Concen: 17.391 ng/ul
RT: 8.011 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

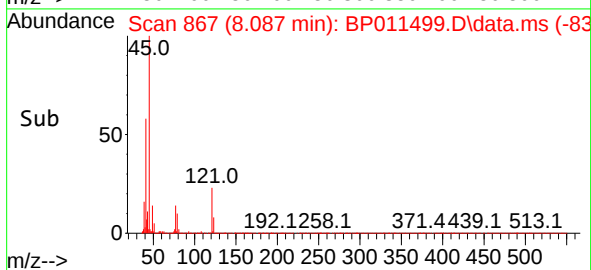
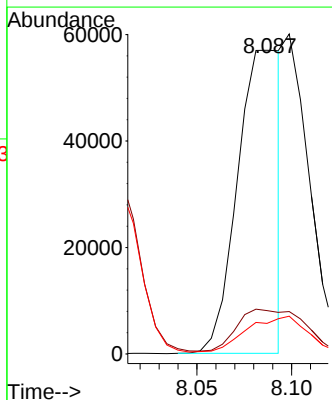
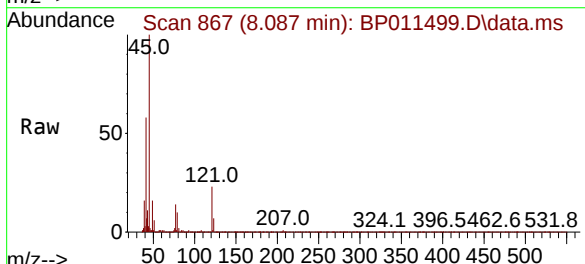
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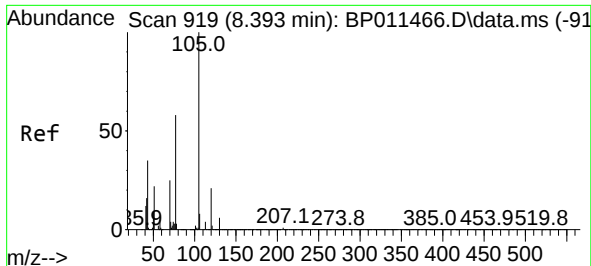
Tgt Ion:108 Resp: 92769
Ion Ratio Lower Upper
108 100
107 91.2 73.2 109.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.798 ng/ul
RT: 8.087 min Scan# 867
Delta R.T. -0.018 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion: 45 Resp: 90353
Ion Ratio Lower Upper
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77 14.3 11.4 17.0
79 10.0 8.6 13.0

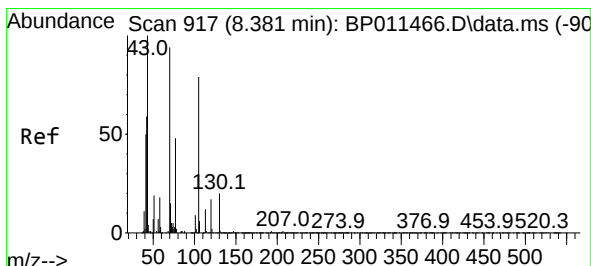
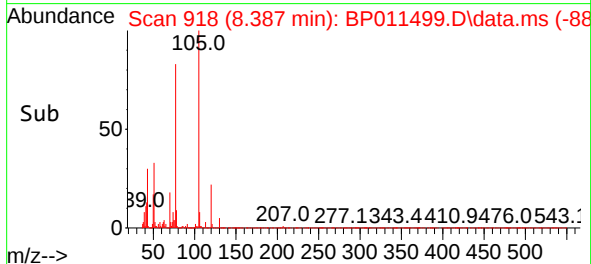
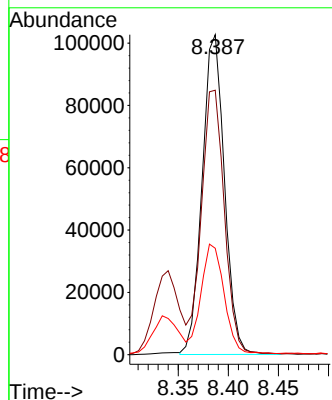
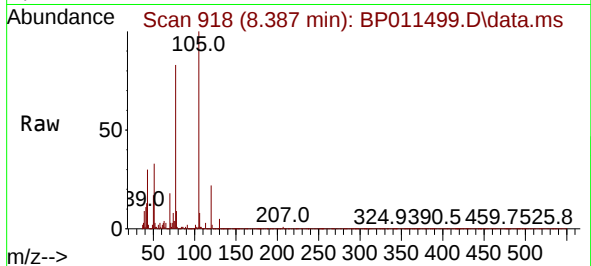




#16
Acetophenone
Concen: 16.981 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP011499.D
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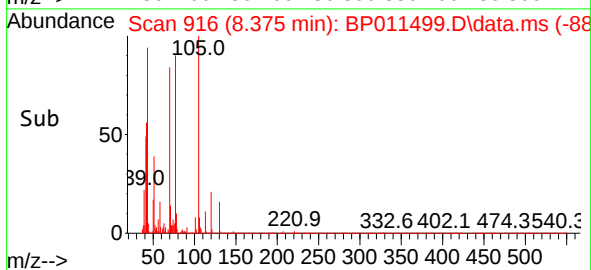
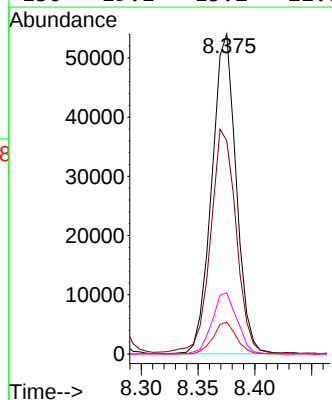
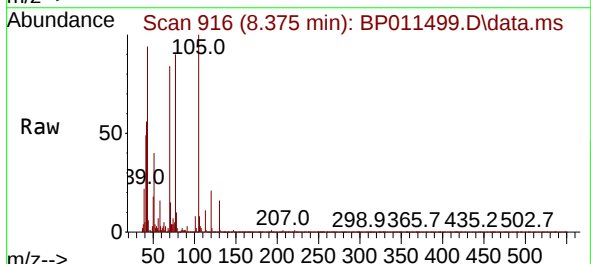
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BNA_P
ClientSampleId :

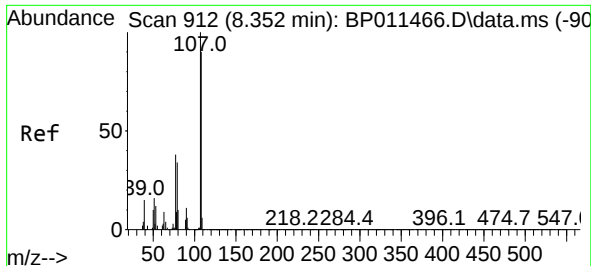
Tgt Ion:105 Resp: 159317
Ion Ratio Lower Upper
105 100
77 82.7 66.4 99.6
51 33.3 28.2 42.4



#17
N-Nitroso-di-n-propylamine
Concen: 17.290 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion: 70 Resp: 80688
Ion Ratio Lower Upper
70 100
42 66.7 57.0 85.4
101 10.0 7.6 11.4
130 19.1 15.2 22.8

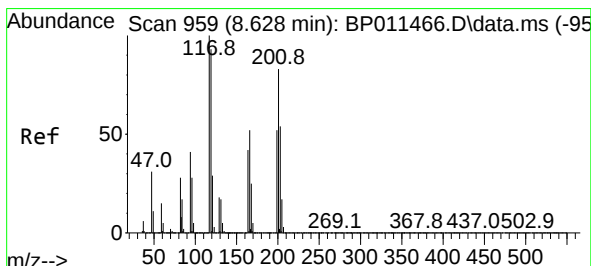
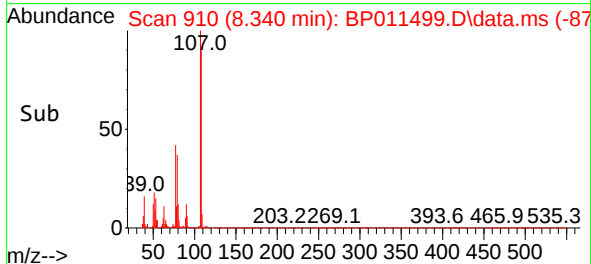
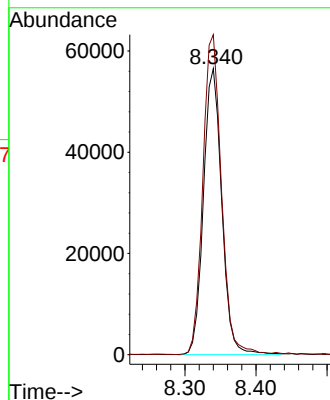
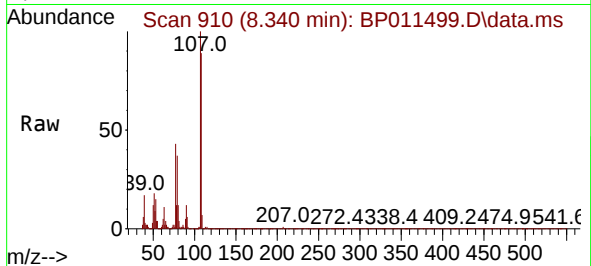




#18
4-Methylphenol
Concen: 17.191 ng/ul
RT: 8.340 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

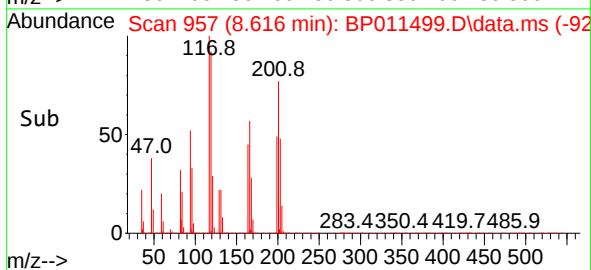
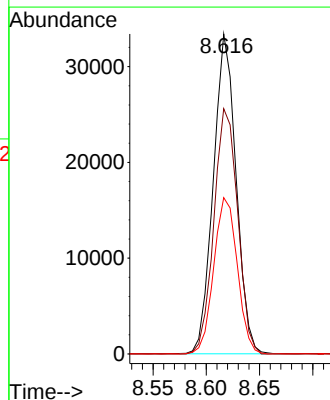
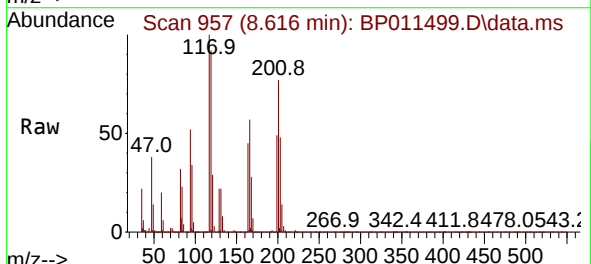
Instrument :
BNA_P
ClientSampleId :

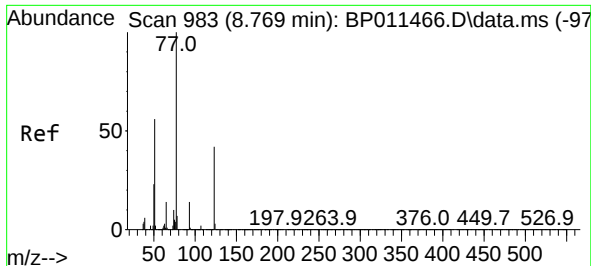
Tgt Ion:108 Resp: 101522
Ion Ratio Lower Upper
108 100
107 111.8 87.7 131.5



#19
Hexachloroethane
Concen: 19.634 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:117 Resp: 49664
Ion Ratio Lower Upper
117 100
201 76.6 64.2 96.4
199 48.9 41.0 61.6

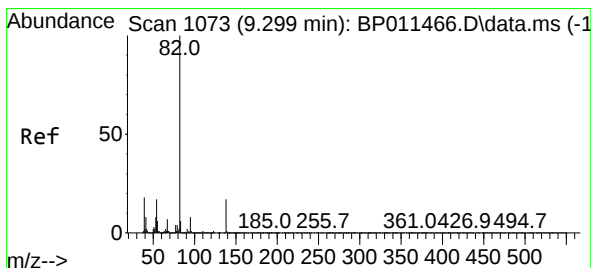
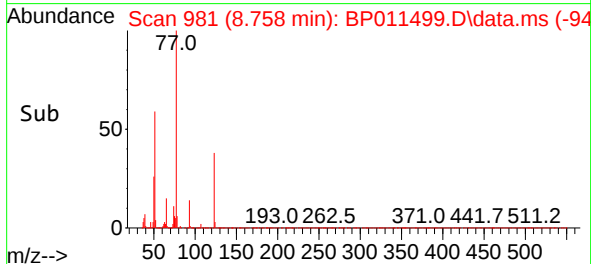
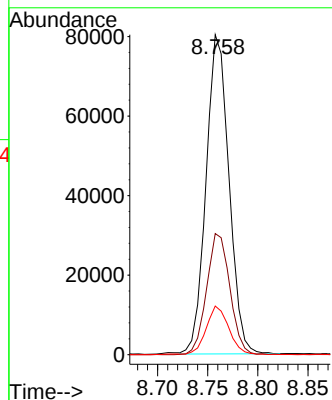
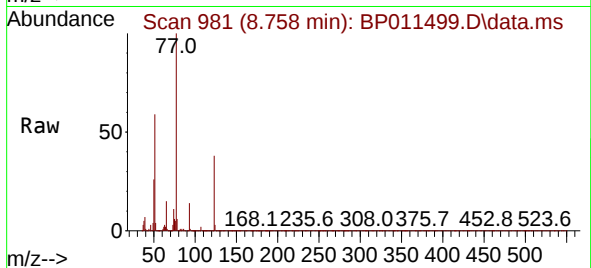




#22
Nitrobenzene
Concen: 19.892 ng/ul
RT: 8.758 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

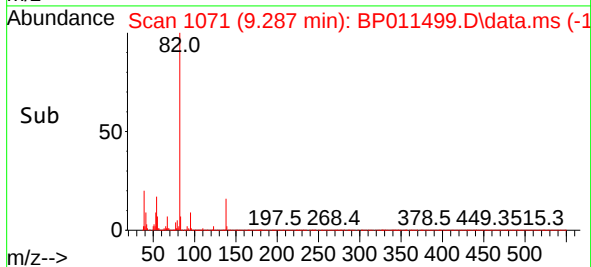
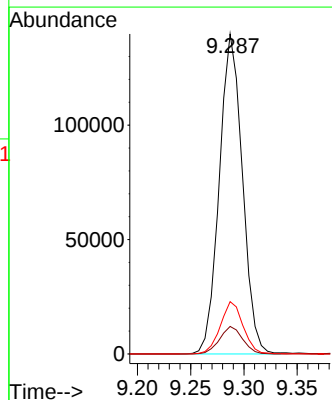
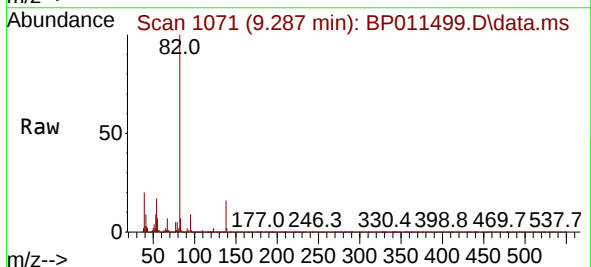
Instrument :
BNA_P
ClientSampleId :

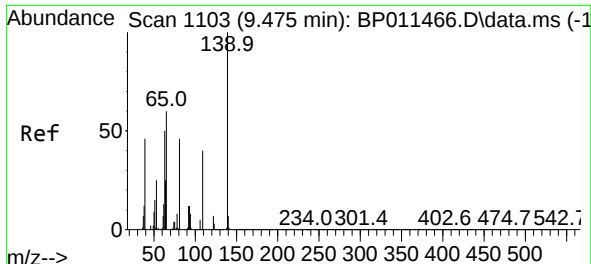
Tgt Ion: 77 Resp: 127991
Ion Ratio Lower Upper
77 100
123 37.8 30.4 45.6
65 15.2 11.5 17.3



#23
Isophorone
Concen: 18.648 ng/ul
RT: 9.287 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion: 82 Resp: 210627
Ion Ratio Lower Upper
82 100
95 8.6 7.1 10.7
138 16.3 12.6 19.0

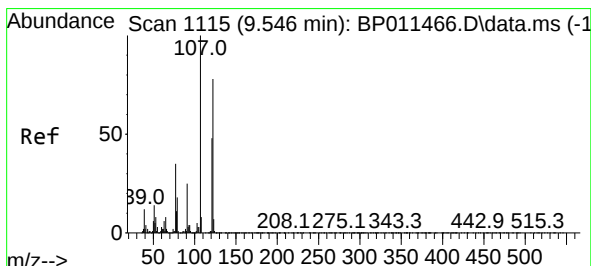
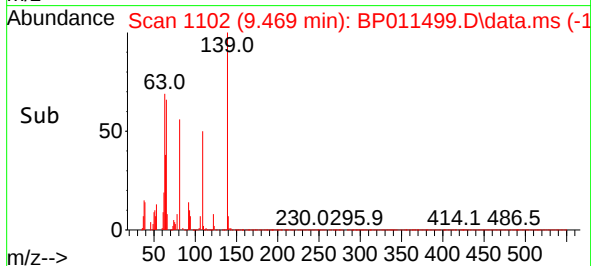
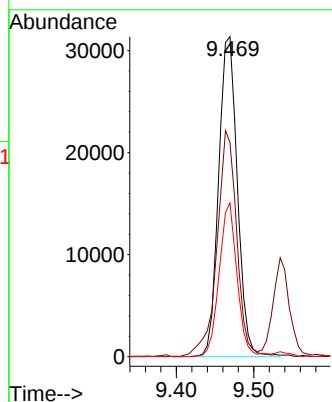
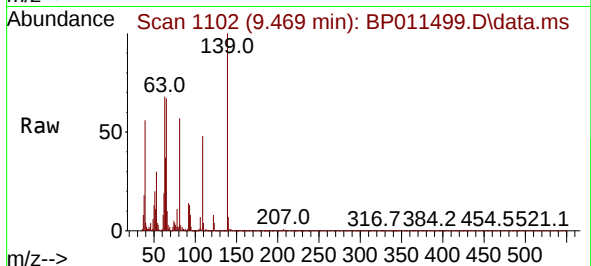




#25
2-Nitrophenol
Concen: 19.962 ng/ul
RT: 9.469 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

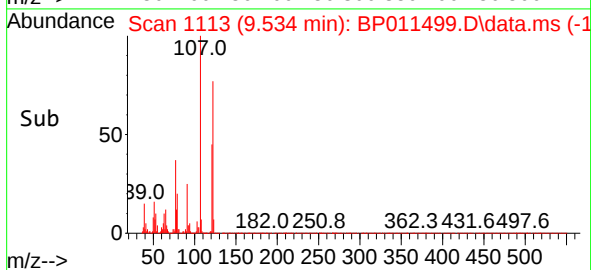
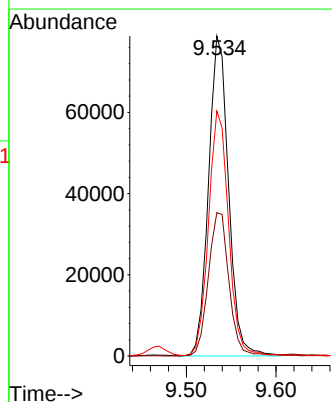
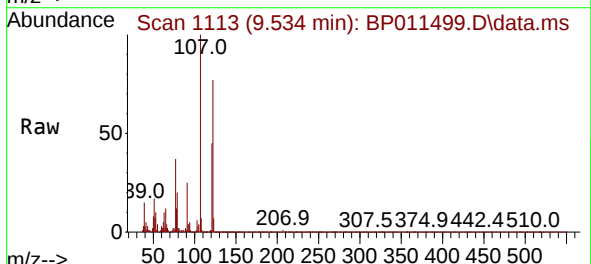
Instrument :
BNA_P
ClientSampleId :

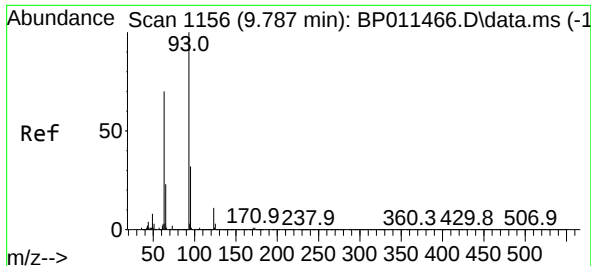
Tgt Ion	Ratio	Lower	Upper
139	100		
65	66.9	50.4	75.6
109	48.1	35.5	53.3



#26
2,4-Dimethylphenol
Concen: 19.388 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion	Ratio	Lower	Upper
107	100		
121	44.8	36.6	55.0
122	76.6	58.7	88.1





#27

Bis(2-Chloroethoxy)methane

Concen: 18.805 ng/ul

RT: 9.775 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

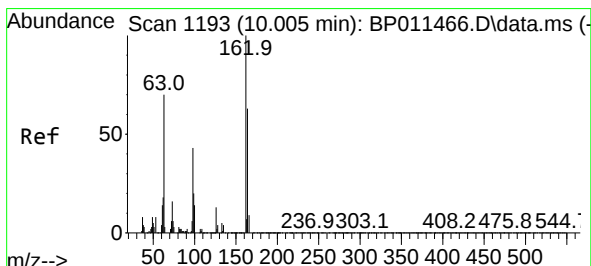
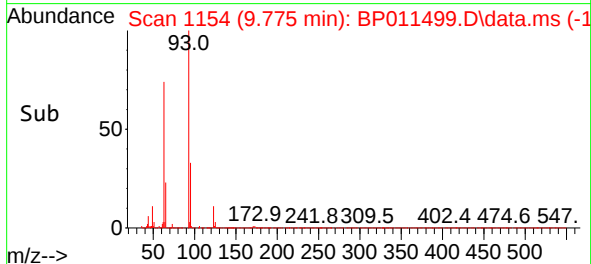
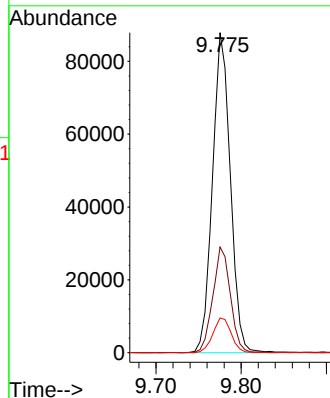
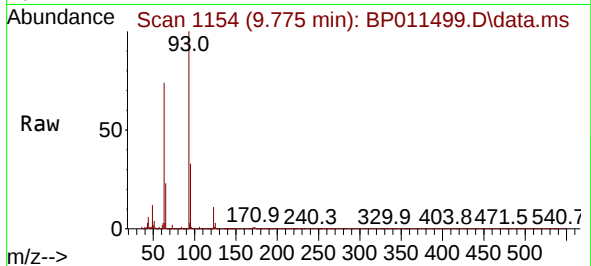
Tgt Ion: 93 Resp: 128387

Ion Ratio Lower Upper

93 100

95 33.0 24.8 37.2

123 10.9 8.2 12.4



#29

2,4-Dichlorophenol

Concen: 19.408 ng/ul

RT: 9.999 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

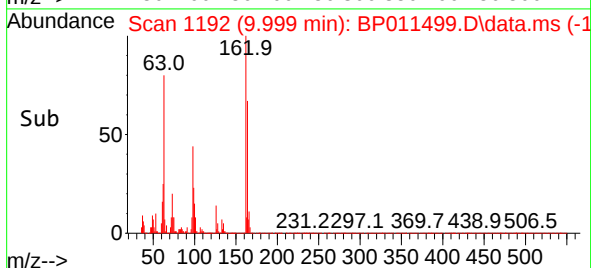
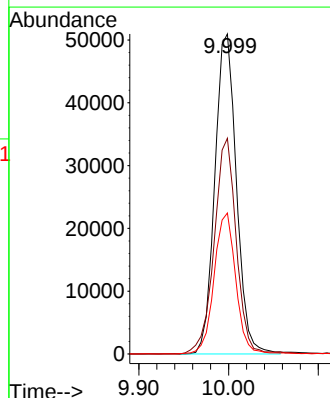
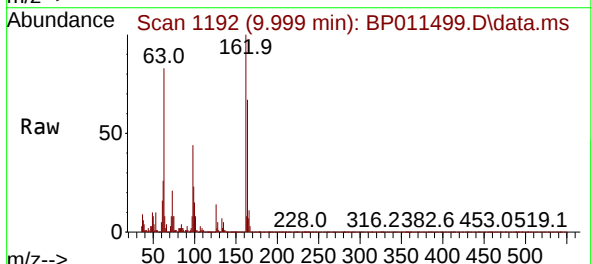
Tgt Ion:162 Resp: 85178

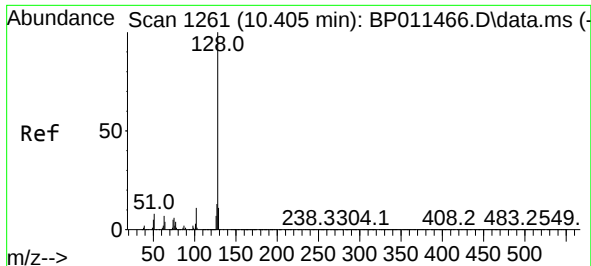
Ion Ratio Lower Upper

162 100

164 67.4 50.2 75.2

98 44.1 32.9 49.3

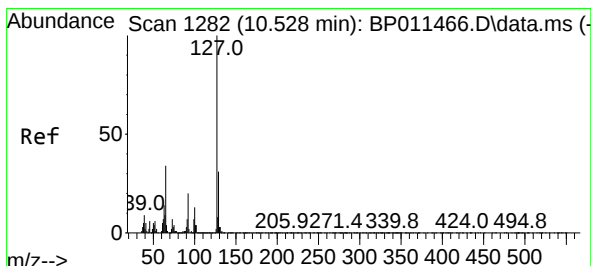
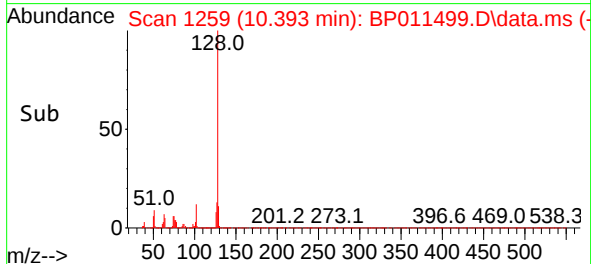
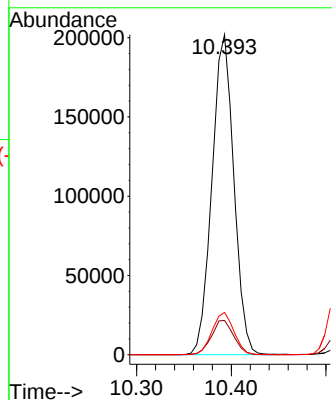
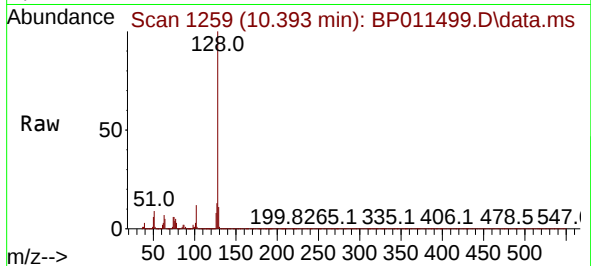




#30
Naphthalene
Concen: 19.381 ng/ul
RT: 10.393 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

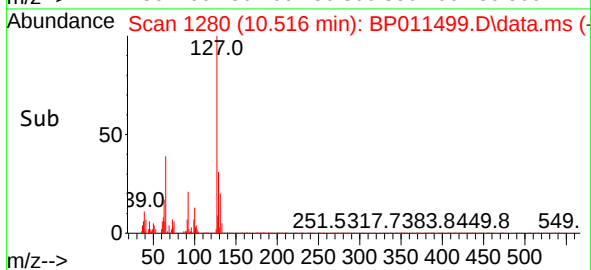
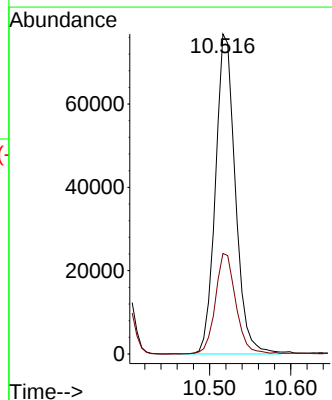
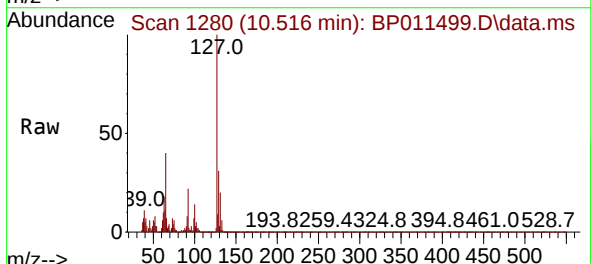
Instrument :
BNA_P
ClientSampleId :

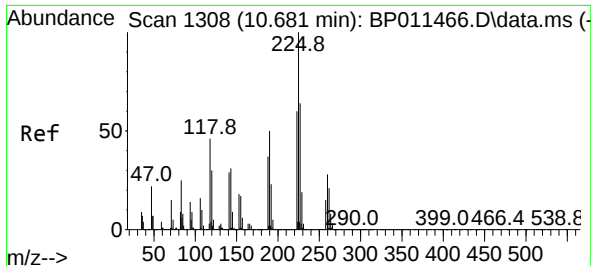
Tgt Ion:128 Resp: 324476
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.2 10.3 15.5



#32
4-Chloroaniline
Concen: 17.650 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

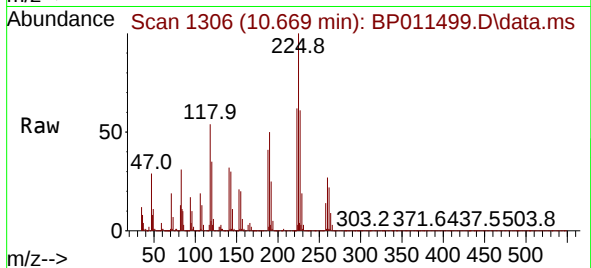
Tgt Ion:127 Resp: 130537
Ion Ratio Lower Upper
127 100
129 31.4 25.1 37.7



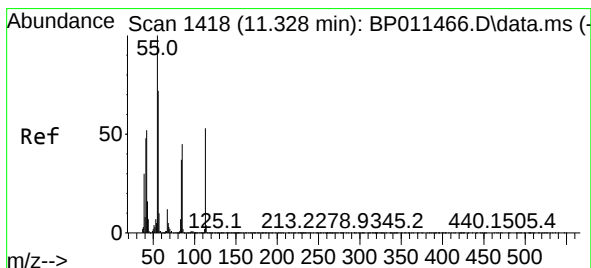
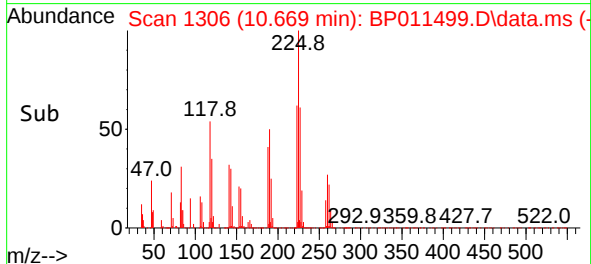
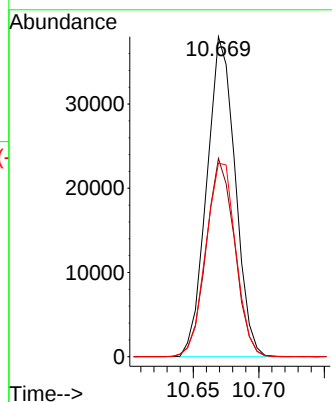


#33
Hexachlorobutadiene
Concen: 20.477 ng/ul
RT: 10.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Instrument :
BNA_P
ClientSampleId :

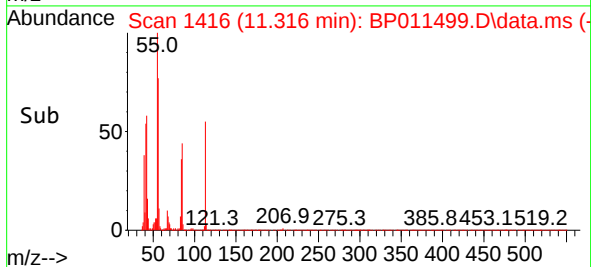
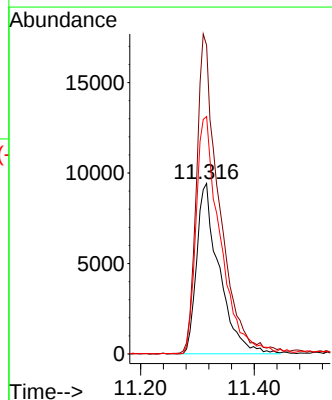
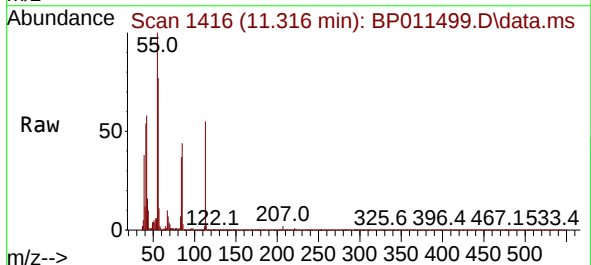


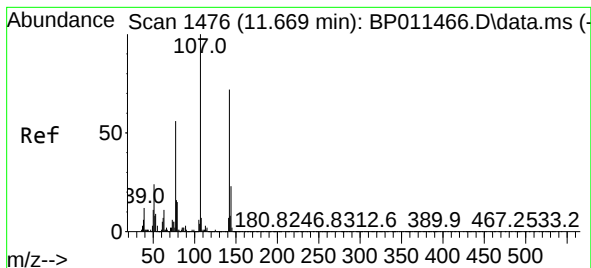
Tgt Ion:225 Resp: 57212
Ion Ratio Lower Upper
225 100
223 62.0 47.8 71.8
227 60.5 50.0 75.0



#34
Caprolactam
Concen: 16.304 ng/ul
RT: 11.316 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:113 Resp: 25945
Ion Ratio Lower Upper
113 100
55 181.0 153.4 230.2
56 139.3 119.6 179.4

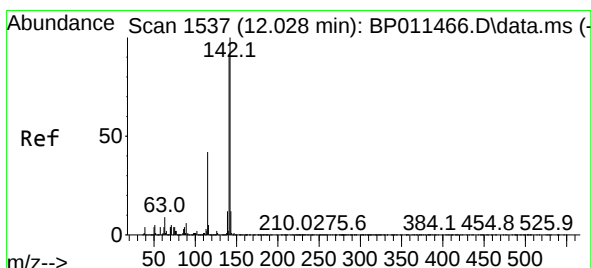
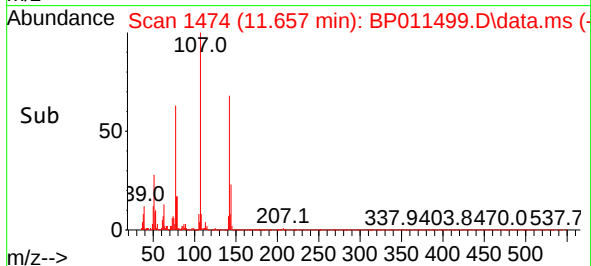
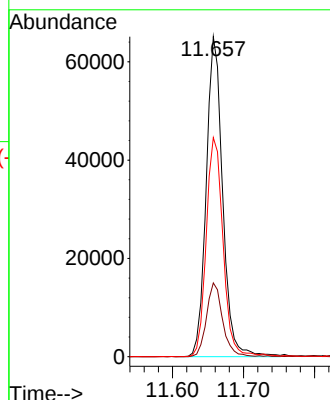
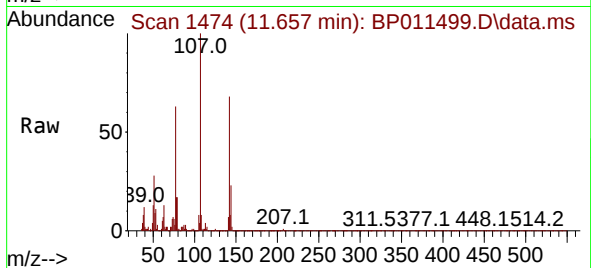




#35
4-Chloro-3-methylphenol
Concen: 18.916 ng/ul
RT: 11.657 min Scan# 1476
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

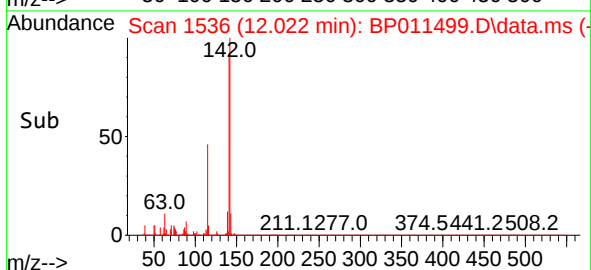
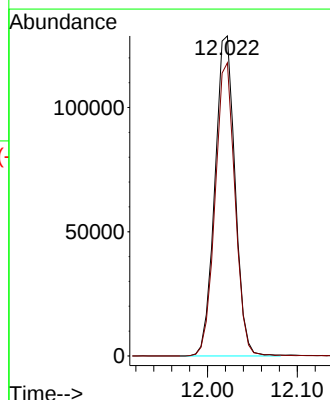
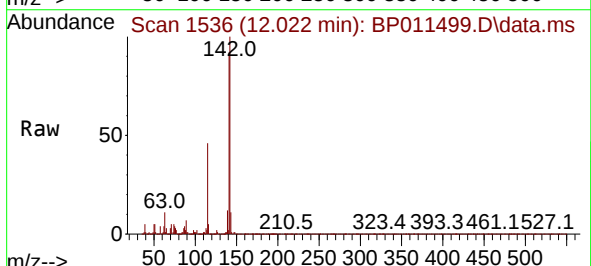
Instrument :
BNA_P
ClientSampleId :

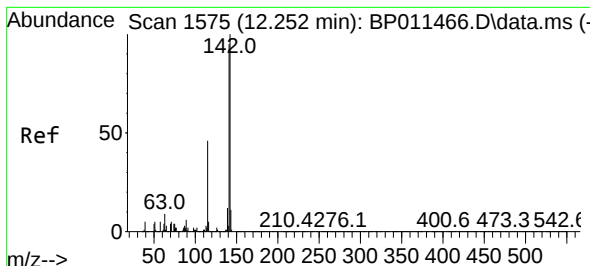
Tgt Ion:107 Resp: 104963
Ion Ratio Lower Upper
107 100
144 23.0 18.3 27.5
142 68.4 55.8 83.8



#36
2-Methylnaphthalene
Concen: 18.459 ng/ul
RT: 12.022 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:142 Resp: 201062
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0





#37

1-Methylnaphthalene

Concen: 18.506 ng/ul

RT: 12.240 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

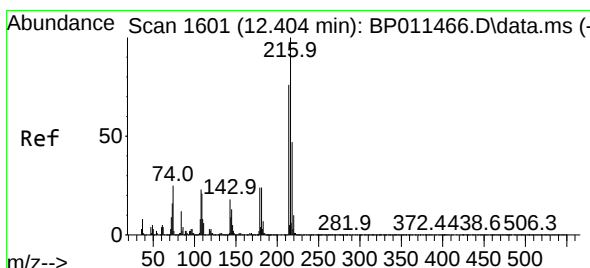
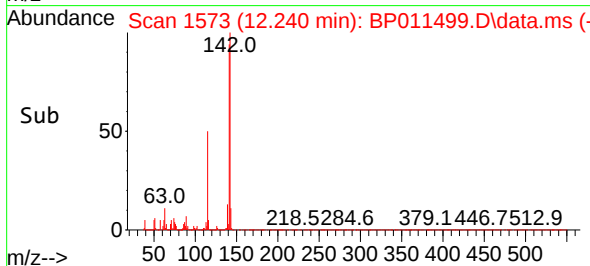
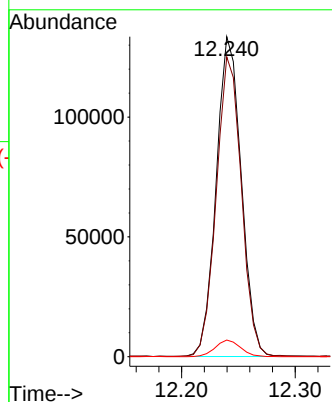
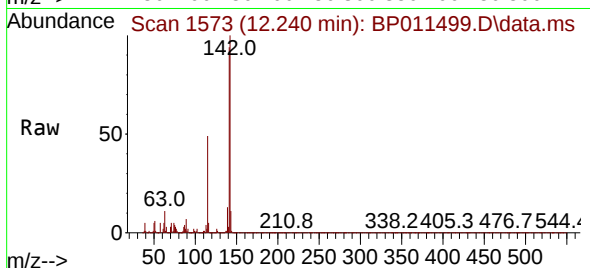
Tgt Ion:142 Resp: 204446

Ion Ratio Lower Upper

142 100

141 93.7 73.0 109.6

116 5.2 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.185 ng/ul

RT: 12.393 min Scan# 1599

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Tgt Ion:216 Resp: 91445

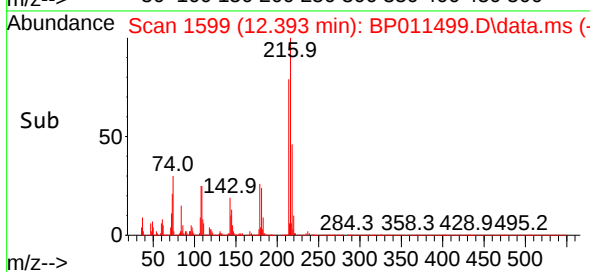
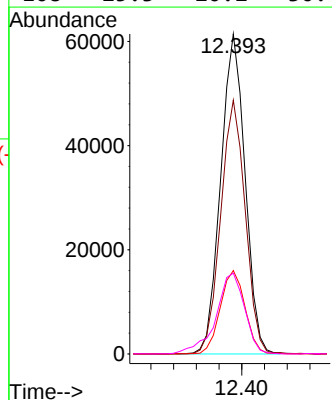
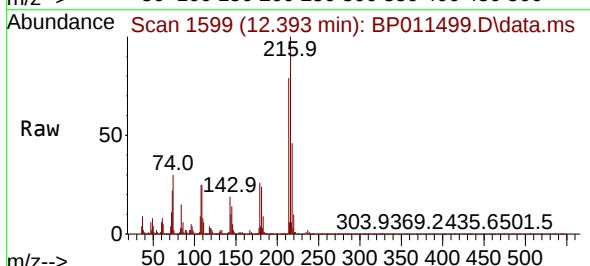
Ion Ratio Lower Upper

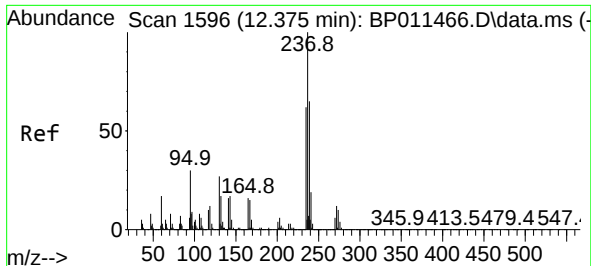
216 100

214 79.3 60.4 90.6

179 26.1 20.0 30.0

108 25.3 20.2 30.4

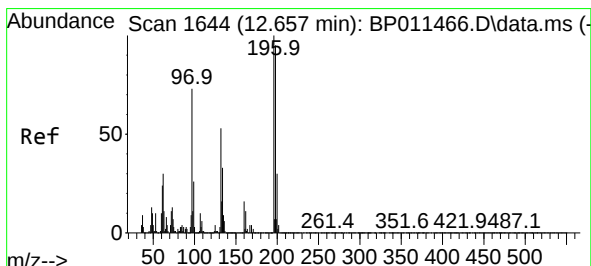
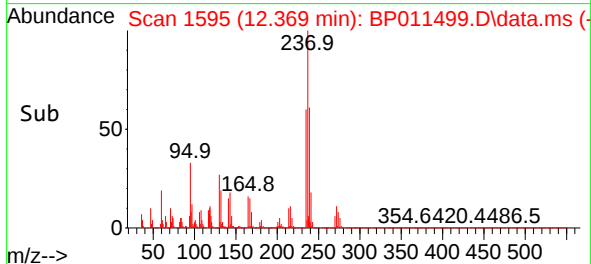
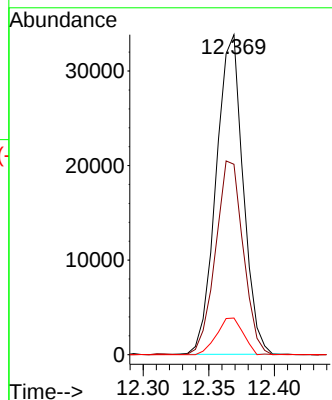
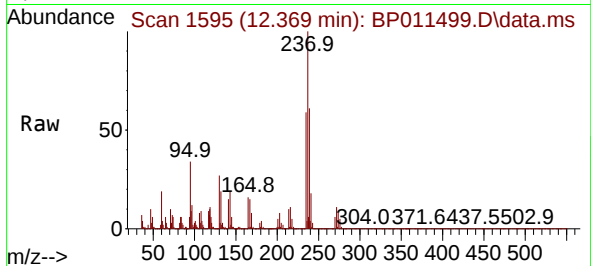




#40
Hexachlorocyclopentadiene
Concen: 17.211 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

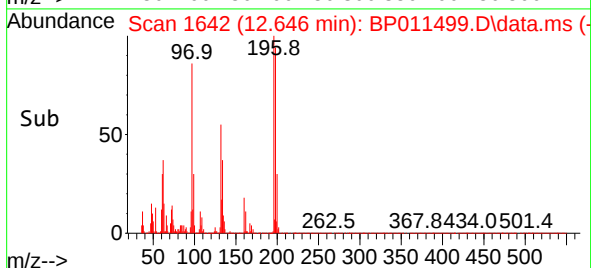
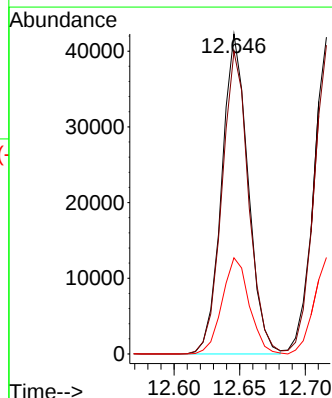
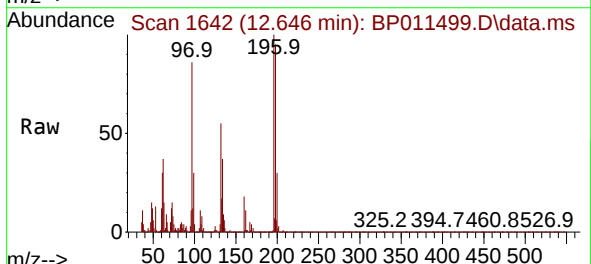
Instrument :
BNA_P
ClientSampleId :

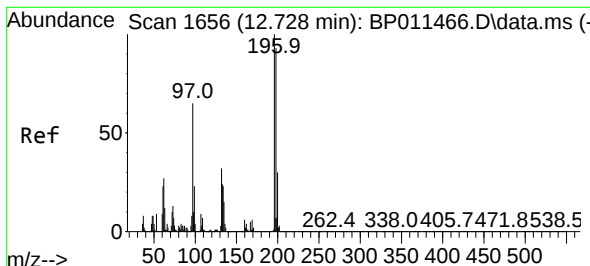
Tgt Ion:237 Resp: 48371
Ion Ratio Lower Upper
237 100
235 59.5 50.9 76.3
272 11.5 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 20.264 ng/ul
RT: 12.646 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:196 Resp: 59084
Ion Ratio Lower Upper
196 100
198 94.5 75.6 113.4
200 30.1 23.1 34.7





#42

2,4,5-Trichlorophenol

Concen: 19.744 ng/ul

RT: 12.716 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

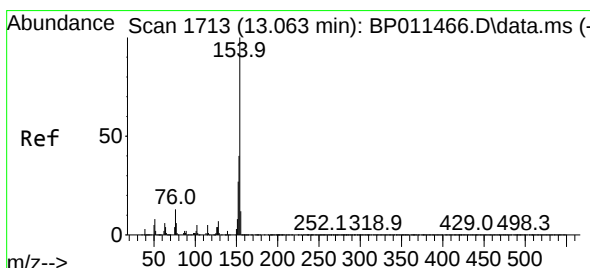
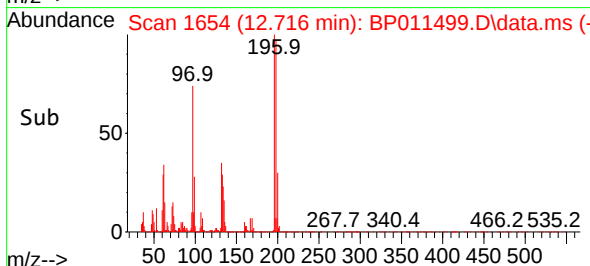
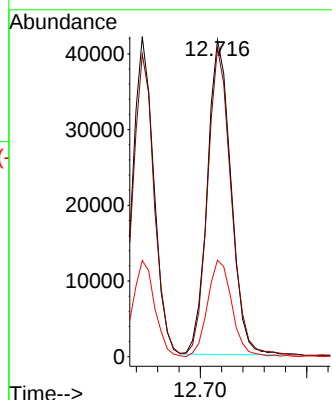
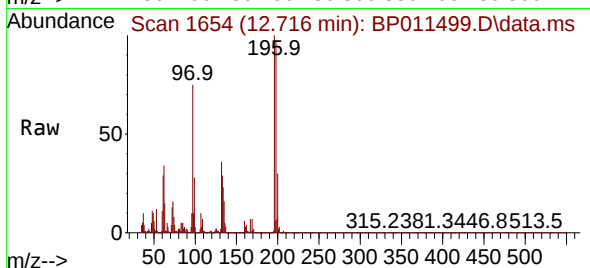
Tgt Ion:196 Resp: 64083

Ion Ratio Lower Upper

196 100

198 97.5 75.6 113.4

200 30.4 23.8 35.6



#43

1,1'-Biphenyl

Concen: 19.866 ng/ul

RT: 13.051 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

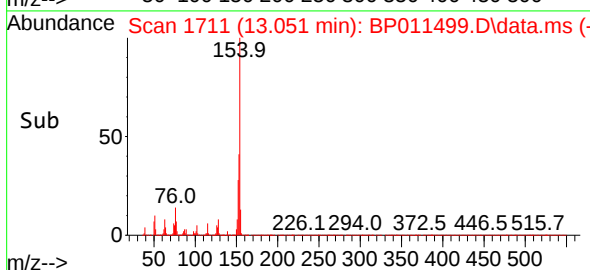
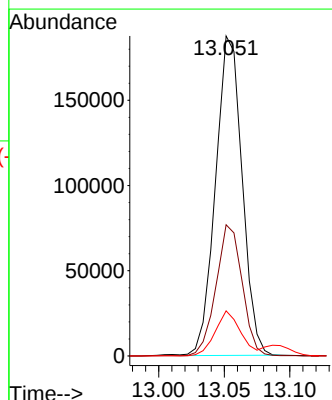
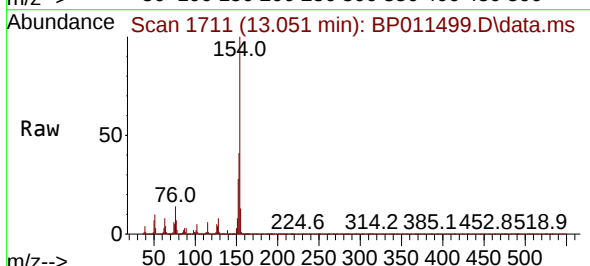
Tgt Ion:154 Resp: 264201

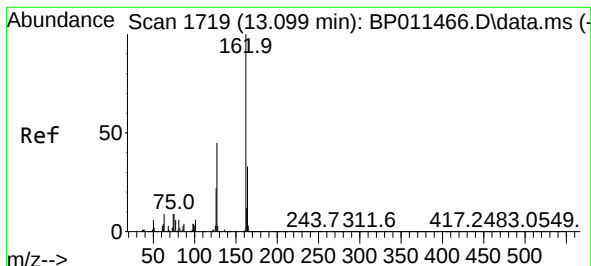
Ion Ratio Lower Upper

154 100

153 41.0 32.2 48.4

76 14.1 11.6 17.4

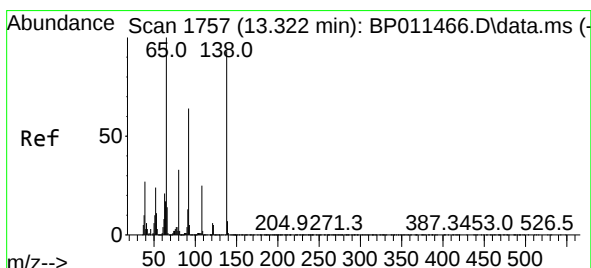
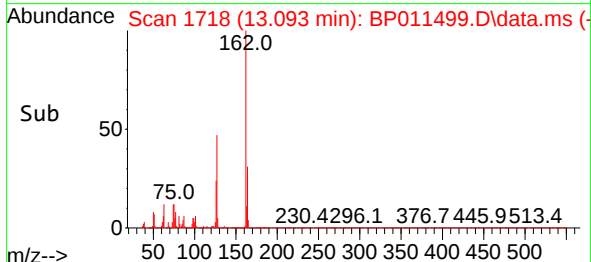
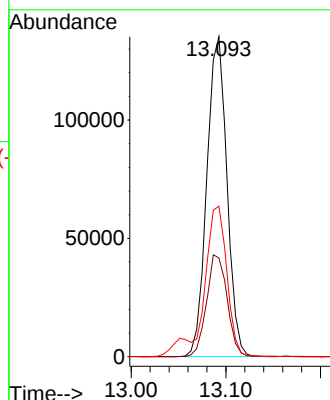
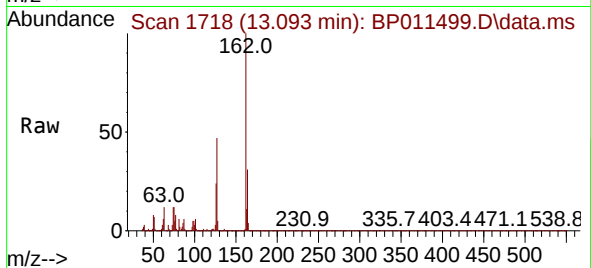




#44
2-Chloronaphthalene
Concen: 19.846 ng/ul
RT: 13.093 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

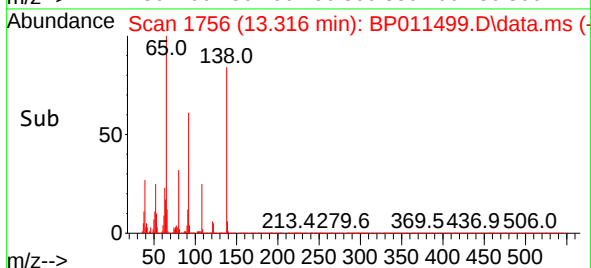
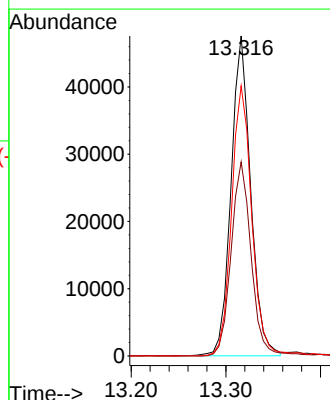
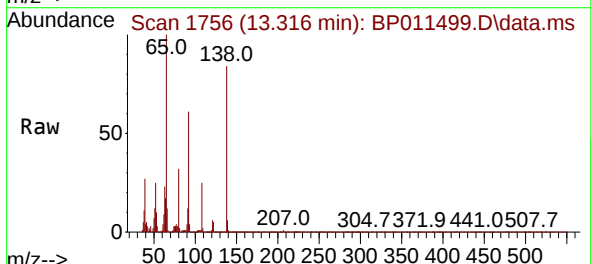
Instrument :
BNA_P
ClientSampleId :

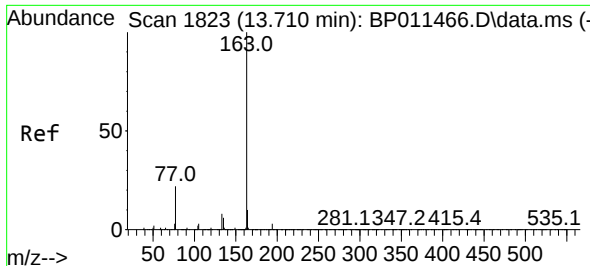
Tgt Ion:162 Resp: 198893
Ion Ratio Lower Upper
162 100
164 30.9 26.4 39.6
127 47.1 37.4 56.2



#45
2-Nitroaniline
Concen: 19.969 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion: 65 Resp: 68303
Ion Ratio Lower Upper
65 100
92 60.6 50.8 76.2
138 84.4 66.7 100.1

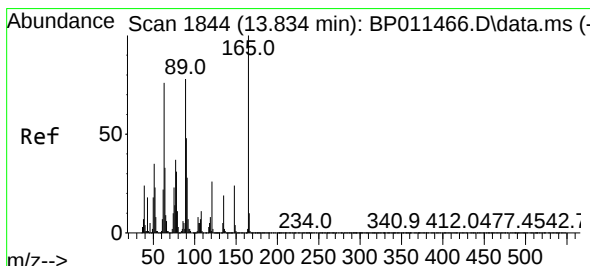
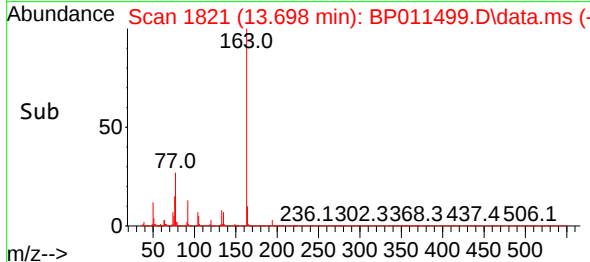
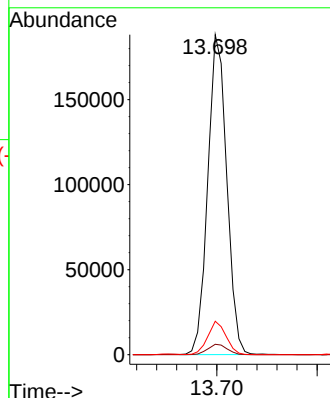
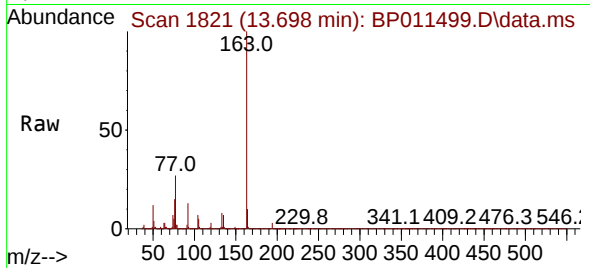




#47
Dimethylphthalate
Concen: 18.989 ng/ul
RT: 13.698 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

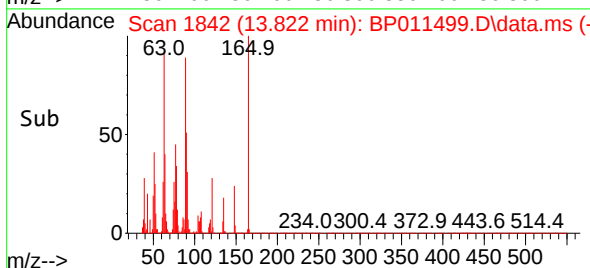
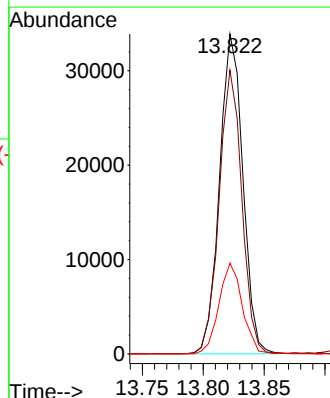
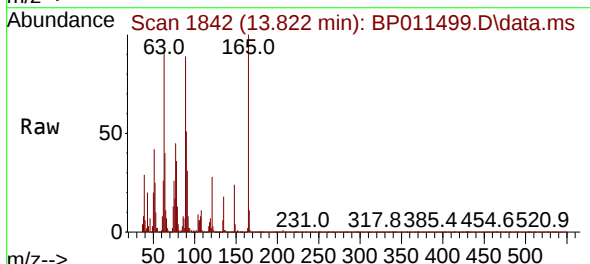
Instrument :
BNA_P
ClientSampleId :

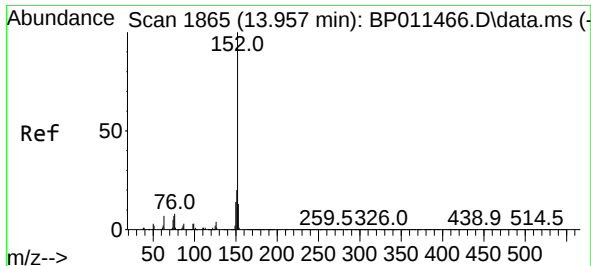
Tgt Ion:163 Resp: 247761
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.5 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.246 ng/ul
RT: 13.822 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:165 Resp: 45146
Ion Ratio Lower Upper
165 100
89 88.7 66.6 99.8
121 28.3 21.0 31.6

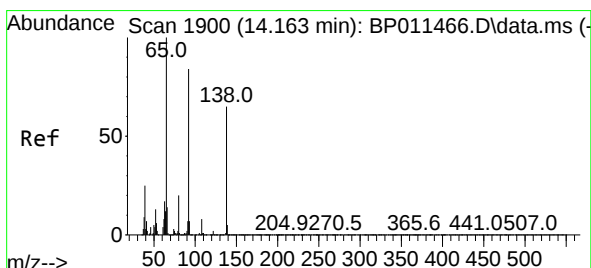
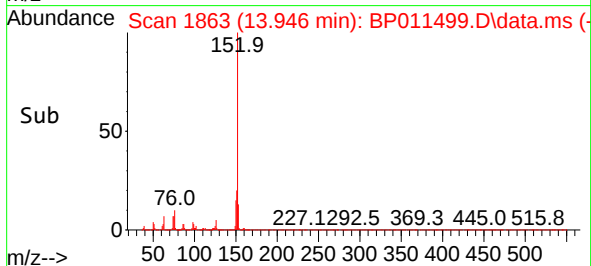
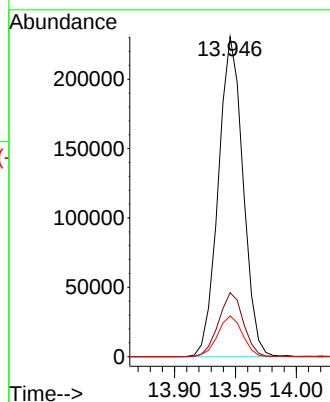
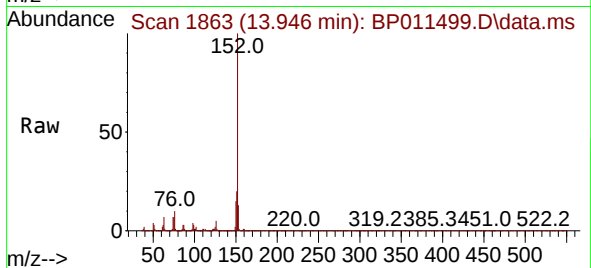




#50
Acenaphthylene
Concen: 19.559 ng/ul
RT: 13.946 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

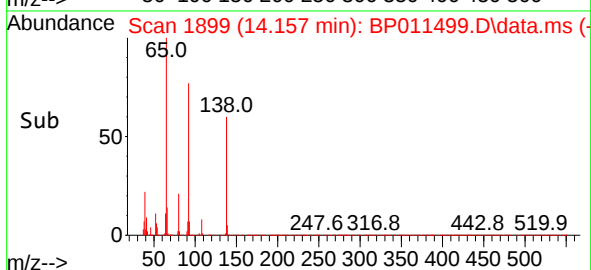
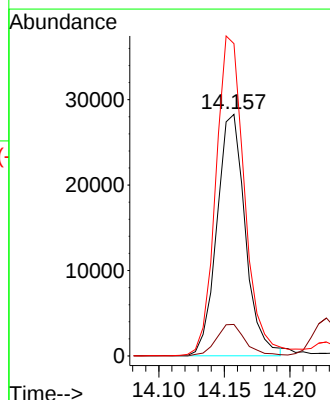
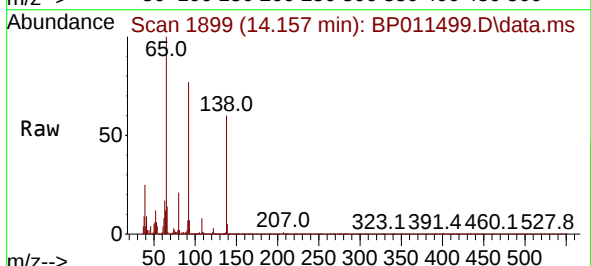
Instrument :
BNA_P
ClientSampleId :

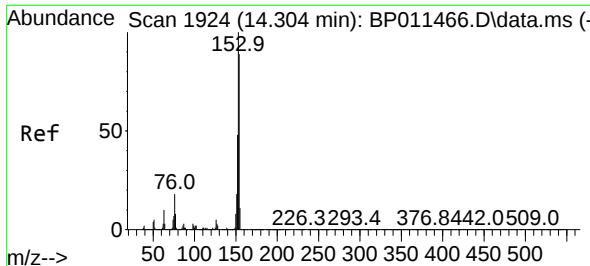
Tgt Ion:152 Resp: 326030
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 12.7 10.6 15.8



#51
3-Nitroaniline
Concen: 16.659 ng/ul
RT: 14.157 min Scan# 1899
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:138 Resp: 42566
Ion Ratio Lower Upper
138 100
108 13.0 8.6 13.0#
92 129.2 104.2 156.2

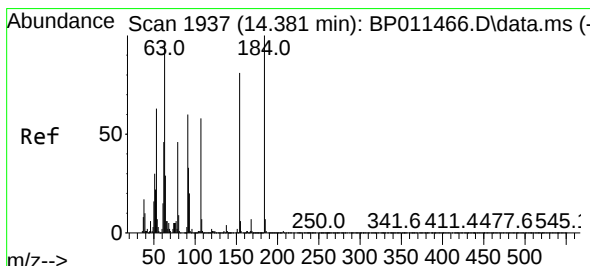
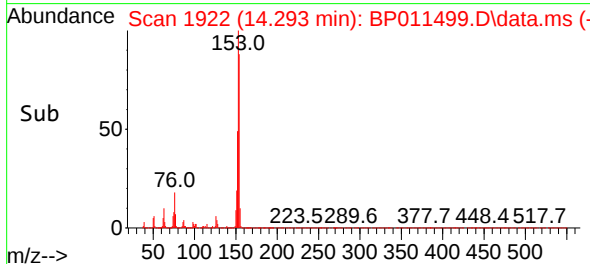
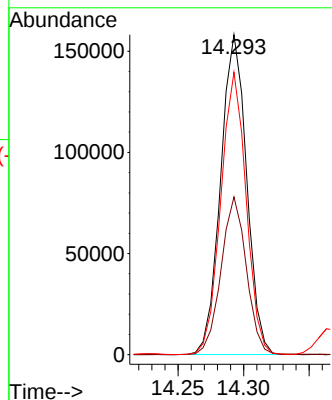
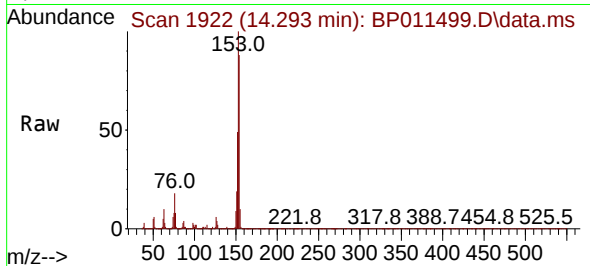




#52
Acenaphthene
Concen: 19.526 ng/ul
RT: 14.293 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

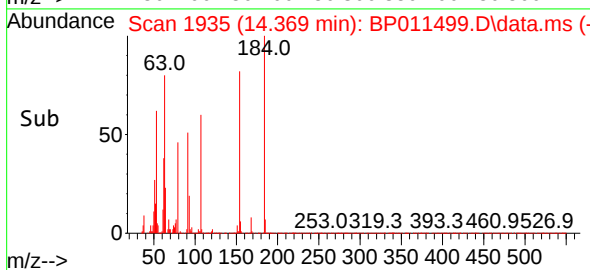
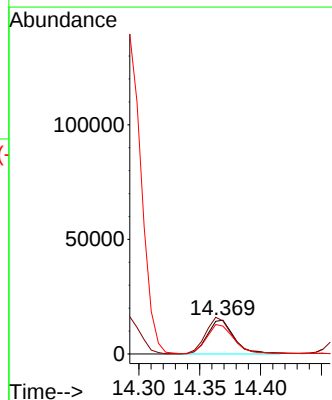
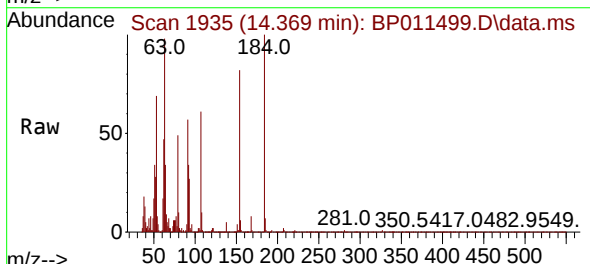
Instrument :
BNA_P
ClientSampleId :

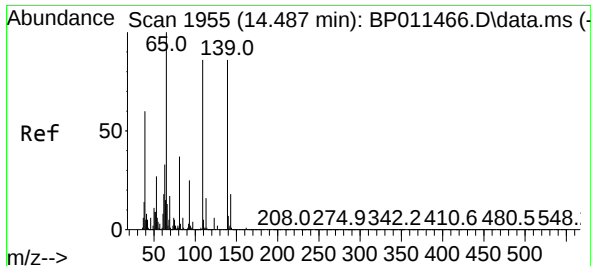
Tgt Ion:153 Resp: 217994
Ion Ratio Lower Upper
153 100
152 49.3 37.7 56.5
154 88.3 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 15.806 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

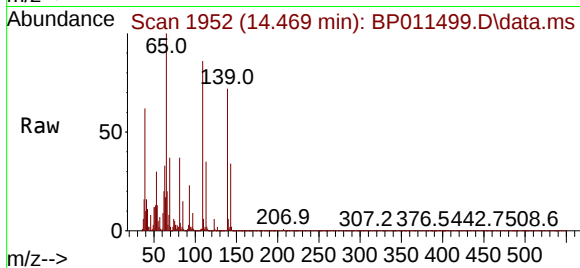
Tgt Ion:184 Resp: 22693
Ion Ratio Lower Upper
184 100
63 98.3 82.5 123.7
154 82.4 66.6 100.0



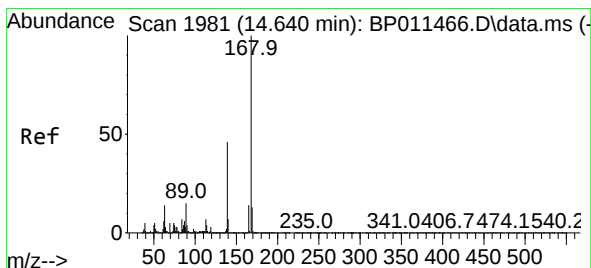
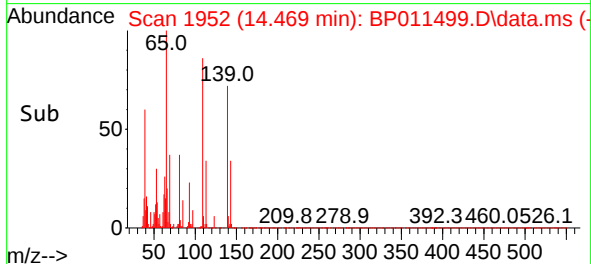
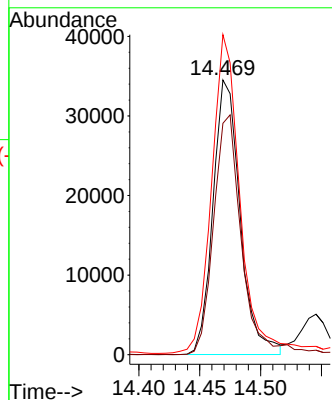


#55
4-Nitrophenol
Concen: 18.509 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Instrument :
BNA_P
ClientSampleId :

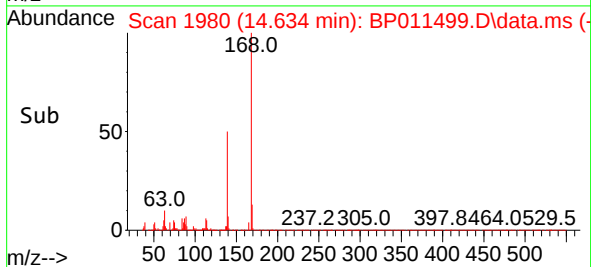
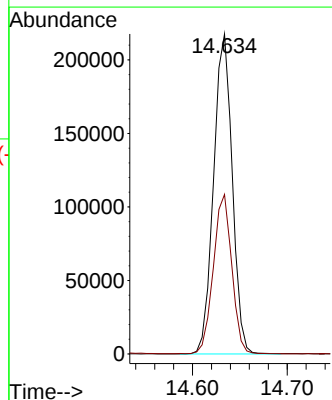
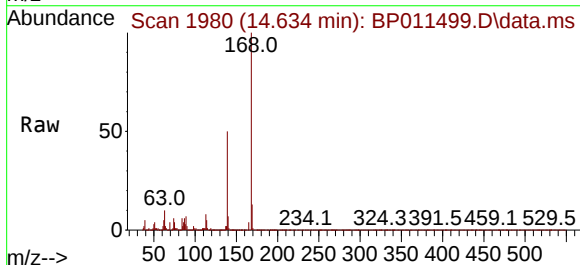


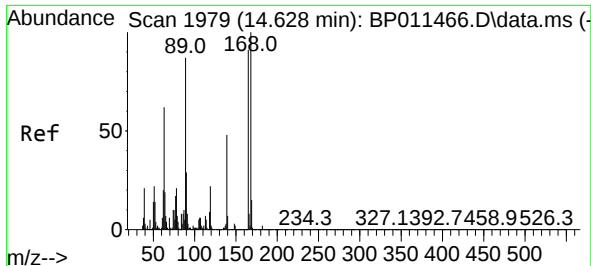
Tgt Ion	Ratio	Lower	Upper
109	100		
139	84.2	76.0	114.0
65	116.5	98.8	148.2



#56
Dibenzofuran
Concen: 19.355 ng/ul
RT: 14.634 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	49.9	38.4	57.6

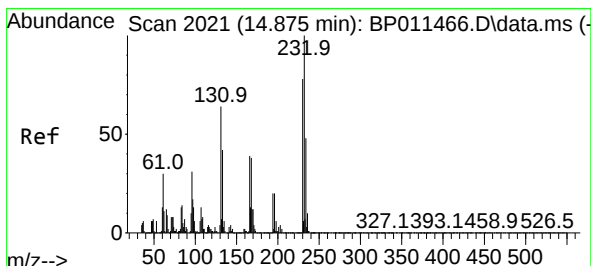
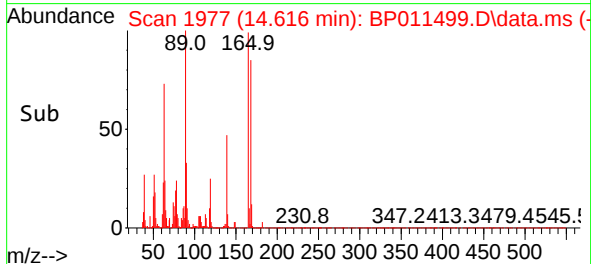
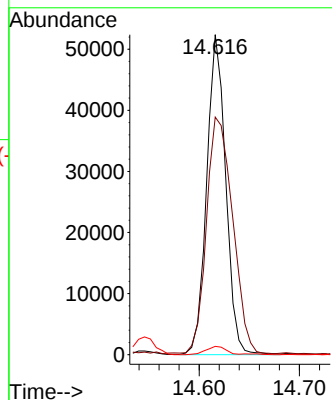
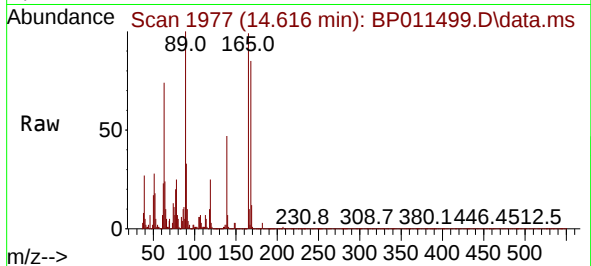




#57
2,4-Dinitrotoluene
Concen: 19.690 ng/ul
RT: 14.616 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

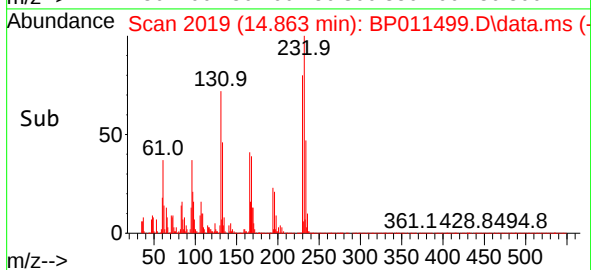
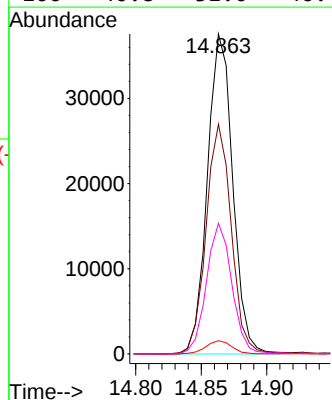
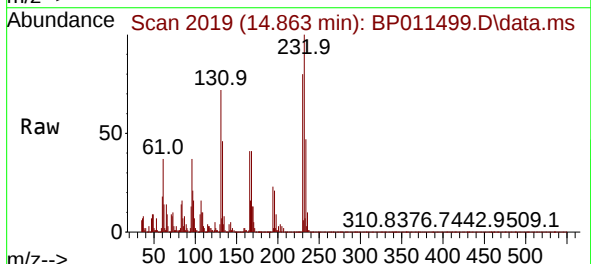
Instrument :
BNA_P
ClientSampleId :

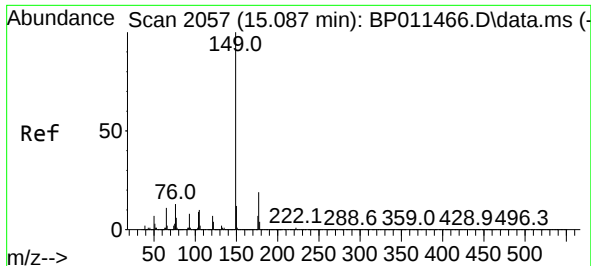
Tgt Ion:165 Resp: 69147
Ion Ratio Lower Upper
165 100
63 74.3 60.2 90.2
182 2.6 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.834 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:232 Resp: 50542
Ion Ratio Lower Upper
232 100
131 71.8 55.4 83.0
130 4.1 3.6 5.4
166 40.8 31.0 46.4

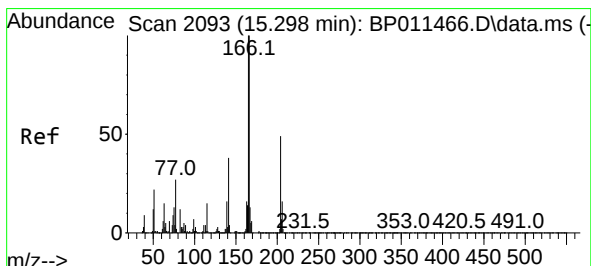
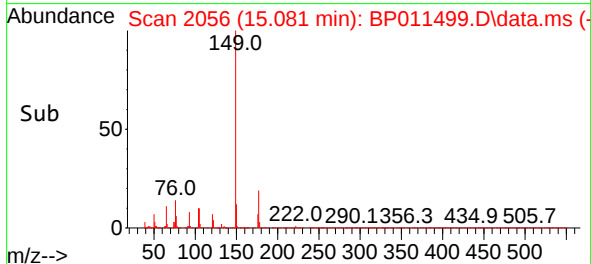
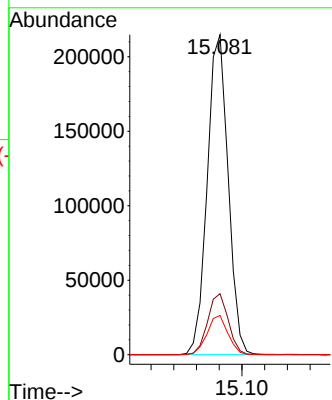
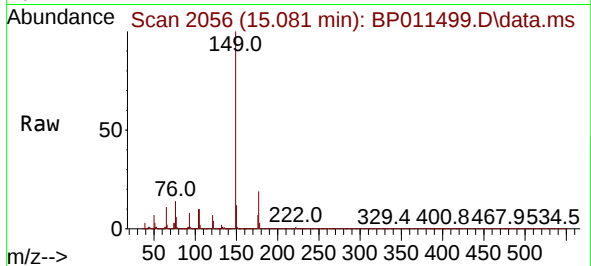




#59
Diethylphthalate
Concen: 19.167 ng/ul
RT: 15.081 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

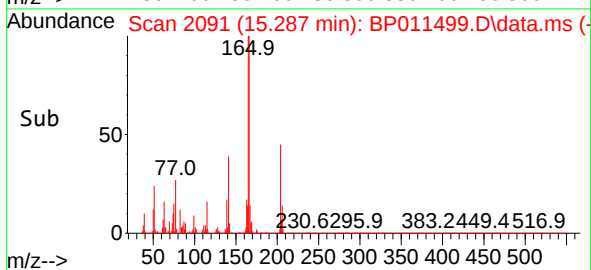
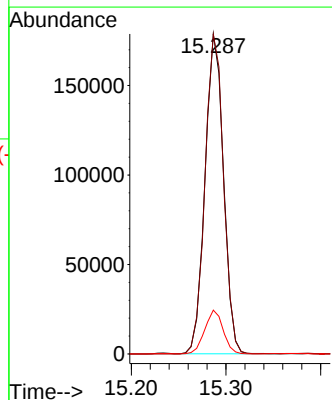
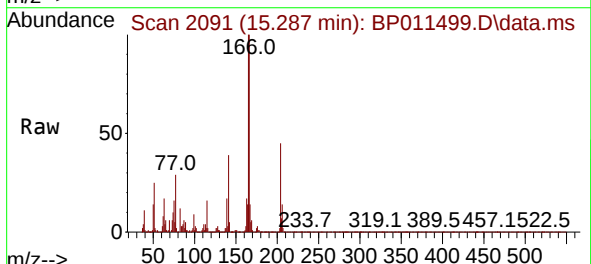
Instrument :
BNA_P
ClientSampleId :

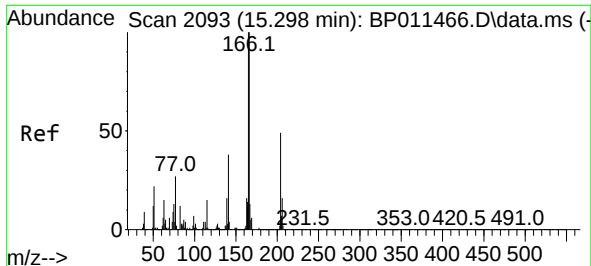
Tgt Ion:149 Resp: 273904
Ion Ratio Lower Upper
149 100
177 19.1 15.7 23.5
150 12.3 10.1 15.1



#61
Fluorene
Concen: 19.218 ng/ul
RT: 15.287 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:166 Resp: 242053
Ion Ratio Lower Upper
166 100
165 99.9 78.2 117.2
167 13.7 10.3 15.5

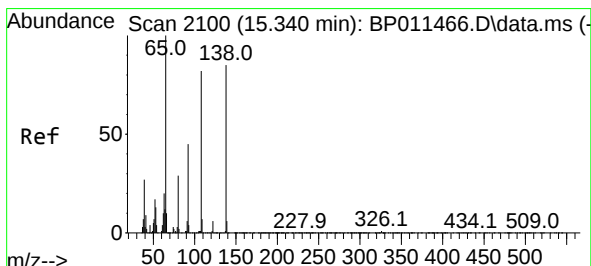
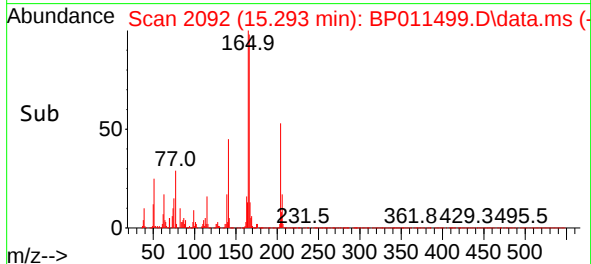
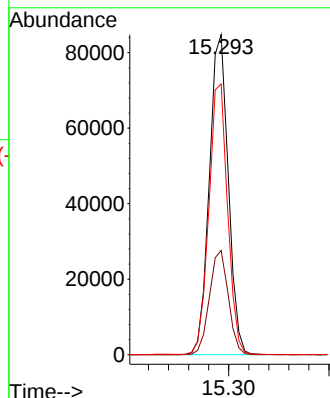
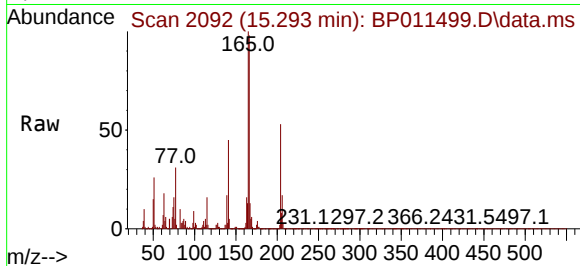




#62
4-Chlorophenyl-phenylether
Concen: 19.572 ng/ul
RT: 15.293 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

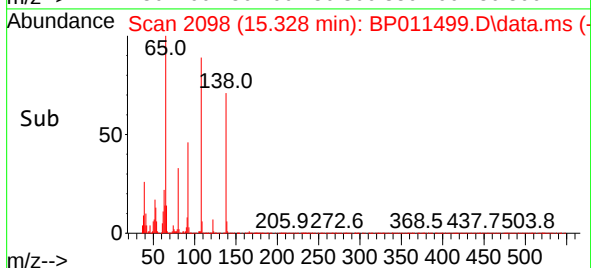
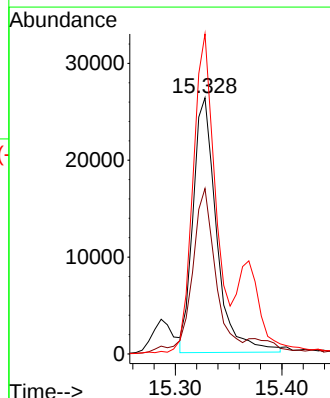
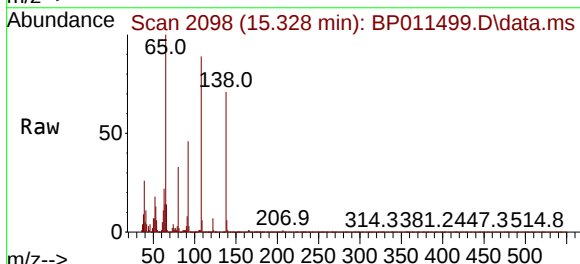
Instrument :
BNA_P
ClientSampleId :

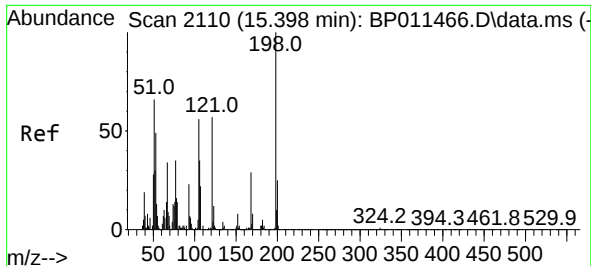
Tgt Ion:204 Resp: 111366
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 84.6 66.5 99.7



#63
4-Nitroaniline
Concen: 16.358 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:138 Resp: 40372
Ion Ratio Lower Upper
138 100
92 64.5 49.5 74.3
108 124.9 93.7 140.5

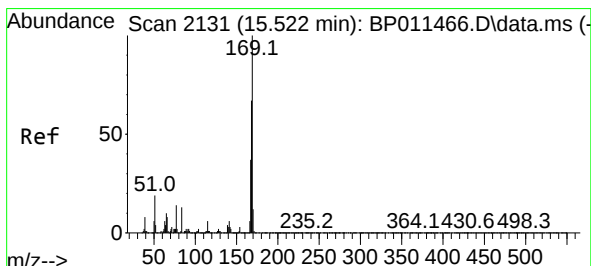
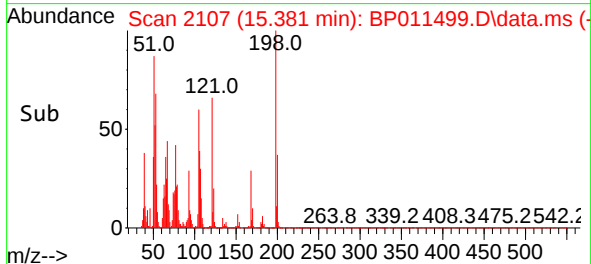
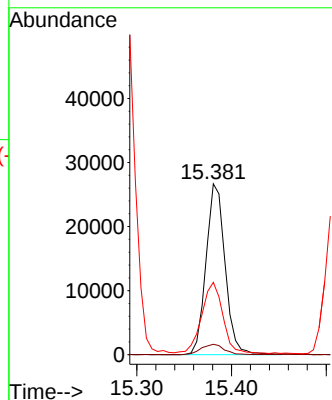
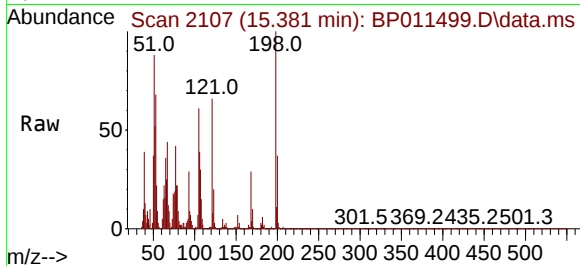




#66
4,6-Dinitro-2-methylphenol
Concen: 18.484 ng/ul
RT: 15.381 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

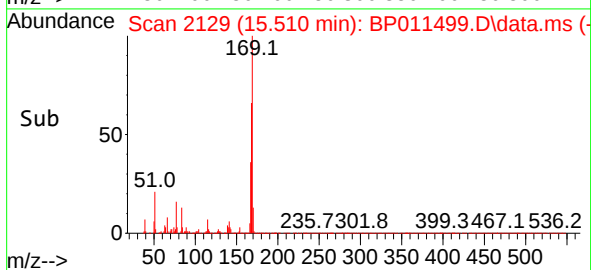
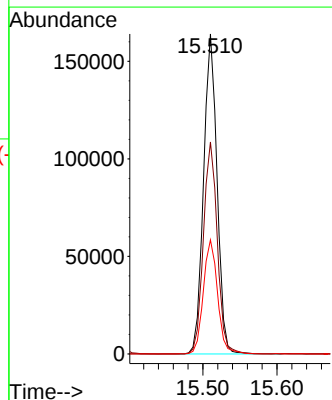
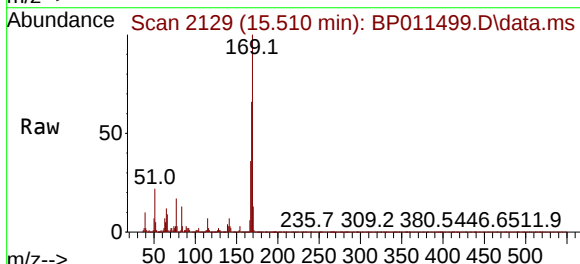
Instrument :
BNA_P
ClientSampleId :

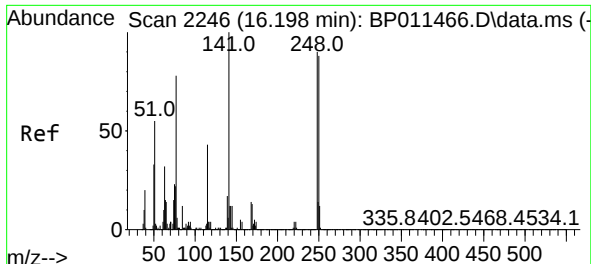
Tgt Ion:198 Resp: 37260
Ion Ratio Lower Upper
198 100
182 6.1 3.9 5.9#
77 42.3 30.1 45.1



#67
N-Nitrosodiphenylamine
Concen: 19.606 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:169 Resp: 207435
Ion Ratio Lower Upper
169 100
168 66.2 54.6 82.0
167 35.7 30.2 45.4

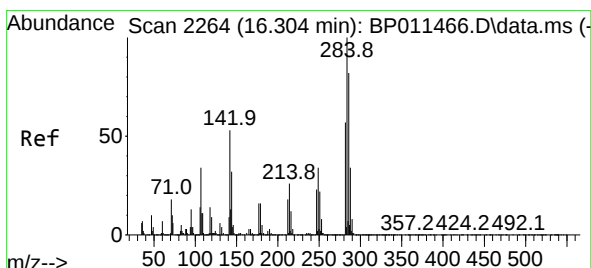
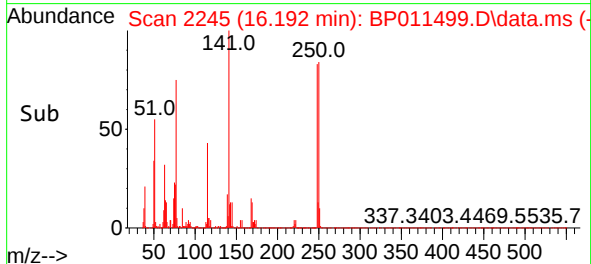
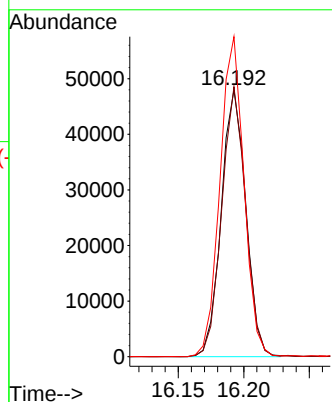
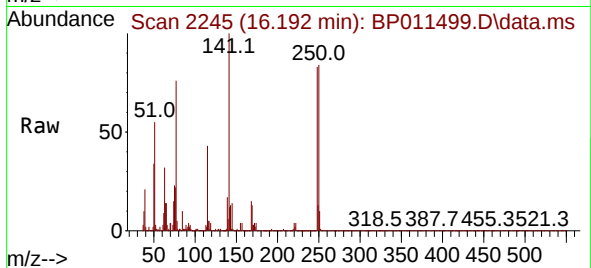




#68
4-Bromophenyl-phenylether
Concen: 19.385 ng/ul
RT: 16.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

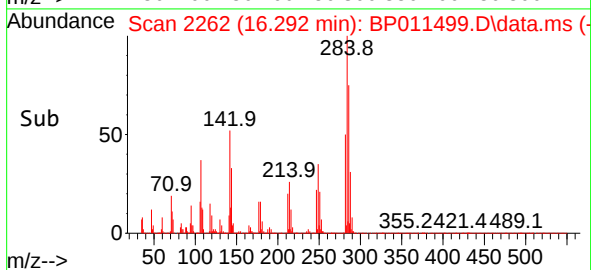
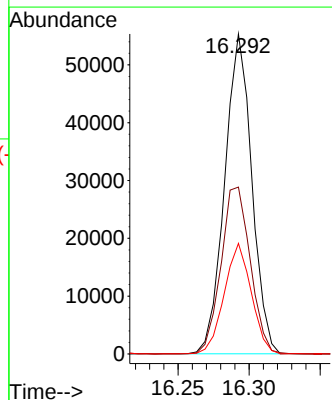
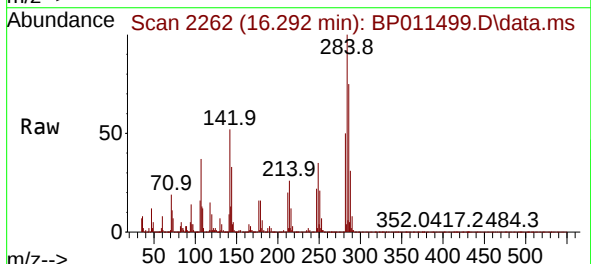
Instrument :
BNA_P
ClientSampleId :

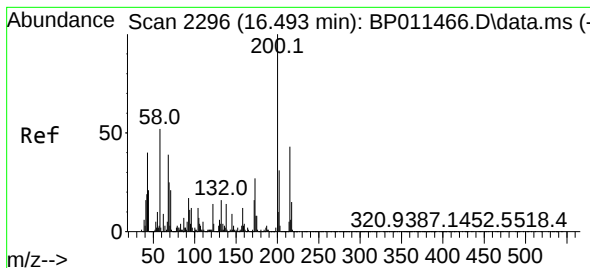
Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.2	82.8	124.2
141	120.0	90.8	136.2



#69
Hexachlorobenzene
Concen: 19.827 ng/ul
RT: 16.292 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.2	43.5	65.3
249	34.5	28.4	42.6





#70

Atrazine

Concen: 18.583 ng/ul

RT: 16.481 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

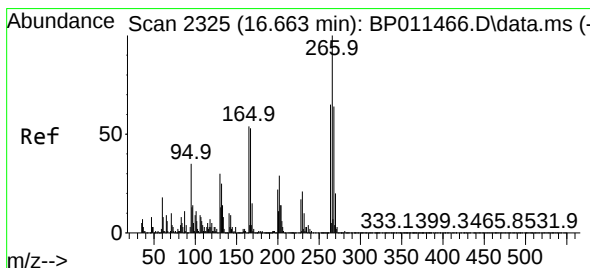
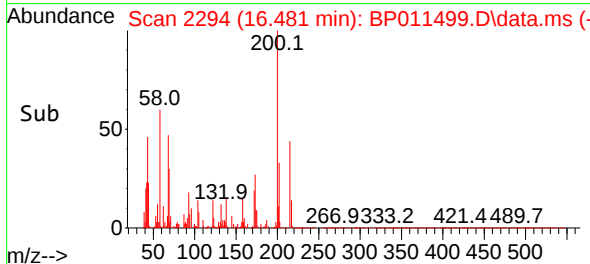
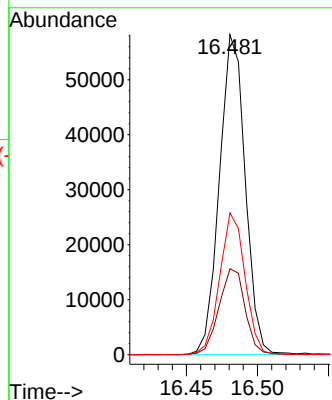
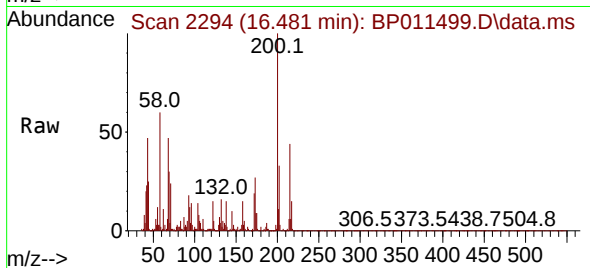
Tgt Ion:200 Resp: 73374

Ion Ratio Lower Upper

200 100

173 26.8 22.0 33.0

215 44.3 36.3 54.5



#71

Pentachlorophenol

Concen: 17.703 ng/ul

RT: 16.651 min Scan# 2323

Delta R.T. -0.000 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

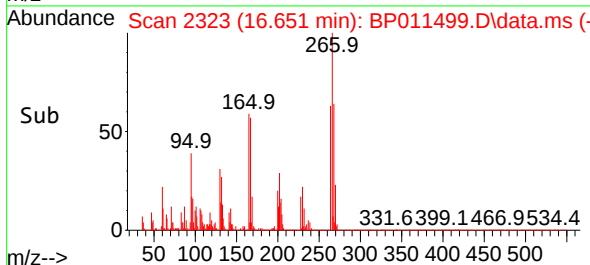
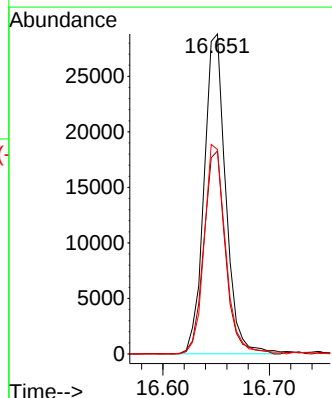
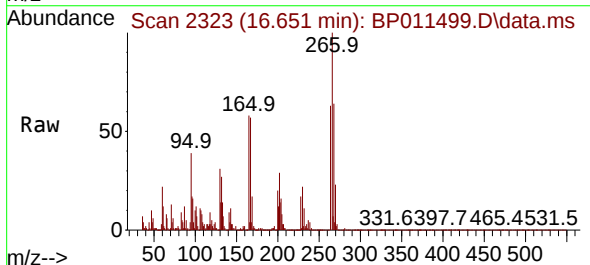
Tgt Ion:266 Resp: 40725

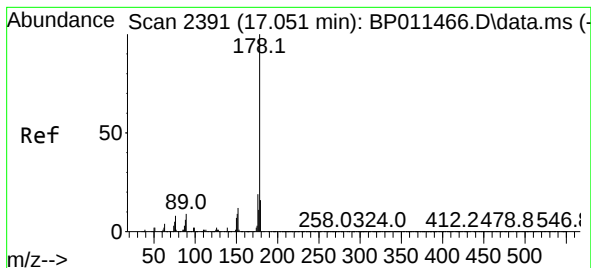
Ion Ratio Lower Upper

266 100

264 63.4 50.6 76.0

268 63.9 51.3 76.9





#72

Phenanthrene

Concen: 19.258 ng/ul

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

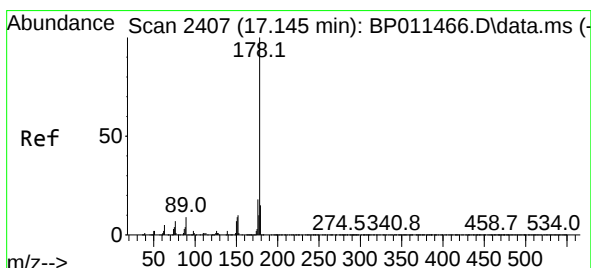
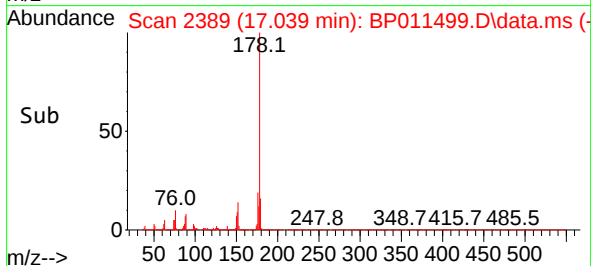
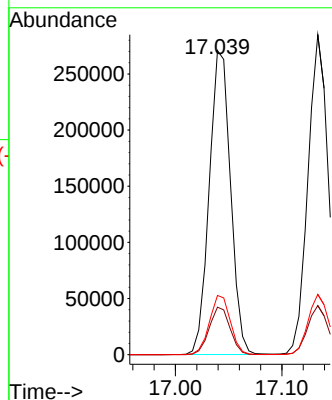
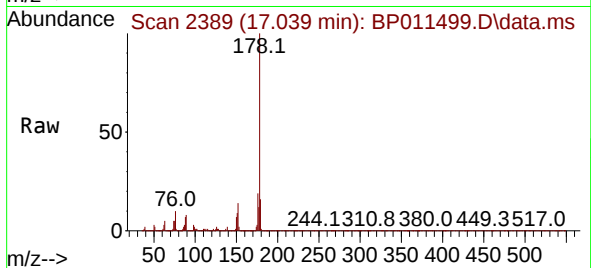
Tgt Ion:178 Resp: 375921

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

176 19.5 15.8 23.8



#74

Anthracene

Concen: 19.394 ng/ul

RT: 17.134 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

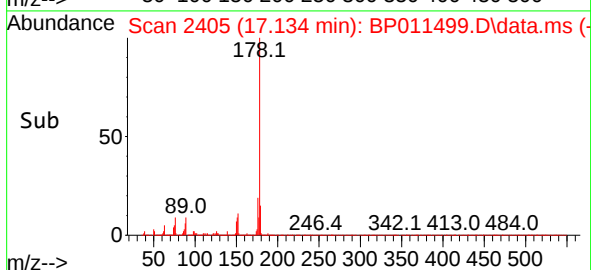
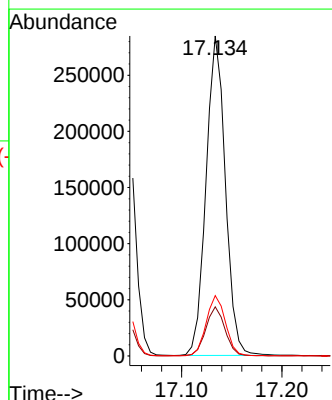
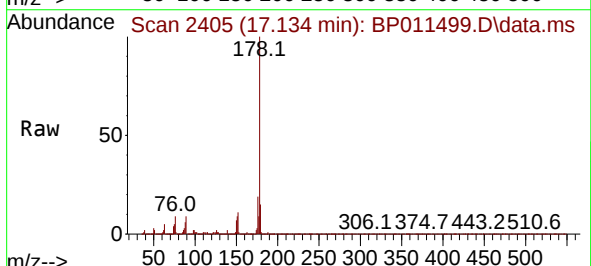
Tgt Ion:178 Resp: 381917

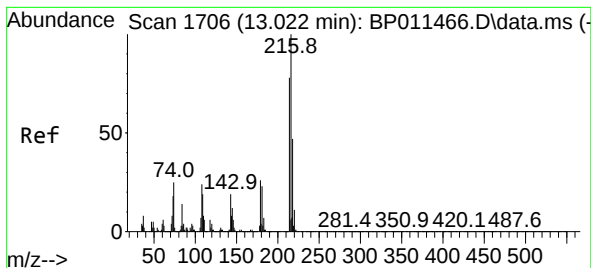
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.8 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.031 ng/uL

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011499.D

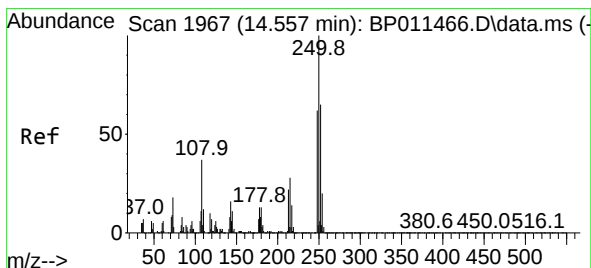
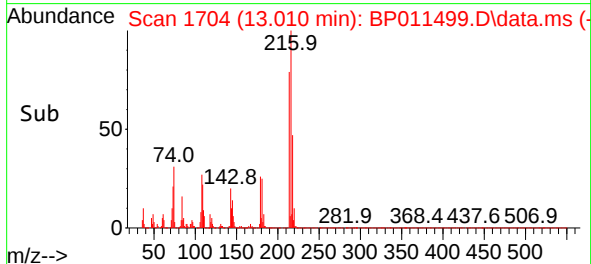
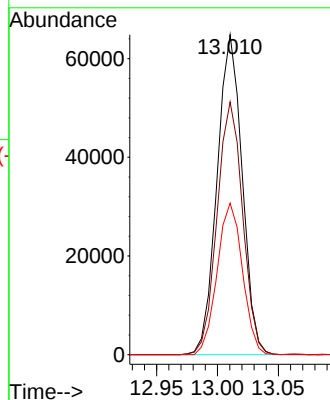
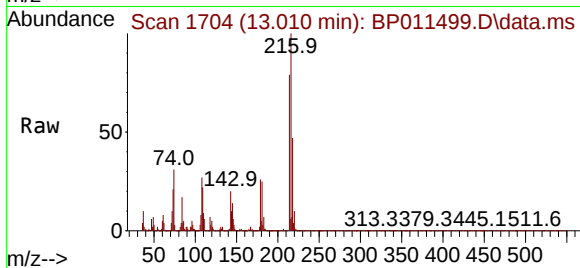
Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	216	Resp:	92858
Ion Ratio	Lower	Upper	
216	100		
214	79.0	61.8	92.6
218	47.3	37.4	56.0



#76

Pentachlorobenzene

Concen: 20.077 ng/uL

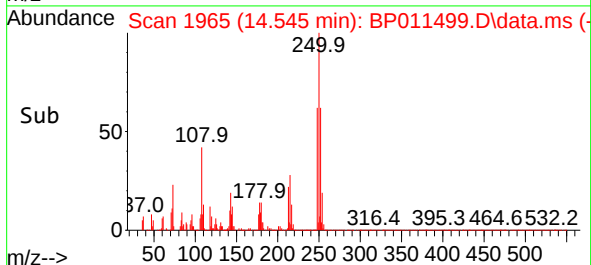
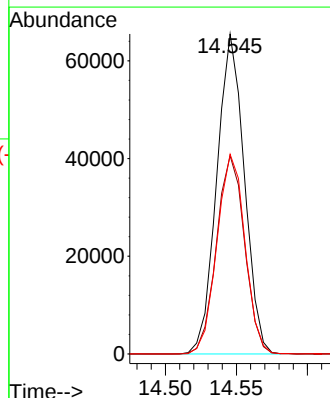
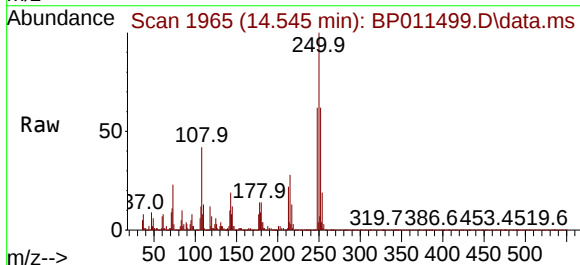
RT: 14.545 min Scan# 1965

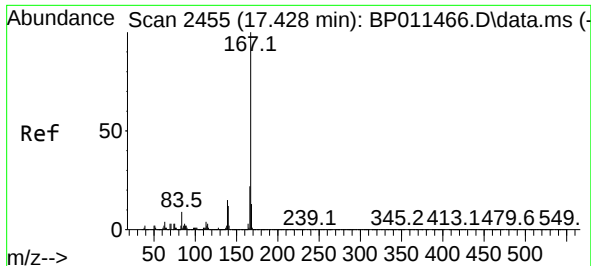
Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

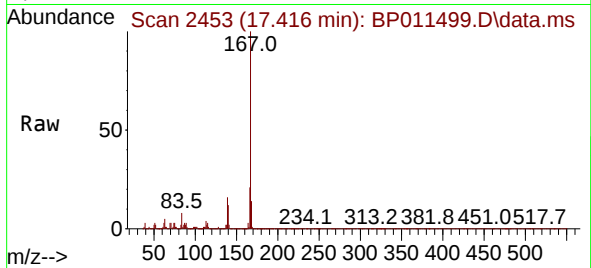
Tgt Ion:	250	Resp:	88316
Ion Ratio	Lower	Upper	
250	100		
248	62.0	51.7	77.5
252	62.4	50.0	75.0



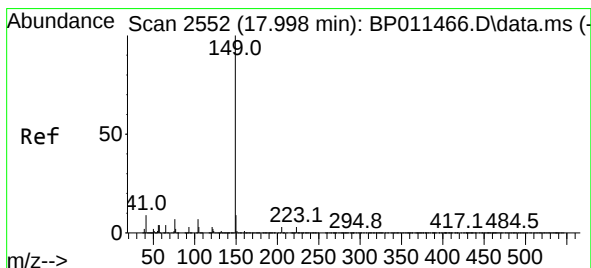
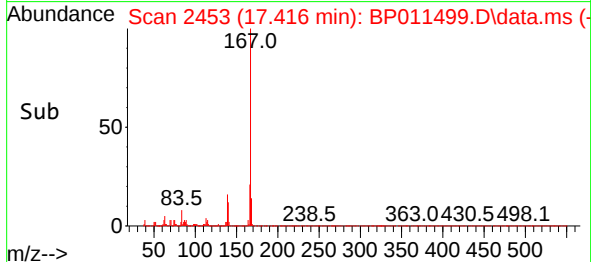
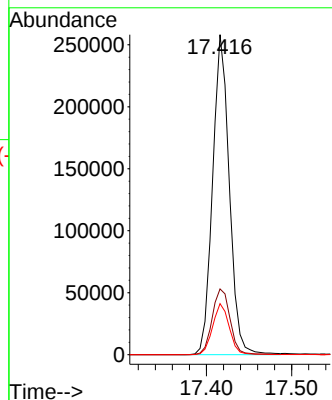


#77
 Carbazole
 Concen: 18.975 ng/ul
 RT: 17.416 min Scan# 2455
 Delta R.T. -0.006 min
 Lab File: BP011499.D
 Acq: 19 Aug 2022 09:32

Instrument :
 BNA_P
 ClientSampleId :

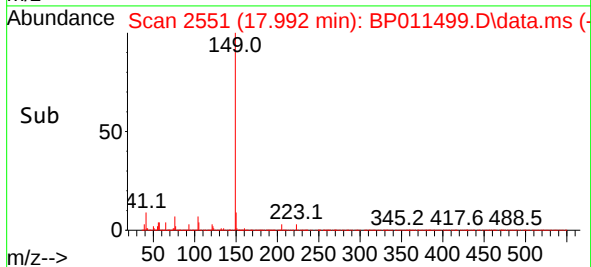
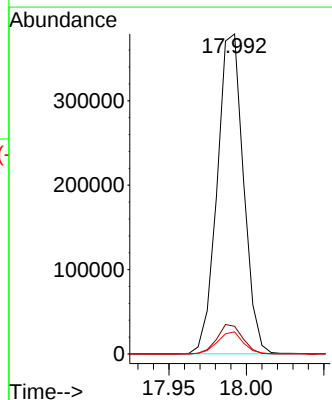
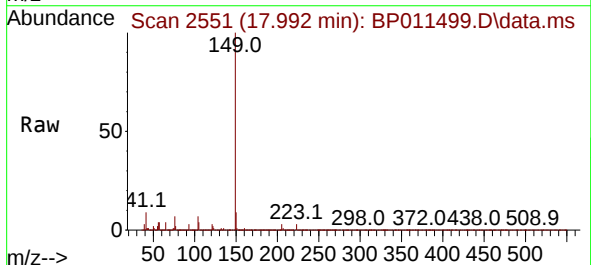


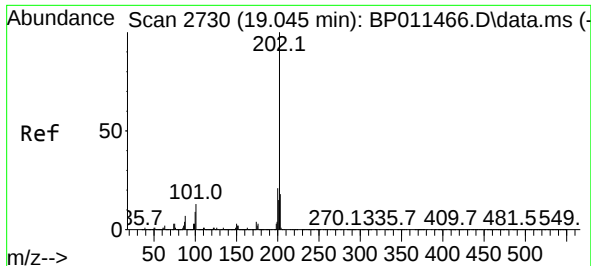
Tgt Ion:167 Resp: 351466
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.5 26.3
 139 15.9 12.1 18.1



#78
 Di-n-butylphthalate
 Concen: 19.614 ng/ul
 RT: 17.992 min Scan# 2551
 Delta R.T. -0.000 min
 Lab File: BP011499.D
 Acq: 19 Aug 2022 09:32

Tgt Ion:149 Resp: 447406
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.2
 104 6.9 5.5 8.3

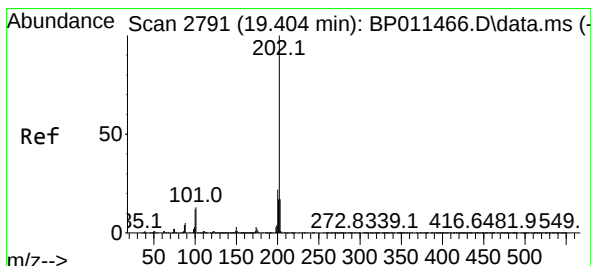
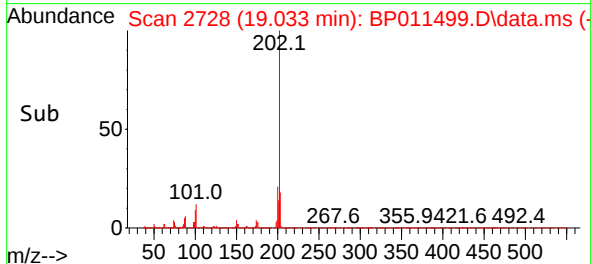
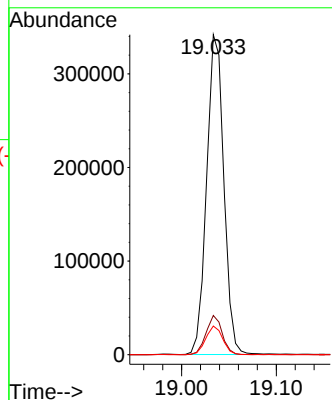
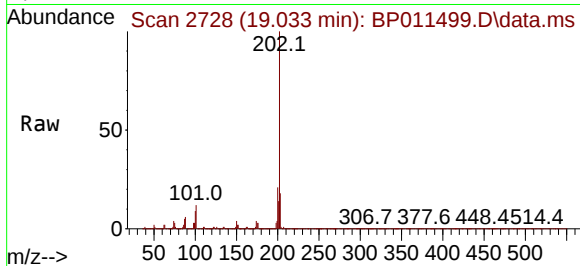




#80
Fluoranthene
Concen: 18.491 ng/ul
RT: 19.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

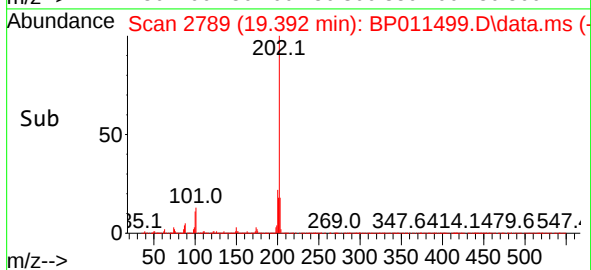
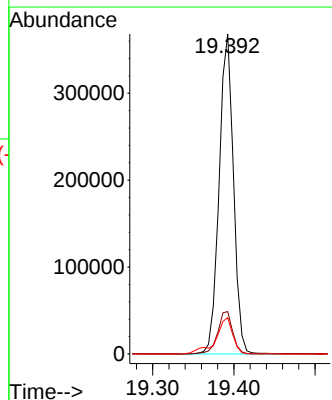
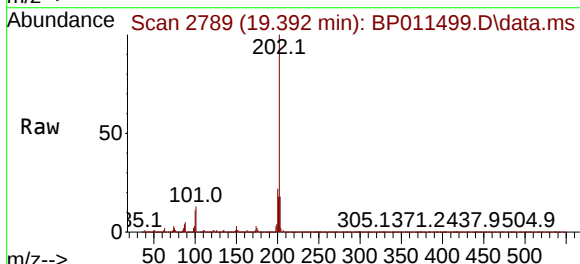
Instrument :
BNA_P
ClientSampleId :

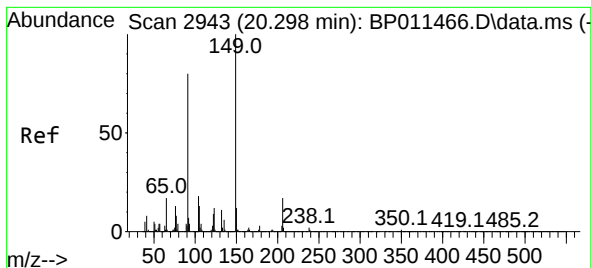
Tgt Ion:202 Resp: 431007
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
100 9.0 7.9 11.9



#82
Pyrene
Concen: 18.465 ng/ul
RT: 19.392 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:202 Resp: 452236
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.2
100 11.3 9.4 14.0





#83

Butylbenzylphthalate

Concen: 19.369 ng/ul

RT: 20.292 min Scan# 2943

Delta R.T. -0.000 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

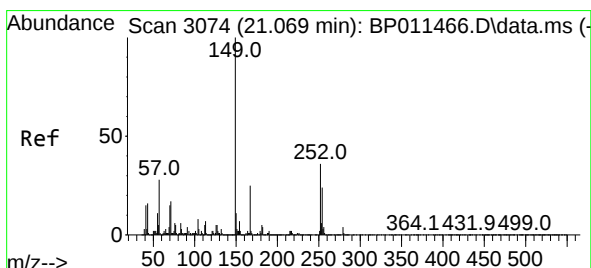
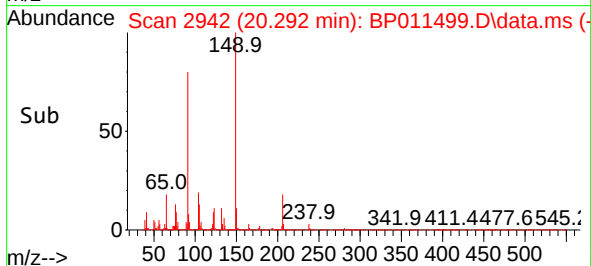
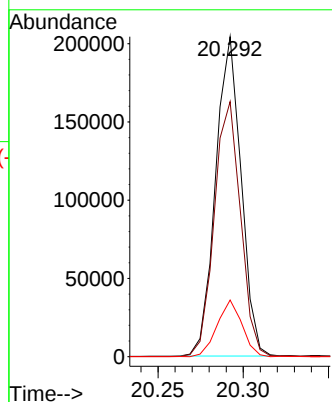
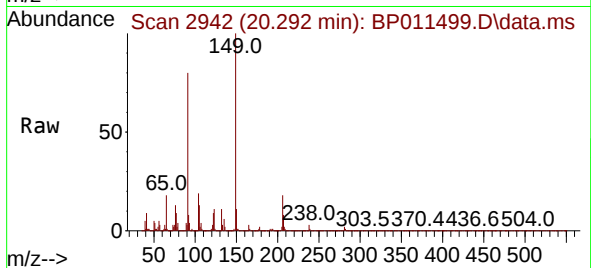
Tgt Ion:149 Resp: 212802

Ion Ratio Lower Upper

149 100

91 79.7 68.5 102.7

206 17.7 12.6 18.8



#84

3,3'-Dichlorobenzidine

Concen: 18.418 ng/ul

RT: 21.057 min Scan# 3072

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

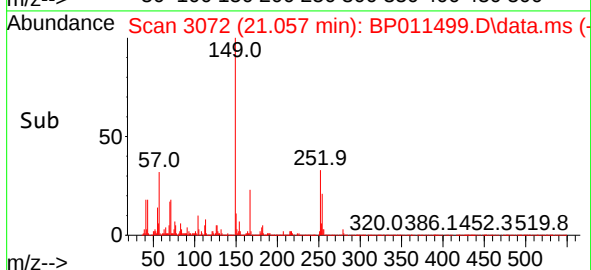
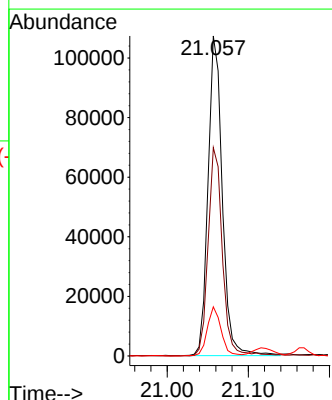
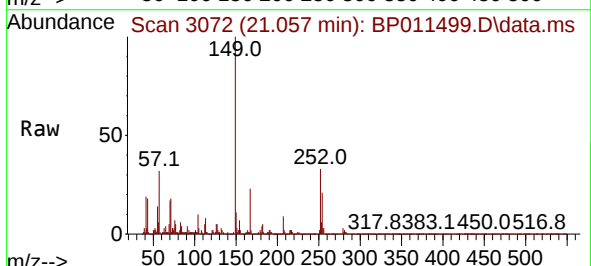
Tgt Ion:252 Resp: 130620

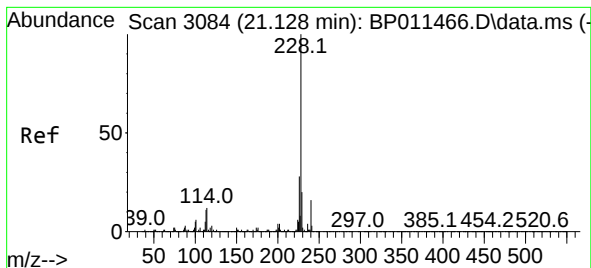
Ion Ratio Lower Upper

252 100

254 65.1 51.2 76.8

126 15.3 12.2 18.2





#85

Benzo(a)anthracene

Concen: 19.373 ng/ul

RT: 21.116 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

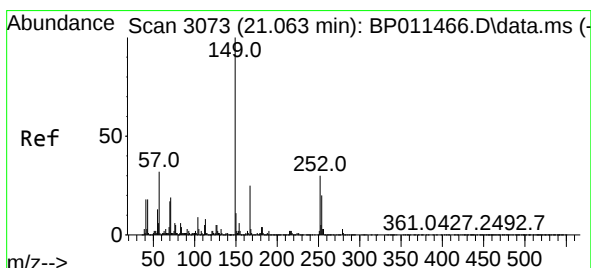
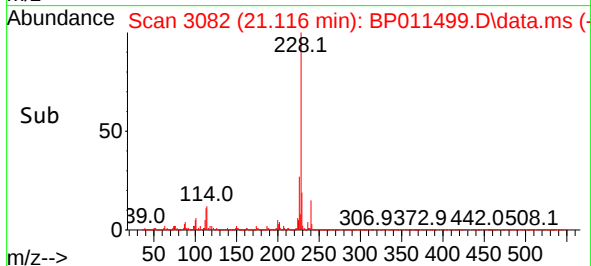
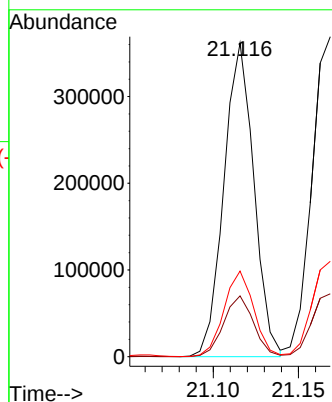
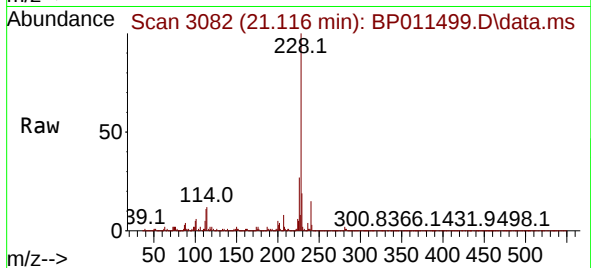
Tgt Ion:228 Resp: 442164

Ion Ratio Lower Upper

228 100

229 19.4 16.0 24.0

226 27.3 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.675 ng/ul

RT: 21.057 min Scan# 3072

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

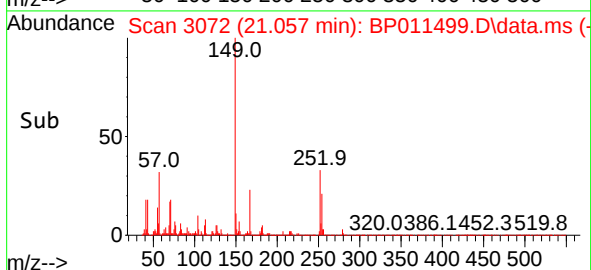
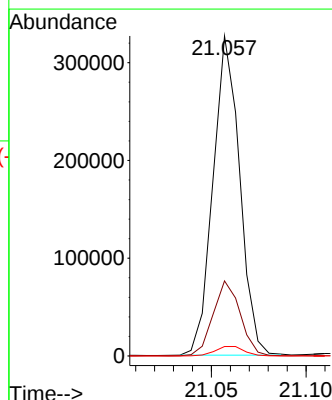
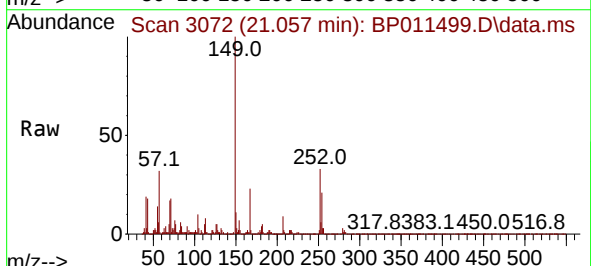
Tgt Ion:149 Resp: 319884

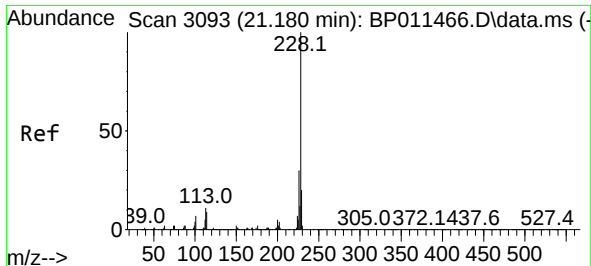
Ion Ratio Lower Upper

149 100

167 23.5 19.8 29.8

279 3.0 2.7 4.1

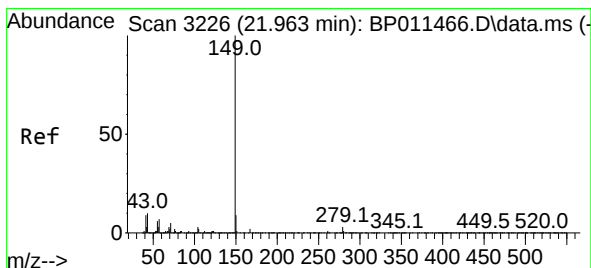
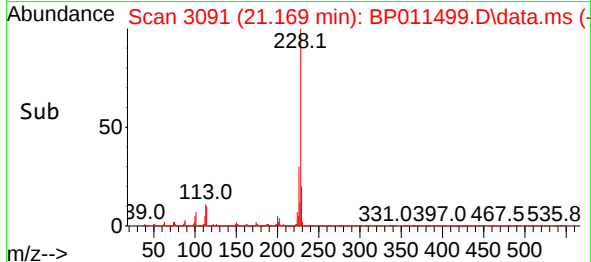
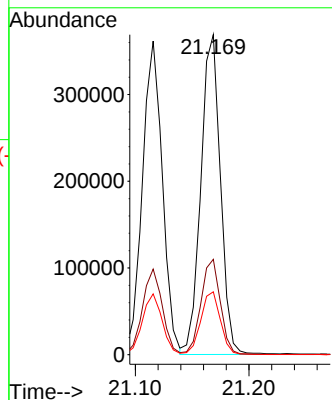
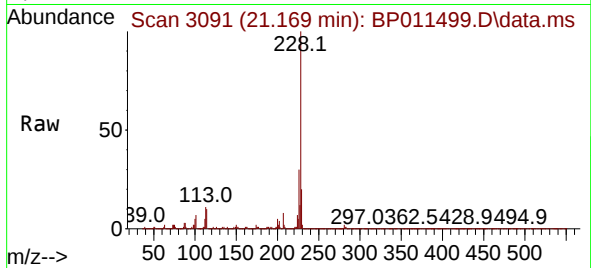




#87
Chrysene
Concen: 19.725 ng/ul
RT: 21.169 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

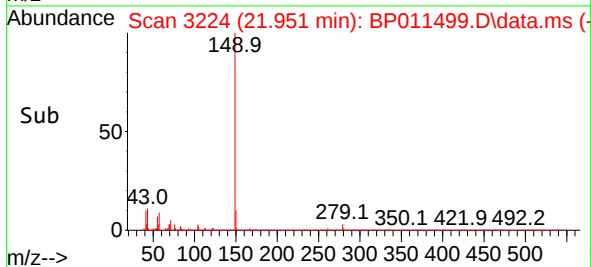
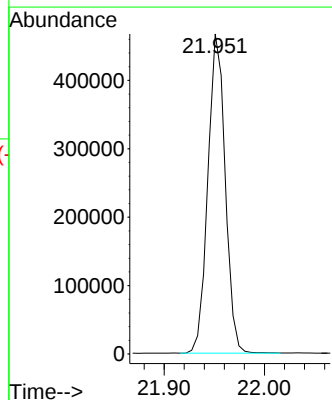
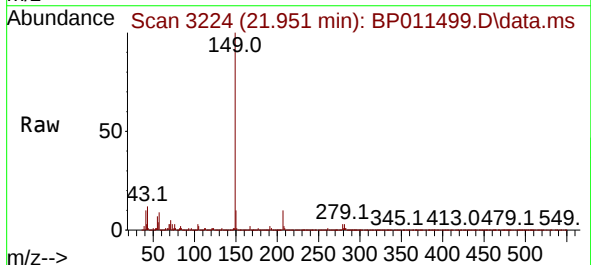
Instrument :
BNA_P
ClientSampleId :

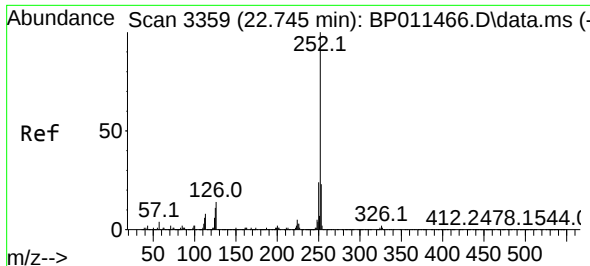
Tgt Ion:228 Resp: 442258
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.6 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 17.102 ng/ul
RT: 21.951 min Scan# 3224
Delta R.T. -0.006 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:149 Resp: 560994

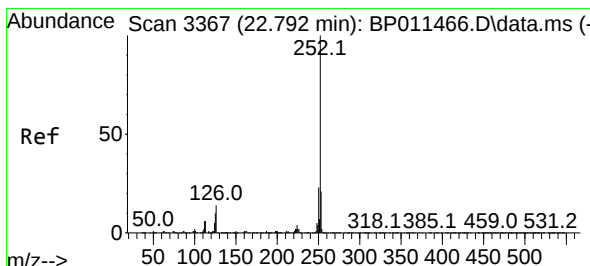
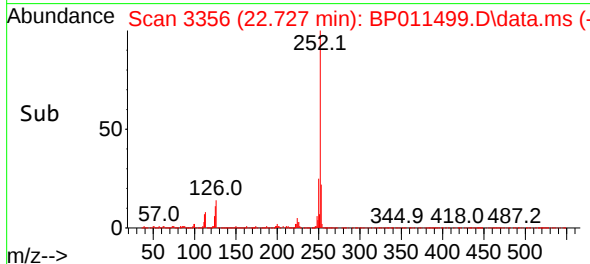
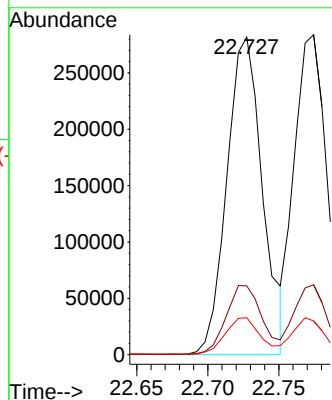
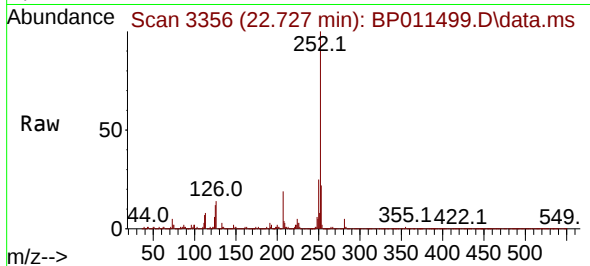




#90
Benzo(b)fluoranthene
Concen: 19.291 ng/ul
RT: 22.727 min Scan# 3356
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

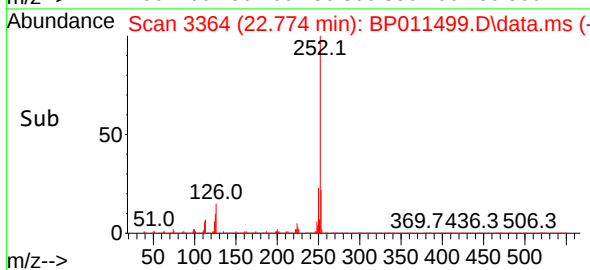
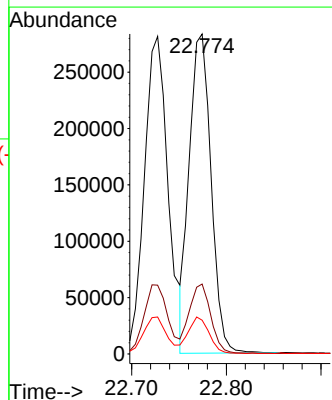
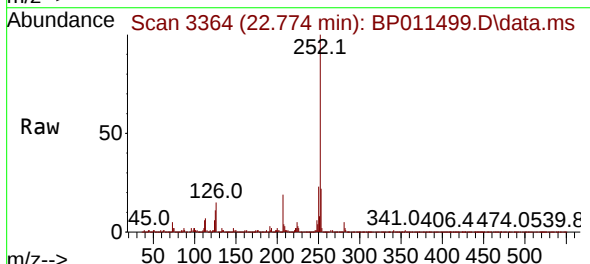
Instrument :
BNA_P
ClientSampleId :

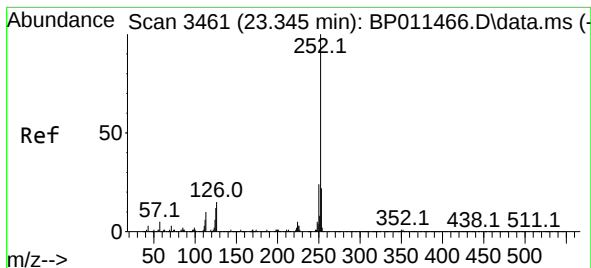
Tgt Ion:252 Resp: 489683
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.7 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 18.705 ng/ul
RT: 22.774 min Scan# 3364
Delta R.T. -0.000 min
Lab File: BP011499.D
Acq: 19 Aug 2022 09:32

Tgt Ion:252 Resp: 453107
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.6 9.8 14.8





#93

Benzo(a)pyrene

Concen: 19.199 ng/ul

RT: 23.321 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

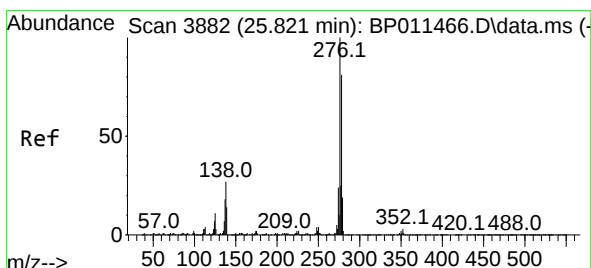
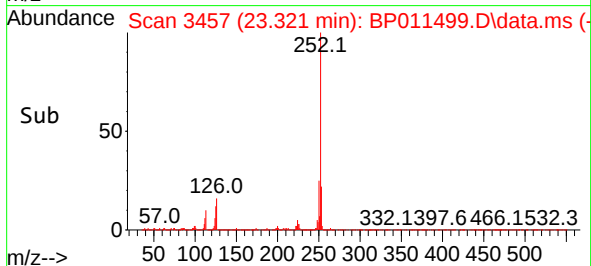
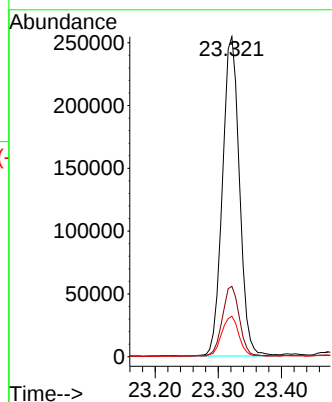
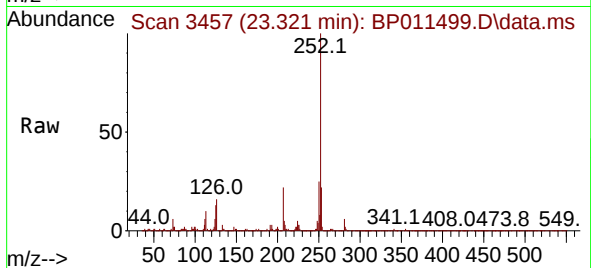
Tgt Ion:252 Resp: 475814

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 12.6 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.910 ng/ul

RT: 25.780 min Scan# 3875

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

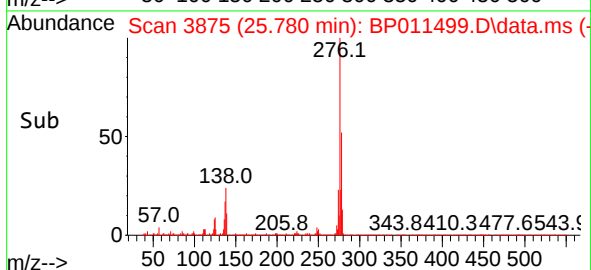
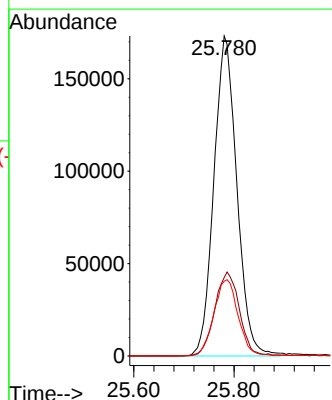
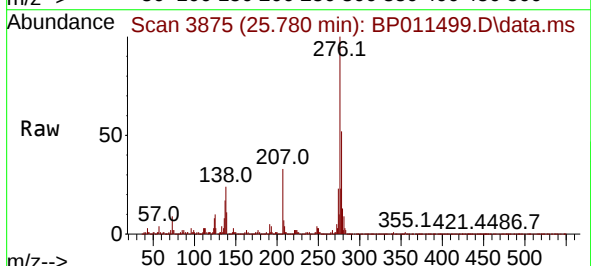
Tgt Ion:276 Resp: 550362

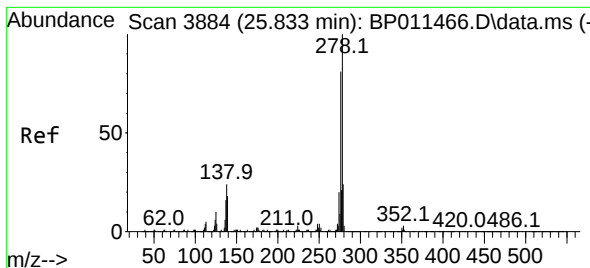
Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

277 23.4 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 19.772 ng/ul

RT: 25.798 min Scan# 3999

Delta R.T. -0.006 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Instrument :

BNA_P

ClientSampleId :

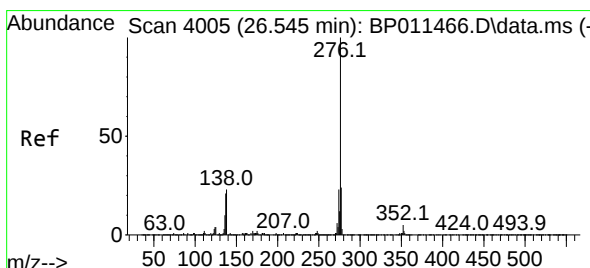
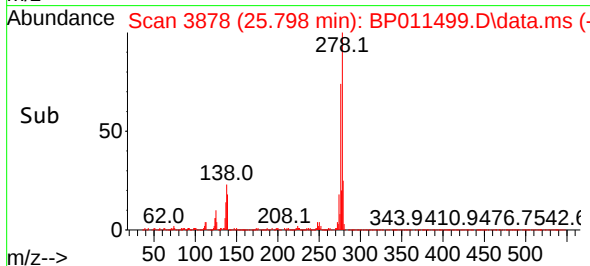
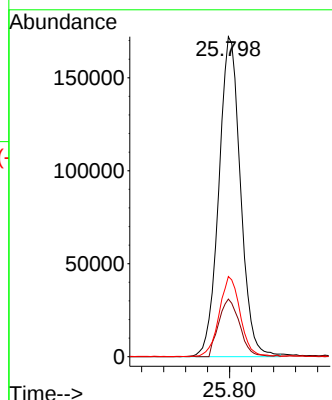
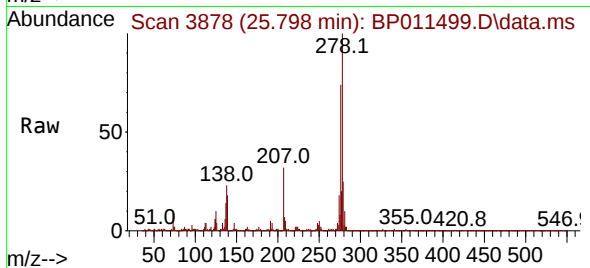
Tgt Ion:278 Resp: 470615

Ion Ratio Lower Upper

278 100

139 18.0 15.4 23.0

279 25.0 19.3 28.9



#96

Benzo(g,h,i)perylene

Concen: 18.193 ng/ul

RT: 26.510 min Scan# 3999

Delta R.T. -0.000 min

Lab File: BP011499.D

Acq: 19 Aug 2022 09:32

Tgt Ion:276 Resp: 427782

Ion Ratio Lower Upper

276 100

138 23.1 19.4 29.2

277 23.5 19.1 28.7

