

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP012998.D
 Acq On : 08 Dec 2022 22:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 02:01:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	618924	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	2691667	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1795005	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	4014244	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3783475	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3906601	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	110314	7.621	ng/uL	0.00
4) Pyridine-d5	3.781	84	782863	19.038	ng/u1	0.00
7) Phenol-d5	7.128	99	969490	19.231	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	607398	19.973	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	790588	19.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	806523	19.525	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	394500	19.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	452585	20.328	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	877920	20.301	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	1219832	19.980	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	2748985	19.927	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	3072279	20.267	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	477691	19.250	ng/u1	0.00
60) Fluorene-d10	15.604	176	2351525	20.148	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	482233	18.668	ng/u1	0.00
73) Anthracene-d10	17.469	188	3680190	20.321	ng/u1	0.00
81) Pyrene-d10	19.698	212	4326969	19.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	3893065	19.993	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	115291	7.629	ng/uL	99
5) Pyridine	3.805	79	782260	19.141	ng/u1	99
6) Benzaldehyde	7.110	77	383093	19.407	ng/u1	98
8) Phenol	7.157	94	997921	19.578	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.393	93	827633	19.783	ng/u1	99
12) 2-Chlorophenol	7.534	128	812121	19.955	ng/u1	98
13) 2-Methylphenol	8.416	108	772786	19.447	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.510	45	1177351	20.509	ng/u1	99
16) Acetophenone	8.804	105	1311872	20.713	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.787	70	652099	20.474	ng/u1	99
18) 4-Methylphenol	8.746	108	868831	19.739	ng/u1	98
19) Hexachloroethane	9.063	117	319597	19.652	ng/u1	99
22) Nitrobenzene	9.187	77	939615	20.247	ng/u1	99
23) Isophorone	9.716	82	1856189	19.781	ng/u1	98
25) 2-Nitrophenol	9.899	139	491126	20.358	ng/u1	98
26) 2,4-Dimethylphenol	9.957	107	951304	20.211	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	1195877	19.931	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	860338	20.309	ng/u1	100
30) Naphthalene	10.840	128	2818260	20.020	ng/u1	99
32) 4-Chloroaniline	10.951	127	1233822	20.423	ng/u1	100
33) Hexachlorobutadiene	11.122	225	580609	19.962	ng/u1	100
34) Caprolactam	11.734	113	159941	11.073	ng/u1	97
35) 4-Chloro-3-methylphenol	12.063	107	890654	20.602	ng/u1	97
36) 2-Methylnaphthalene	12.445	142	1953972	20.233	ng/u1	100

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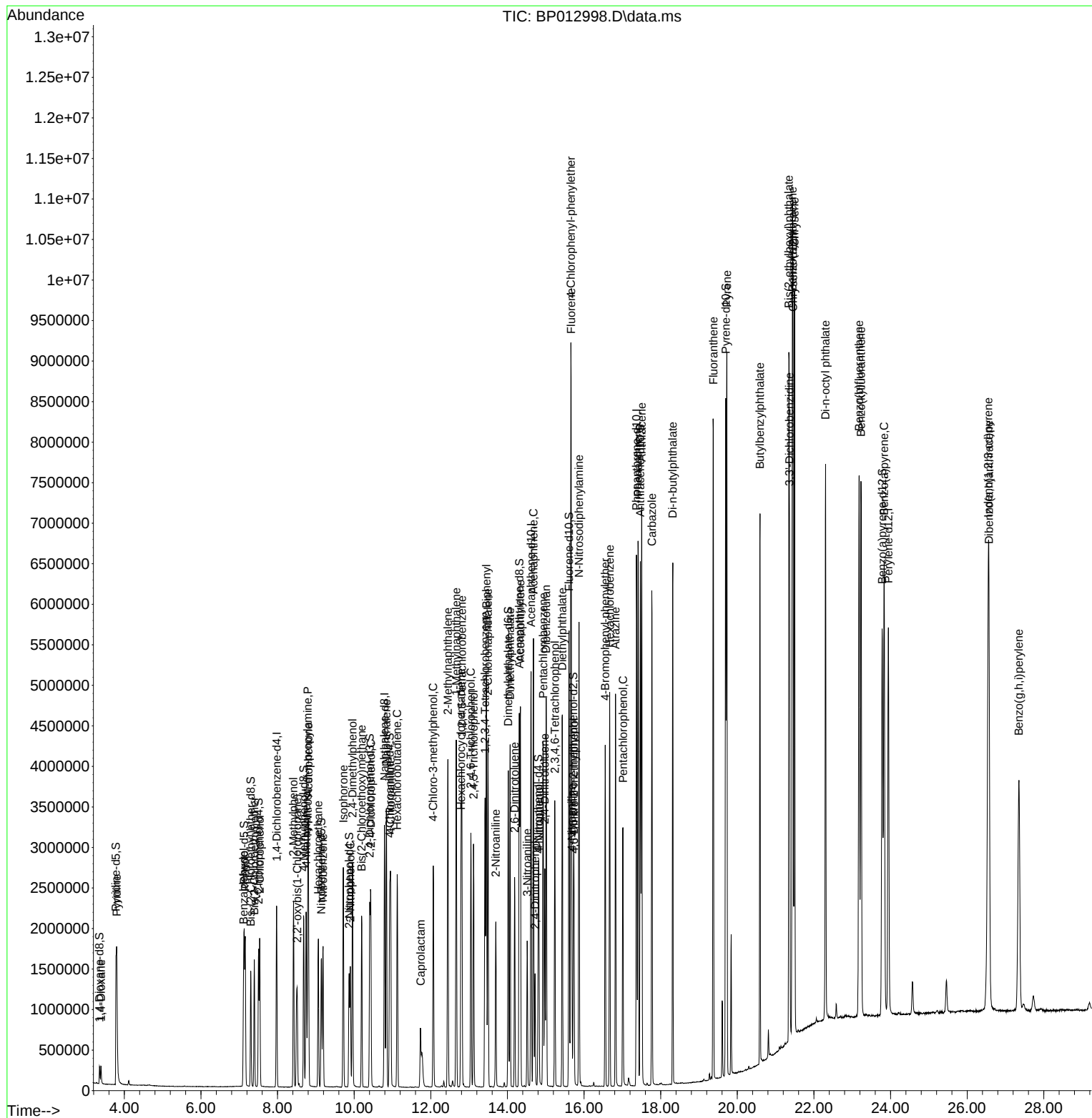
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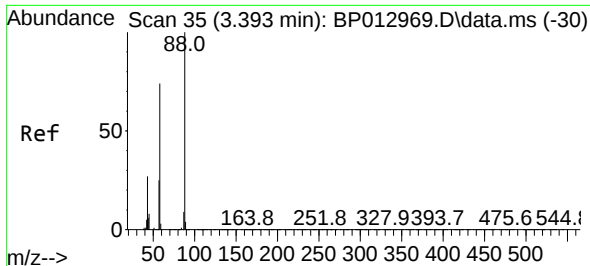
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2017128	20.310	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.810	216	1173269	20.299	ng/ul	100
40) Hexachlorocyclopentadiene	12.787	237	699353	18.593	ng/ul	99
41) 2,4,6-Trichlorophenol	13.045	196	752310	20.253	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	813050	20.377	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	2710533	20.106	ng/ul	100
44) 2-Chloronaphthalene	13.492	162	2124439	20.023	ng/ul	100
45) 2-Nitroaniline	13.698	65	534495	20.777	ng/ul	96
47) Dimethylphthalate	14.069	163	2732990	19.988	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	524754	20.651	ng/ul	99
50) Acenaphthylene	14.339	152	3291240	20.195	ng/ul	100
51) 3-Nitroaniline	14.516	138	435923	18.168	ng/ul	99
52) Acenaphthene	14.681	153	2263655	20.044	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	285111	16.415	ng/ul	98
55) 4-Nitrophenol	14.822	109	338695	20.003	ng/ul	98
56) Dibenzofuran	15.010	168	3218914	20.047	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	758863	20.560	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.239	232	732320	20.112	ng/ul	95
59) Diethylphthalate	15.434	149	2642096	19.878	ng/ul	100
61) Fluorene	15.663	166	2636016	20.470	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	1395317	20.489	ng/ul	97
63) 4-Nitroaniline	15.681	138	397272	18.816	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	480383	19.029	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	2237824	20.108	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	862358	19.781	ng/ul	97
69) Hexachlorobenzene	16.669	284	1037928	20.052	ng/ul	99
70) Atrazine	16.822	200	862761	19.893	ng/ul	100
71) Pentachlorophenol	17.016	266	587903	18.754	ng/ul	99
72) Phenanthrene	17.410	178	4245621	20.306	ng/ul	100
74) Anthracene	17.504	178	4261445	20.412	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	1165301	20.347	ng/ul	99
76) Pentachlorobenzene	14.934	250	1183622	20.270	ng/ul	99
77) Carbazole	17.769	167	3803898	21.635	ng/ul	99
78) Di-n-butylphthalate	18.316	149	4474465	20.902	ng/ul	100
80) Fluoranthene	19.374	202	5028181	20.399	ng/ul	99
82) Pyrene	19.727	202	5238157	20.602	ng/ul	100
83) Butylbenzylphthalate	20.592	149	1981283	20.170	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	1654562	19.358	ng/ul	100
85) Benzo(a)anthracene	21.439	228	5086320	20.251	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2820797	20.358	ng/ul	100
87) Chrysene	21.492	228	4852204	20.428	ng/ul	100
89) Di-n-octyl phthalate	22.304	149	4680420	21.386	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	5053531	20.286	ng/ul	100
91) Benzo(k)fluoranthene	23.227	252	4999103	20.237	ng/ul	100
93) Benzo(a)pyrene	23.833	252	4367954	20.137	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.551	276	5206100	19.268	ng/ul	100
95) Dibenzo(a,h)anthracene	26.568	278	4348968	19.441	ng/ul	100
96) Benzo(g,h,i)perylene	27.351	276	4042561	18.637	ng/ul	100

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

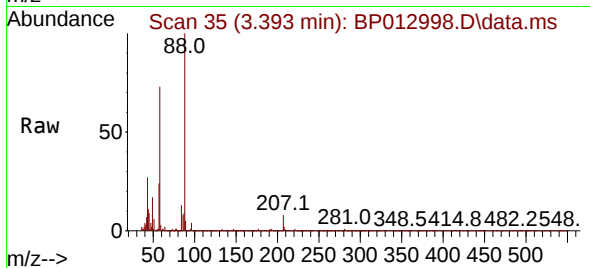
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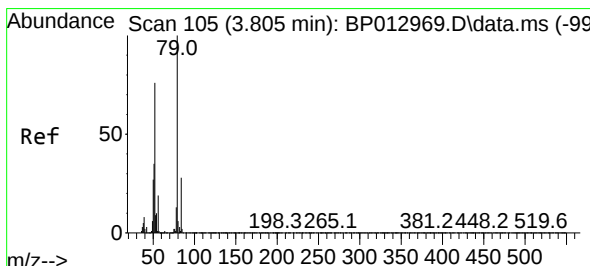
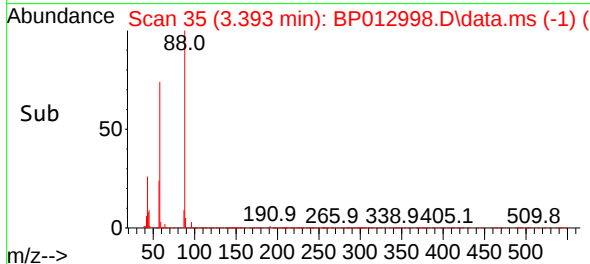
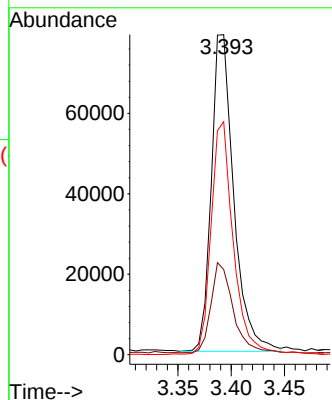


#2
1,4-Dioxane
Concen: 7.629 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. -0.000 min
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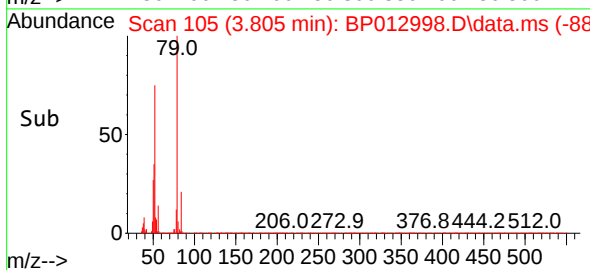
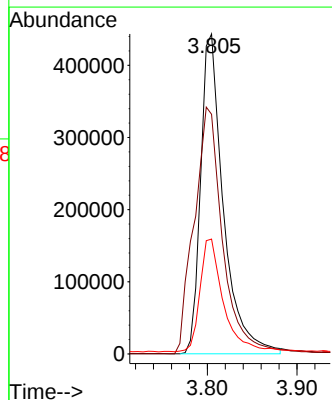
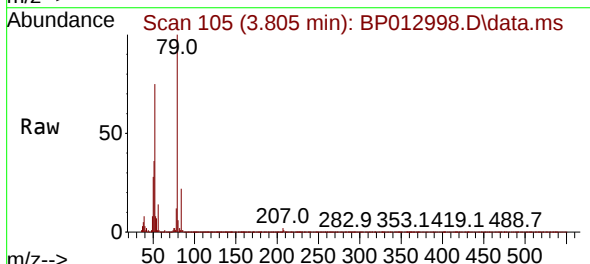


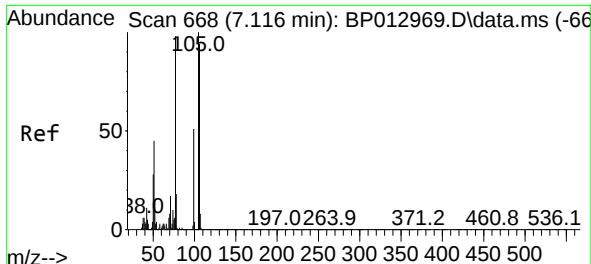
Tgt Ion: 88 Resp: 115291
Ion Ratio Lower Upper
88 100
43 26.6 22.4 33.6
58 72.8 58.2 87.4



#5
Pyridine
Concen: 19.141 ng/uL
RT: 3.805 min Scan# 105
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion: 79 Resp: 782260
Ion Ratio Lower Upper
79 100
52 74.9 60.7 91.1
51 35.9 28.9 43.3

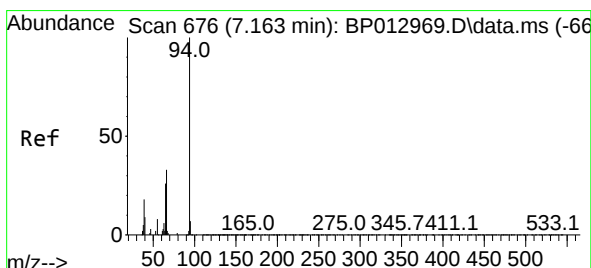
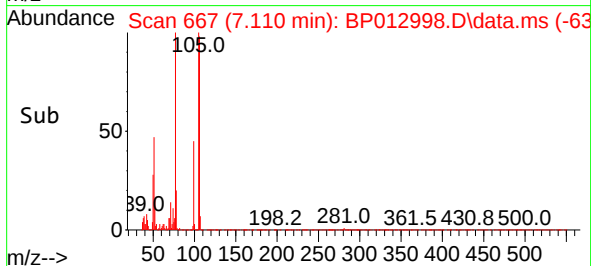
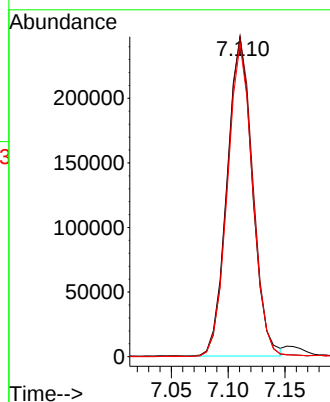
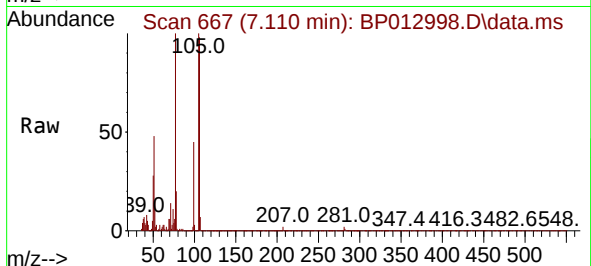




#6
Benzaldehyde
Concen: 19.407 ng/ul
RT: 7.110 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

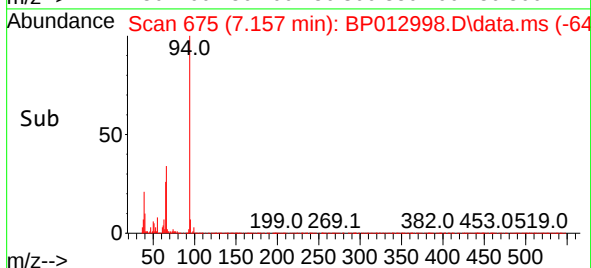
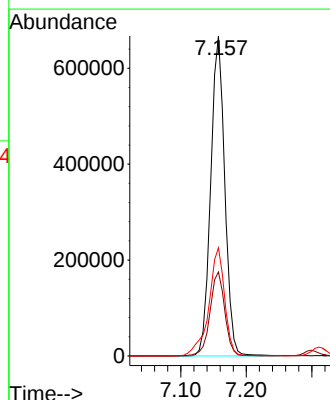
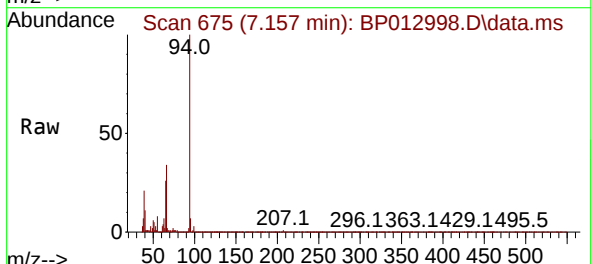
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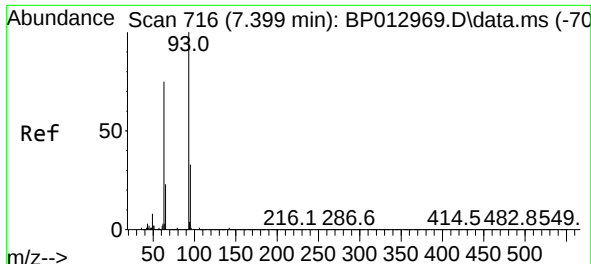
Tgt Ion: 77 Resp: 383093
Ion Ratio Lower Upper
77 100
105 100.0 81.5 122.3
106 97.8 76.9 115.3



#8
Phenol
Concen: 19.578 ng/ul
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

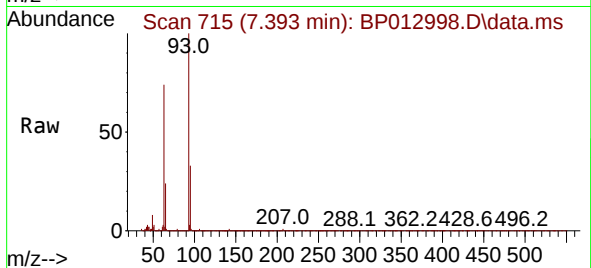
Tgt Ion: 94 Resp: 997921
Ion Ratio Lower Upper
94 100
65 26.3 21.1 31.7
66 33.8 27.0 40.6



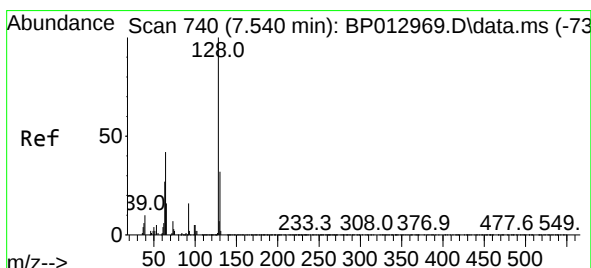
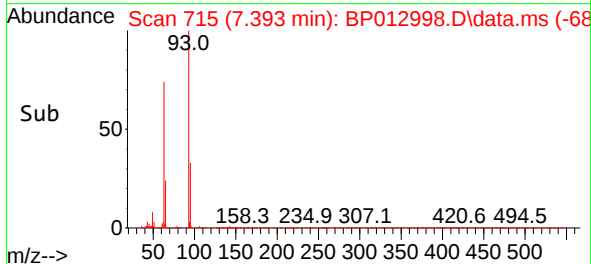
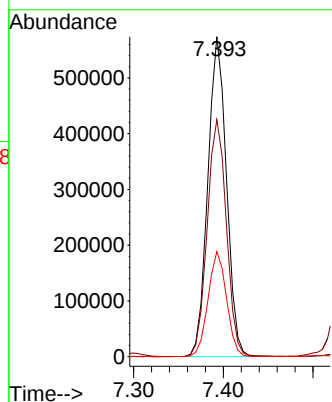


#10
Bis(2-Chloroethyl)ether
Concen: 19.783 ng/ul
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Instrument :
BNA_P
ClientSampleId :

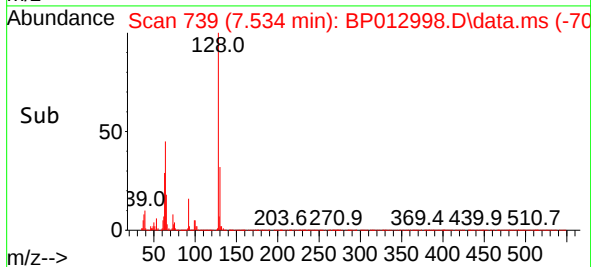
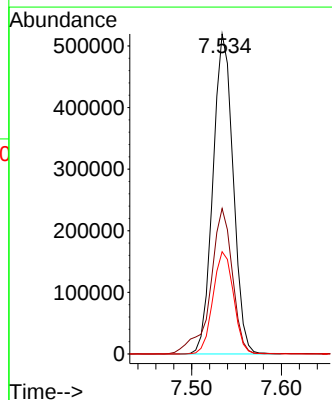
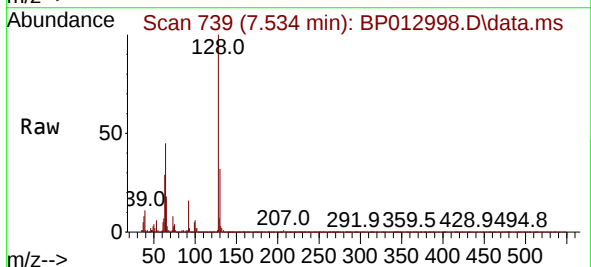


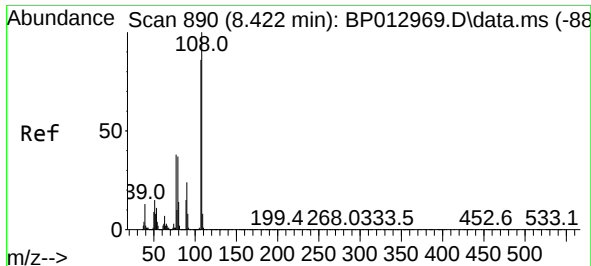
Tgt Ion: 93 Resp: 827633
Ion Ratio Lower Upper
93 100
63 74.1 59.8 89.8
95 32.9 26.4 39.6



#12
2-Chlorophenol
Concen: 19.955 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:128 Resp: 812121
Ion Ratio Lower Upper
128 100
64 45.5 34.9 52.3
130 31.9 25.8 38.6





#13

2-Methylphenol

Concen: 19.447 ng/ul

RT: 8.416 min Scan# 890

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

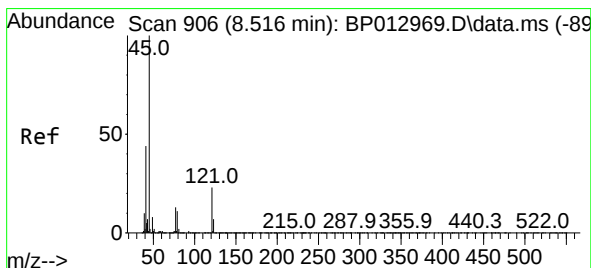
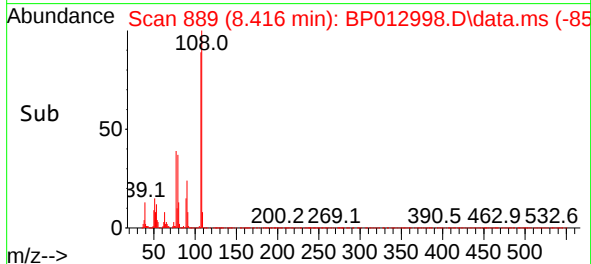
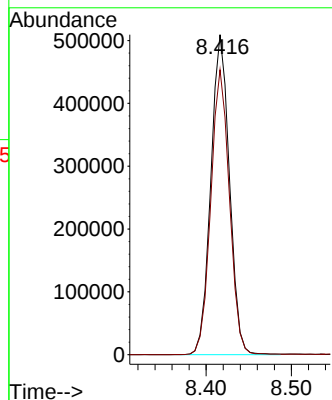
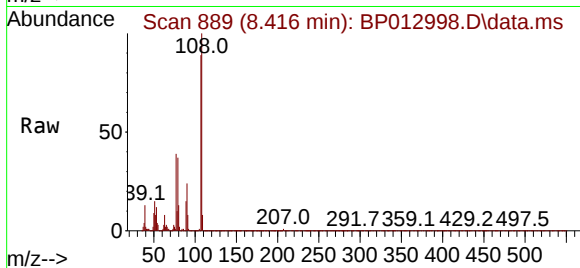
ClientSampleId :

Tgt Ion:108 Resp: 772786

Ion Ratio Lower Upper

108 100

107 89.1 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.509 ng/ul

RT: 8.510 min Scan# 905

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

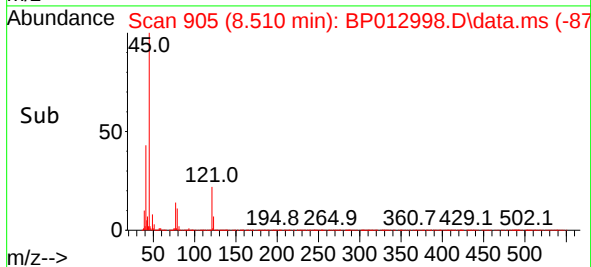
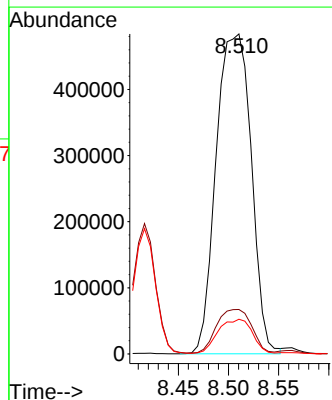
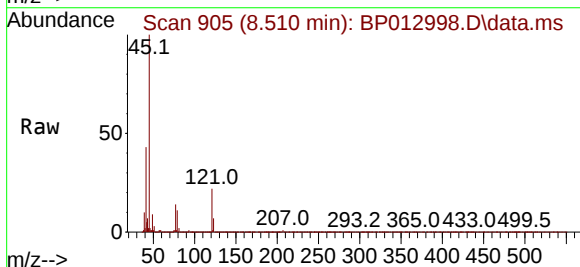
Tgt Ion: 45 Resp: 1177351

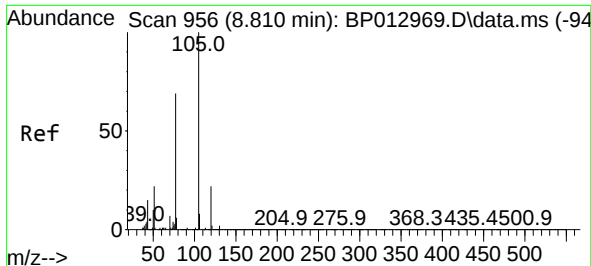
Ion Ratio Lower Upper

45 100

77 13.9 11.0 16.6

79 10.8 9.3 13.9

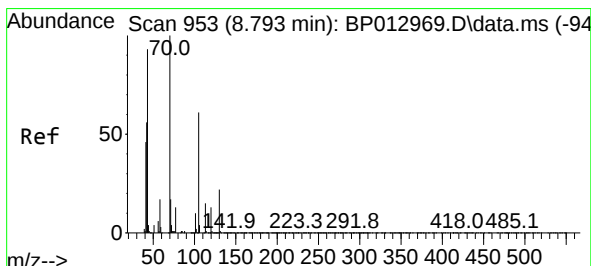
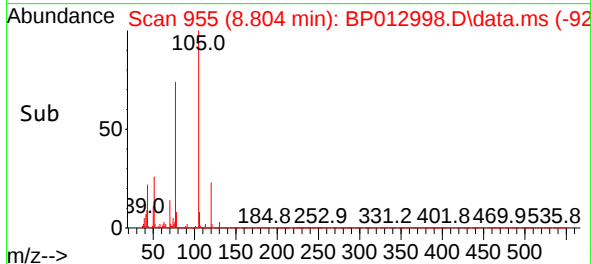
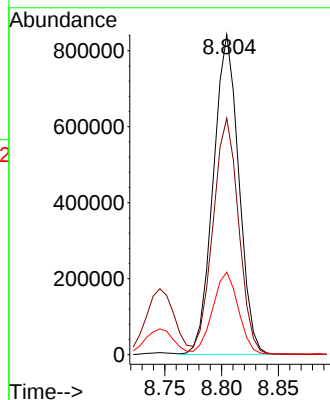
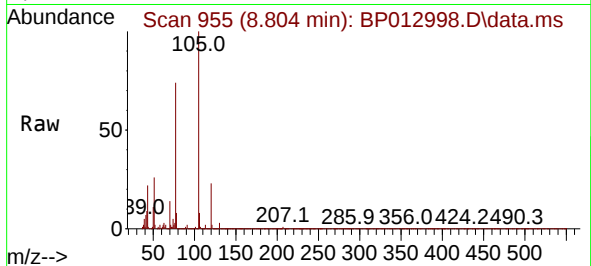




#16
Acetophenone
Concen: 20.713 ng/ul
RT: 8.804 min Scan# 911
Delta R.T. -0.006 min
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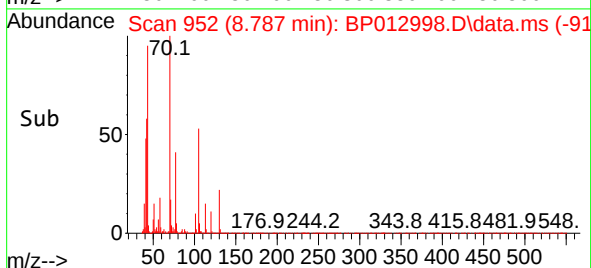
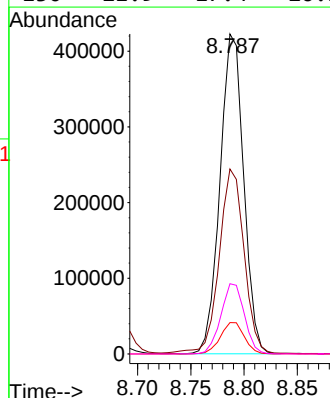
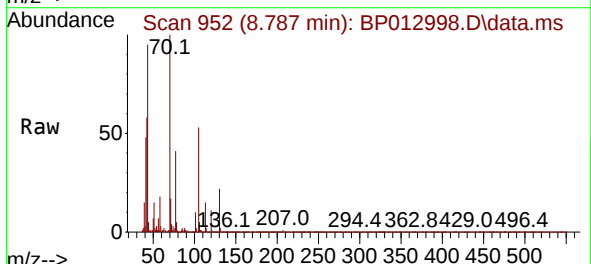
Instrument :
BNA_P
ClientSampleId :

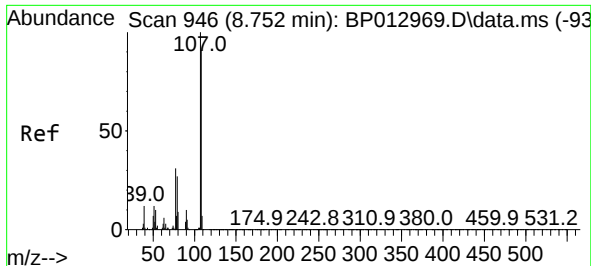
Tgt Ion:105 Resp: 1311872
Ion Ratio Lower Upper
105 100
77 73.9 59.3 88.9
51 25.8 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.474 ng/ul
RT: 8.787 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion: 70 Resp: 652099
Ion Ratio Lower Upper
70 100
42 57.8 45.5 68.3
101 9.8 7.9 11.9
130 21.9 17.4 26.2

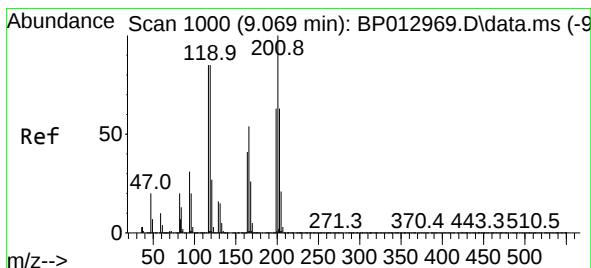
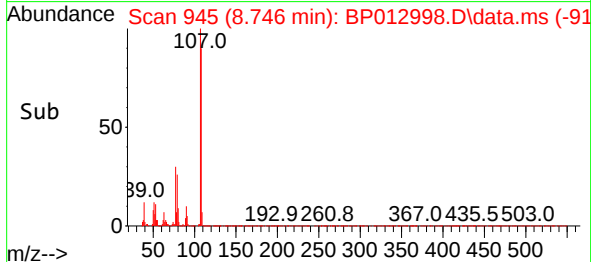
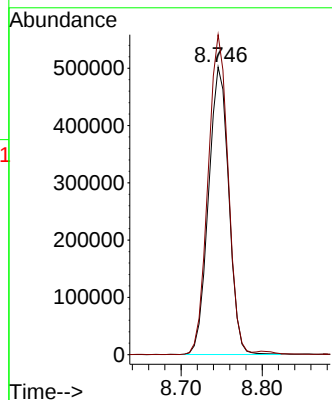
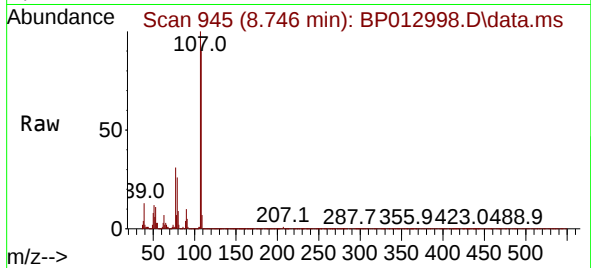




#18
4-Methylphenol
Concen: 19.739 ng/ul
RT: 8.746 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

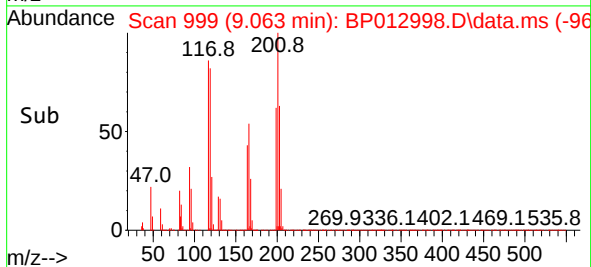
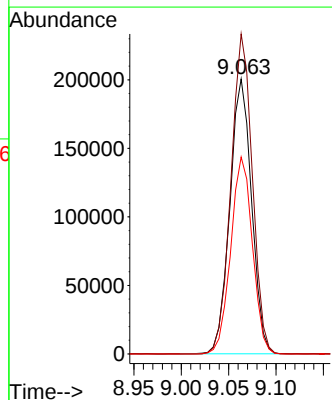
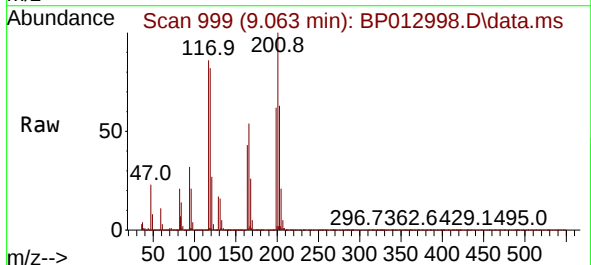
Instrument :
BNA_P
ClientSampleId :

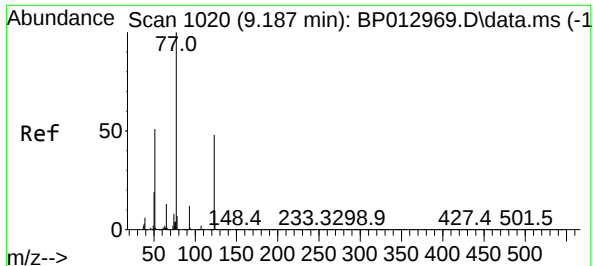
Tgt Ion:108 Resp: 868831
Ion Ratio Lower Upper
108 100
107 111.2 87.4 131.2



#19
Hexachloroethane
Concen: 19.652 ng/ul
RT: 9.063 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:117 Resp: 319597
Ion Ratio Lower Upper
117 100
201 116.4 93.7 140.5
199 71.6 58.6 88.0

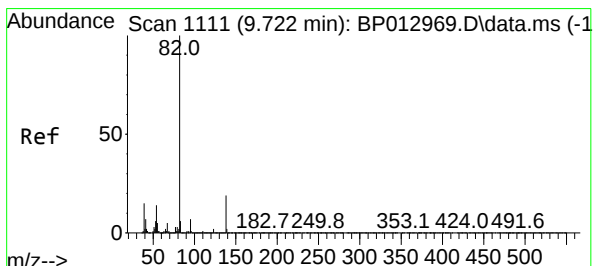
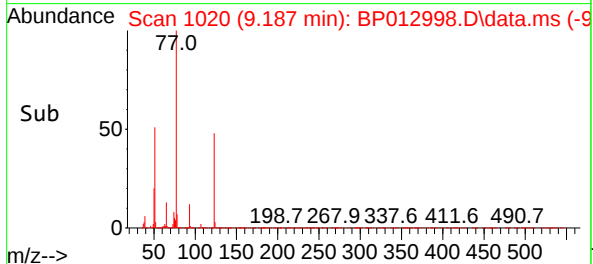
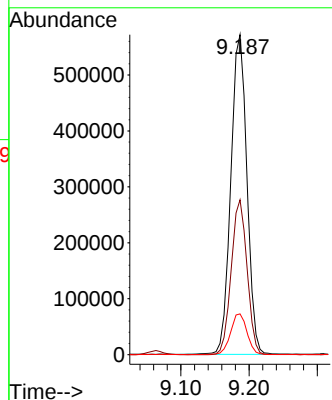
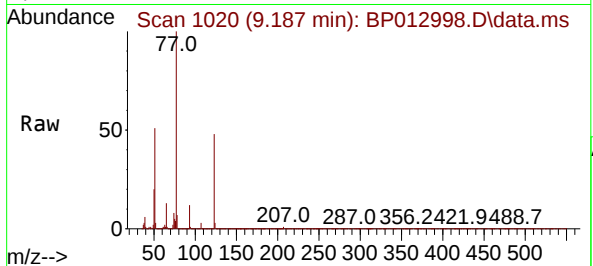




#22
Nitrobenzene
Concen: 20.247 ng/ul
RT: 9.187 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

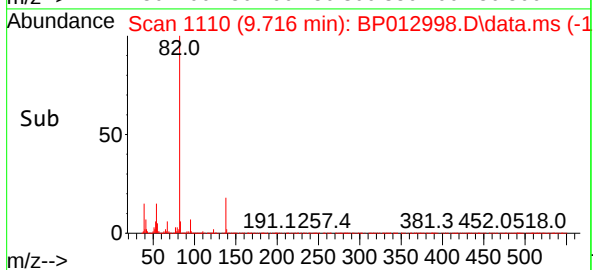
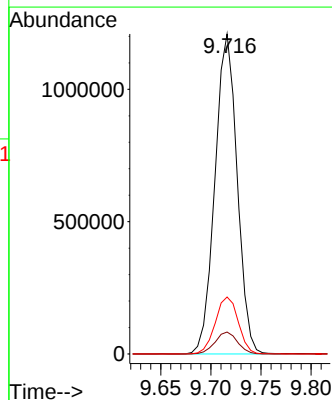
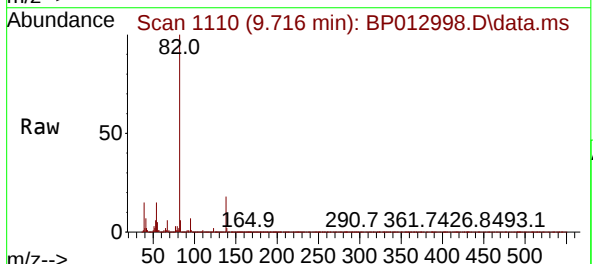
Instrument :
BNA_P
ClientSampleId :

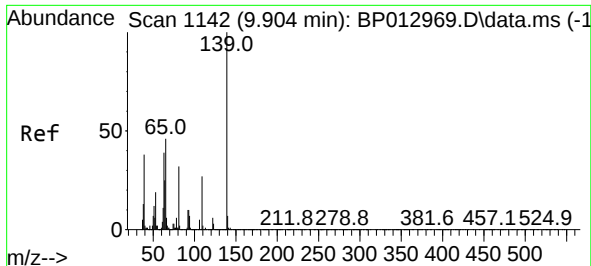
Tgt Ion: 77 Resp: 939615
Ion Ratio Lower Upper
77 100
123 48.4 38.3 57.5
65 12.7 10.3 15.5



#23
Isophorone
Concen: 19.781 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion: 82 Resp: 1856189
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.8 15.3 22.9

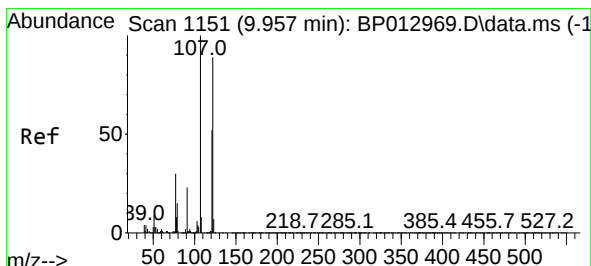
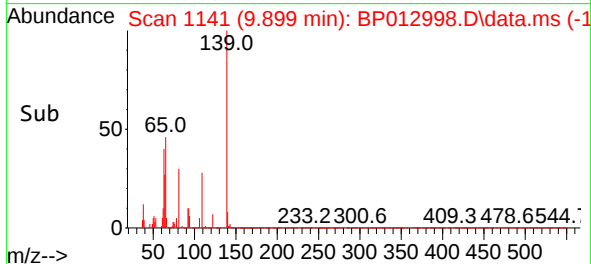
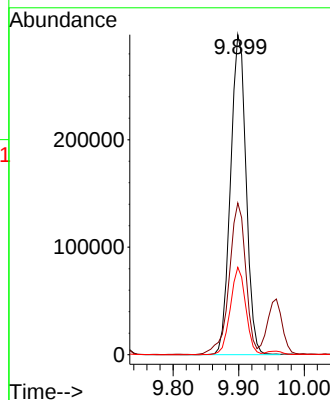
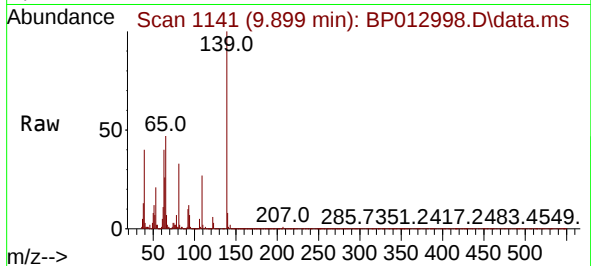




#25
2-Nitrophenol
Concen: 20.358 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

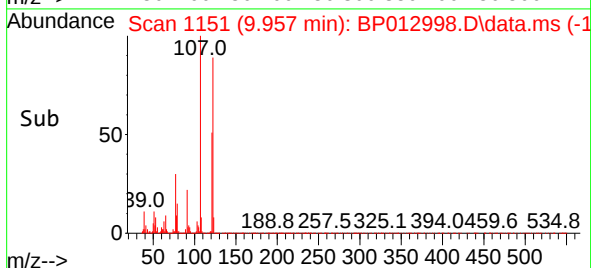
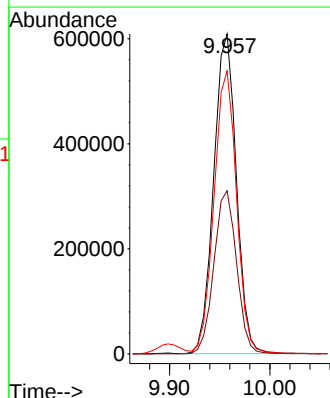
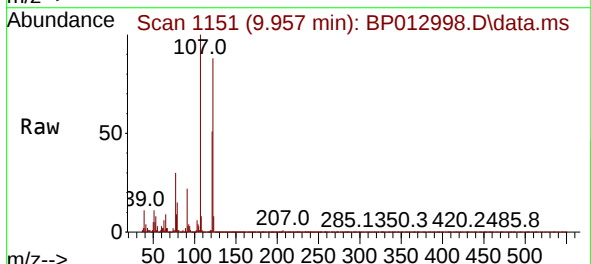
Instrument :
BNA_P
ClientSampleId :

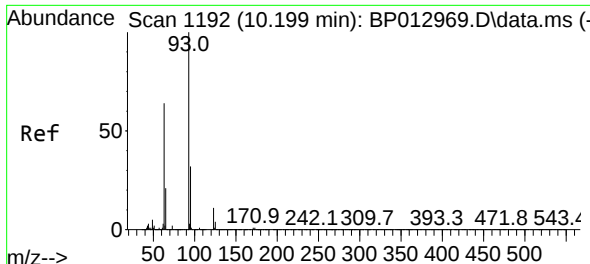
Tgt Ion:139 Resp: 491126
Ion Ratio Lower Upper
139 100
65 47.4 36.6 54.8
109 27.3 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 20.211 ng/ul
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:107 Resp: 951304
Ion Ratio Lower Upper
107 100
121 51.0 41.8 62.6
122 88.5 72.6 108.8

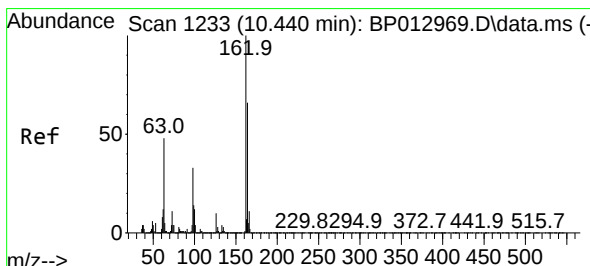
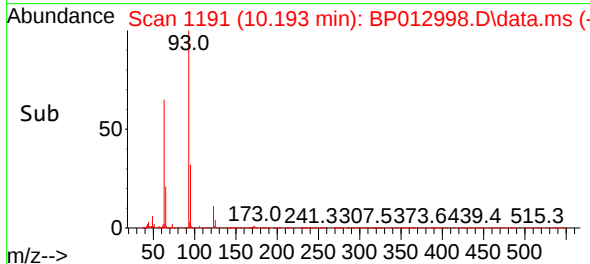
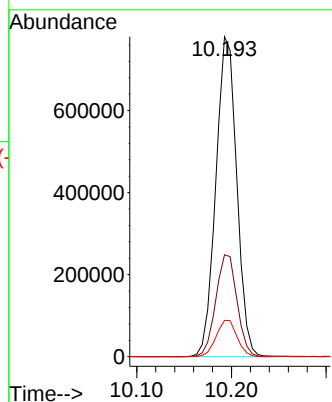
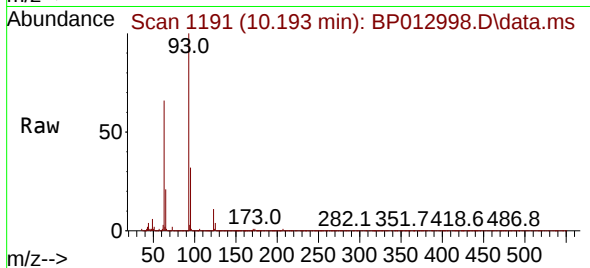




#27
Bis(2-Chloroethoxy)methane
Concen: 19.931 ng/ul
RT: 10.193 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

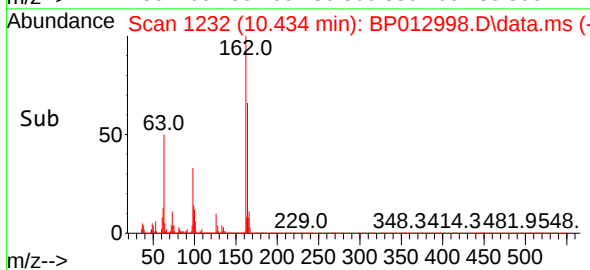
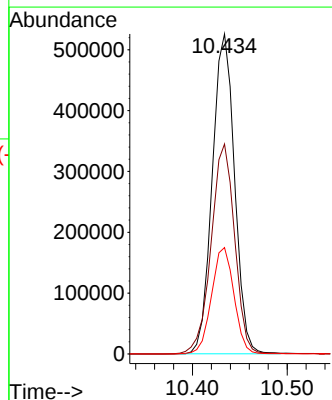
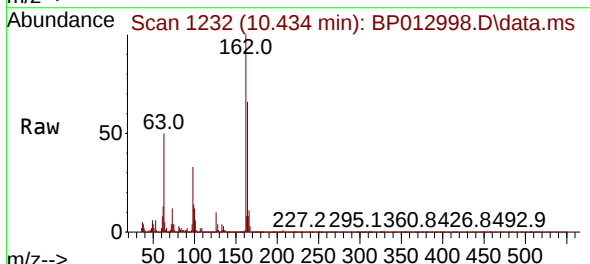
Instrument :
BNA_P
ClientSampleId :

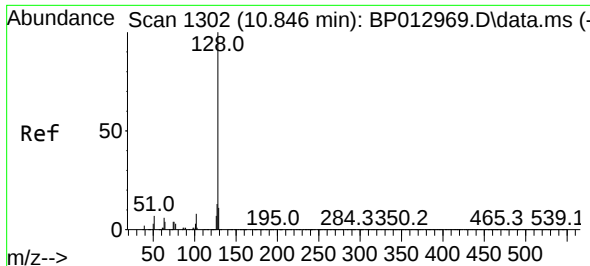
Tgt Ion: 93 Resp: 1195877
Ion Ratio Lower Upper
93 100
95 31.9 26.0 39.0
123 11.4 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 20.309 ng/ul
RT: 10.434 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:162 Resp: 860338
Ion Ratio Lower Upper
162 100
164 65.6 52.5 78.7
98 33.3 26.6 39.8

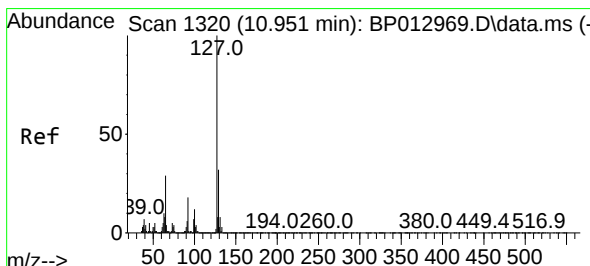
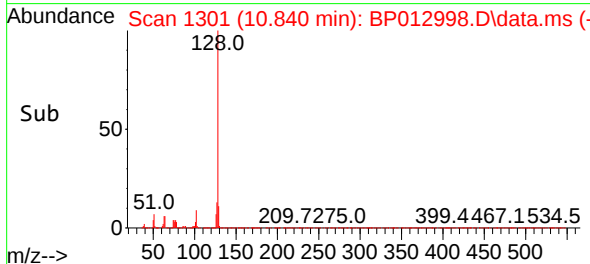
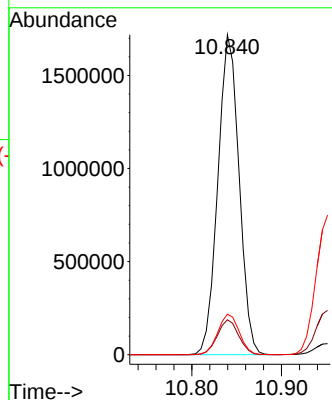
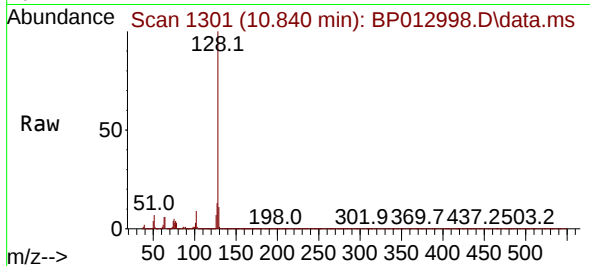




#30
Naphthalene
Concen: 20.020 ng/ul
RT: 10.840 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

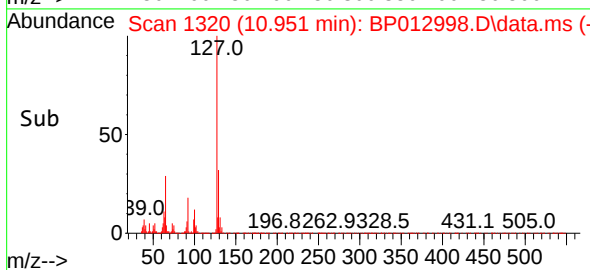
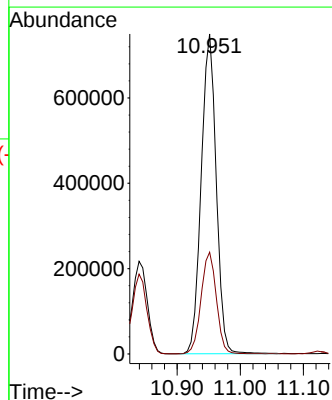
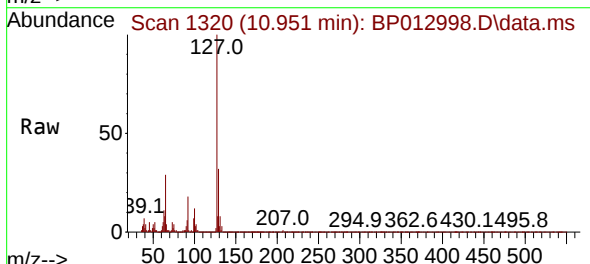
Instrument :
BNA_P
ClientSampleId :

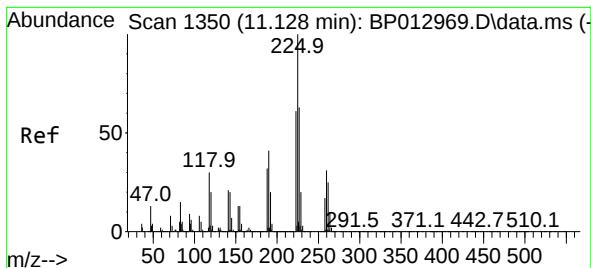
Tgt Ion:128 Resp: 2818260
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.6 10.4 15.6



#32
4-Chloroaniline
Concen: 20.423 ng/ul
RT: 10.951 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:127 Resp: 1233822
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4





#33

Hexachlorobutadiene

Concen: 19.962 ng/ul

RT: 11.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

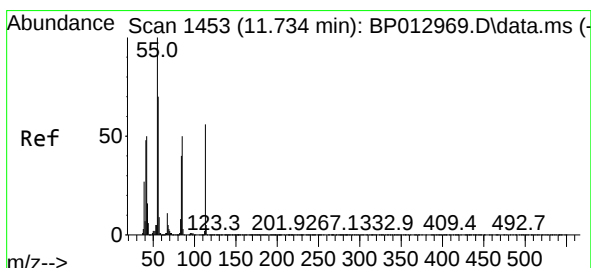
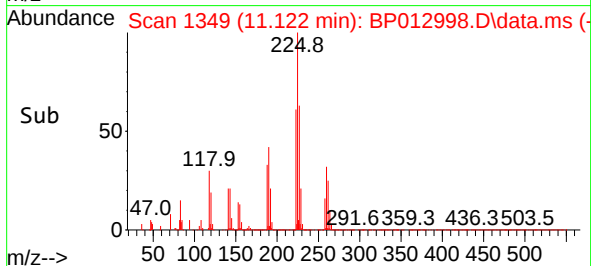
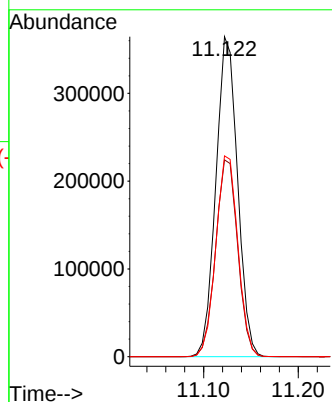
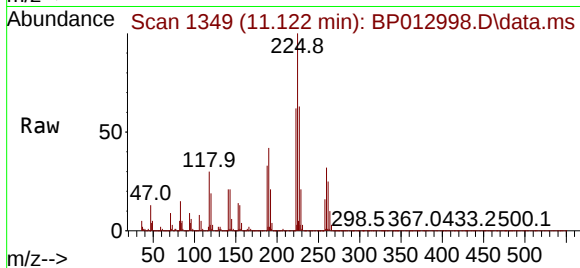
Tgt Ion:225 Resp: 580609

Ion Ratio Lower Upper

225 100

223 61.5 49.2 73.8

227 62.8 50.2 75.2



#34

Caprolactam

Concen: 11.073 ng/ul

RT: 11.734 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

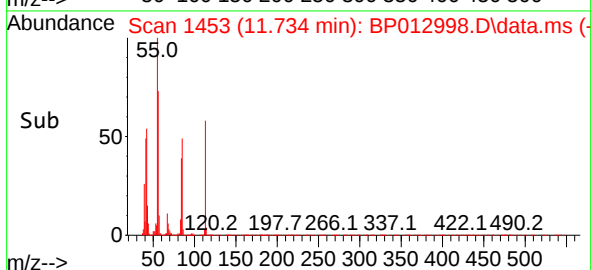
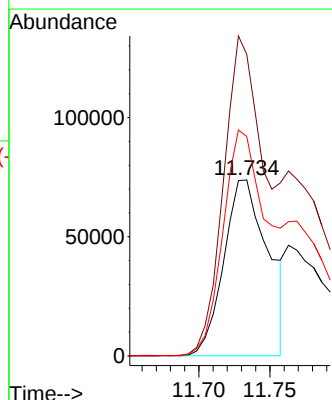
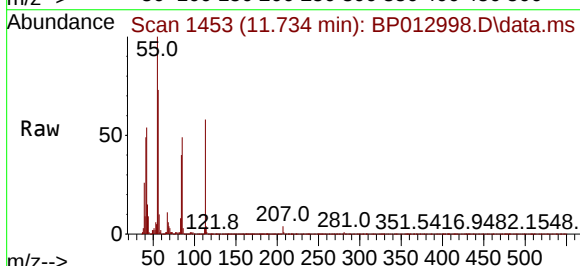
Tgt Ion:113 Resp: 159941

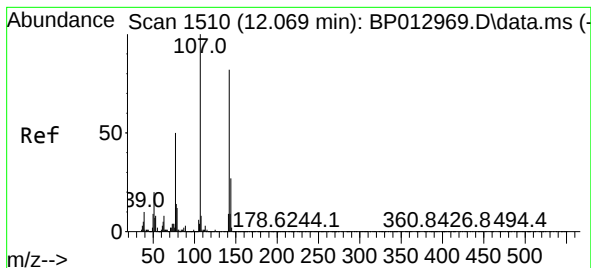
Ion Ratio Lower Upper

113 100

55 171.3 141.9 212.9

56 124.6 99.6 149.4

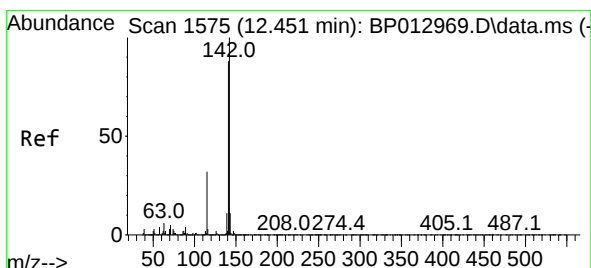
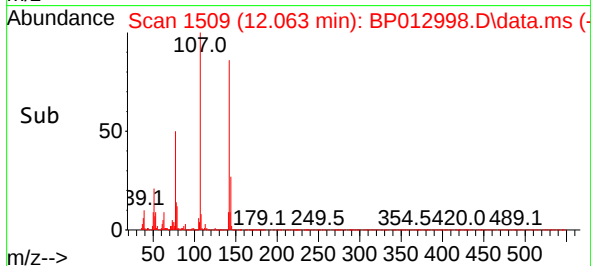
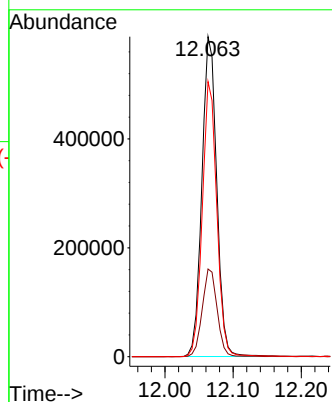
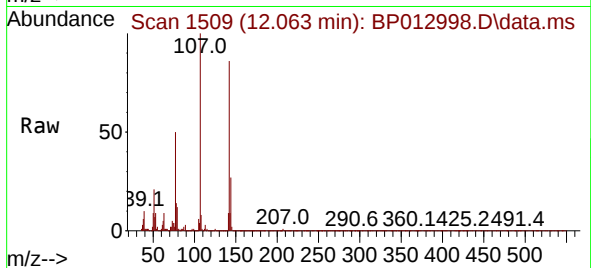




#35
4-Chloro-3-methylphenol
Concen: 20.602 ng/ul
RT: 12.063 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

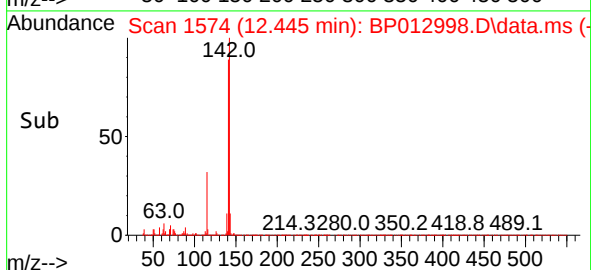
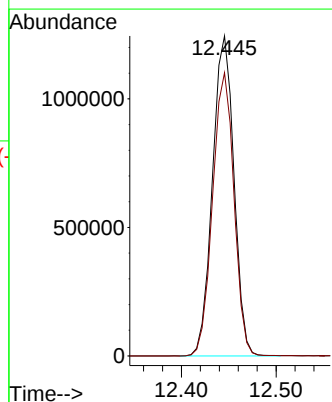
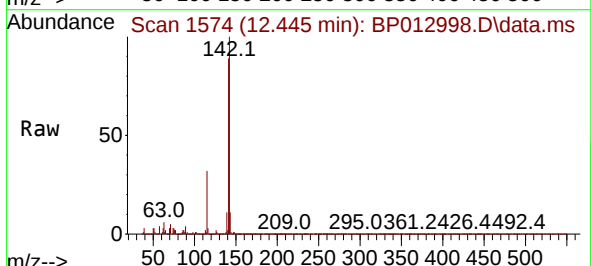
Instrument :
BNA_P
ClientSampleId :

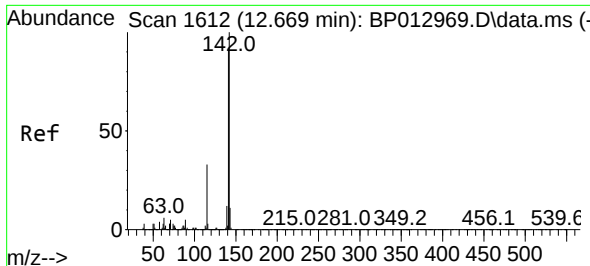
Tgt Ion:107 Resp: 890654
Ion Ratio Lower Upper
107 100
144 27.4 21.4 32.2
142 86.0 65.8 98.6



#36
2-Methylnaphthalene
Concen: 20.233 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:142 Resp: 1953972
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2

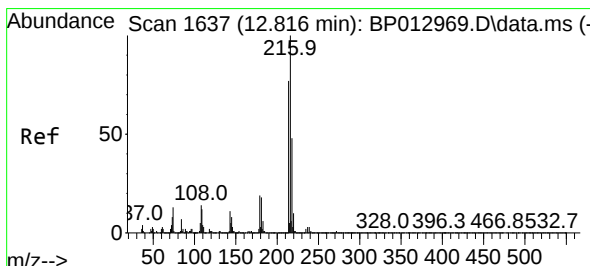
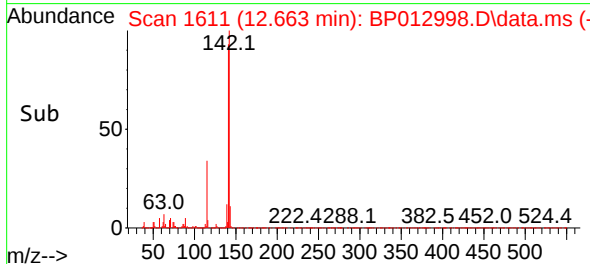
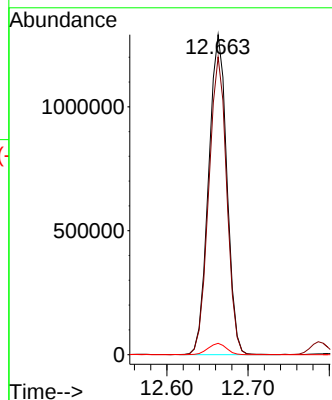
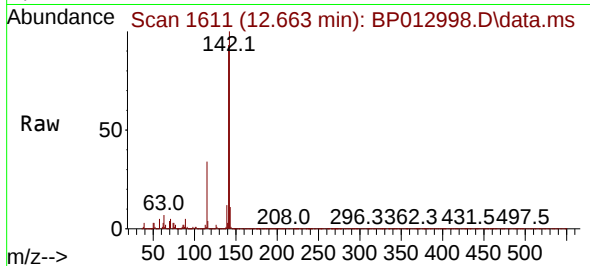




#37
1-Methylnaphthalene
Concen: 20.310 ng/ul
RT: 12.663 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

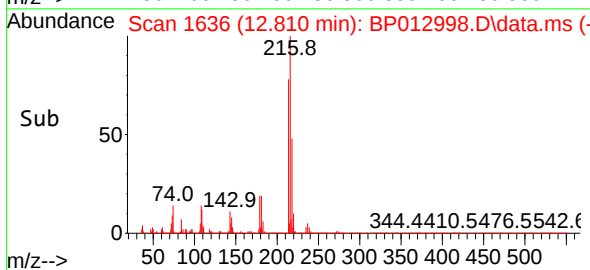
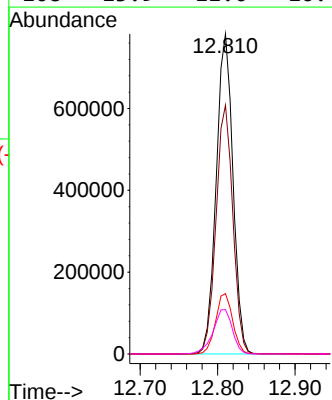
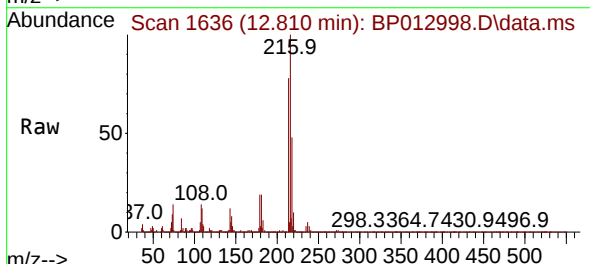
Instrument :
BNA_P
ClientSampleId :

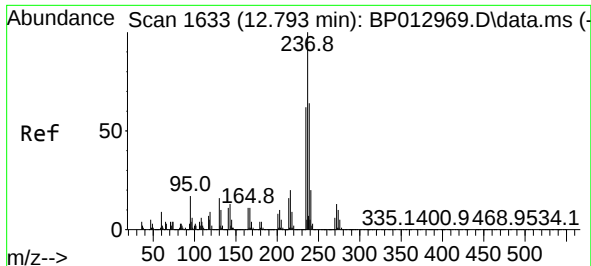
Tgt Ion:142 Resp: 2017128
Ion Ratio Lower Upper
142 100
141 93.1 72.7 109.1
116 3.6 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.299 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:216 Resp: 1173269
Ion Ratio Lower Upper
216 100
214 77.7 61.9 92.9
179 18.9 15.0 22.6
108 13.9 11.0 16.4

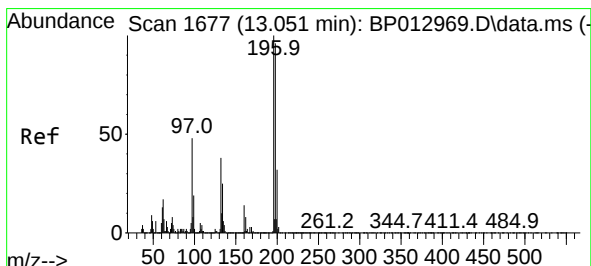
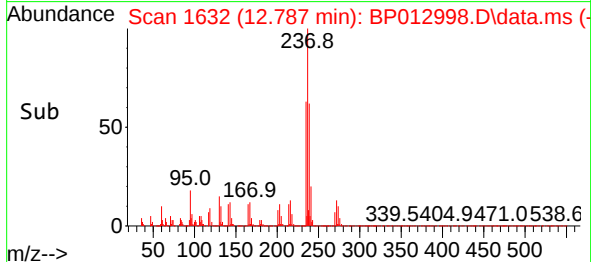
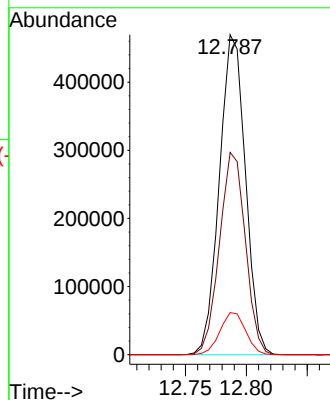
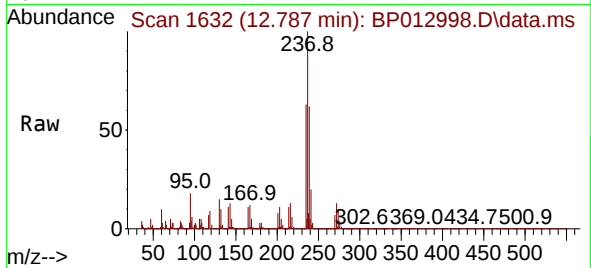




#40
Hexachlorocyclopentadiene
Concen: 18.593 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

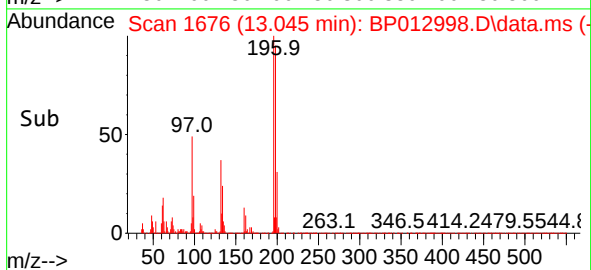
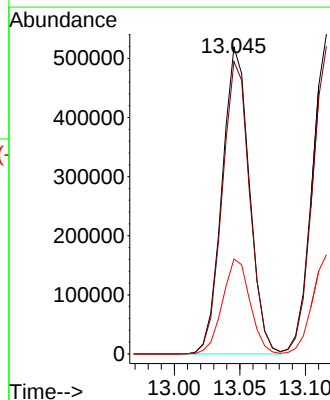
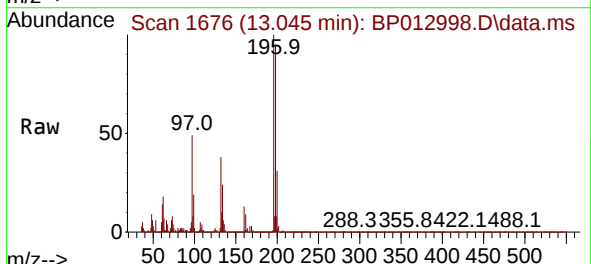
Instrument :
BNA_P
ClientSampleId :

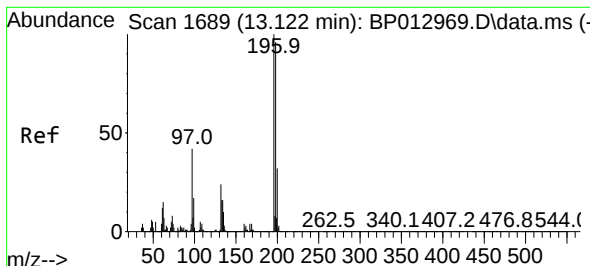
Tgt Ion:237 Resp: 699353
Ion Ratio Lower Upper
237 100
235 63.2 49.7 74.5
272 13.2 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 20.253 ng/ul
RT: 13.045 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:196 Resp: 752310
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.6
200 30.9 25.3 37.9

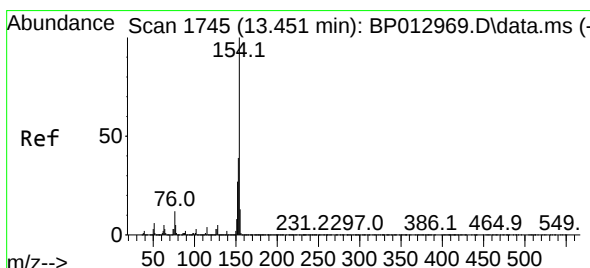
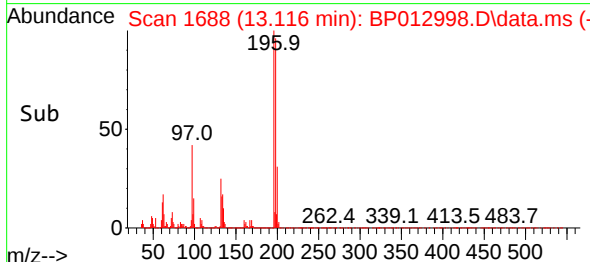
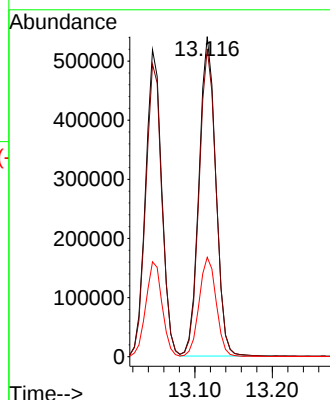
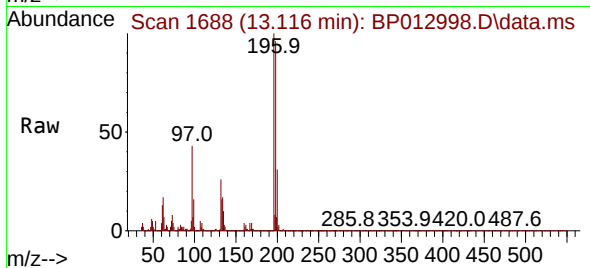




#42
2,4,5-Trichlorophenol
Concen: 20.377 ng/ul
RT: 13.116 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

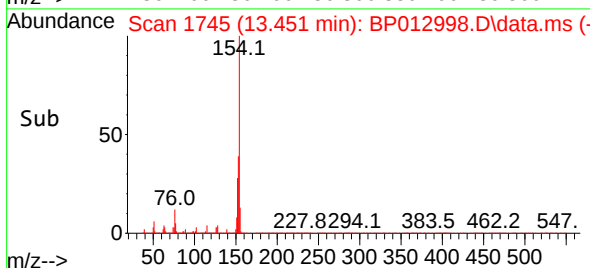
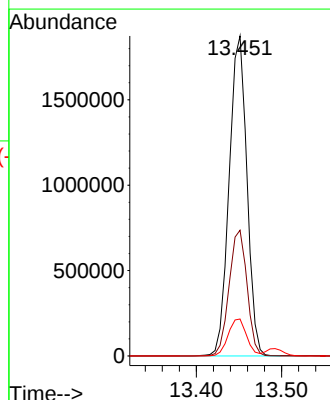
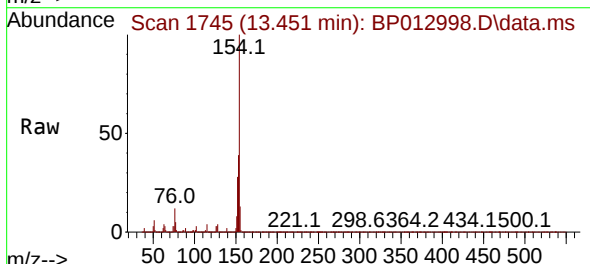
Instrument :
BNA_P
ClientSampleId :

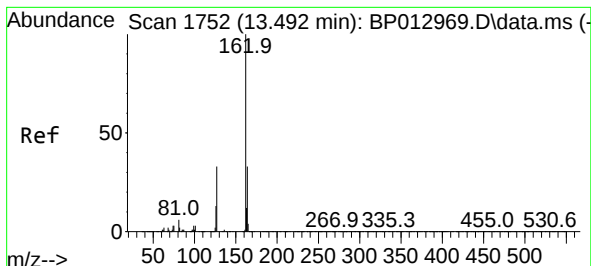
Tgt Ion:196 Resp: 813050
Ion Ratio Lower Upper
196 100
198 96.2 77.1 115.7
200 31.1 25.4 38.2



#43
1,1'-Biphenyl
Concen: 20.106 ng/ul
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:154 Resp: 2710533
Ion Ratio Lower Upper
154 100
153 39.3 31.5 47.3
76 11.5 9.6 14.4

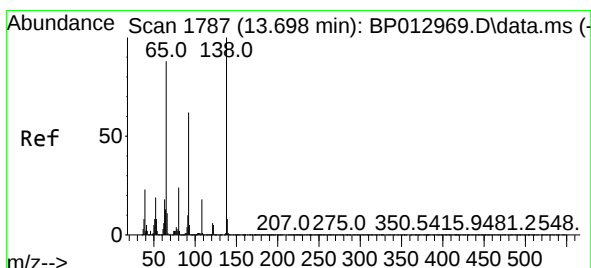
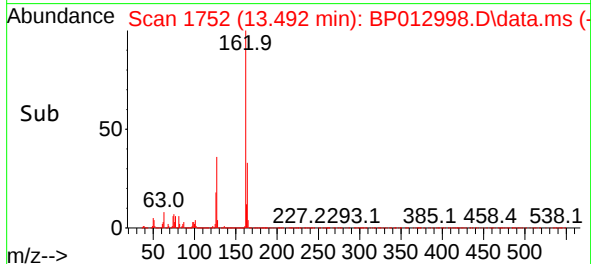
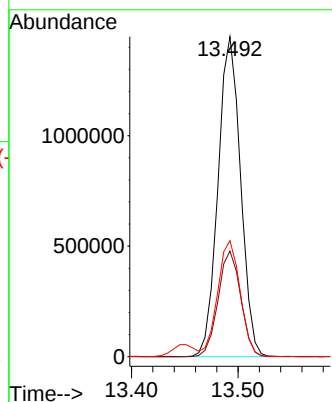
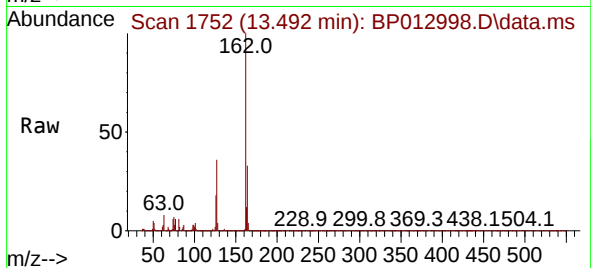




#44
2-Chloronaphthalene
Concen: 20.023 ng/ul
RT: 13.492 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

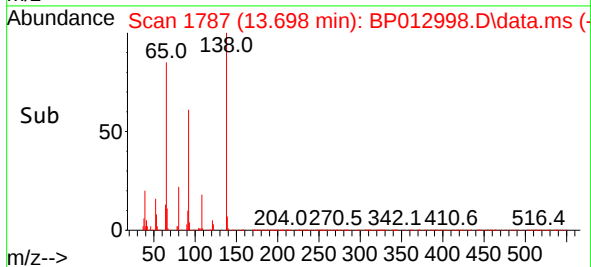
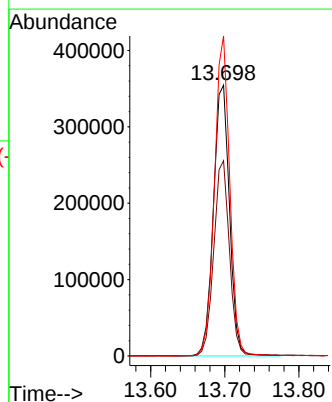
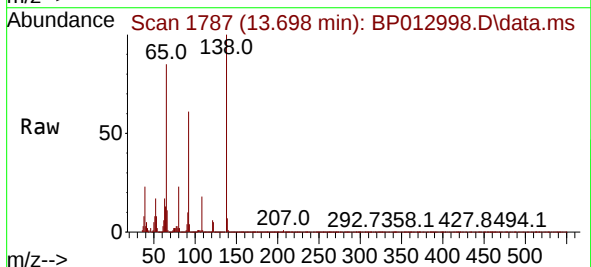
Instrument :
BNA_P
ClientSampleId :

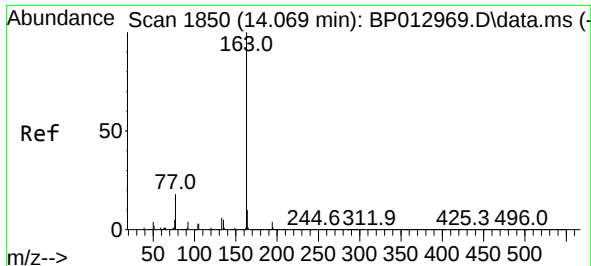
Tgt Ion:162 Resp: 2124439
Ion Ratio Lower Upper
162 100
164 33.0 26.3 39.5
127 36.2 29.3 43.9



#45
2-Nitroaniline
Concen: 20.777 ng/ul
RT: 13.698 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion: 65 Resp: 534495
Ion Ratio Lower Upper
65 100
92 72.1 56.4 84.6
138 118.1 90.3 135.5

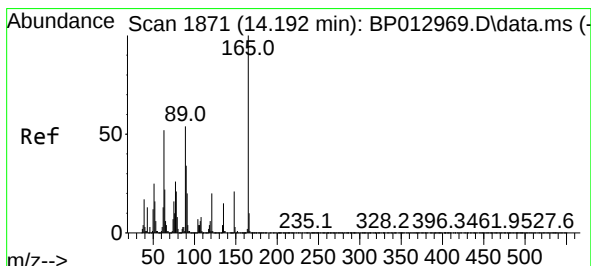
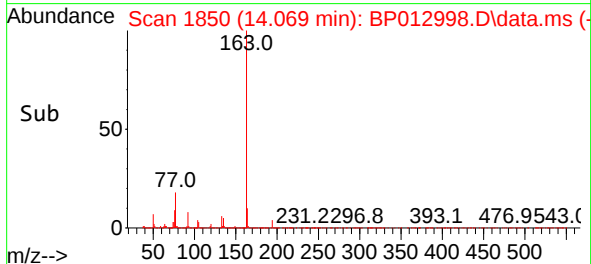
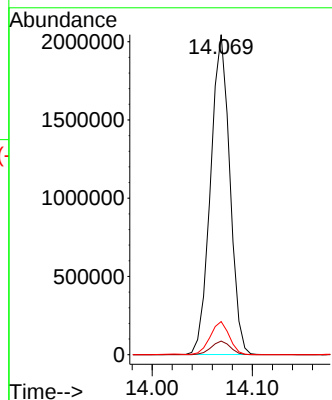
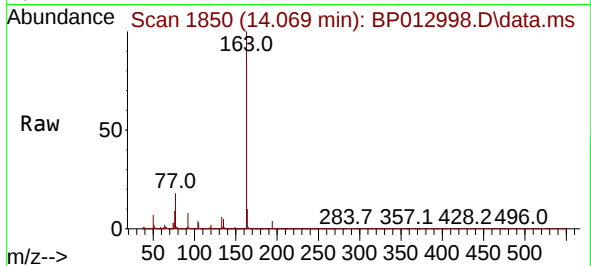




#47
Dimethylphthalate
Concen: 19.988 ng/ul
RT: 14.069 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

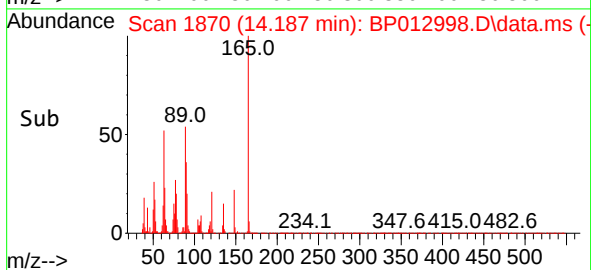
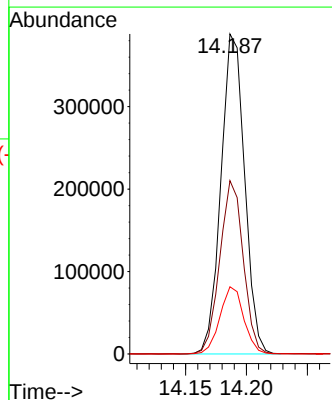
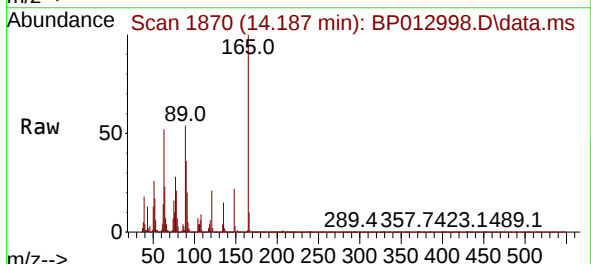
Instrument :
BNA_P
ClientSampleId :

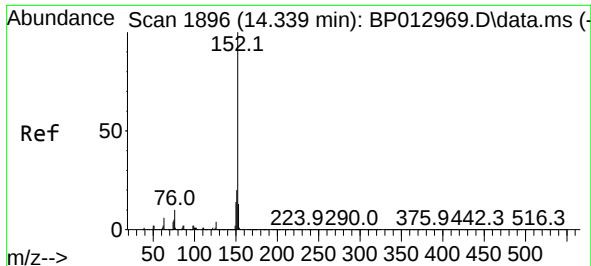
Tgt Ion:163 Resp: 2732990
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 20.651 ng/ul
RT: 14.187 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:165 Resp: 524754
Ion Ratio Lower Upper
165 100
89 54.2 43.0 64.4
121 21.0 16.1 24.1

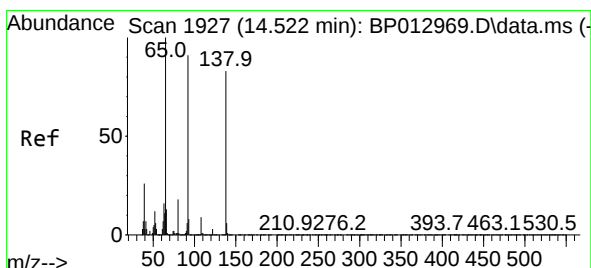
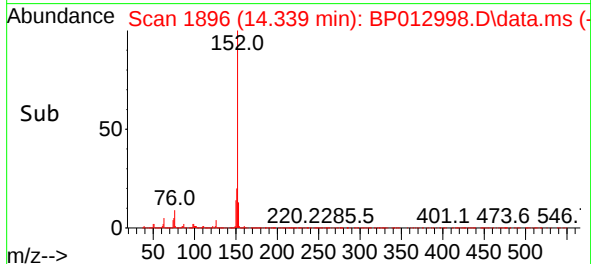
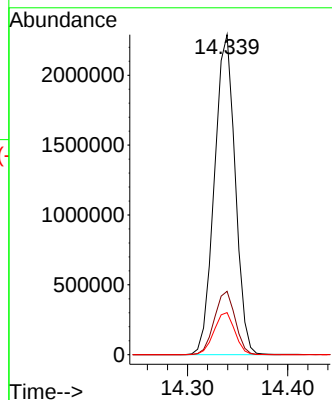
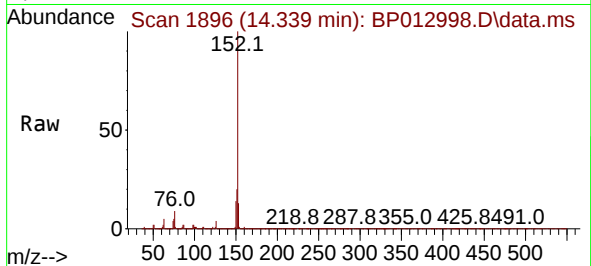




#50
Acenaphthylene
Concen: 20.195 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

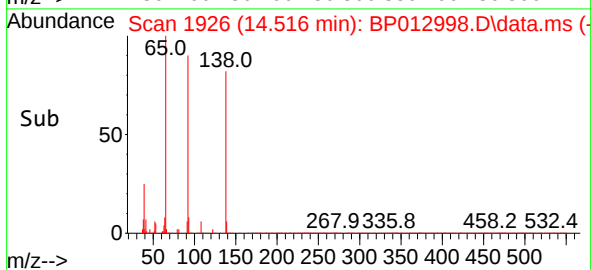
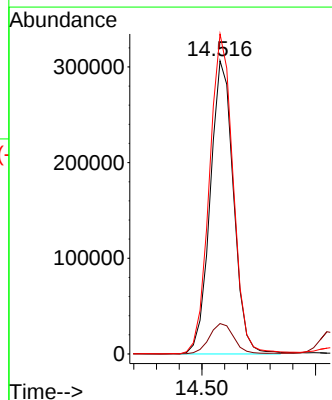
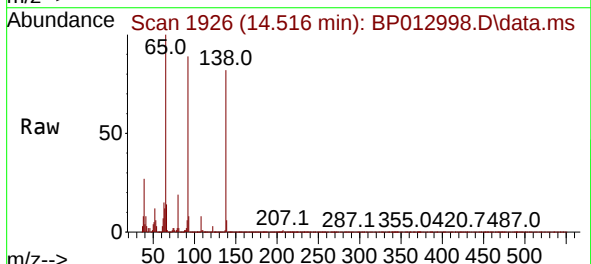
Instrument :
BNA_P
ClientSampleId :

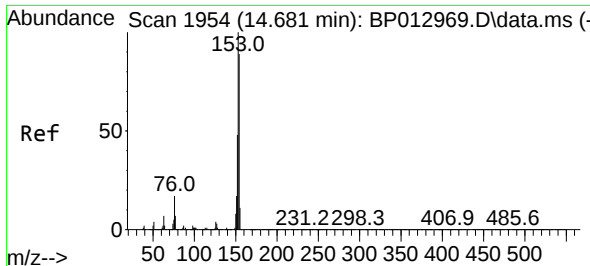
Tgt Ion:152 Resp: 3291240
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 18.168 ng/ul
RT: 14.516 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:138 Resp: 435923
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 109.2 88.4 132.6

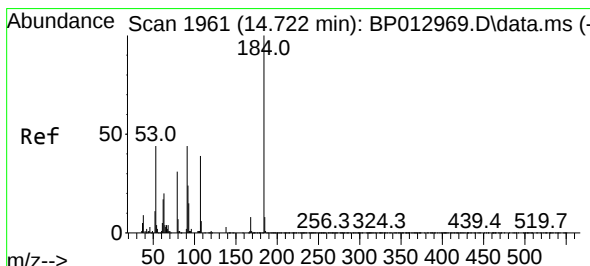
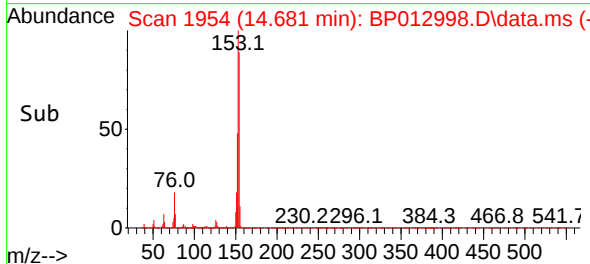
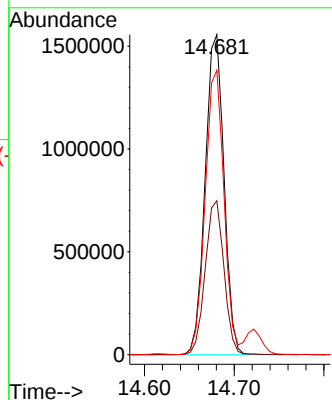
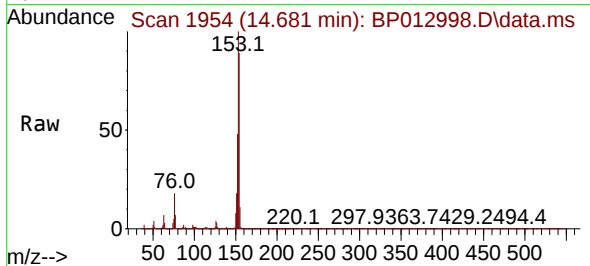




#52
Acenaphthene
Concen: 20.044 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

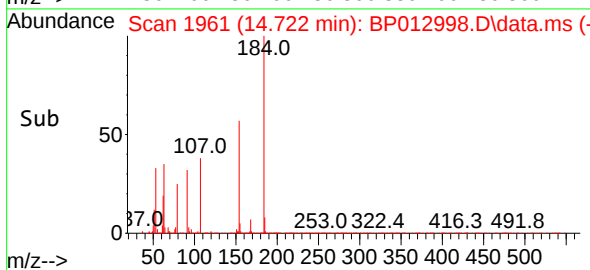
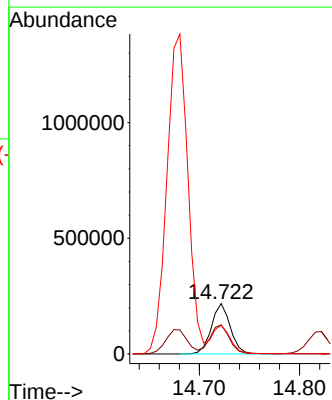
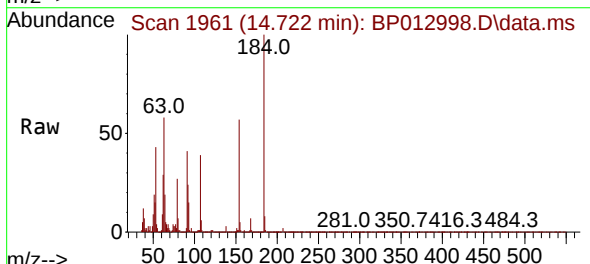
Instrument :
BNA_P
ClientSampleId :

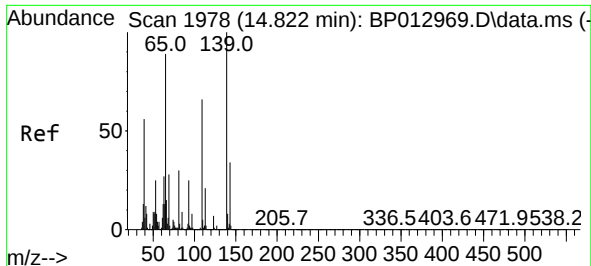
Tgt Ion:153 Resp: 2263655
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.4
154 88.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 16.415 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:184 Resp: 285111
Ion Ratio Lower Upper
184 100
63 57.9 48.4 72.6
154 57.1 45.5 68.3

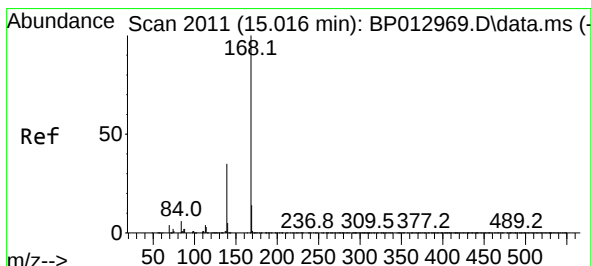
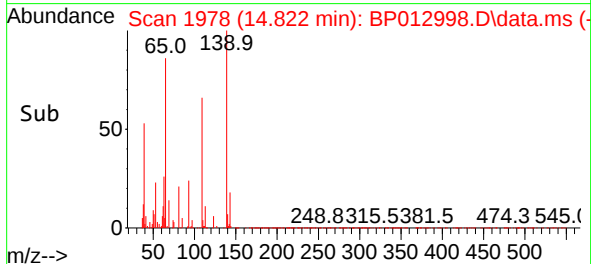
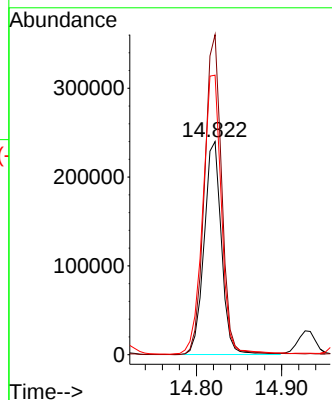
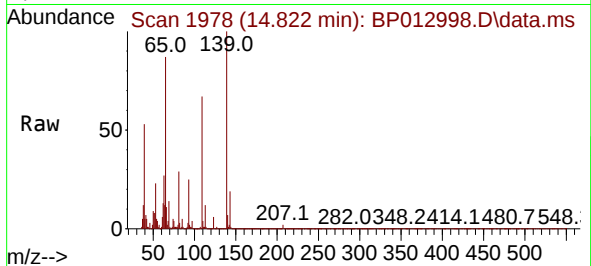




#55
4-Nitrophenol
Concen: 20.003 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

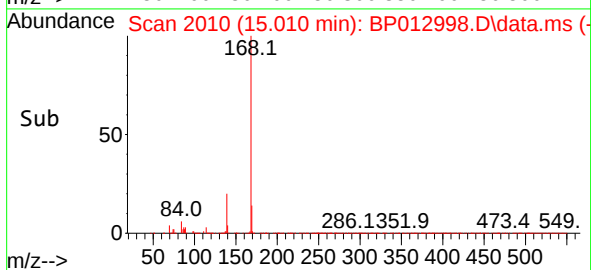
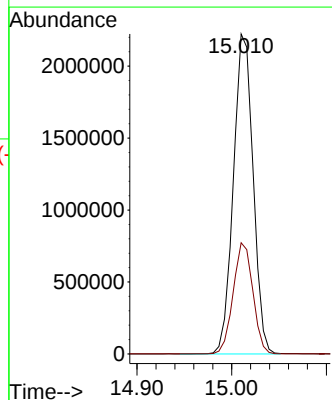
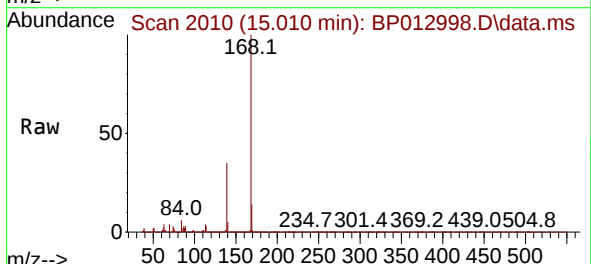
Instrument :
BNA_P
ClientSampleId :

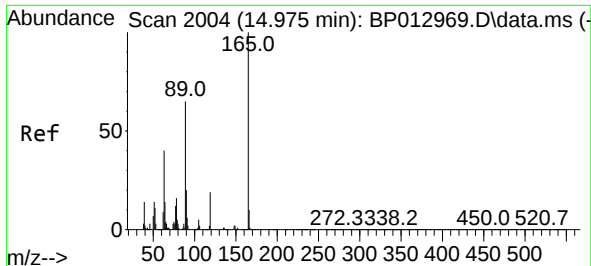
Tgt Ion:109 Resp: 338695
Ion Ratio Lower Upper
109 100
139 150.2 120.8 181.2
65 131.2 107.9 161.9



#56
Dibenzofuran
Concen: 20.047 ng/ul
RT: 15.010 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:168 Resp: 3218914
Ion Ratio Lower Upper
168 100
139 34.7 27.9 41.9

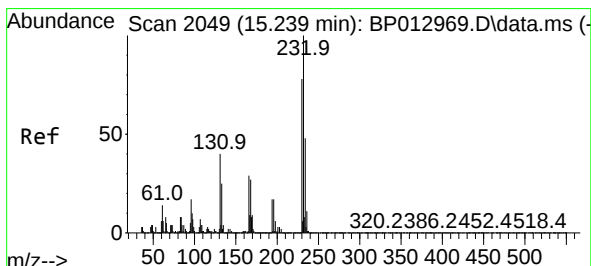
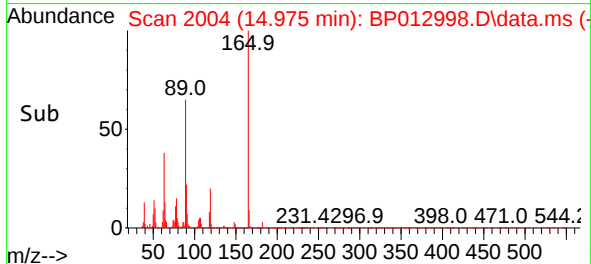
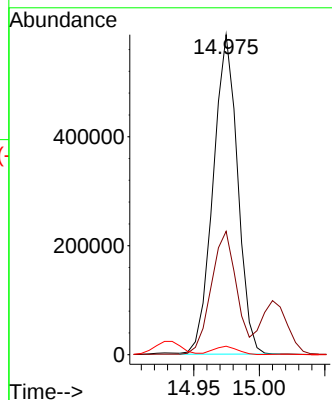
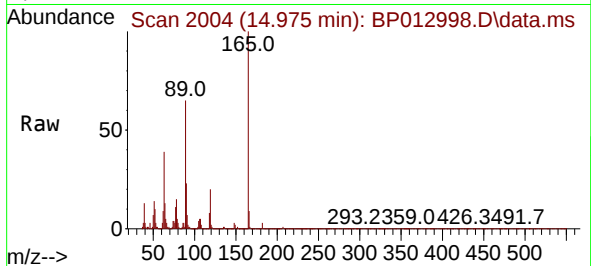




#57
2,4-Dinitrotoluene
Concen: 20.560 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

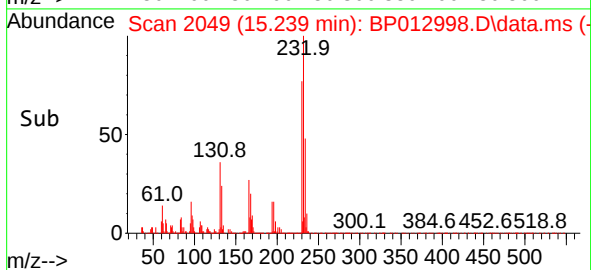
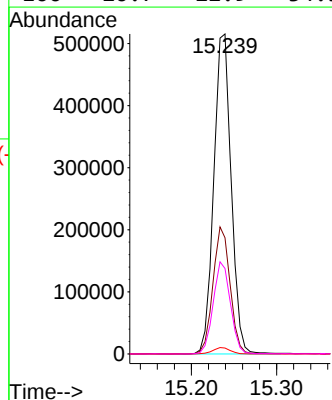
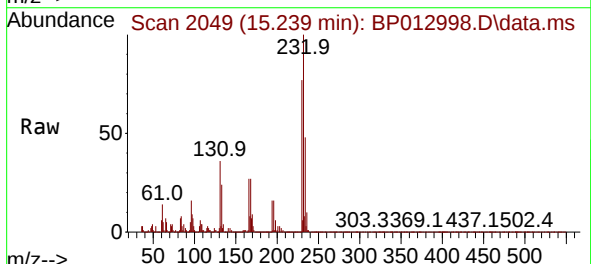
Instrument :
BNA_P
ClientSampleId :

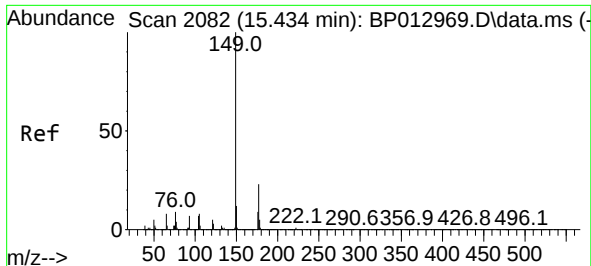
Tgt Ion:165 Resp: 758863
Ion Ratio Lower Upper
165 100
63 38.6 31.8 47.6
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.112 ng/ul
RT: 15.239 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:232 Resp: 732320
Ion Ratio Lower Upper
232 100
131 36.3 31.8 47.6
130 1.9 1.8 2.6
166 26.7 22.9 34.3

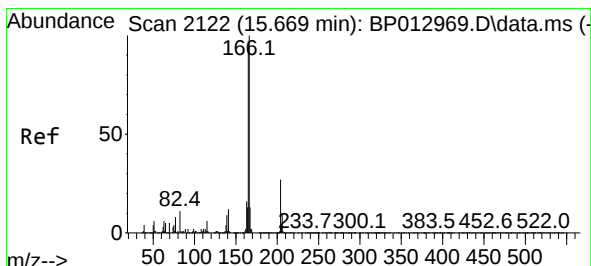
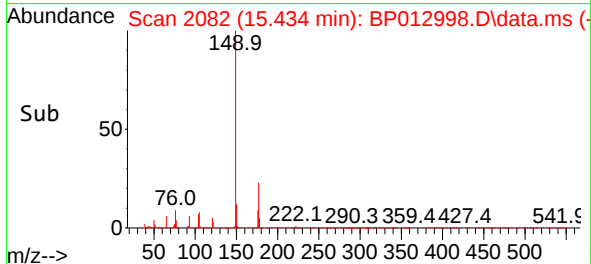
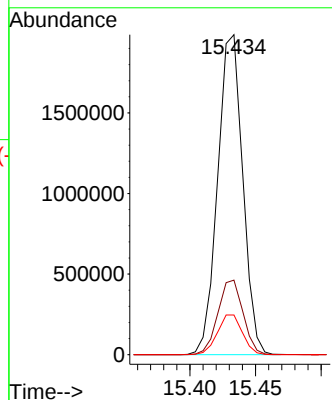
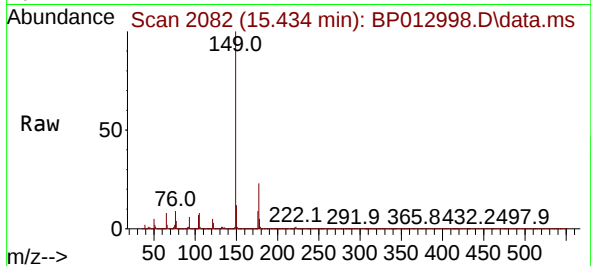




#59
Diethylphthalate
Concen: 19.878 ng/ul
RT: 15.434 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

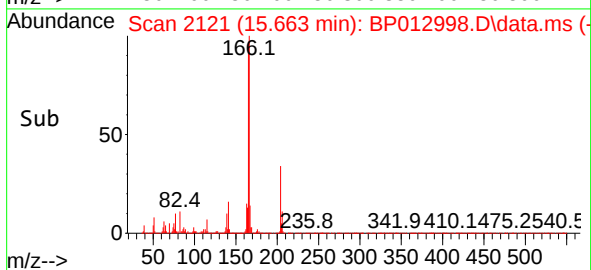
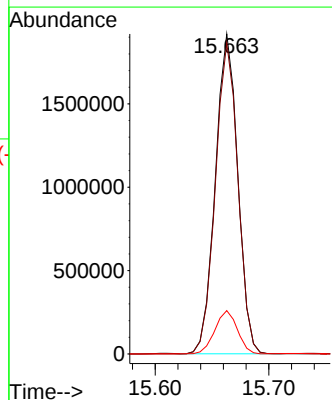
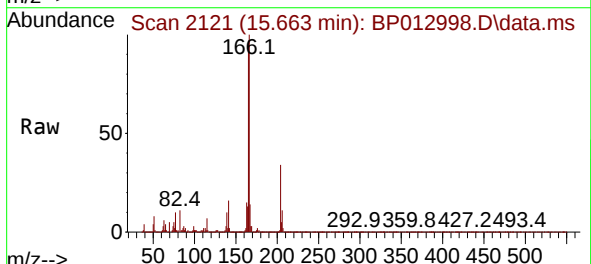
Instrument :
BNA_P
ClientSampleId :

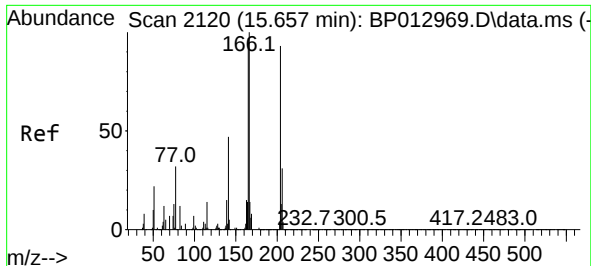
Tgt Ion:149 Resp: 2642096
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.4 9.9 14.9



#61
Fluorene
Concen: 20.470 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:166 Resp: 2636016
Ion Ratio Lower Upper
166 100
165 97.3 77.4 116.2
167 13.6 10.6 16.0

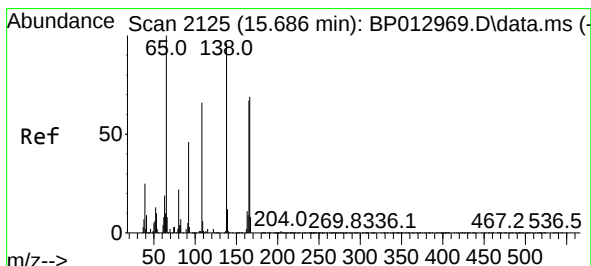
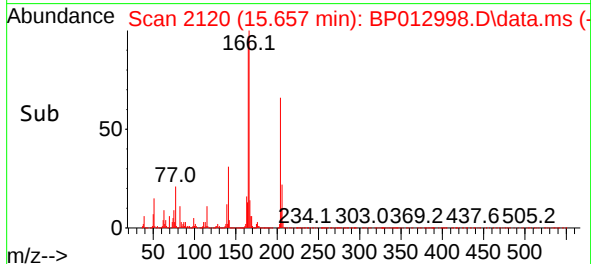
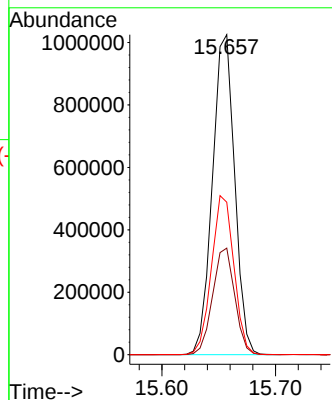
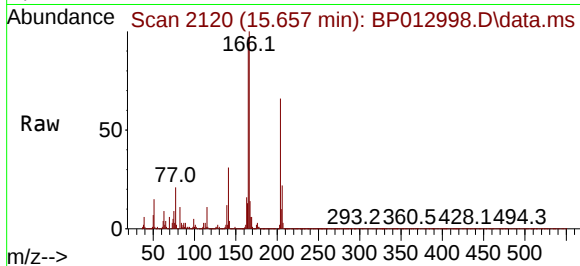




#62
4-Chlorophenyl-phenylether
Concen: 20.489 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

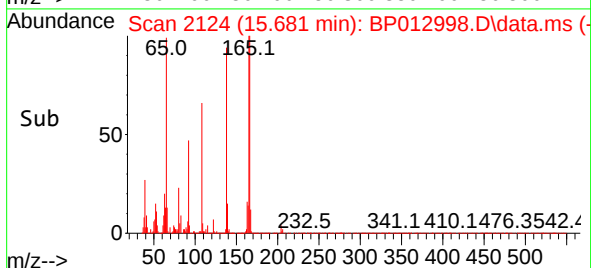
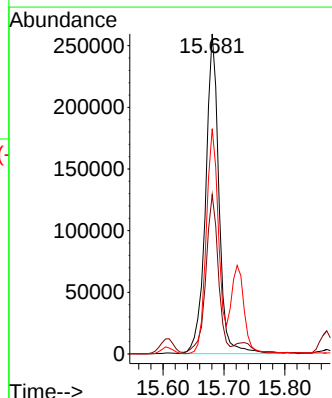
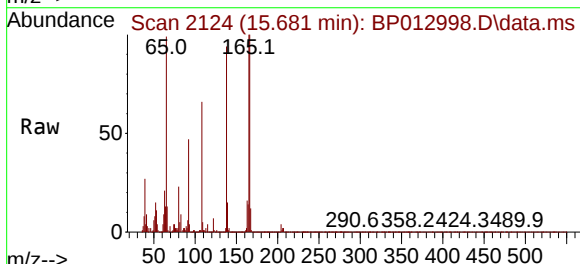
Instrument :
BNA_P
ClientSampleId :

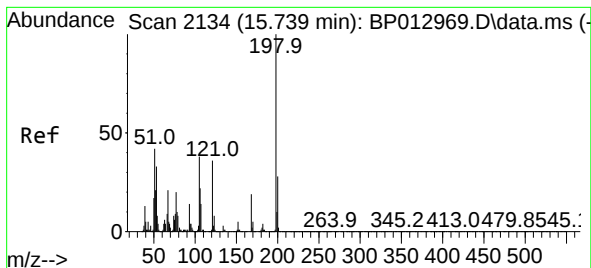
Tgt Ion:204 Resp: 1395317
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 47.6 40.4 60.6



#63
4-Nitroaniline
Concen: 18.816 ng/ul
RT: 15.681 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:138 Resp: 397272
Ion Ratio Lower Upper
138 100
92 49.8 39.0 58.4
108 70.4 55.1 82.7

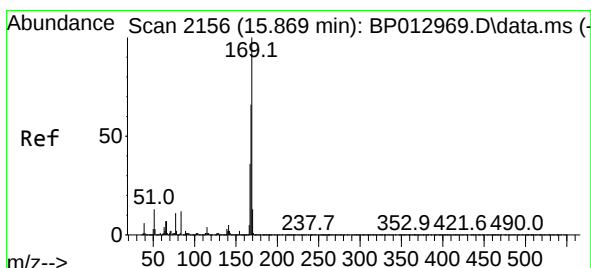
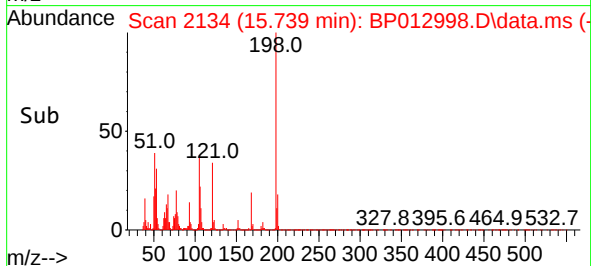
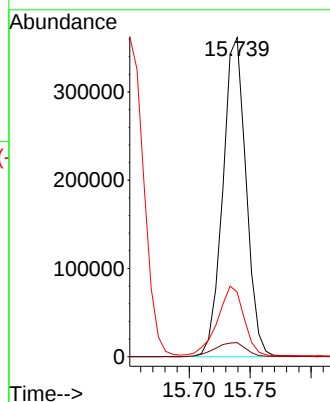
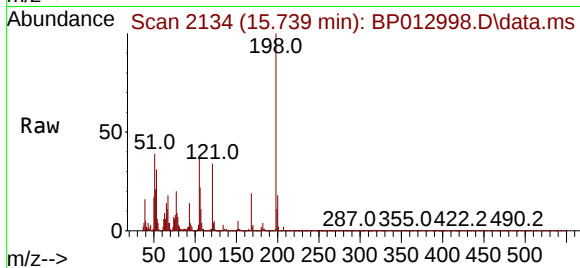




#66
4,6-Dinitro-2-methylphenol
Concen: 19.029 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

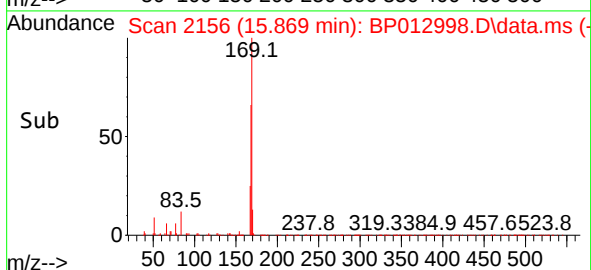
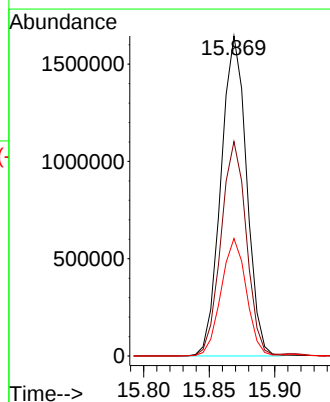
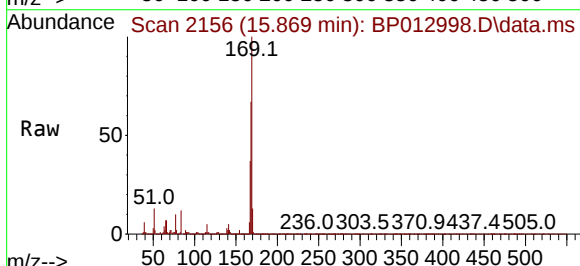
Instrument :
BNA_P
ClientSampleId :

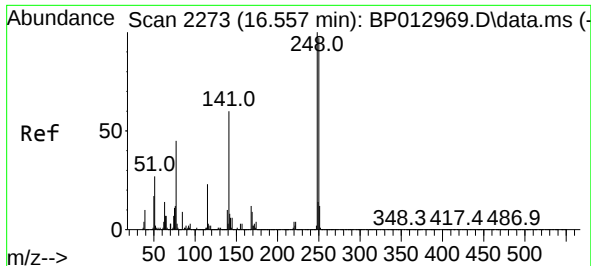
Tgt Ion:198 Resp: 480383
Ion Ratio Lower Upper
198 100
182 4.4 3.3 4.9
77 20.2 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 20.108 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:169 Resp: 2237824
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.7 29.1 43.7

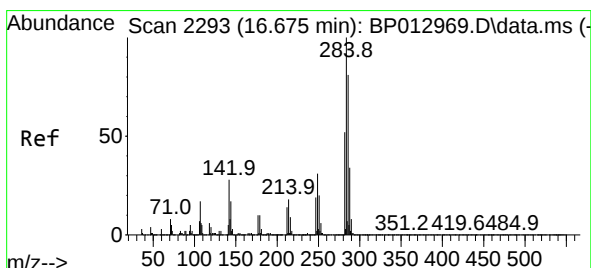
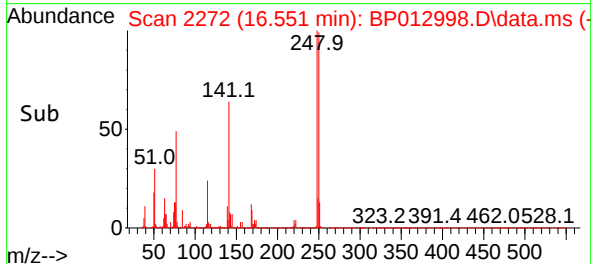
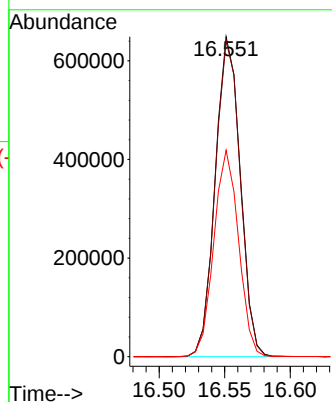
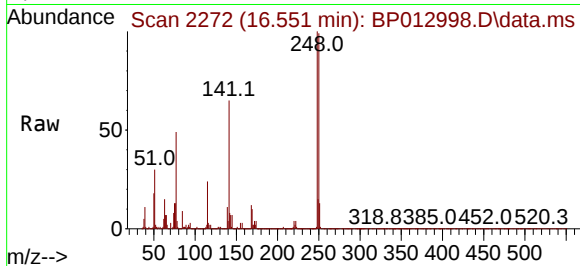




#68
4-Bromophenyl-phenylether
Concen: 19.781 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

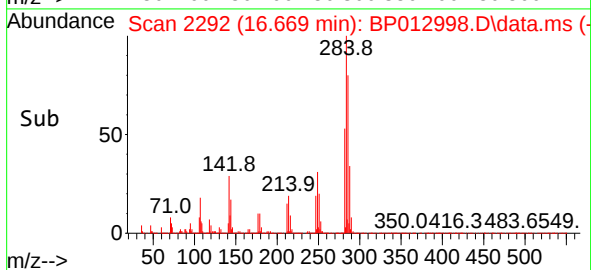
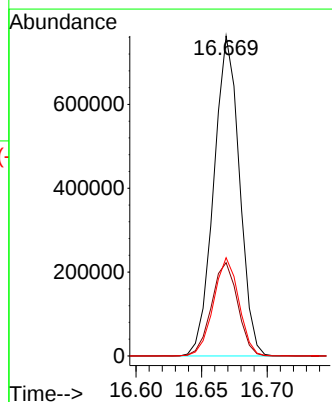
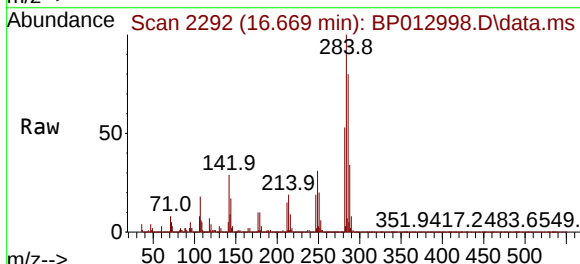
Instrument :
BNA_P
ClientSampleId :

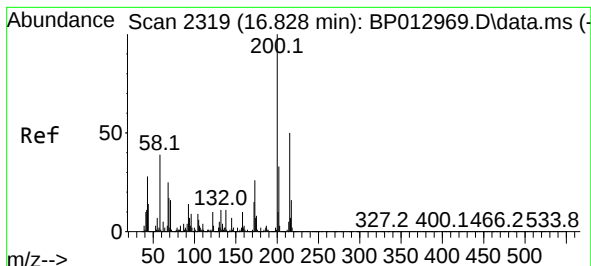
Tgt Ion:248 Resp: 862358
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.0
141 64.5 48.3 72.5



#69
Hexachlorobenzene
Concen: 20.052 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:284 Resp: 1037928
Ion Ratio Lower Upper
284 100
142 29.1 22.6 34.0
249 30.7 24.6 37.0





#70

Atrazine

Concen: 19.893 ng/ul

RT: 16.822 min Scan# 2319

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

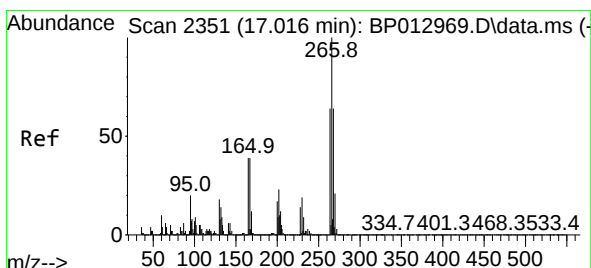
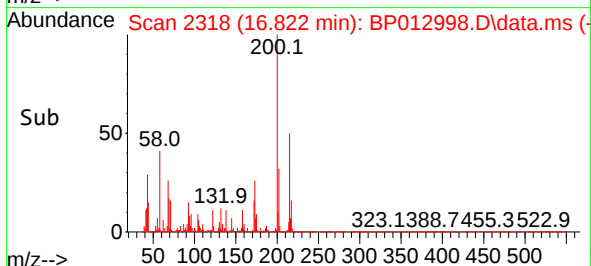
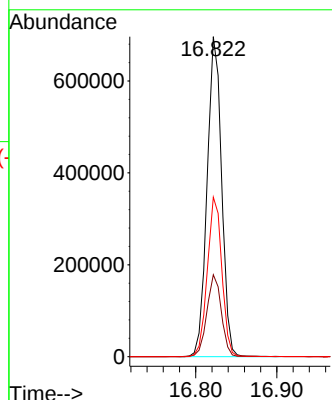
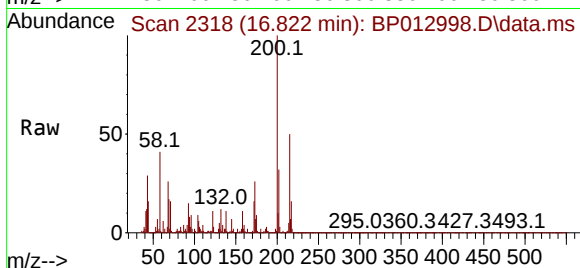
Tgt Ion:200 Resp: 862761

Ion Ratio Lower Upper

200 100

173 25.6 20.5 30.7

215 49.8 39.9 59.9



#71

Pentachlorophenol

Concen: 18.754 ng/ul

RT: 17.016 min Scan# 2351

Delta R.T. -0.000 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

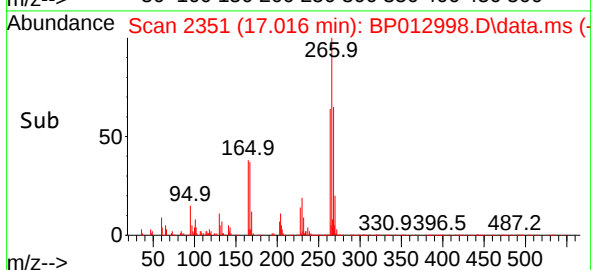
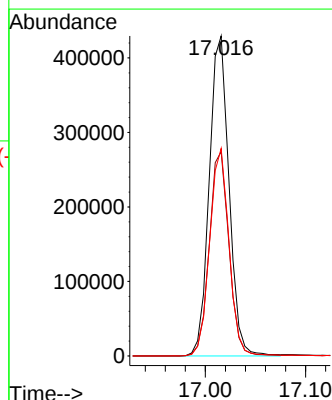
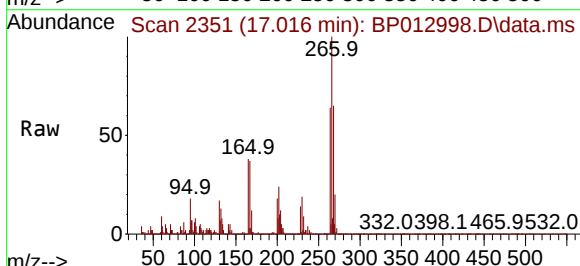
Tgt Ion:266 Resp: 587903

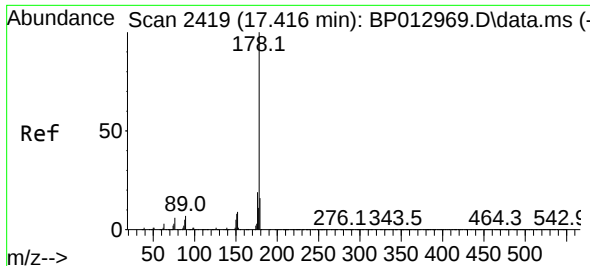
Ion Ratio Lower Upper

266 100

264 63.9 50.9 76.3

268 64.8 51.4 77.2

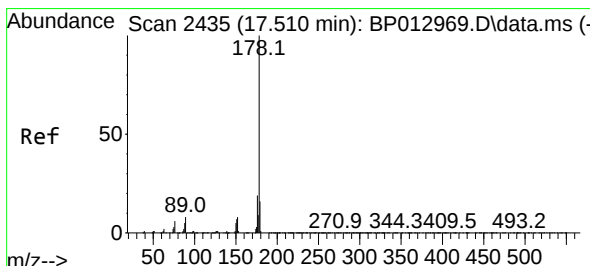
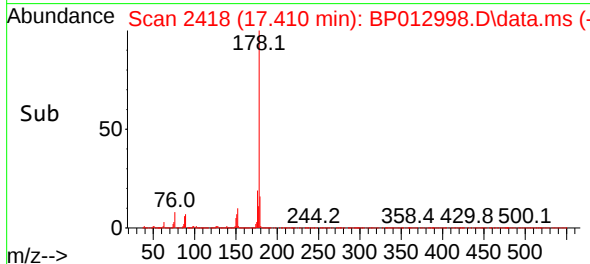
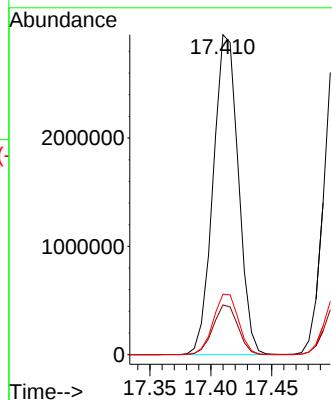
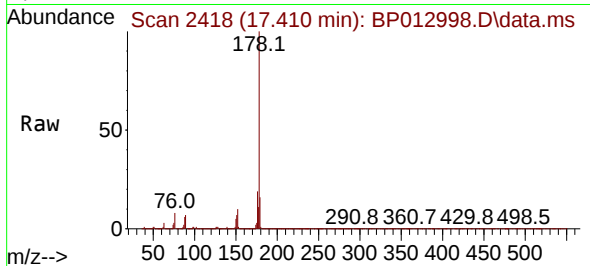




#72
Phenanthrene
Concen: 20.306 ng/ul
RT: 17.410 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

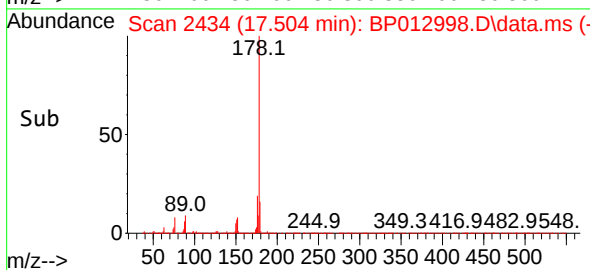
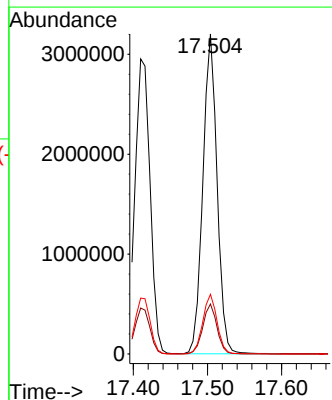
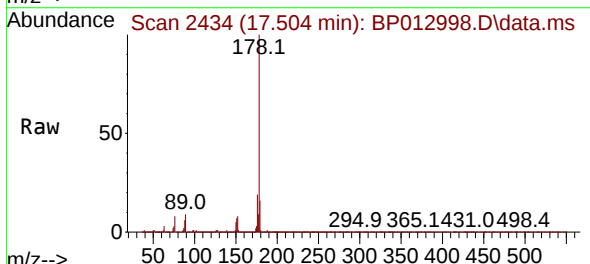
Instrument :
BNA_P
ClientSampleId :

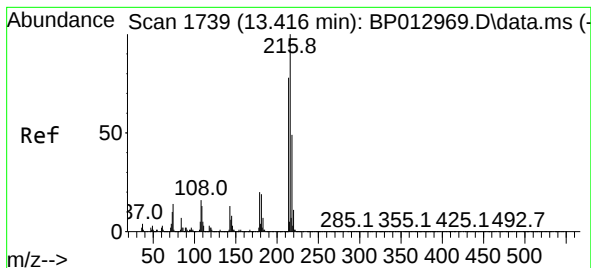
Tgt Ion:178 Resp: 4245621
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.9 15.4 23.0



#74
Anthracene
Concen: 20.412 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:178 Resp: 4261445
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.6 14.8 22.2

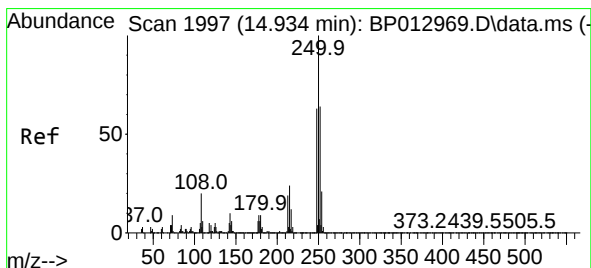
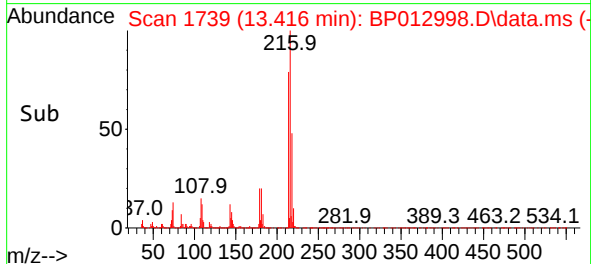
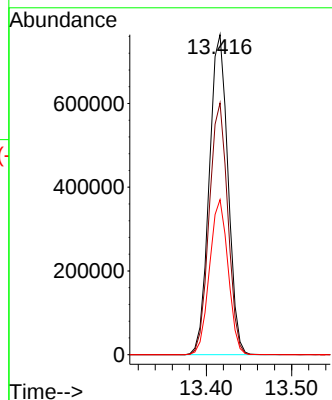
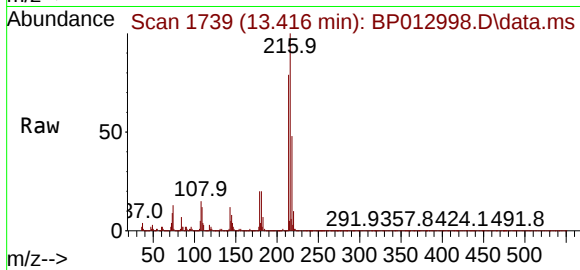




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.347 ng/uL
RT: 13.416 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

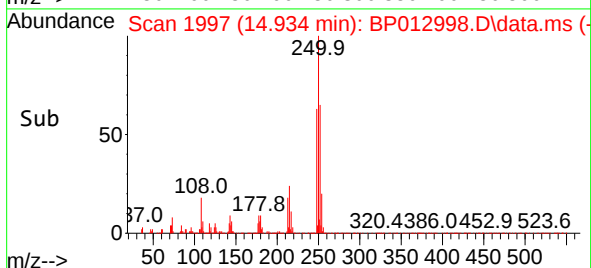
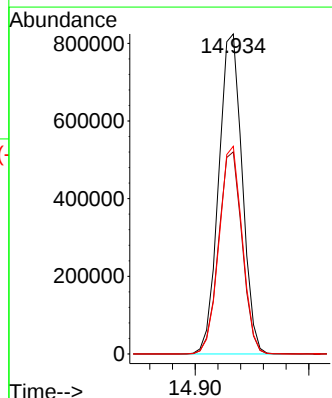
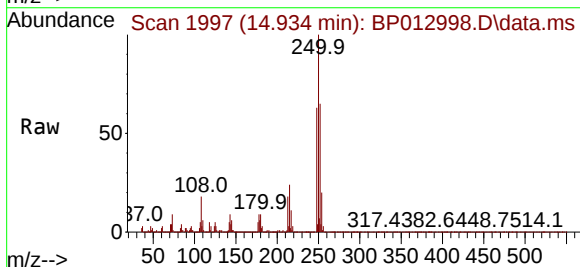
Instrument :
BNA_P
ClientSampleId :

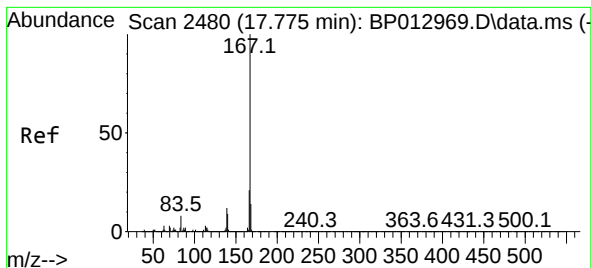
Tgt Ion:216 Resp: 1165301
Ion Ratio Lower Upper
216 100
214 78.7 62.2 93.2
218 48.5 38.9 58.3



#76
Pentachlorobenzene
Concen: 20.270 ng/uL
RT: 14.934 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:250 Resp: 1183622
Ion Ratio Lower Upper
250 100
248 63.1 50.6 76.0
252 64.9 51.1 76.7





#77

Carbazole

Concen: 21.635 ng/ul

RT: 17.769 min Scan# 2480

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

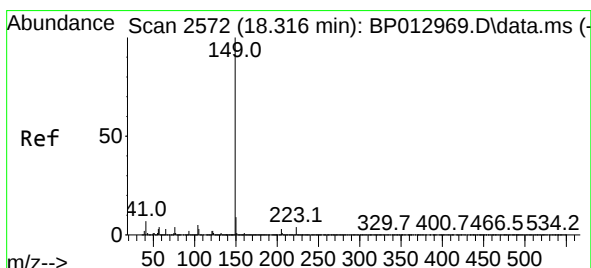
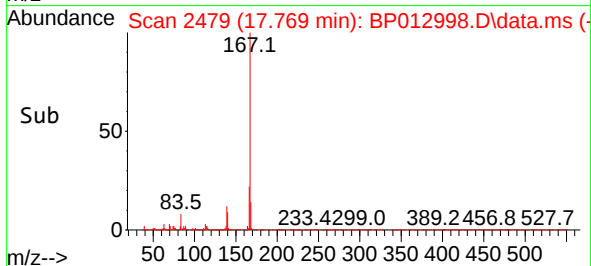
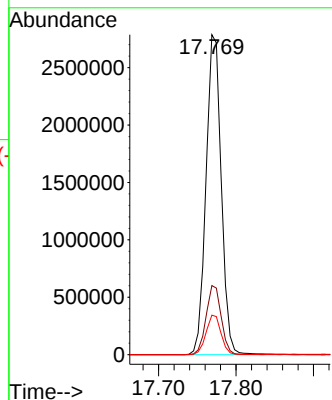
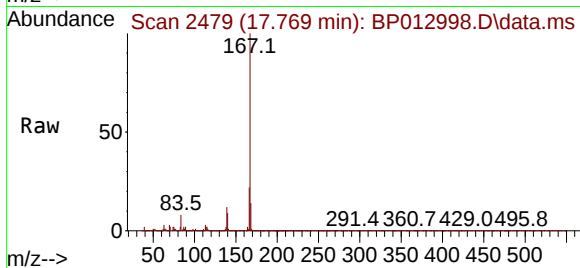
Tgt Ion:167 Resp: 3803898

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.4 9.4 14.2



#78

Di-n-butylphthalate

Concen: 20.902 ng/ul

RT: 18.316 min Scan# 2572

Delta R.T. -0.000 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

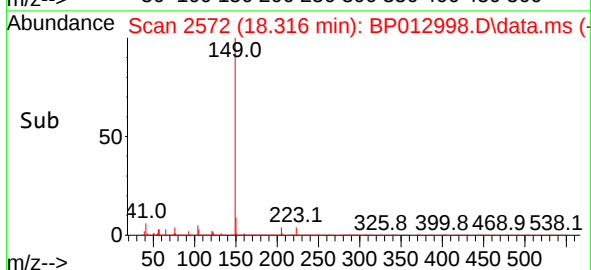
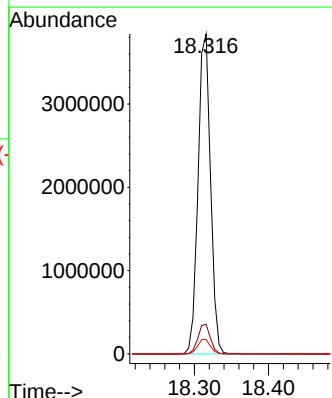
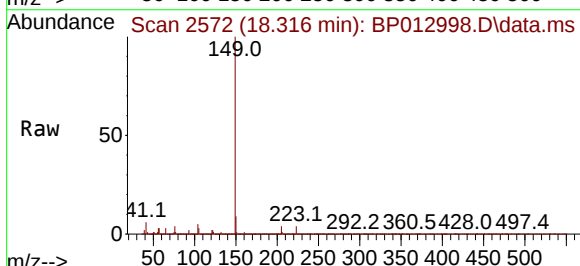
Tgt Ion:149 Resp: 4474465

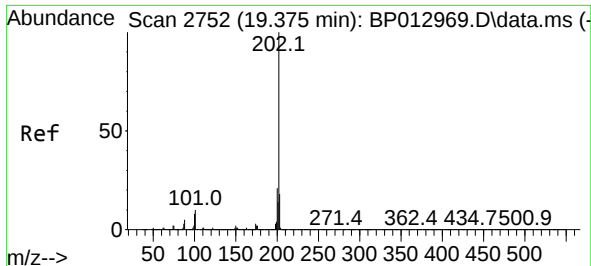
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

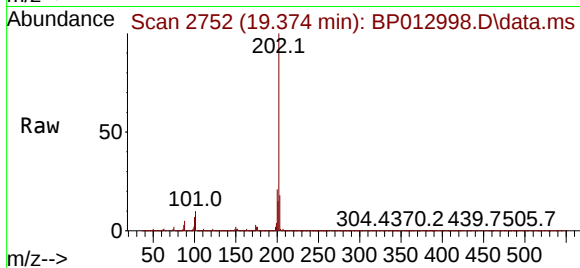
104 4.5 3.8 5.6



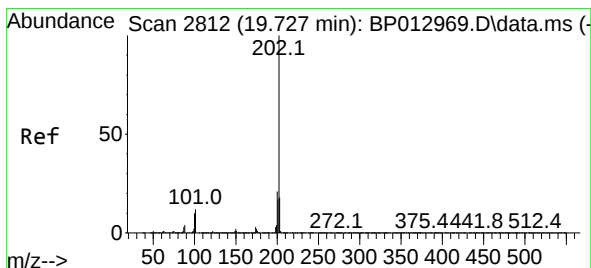
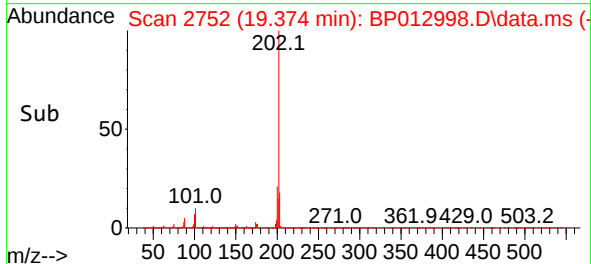
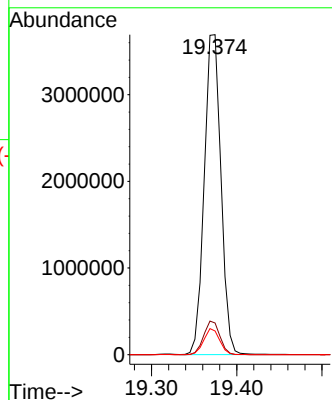


#80
Fluoranthene
Concen: 20.399 ng/u1
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Instrument :
BNA_P
ClientSampleId :

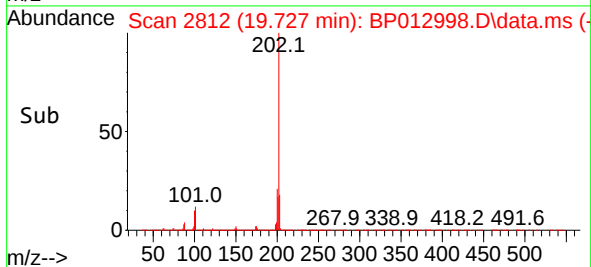
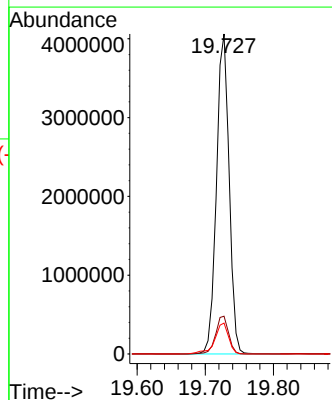
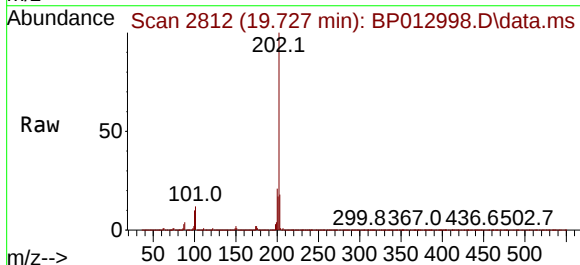


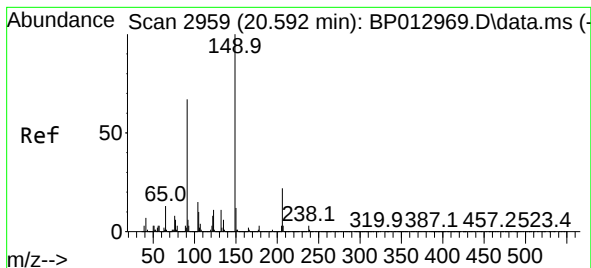
Tgt Ion:202 Resp: 5028181
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.2
100 7.4 6.1 9.1



#82
Pyrene
Concen: 20.602 ng/u1
RT: 19.727 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:202 Resp: 5238157
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 9.7 7.8 11.8





#83

Butylbenzylphthalate

Concen: 20.170 ng/ul

RT: 20.592 min Scan# 2959

Delta R.T. -0.000 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

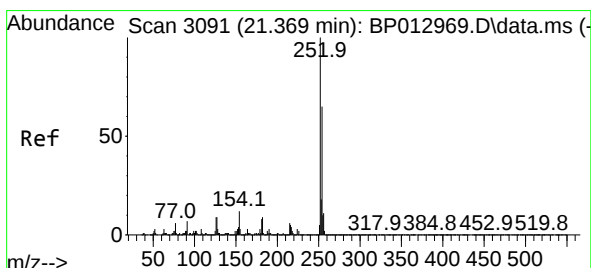
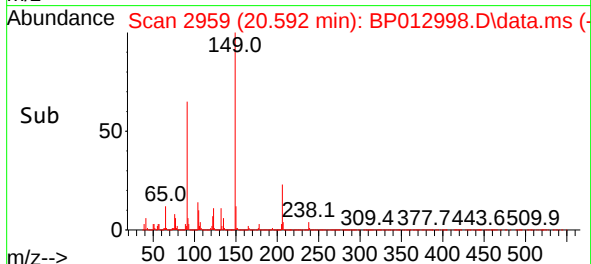
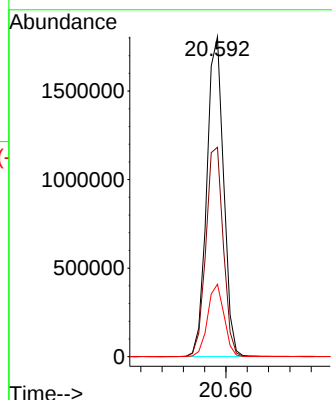
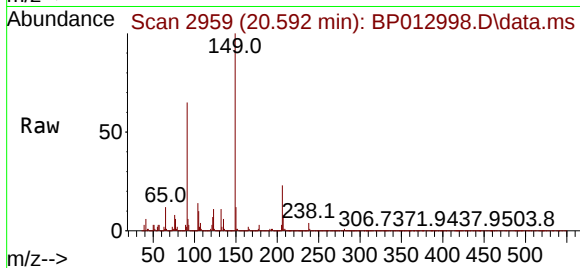
Tgt Ion:149 Resp: 1981283

Ion Ratio Lower Upper

149 100

91 65.5 53.4 80.0

206 22.7 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 19.358 ng/ul

RT: 21.363 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

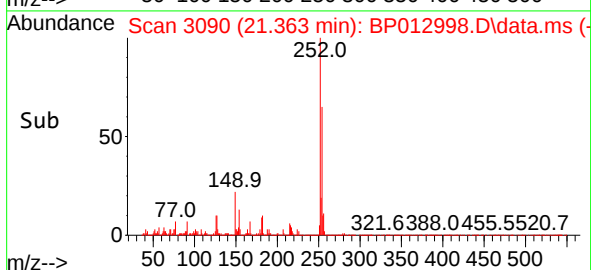
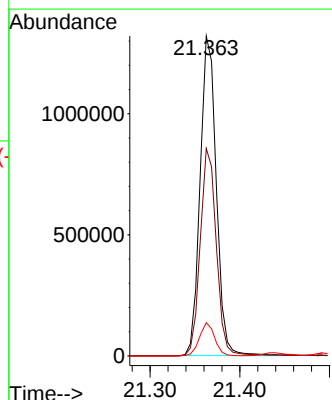
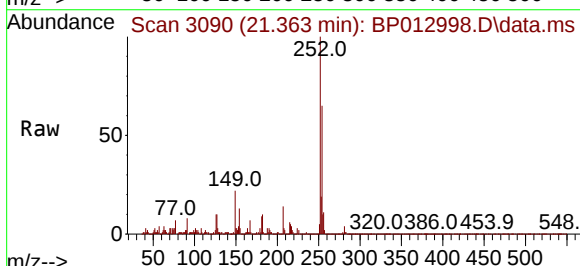
Tgt Ion:252 Resp: 1654562

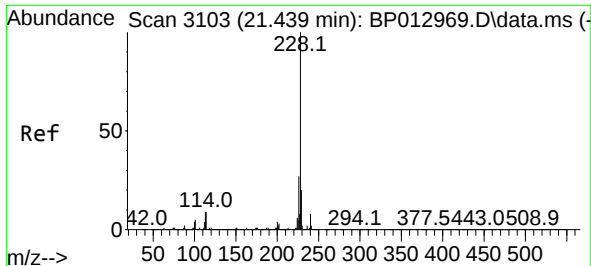
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 10.4 7.4 11.2

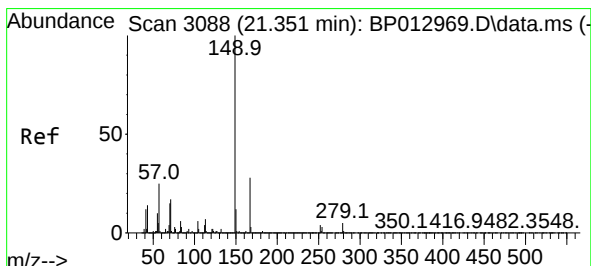
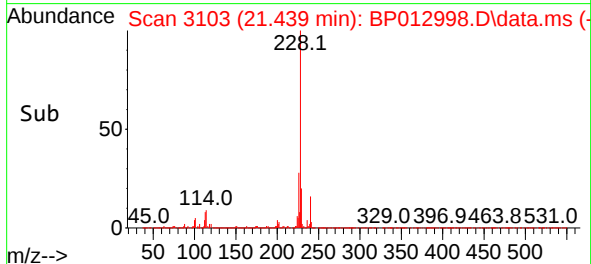
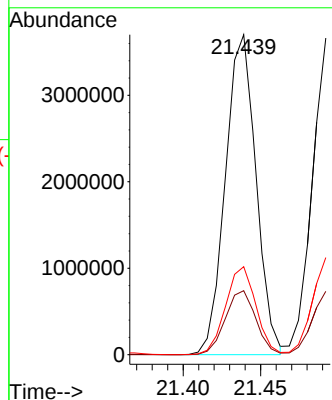
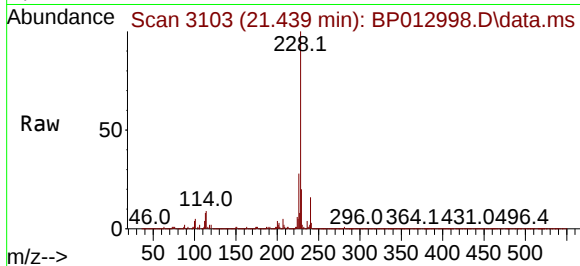




#85
Benzo(a)anthracene
Concen: 20.251 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

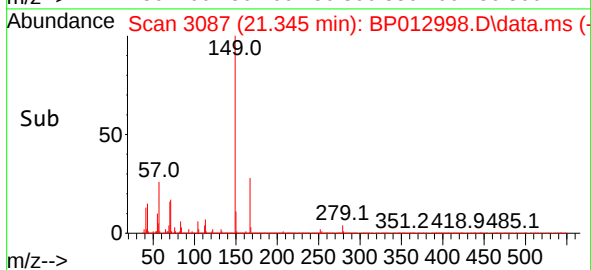
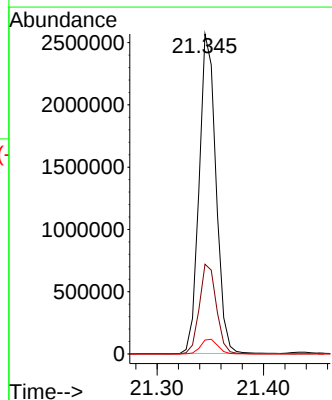
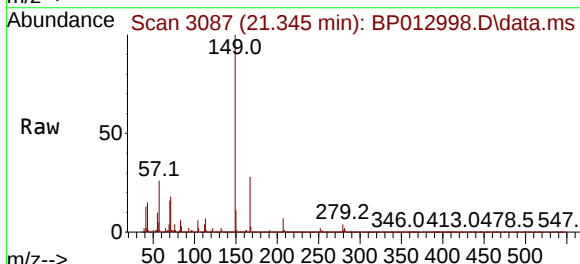
Instrument :
BNA_P
ClientSampleId :

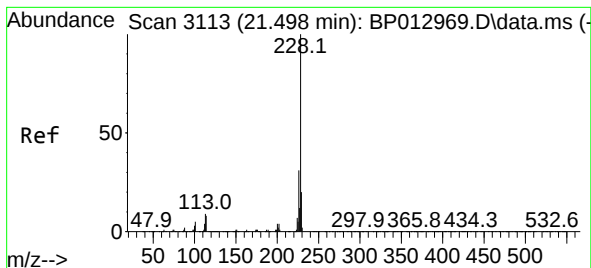
Tgt Ion:228 Resp: 5086320
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.5 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.358 ng/ul
RT: 21.345 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP012998.D
Acq: 08 Dec 2022 22:48

Tgt Ion:149 Resp: 2820797
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.4 3.8 5.8





#87

Chrysene

Concen: 20.428 ng/ul

RT: 21.492 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

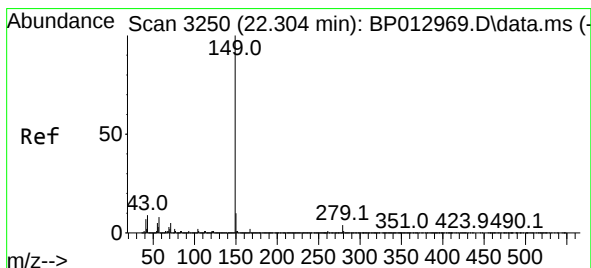
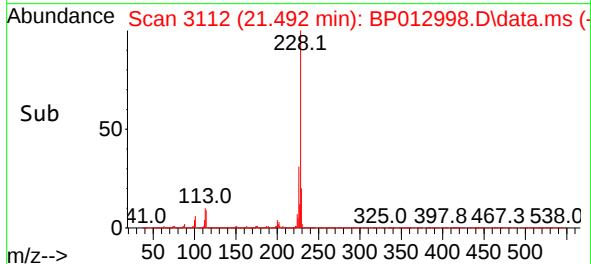
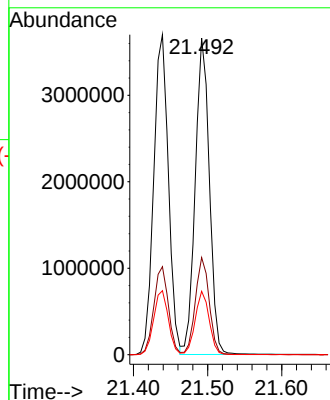
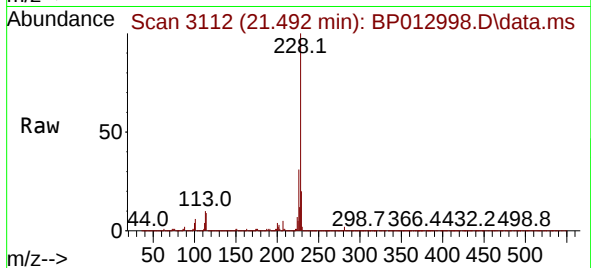
Tgt Ion:228 Resp: 4852204

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 21.386 ng/ul

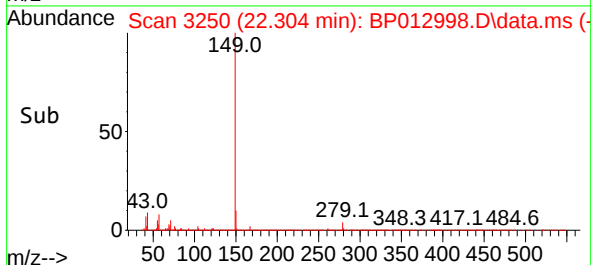
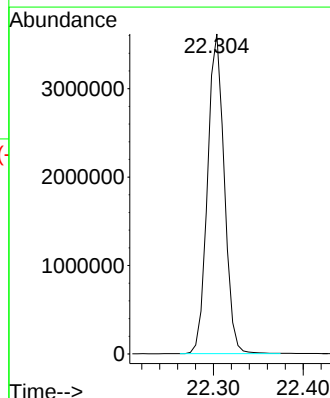
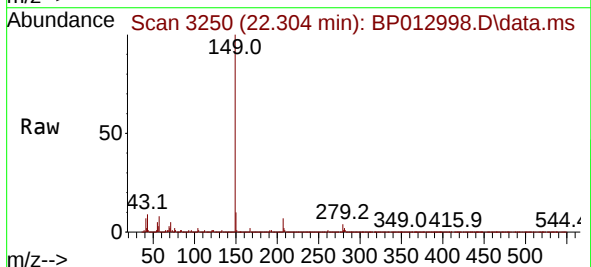
RT: 22.304 min Scan# 3250

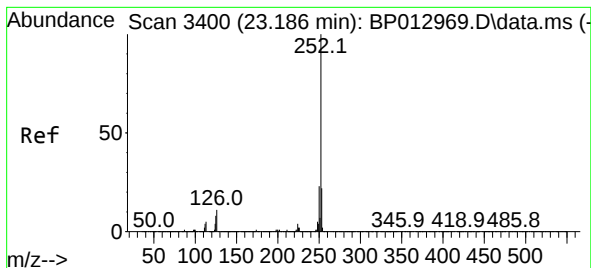
Delta R.T. -0.000 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Tgt Ion:149 Resp: 4680420





#90

Benzo(b)fluoranthene

Concen: 20.286 ng/ul

RT: 23.180 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

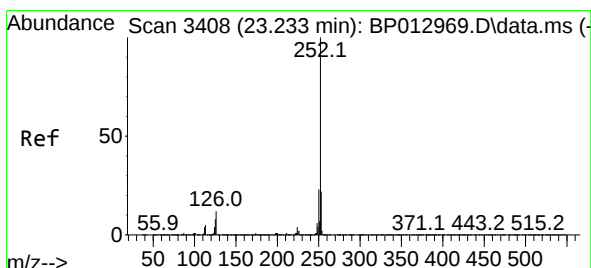
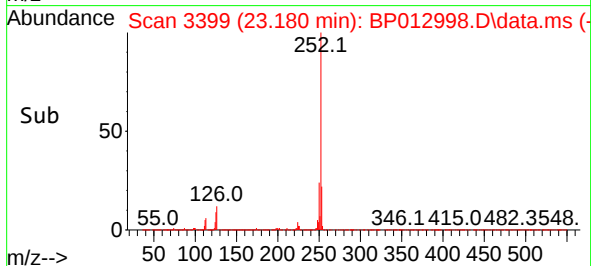
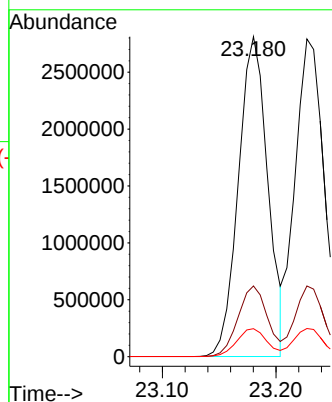
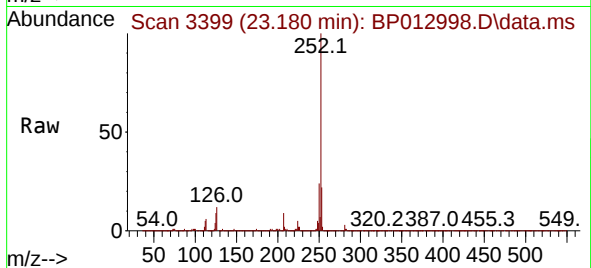
Tgt Ion:252 Resp: 5053531

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.8 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 20.237 ng/ul

RT: 23.227 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

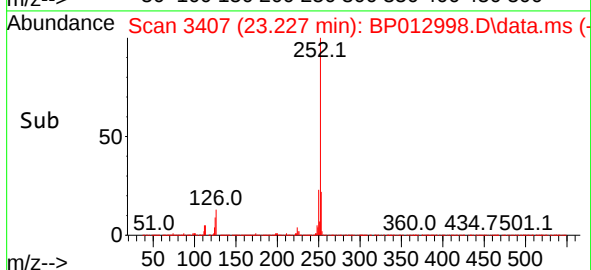
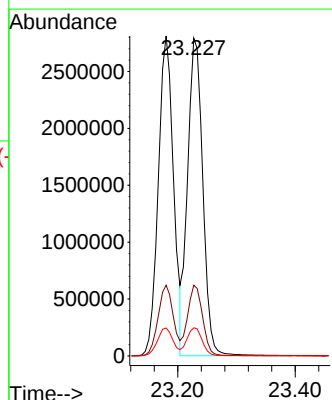
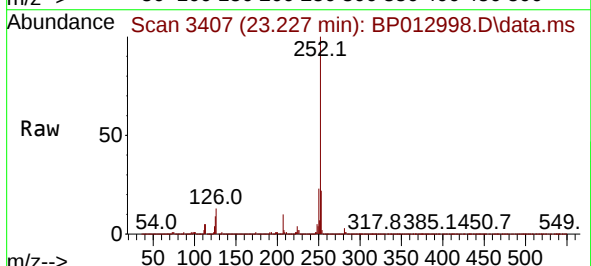
Tgt Ion:252 Resp: 4999103

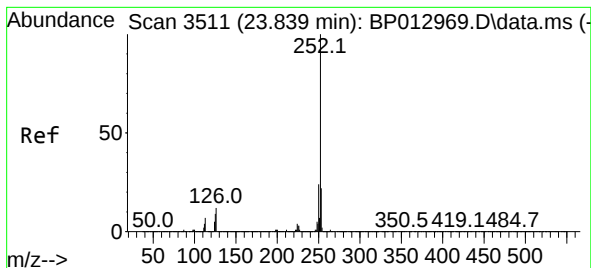
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 20.137 ng/ul

RT: 23.833 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

Instrument :

BNA_P

ClientSampleId :

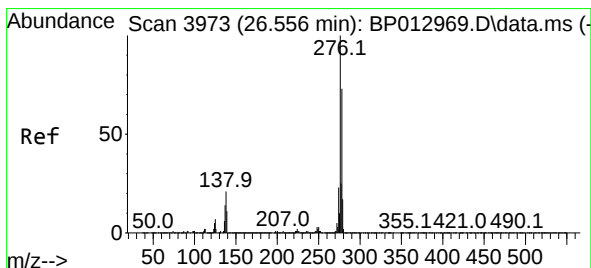
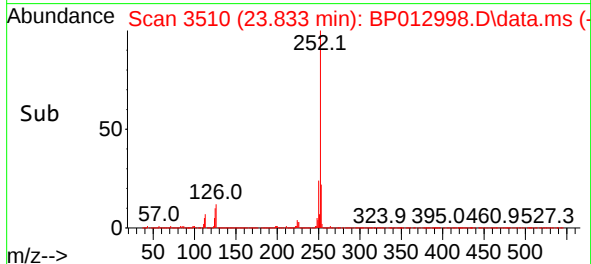
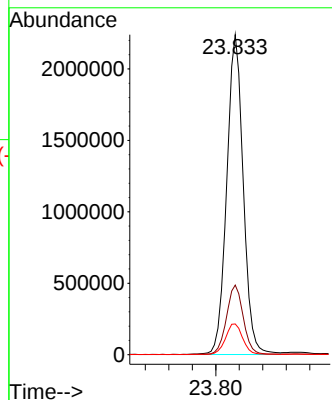
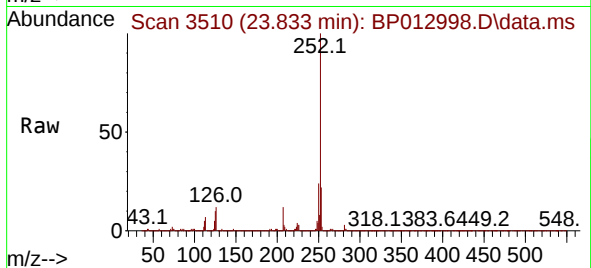
Tgt Ion:252 Resp: 4367954

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.6 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.268 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. -0.006 min

Lab File: BP012998.D

Acq: 08 Dec 2022 22:48

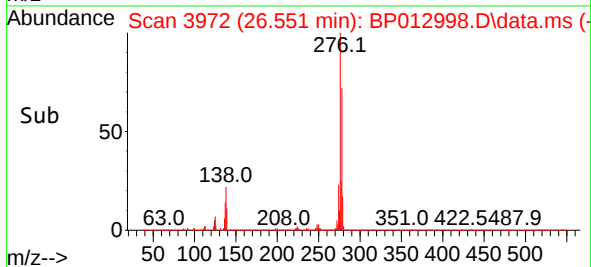
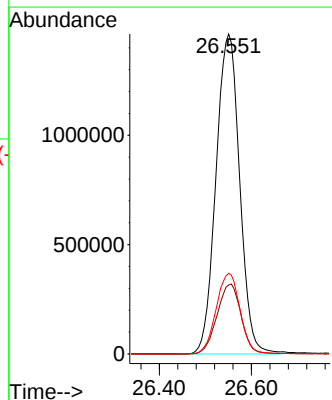
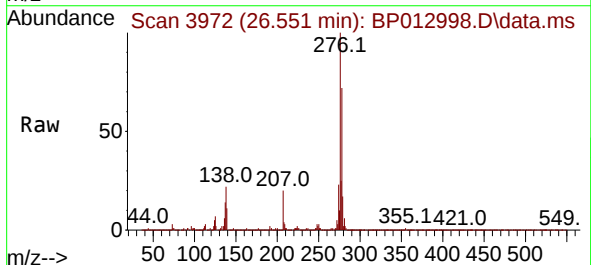
Tgt Ion:276 Resp: 5206100

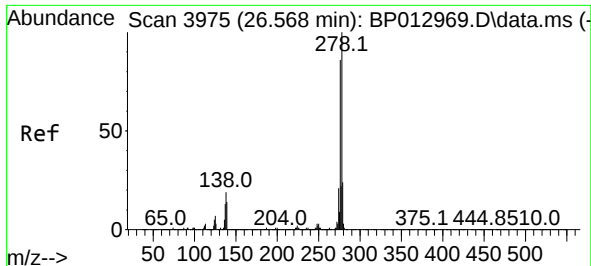
Ion Ratio Lower Upper

276 100

138 21.5 17.1 25.7

277 25.2 20.0 30.0



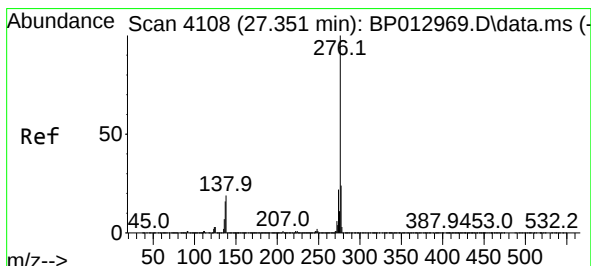
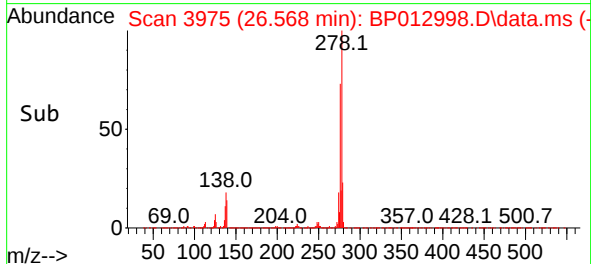
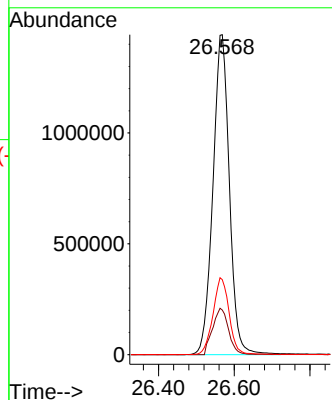
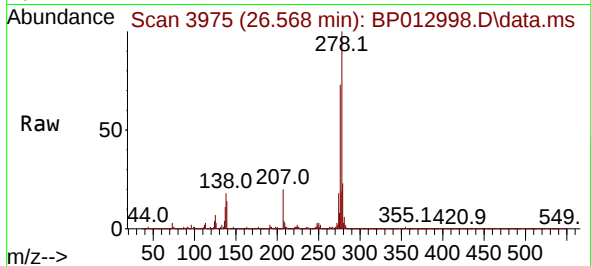


#95
 Dibenzo(a,h)anthracene
 Concen: 19.441 ng/ul
 RT: 26.568 min Scan# 3975
 Delta R.T. -0.000 min
 Lab File: BP012998.D
 Acq: 08 Dec 2022 22:48

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 4348968

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.1	16.7
279	23.5	19.0	28.6



#96
 Benzo(g,h,i)perylene
 Concen: 18.637 ng/ul
 RT: 27.351 min Scan# 4108
 Delta R.T. -0.000 min
 Lab File: BP012998.D
 Acq: 08 Dec 2022 22:48

Tgt Ion:276 Resp: 4042561

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.4	23.2
277	23.8	19.1	28.7

