

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP012997.D
 Acq On : 08 Dec 2022 22:14
 Operator : CG/JU
 Sample : PB149470BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 02:00:38 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	620276	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	2651015	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1753610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	3952302	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	3519818	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	3373622	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	90376	6.230	ng/uL	0.00
4) Pyridine-d5	3.781	84	1243778	30.181	ng/u1	0.00
7) Phenol-d5	7.134	99	1774363	35.120	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	1055781	34.641	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	1391793	34.994	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	1422752	34.368	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	702350	36.059	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	806791	36.792	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1527547	35.864	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	1862367	30.973	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	4665867	34.620	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	5195732	35.084	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	881194	36.348	ng/u1	0.00
60) Fluorene-d10	15.610	176	4051190	35.531	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	879203	34.568	ng/u1	0.00
73) Anthracene-d10	17.469	188	6275383	35.194	ng/u1	0.00
81) Pyrene-d10	19.698	212	7262822	35.948	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	6276437	37.325	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	184087	12.156	ng/uL	98
5) Pyridine	3.799	79	1269509	30.996	ng/u1	98
6) Benzaldehyde	7.111	77	973064	49.187	ng/u1	99
8) Phenol	7.158	94	1791083	35.062	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	1434263	34.208	ng/u1	100
12) 2-Chlorophenol	7.540	128	1434071	35.161	ng/u1	99
13) 2-Methylphenol	8.416	108	1383240	34.733	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.510	45	2032565	35.329	ng/u1	99
16) Acetophenone	8.805	105	2176382	34.287	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.793	70	1092496	34.227	ng/u1	99
18) 4-Methylphenol	8.752	108	1527419	34.626	ng/u1	99
19) Hexachloroethane	9.063	117	563864	34.596	ng/u1	97
22) Nitrobenzene	9.187	77	1603235	35.077	ng/u1	100
23) Isophorone	9.716	82	3224745	34.893	ng/u1	99
25) 2-Nitrophenol	9.899	139	863790	36.355	ng/u1	99
26) 2,4-Dimethylphenol	9.957	107	1529732	32.998	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.199	93	1998884	33.826	ng/u1	100
29) 2,4-Dichlorophenol	10.434	162	1512380	36.249	ng/u1	100
30) Naphthalene	10.840	128	4728407	34.104	ng/u1	100
32) 4-Chloroaniline	10.951	127	1896762	31.877	ng/u1	100
33) Hexachlorobutadiene	11.122	225	1009238	35.230	ng/u1	98
34) Caprolactam	11.740	113	251810	17.701	ng/u1	95
35) 4-Chloro-3-methylphenol	12.069	107	1577799	37.056	ng/u1	97
36) 2-Methylnaphthalene	12.446	142	3341240	35.128	ng/u1	100

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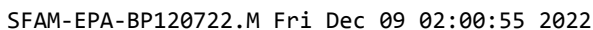
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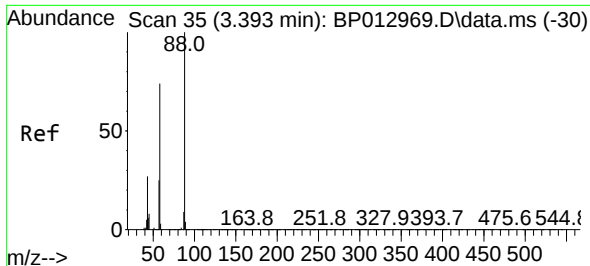
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	3359345	34.344	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	2007332	35.549	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	1056543	28.753	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	1326304	36.548	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	1459753	37.449	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	4495795	34.136	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	3576354	34.502	ng/ul	100
45) 2-Nitroaniline	13.698	65	985131	39.199	ng/ul	96
47) Dimethylphthalate	14.069	163	4738404	35.473	ng/ul	100
48) 2,6-Dinitrotoluene	14.193	165	974455	39.254	ng/ul	95
50) Acenaphthylene	14.340	152	5482163	34.433	ng/ul	100
51) 3-Nitroaniline	14.522	138	960647	40.982	ng/ul	96
52) Acenaphthene	14.681	153	3830098	34.715	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	593619	34.983	ng/ul	98
55) 4-Nitrophenol	14.828	109	611125	36.945	ng/ul	97
56) Dibenzofuran	15.016	168	5396332	34.401	ng/ul	99
57) 2,4-Dinitrotoluene	14.975	165	1403618	38.925	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.240	232	1309841	36.821	ng/ul	95
59) Diethylphthalate	15.434	149	4620674	35.584	ng/ul	99
61) Fluorene	15.663	166	4350241	34.579	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	2348028	35.293	ng/ul	98
63) 4-Nitroaniline	15.687	138	959515	46.519	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	902323	36.304	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	3881001	35.419	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	1525070	35.532	ng/ul	97
69) Hexachlorobenzene	16.669	284	1829652	35.901	ng/ul	99
70) Atrazine	16.828	200	1295060	30.329	ng/ul	99
71) Pentachlorophenol	17.016	266	1075688	34.853	ng/ul	99
72) Phenanthrene	17.416	178	7241321	35.176	ng/ul	99
74) Anthracene	17.504	178	7188194	34.971	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	2018206	35.791	ng/ul	99
76) Pentachlorobenzene	14.934	250	2003260	34.845	ng/ul	100
77) Carbazole	17.775	167	6541284	37.787	ng/ul	100
78) Di-n-butylphthalate	18.316	149	7958633	37.760	ng/ul	100
80) Fluoranthene	19.375	202	8639148	37.675	ng/ul	100
82) Pyrene	19.727	202	8808454	37.238	ng/ul	100
83) Butylbenzylphthalate	20.592	149	3454774	37.806	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.369	252	2856748	35.927	ng/ul	99
85) Benzo(a)anthracene	21.439	228	8539099	36.544	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	4940838	38.329	ng/ul	98
87) Chrysene	21.498	228	8015723	36.275	ng/ul	100
89) Di-n-octyl phthalate	22.304	149	8117053	42.947	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	8325329	38.700	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	7839912	36.752	ng/ul	100
93) Benzo(a)pyrene	23.839	252	6909116	36.885	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.551	276	7186737	30.801	ng/ul	100
95) Dibenzo(a,h)anthracene	26.568	278	6373139	32.990	ng/ul	99
96) Benzo(g,h,i)perylene	27.357	276	5945724	31.742	ng/ul	100

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

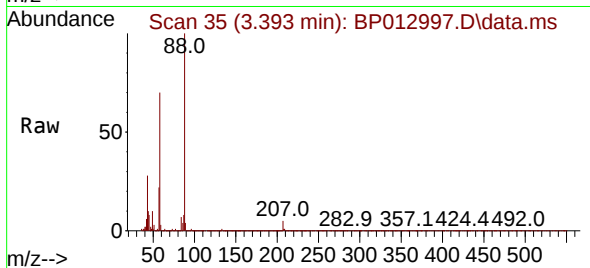
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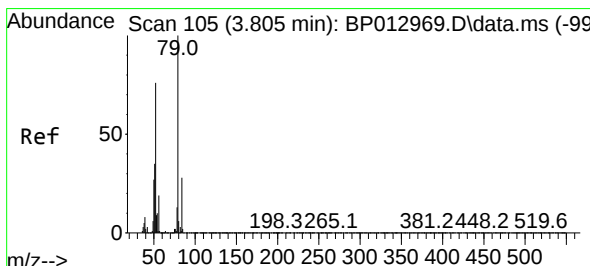
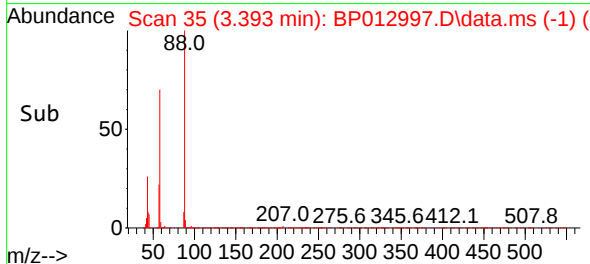
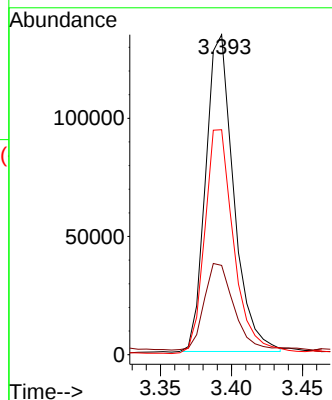


#2
1,4-Dioxane
Concen: 12.156 ng/uL
RT: 3.393 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP012997.D
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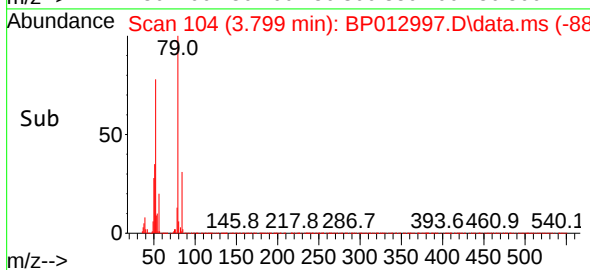
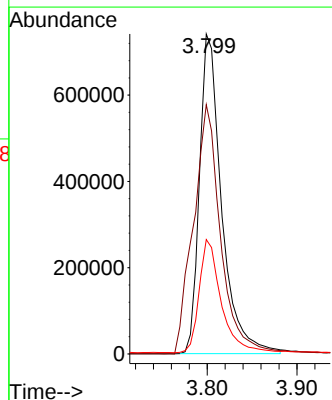
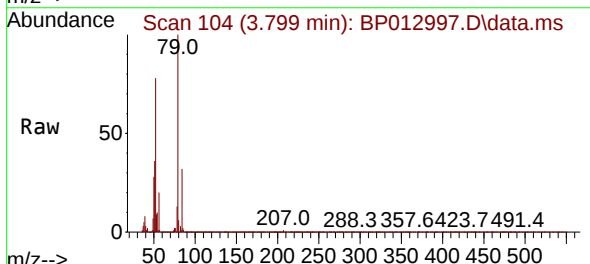


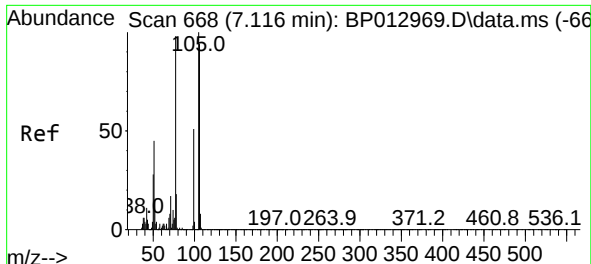
Tgt Ion: 88 Resp: 184087
Ion Ratio Lower Upper
88 100
43 27.9 22.4 33.6
58 70.3 58.2 87.4



#5
Pyridine
Concen: 30.996 ng/uL
RT: 3.799 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion: 79 Resp: 1269509
Ion Ratio Lower Upper
79 100
52 77.9 60.7 91.1
51 35.8 28.9 43.3

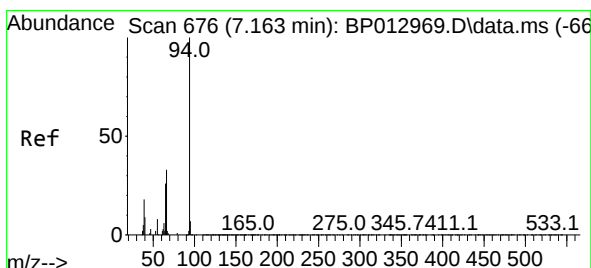
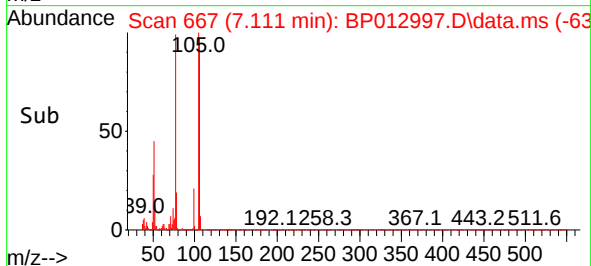
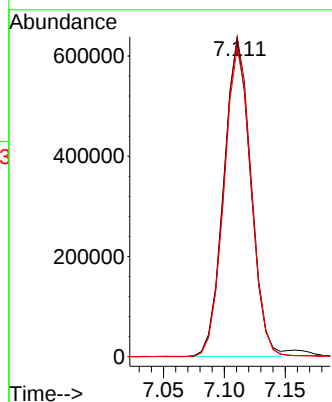
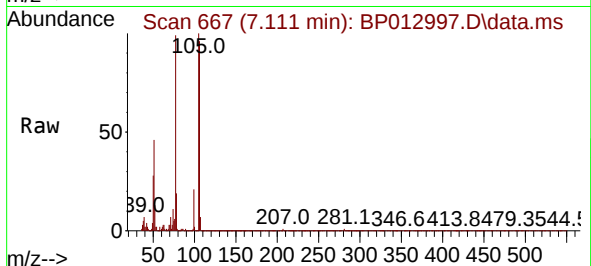




#6
Benzaldehyde
Concen: 49.187 ng/ul
RT: 7.111 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

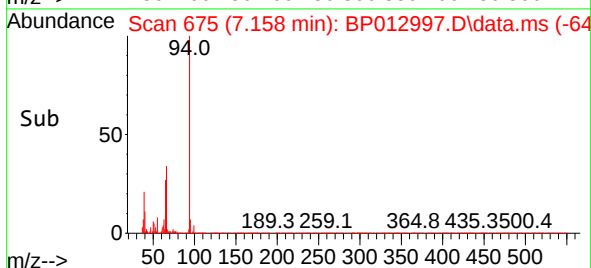
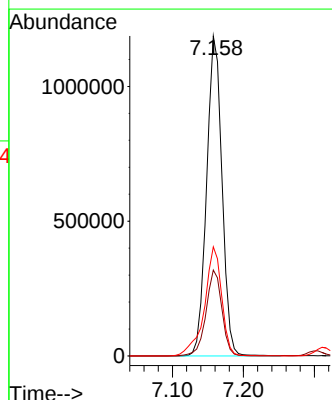
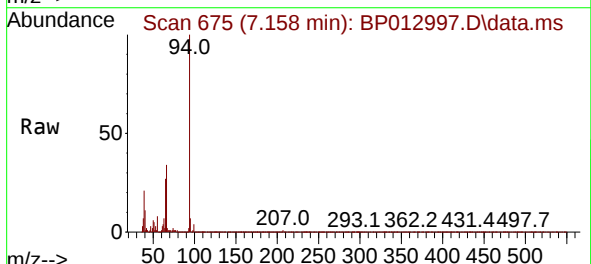
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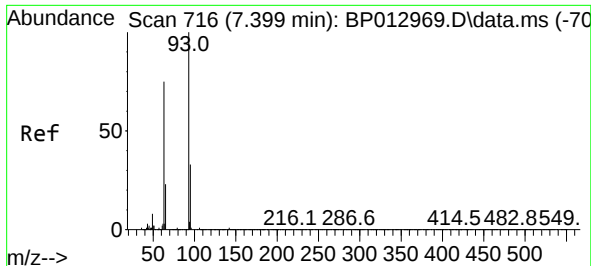
Tgt Ion: 77 Resp: 973064
Ion Ratio Lower Upper
77 100
105 100.8 81.5 122.3
106 97.3 76.9 115.3



#8
Phenol
Concen: 35.062 ng/ul
RT: 7.158 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

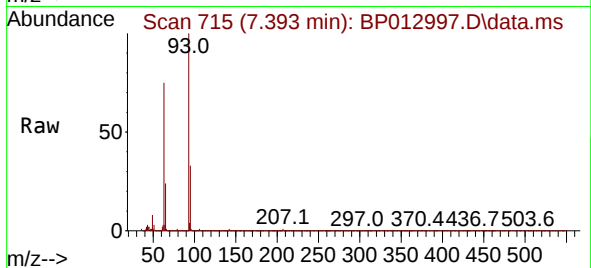
Tgt Ion: 94 Resp: 1791083
Ion Ratio Lower Upper
94 100
65 26.8 21.1 31.7
66 34.1 27.0 40.6





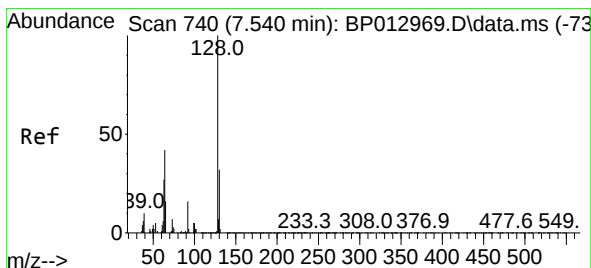
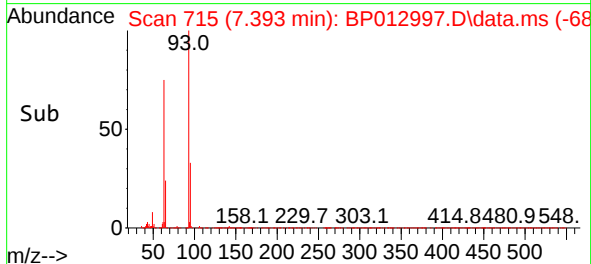
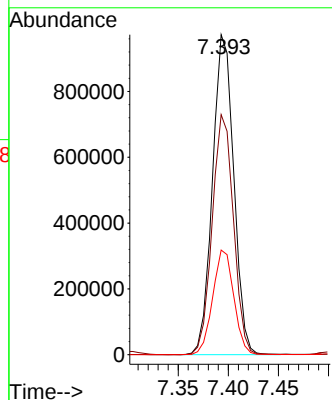
#10
Bis(2-Chloroethyl)ether
Concen: 34.208 ng/ul
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 93 Resp: 1434263

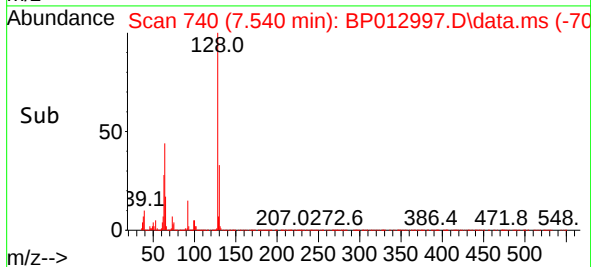
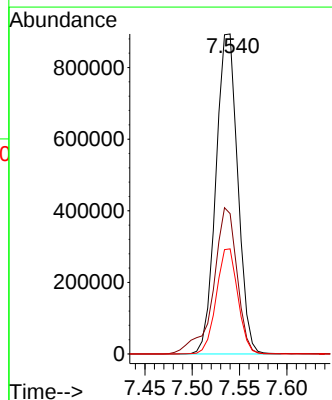
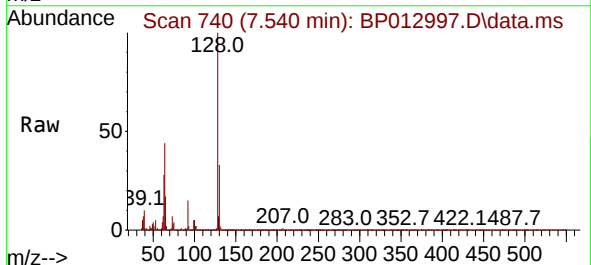
Ion	Ratio	Lower	Upper
93	100		
63	75.0	59.8	89.8
95	32.7	26.4	39.6

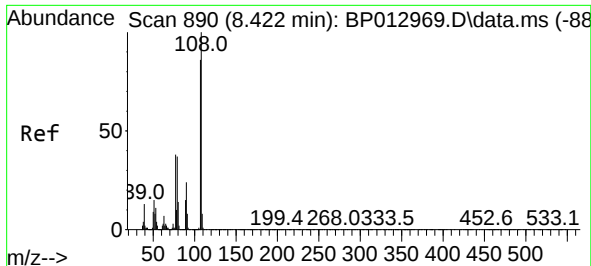


#12
2-Chlorophenol
Concen: 35.161 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:128 Resp: 1434071

Ion	Ratio	Lower	Upper
128	100		
64	43.8	34.9	52.3
130	32.8	25.8	38.6





#13

2-Methylphenol

Concen: 34.733 ng/ul

RT: 8.416 min Scan# 890

Delta R.T. -0.006 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

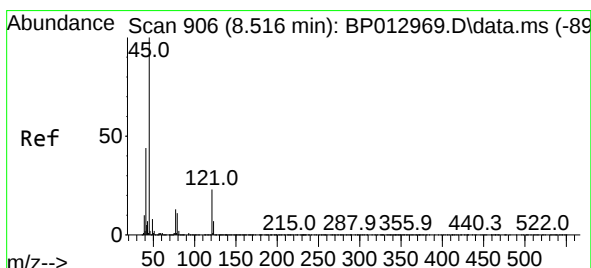
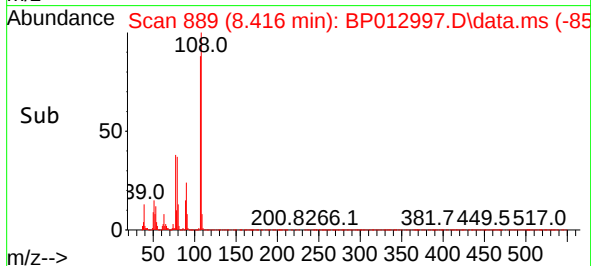
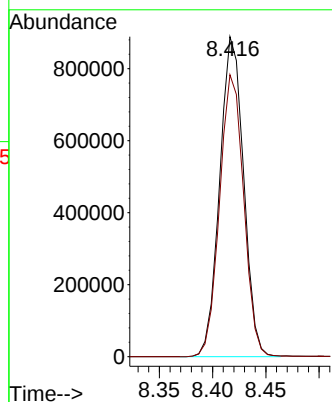
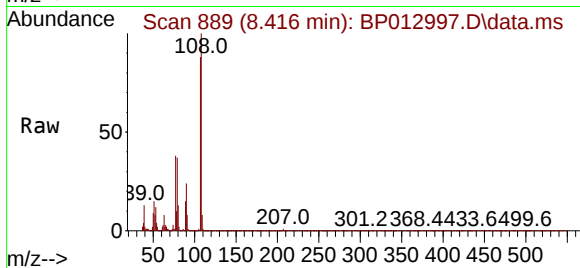
ClientSampleId :

Tgt Ion:108 Resp: 1383240

Ion Ratio Lower Upper

108 100

107 88.1 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 35.329 ng/ul

RT: 8.510 min Scan# 905

Delta R.T. -0.006 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

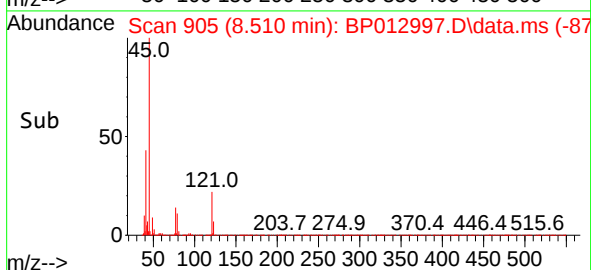
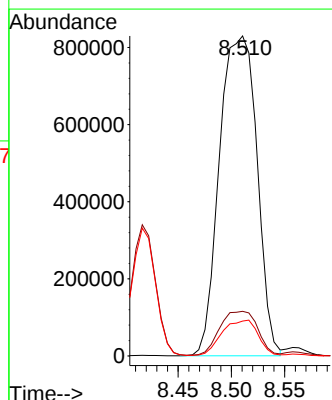
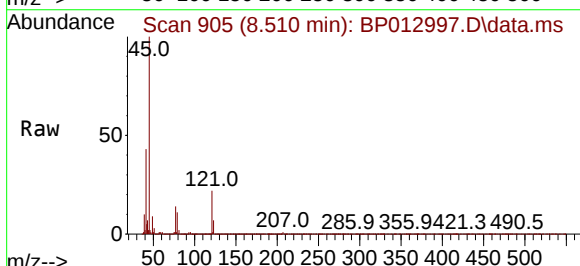
Tgt Ion: 45 Resp: 2032565

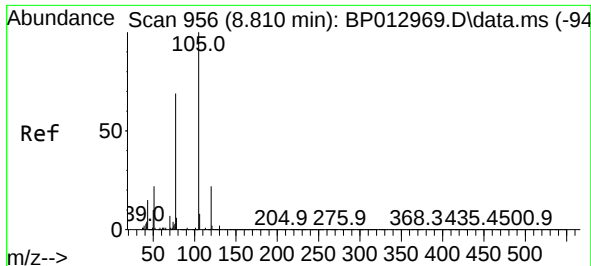
Ion Ratio Lower Upper

45 100

77 14.0 11.0 16.6

79 10.9 9.3 13.9

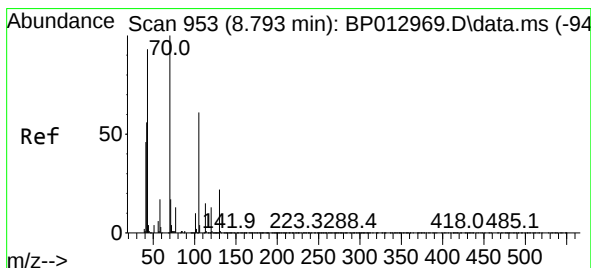
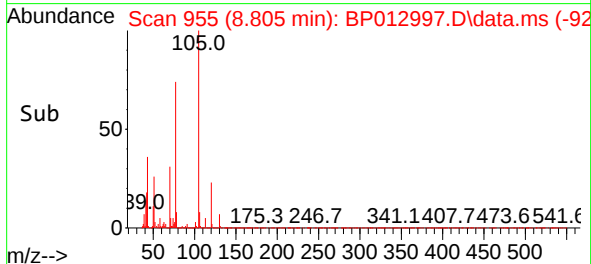
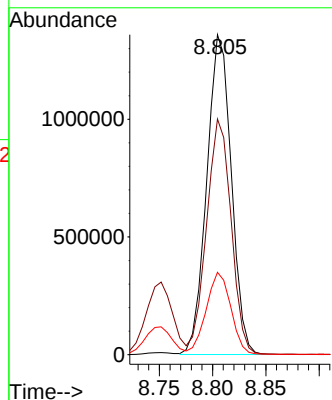
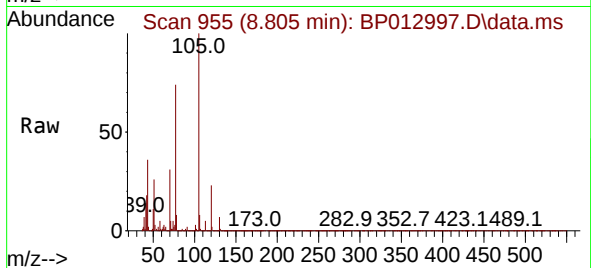




#16
Acetophenone
Concen: 34.287 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

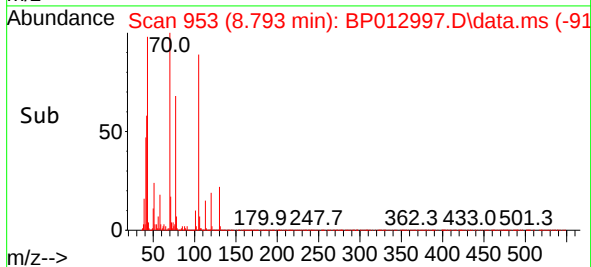
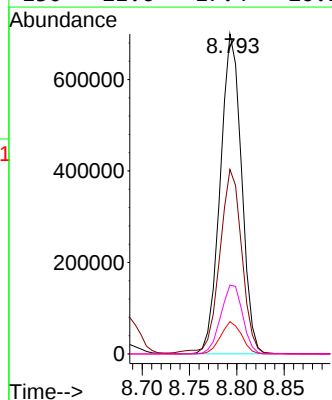
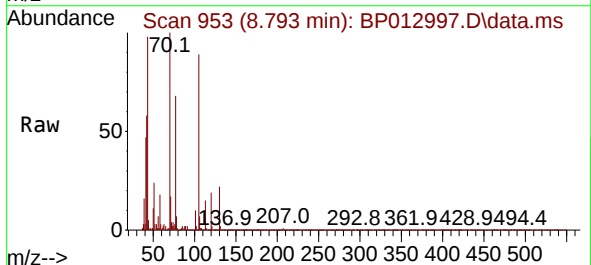
Instrument :
BNA_P
ClientSampleId :

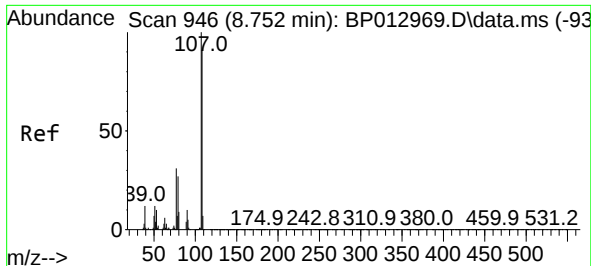
Tgt Ion:105 Resp: 2176382
Ion Ratio Lower Upper
105 100
77 73.6 59.3 88.9
51 25.8 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 34.227 ng/ul
RT: 8.793 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion: 70 Resp: 1092496
Ion Ratio Lower Upper
70 100
42 57.7 45.5 68.3
101 10.1 7.9 11.9
130 21.6 17.4 26.2

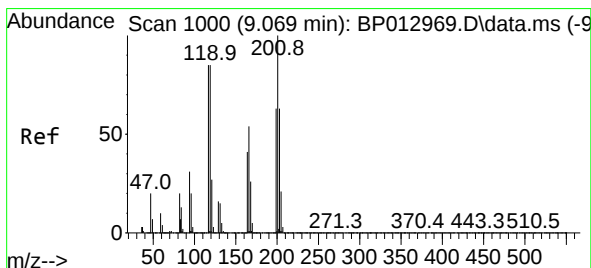
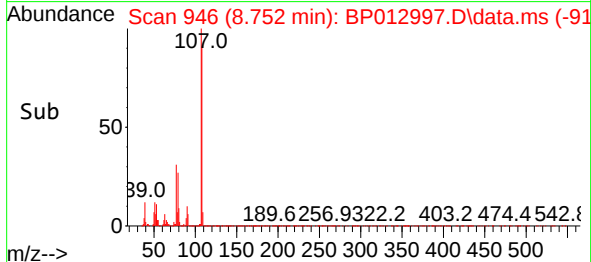
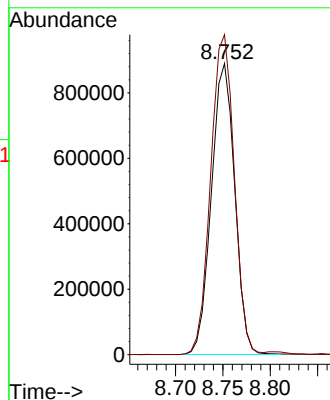
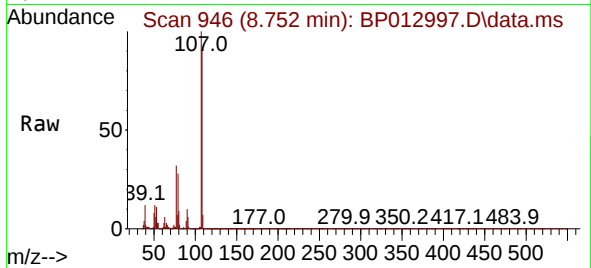




#18
4-Methylphenol
Concen: 34.626 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

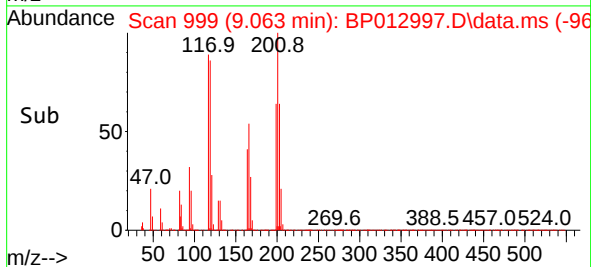
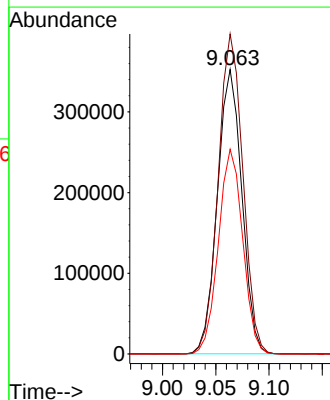
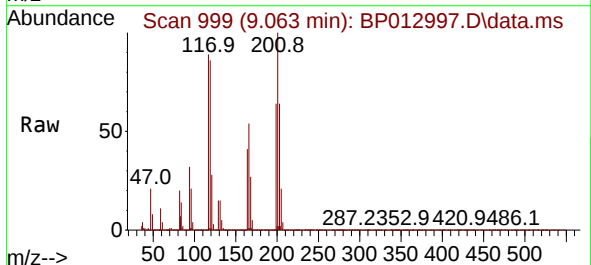
Instrument :
BNA_P
ClientSampleId :

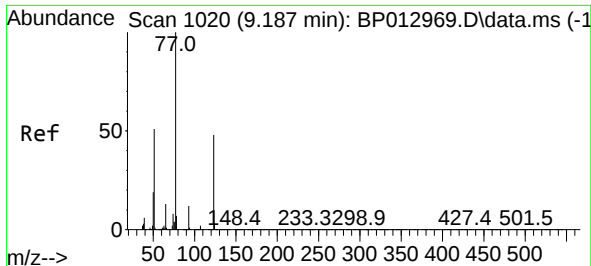
Tgt Ion:108 Resp: 1527419
Ion Ratio Lower Upper
108 100
107 109.9 87.4 131.2



#19
Hexachloroethane
Concen: 34.596 ng/ul
RT: 9.063 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:117 Resp: 563864
Ion Ratio Lower Upper
117 100
201 112.5 93.7 140.5
199 71.9 58.6 88.0

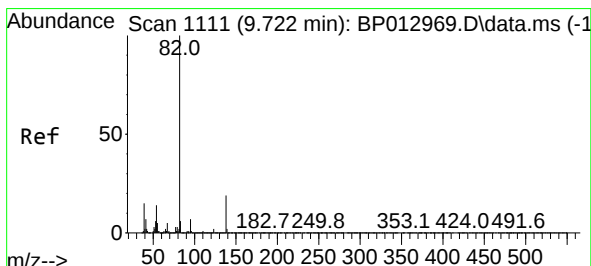
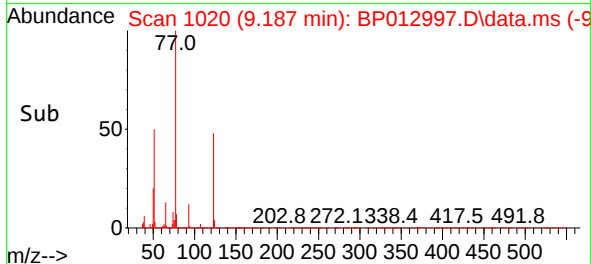
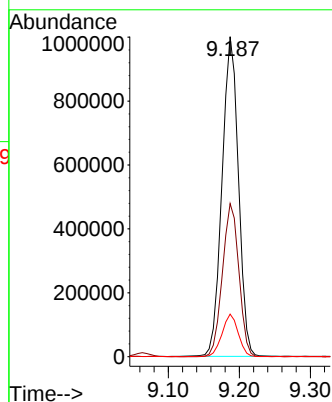
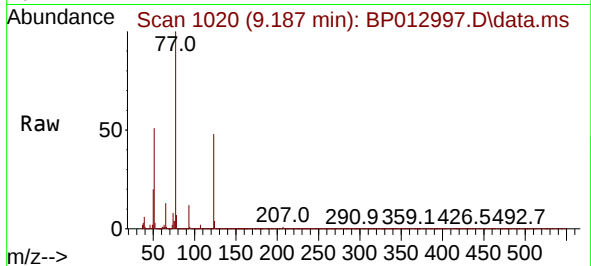




#22
Nitrobenzene
Concen: 35.077 ng/ul
RT: 9.187 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

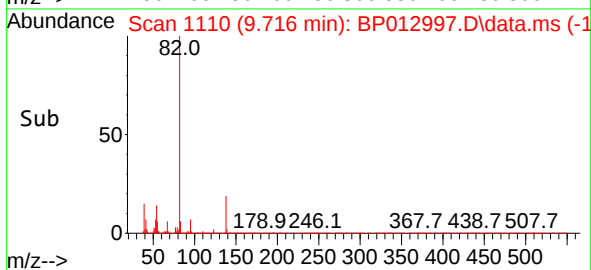
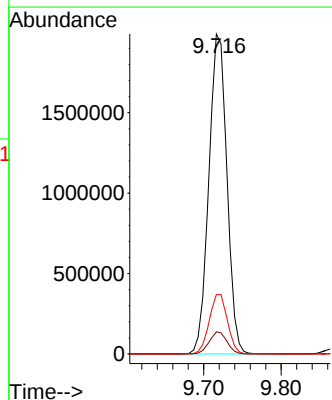
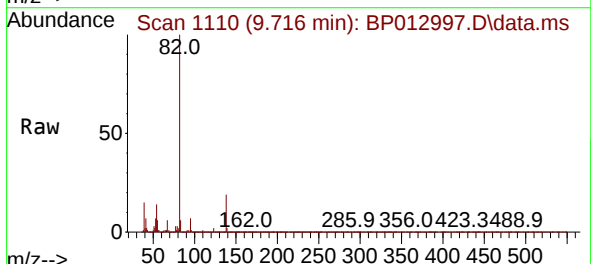
Instrument :
BNA_P
ClientSampleId :

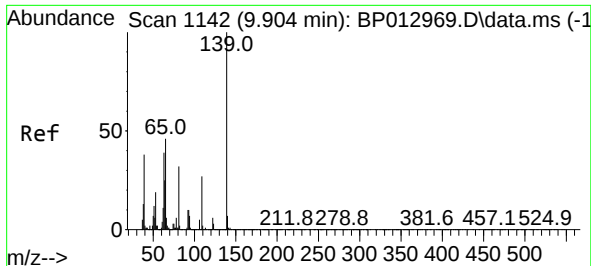
Tgt Ion: 77 Resp: 1603235
Ion Ratio Lower Upper
77 100
123 47.9 38.3 57.5
65 13.3 10.3 15.5



#23
Isophorone
Concen: 34.893 ng/ul
RT: 9.716 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion: 82 Resp: 3224745
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.6 15.3 22.9

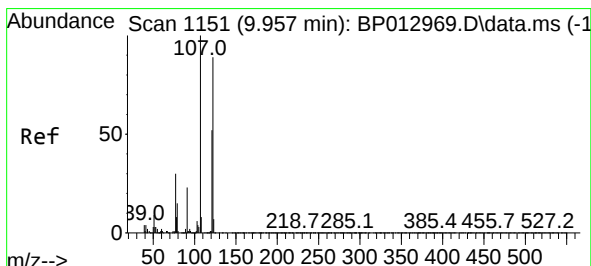
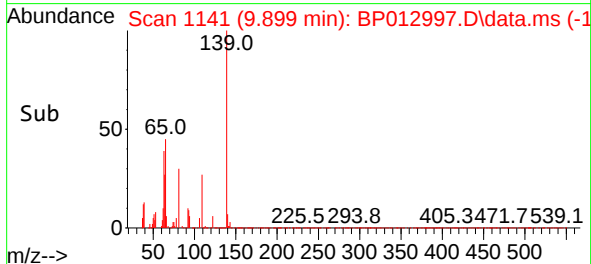
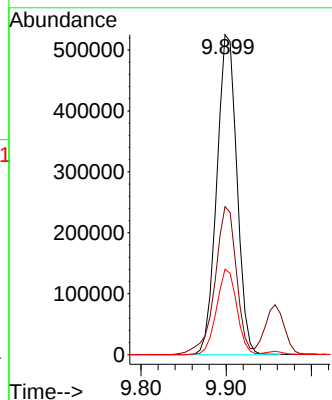
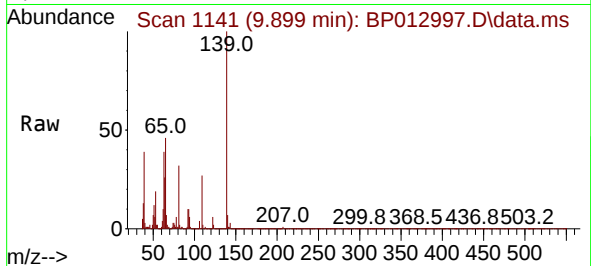




#25
2-Nitrophenol
Concen: 36.355 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

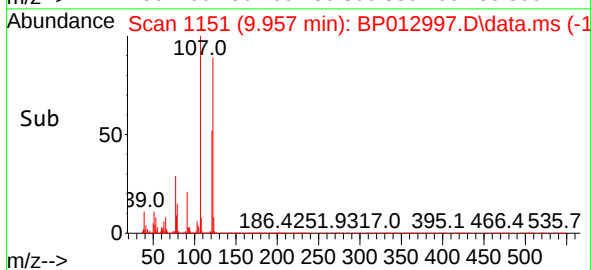
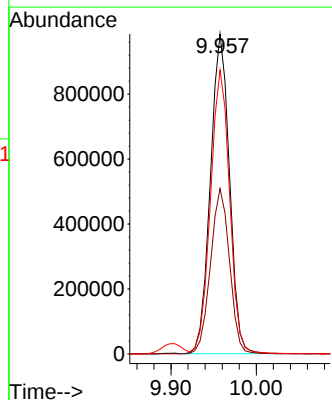
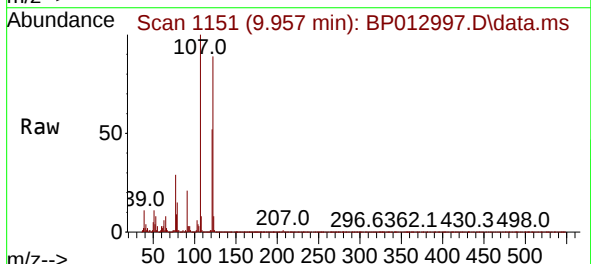
Instrument :
BNA_P
ClientSampleId :

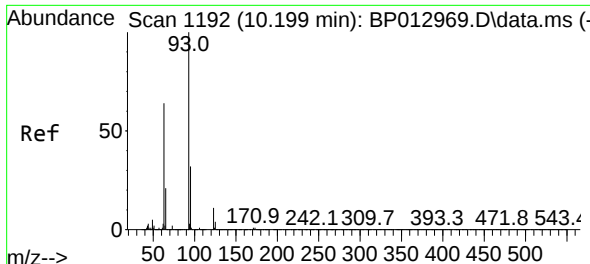
Tgt Ion:139 Resp: 863790
Ion Ratio Lower Upper
139 100
65 46.3 36.6 54.8
109 26.7 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 32.998 ng/ul
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:107 Resp: 1529732
Ion Ratio Lower Upper
107 100
121 51.7 41.8 62.6
122 88.7 72.6 108.8

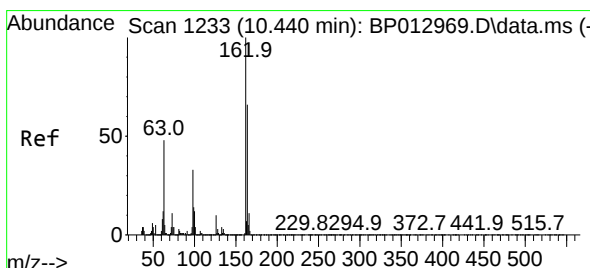
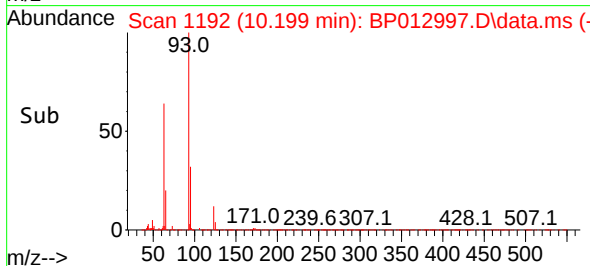
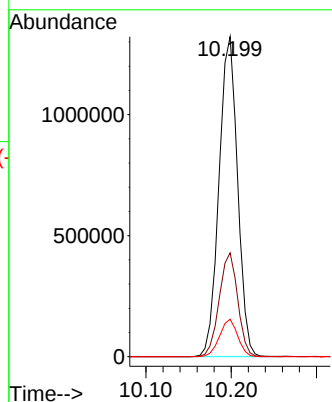
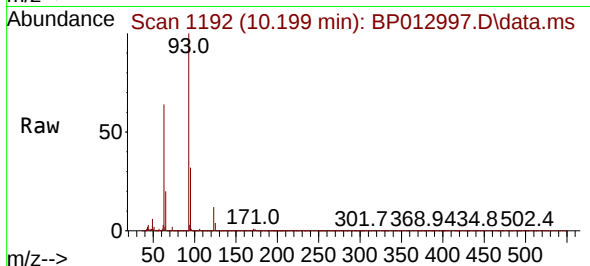




#27
Bis(2-Chloroethoxy)methane
Concen: 33.826 ng/ul
RT: 10.199 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

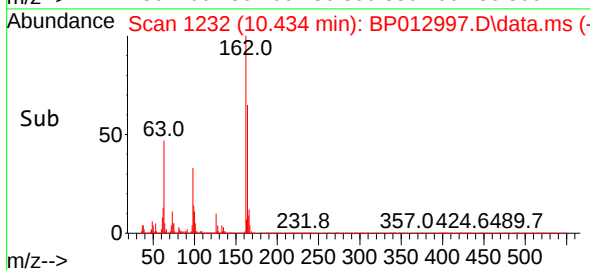
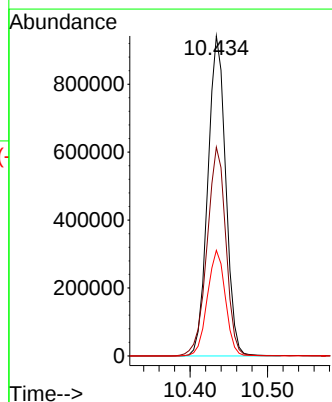
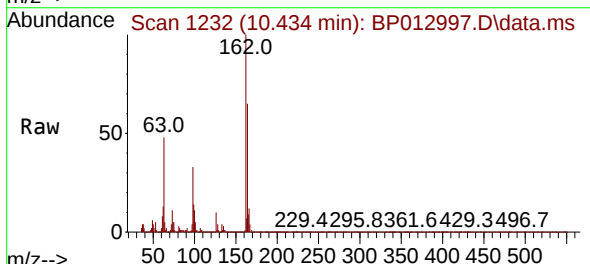
Instrument :
BNA_P
ClientSampleId :

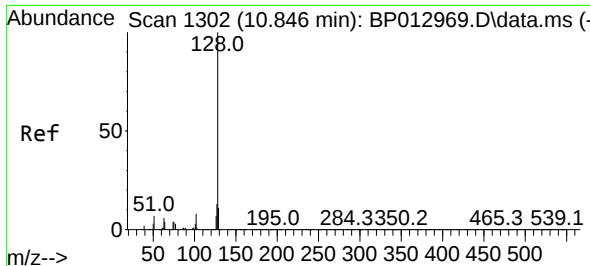
Tgt Ion: 93 Resp: 1998884
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.7 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 36.249 ng/ul
RT: 10.434 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:162 Resp: 1512380
Ion Ratio Lower Upper
162 100
164 65.2 52.5 78.7
98 33.0 26.6 39.8

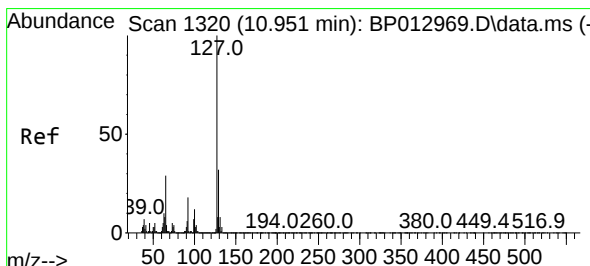
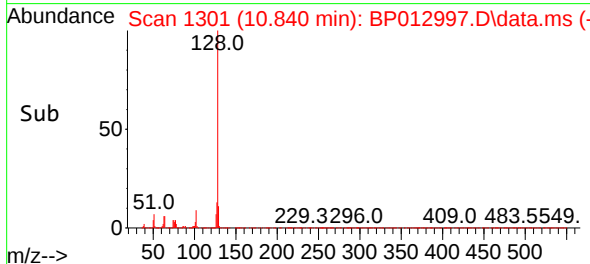
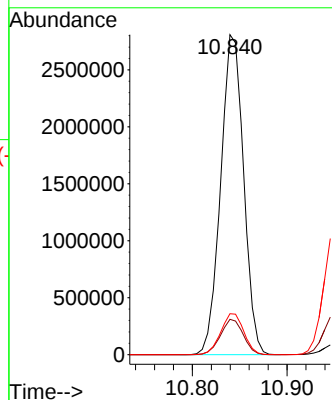
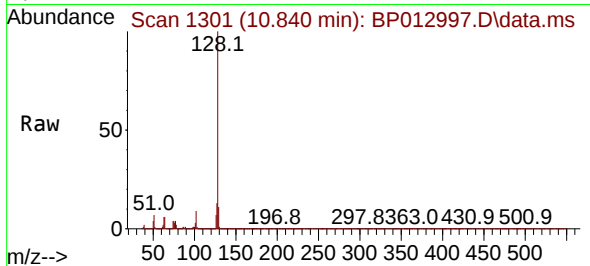




#30
Naphthalene
Concen: 34.104 ng/ul
RT: 10.840 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

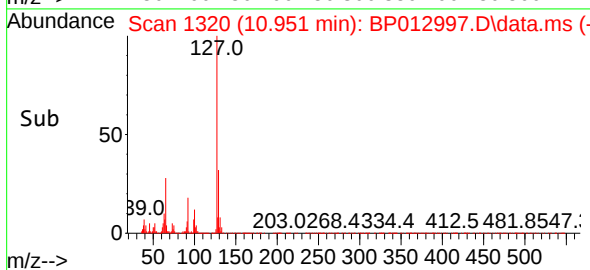
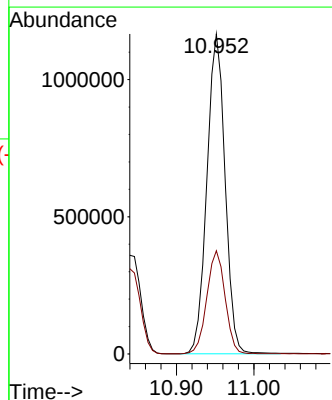
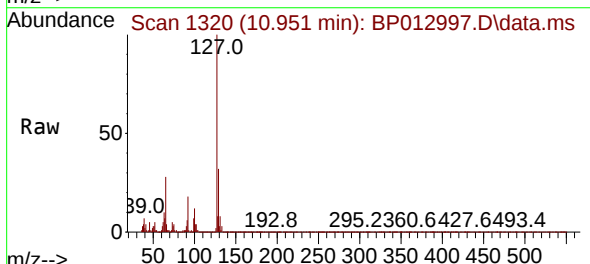
Instrument :
BNA_P
ClientSampleId :

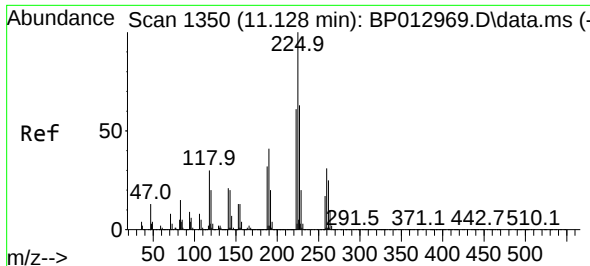
Tgt Ion:128 Resp: 4728407
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.4 15.6



#32
4-Chloroaniline
Concen: 31.877 ng/ul
RT: 10.951 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:127 Resp: 1896762
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4

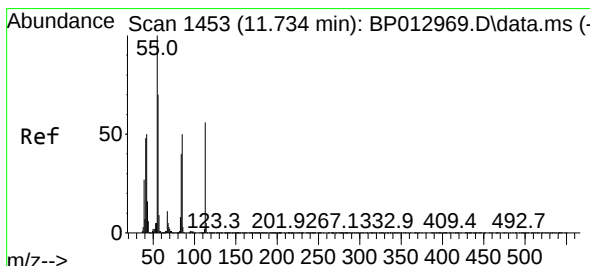
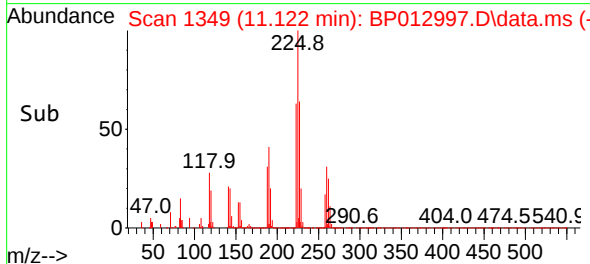
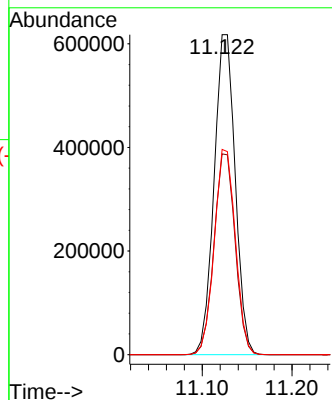
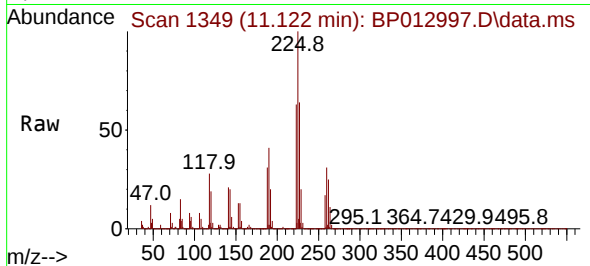




#33
Hexachlorobutadiene
Concen: 35.230 ng/ul
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

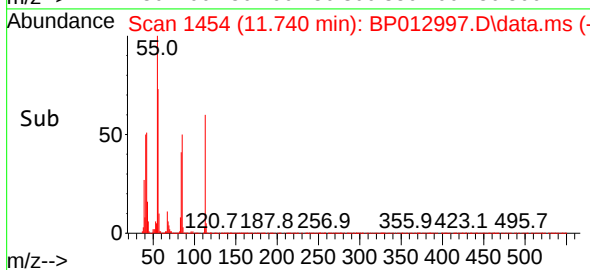
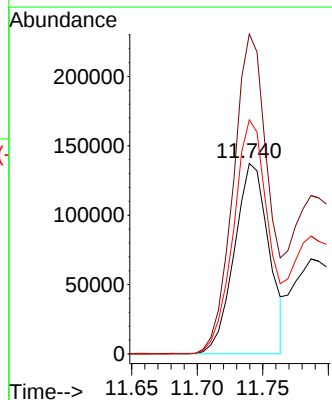
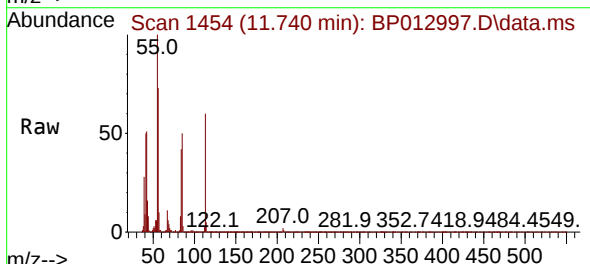
Instrument :
BNA_P
ClientSampleId :

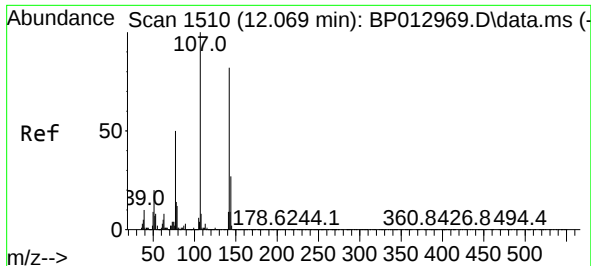
Tgt Ion:225 Resp: 1009238
Ion Ratio Lower Upper
225 100
223 62.7 49.2 73.8
227 64.1 50.2 75.2



#34
Caprolactam
Concen: 17.701 ng/ul
RT: 11.740 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:113 Resp: 251810
Ion Ratio Lower Upper
113 100
55 167.9 141.9 212.9
56 122.8 99.6 149.4

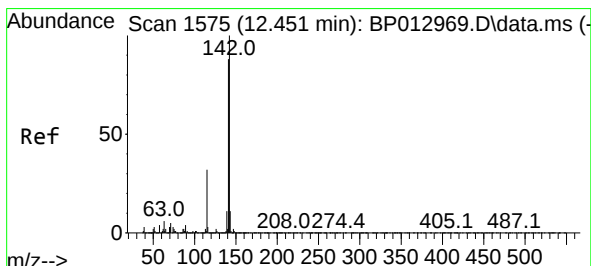
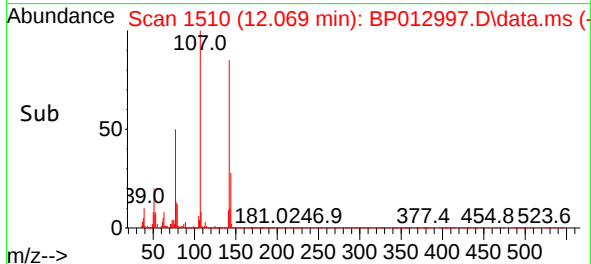
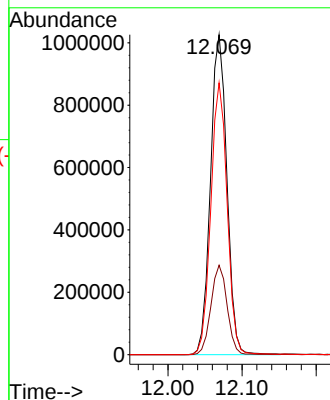
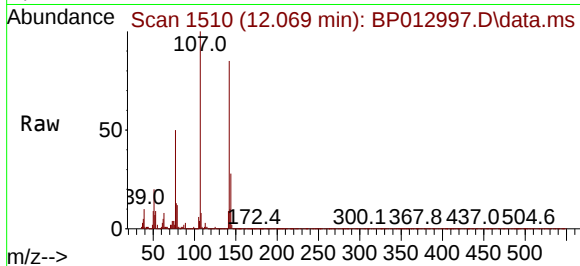




#35
4-Chloro-3-methylphenol
Concen: 37.056 ng/ul
RT: 12.069 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

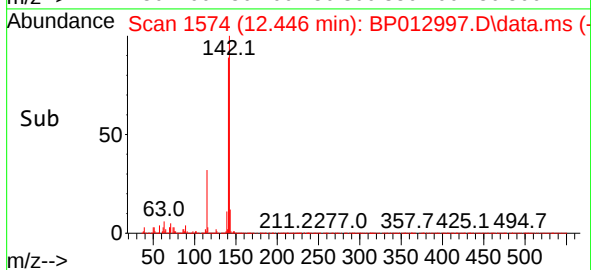
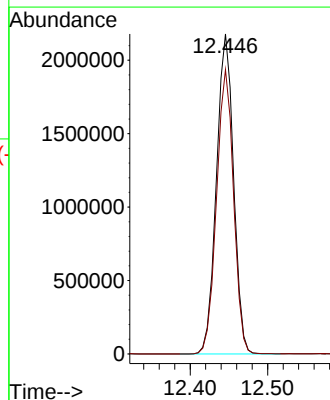
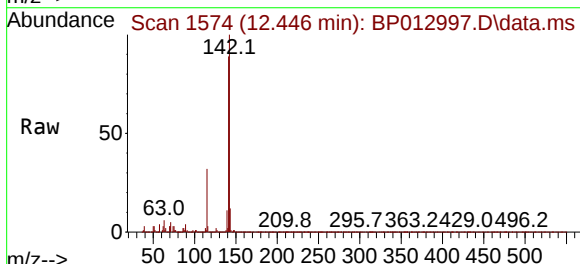
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BNA_P
ClientSampleId :

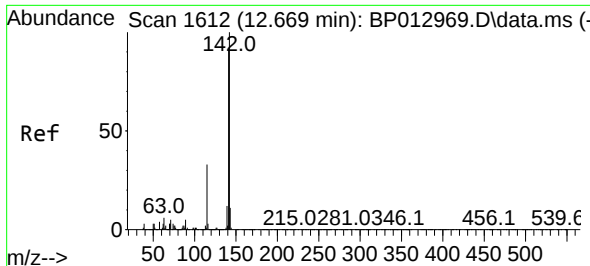
Tgt Ion:107 Resp: 1577799
Ion Ratio Lower Upper
107 100
144 27.9 21.4 32.2
142 84.9 65.8 98.6



#36
2-Methylnaphthalene
Concen: 35.128 ng/ul
RT: 12.446 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:142 Resp: 3341240
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

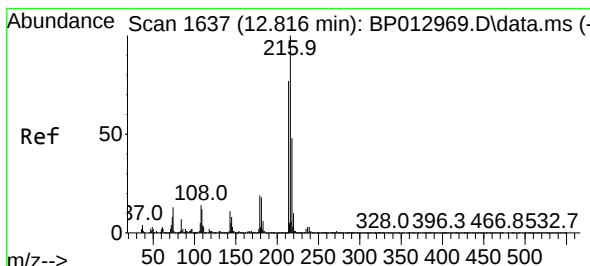
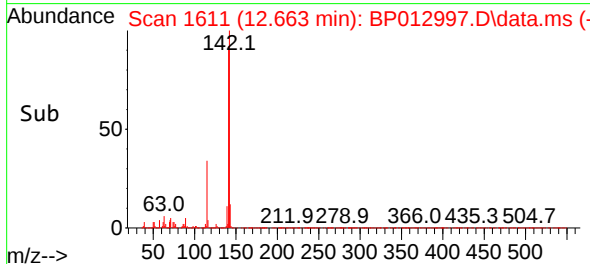
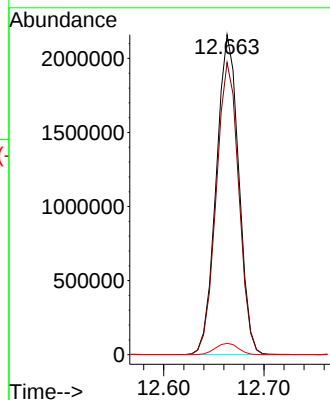
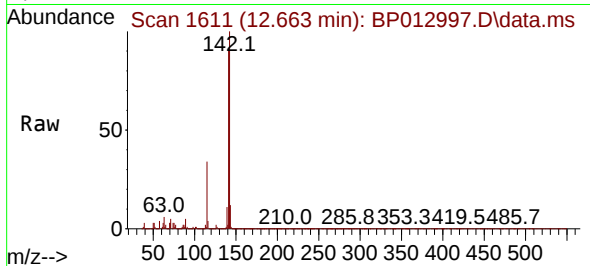




#37
1-Methylnaphthalene
Concen: 34.344 ng/ul
RT: 12.663 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

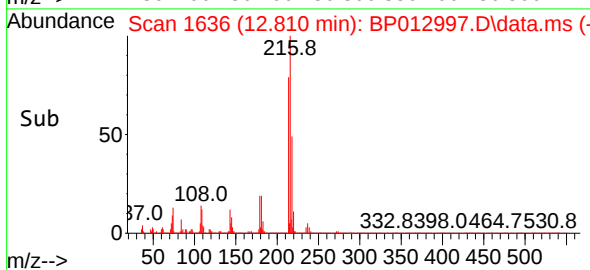
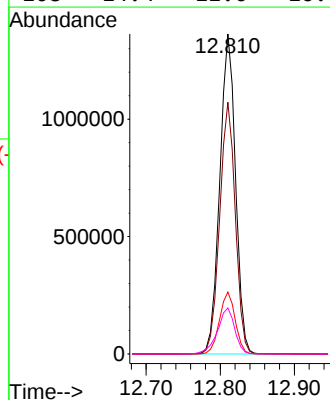
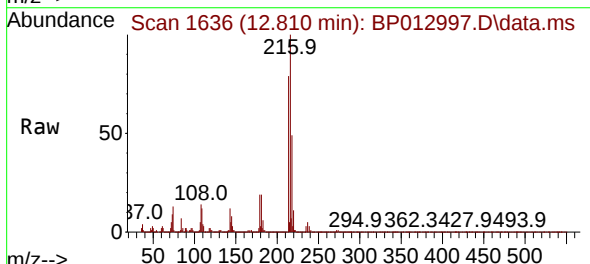
Instrument :
BNA_P
ClientSampleId :

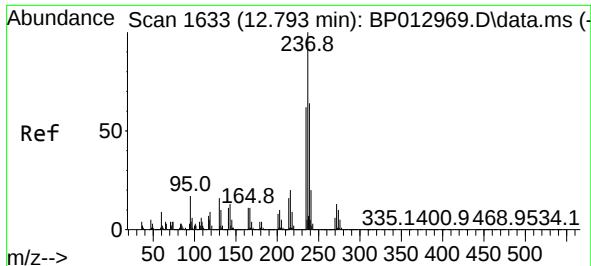
Tgt Ion:142 Resp: 3359345
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1
116 3.6 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.549 ng/ul
RT: 12.810 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:216 Resp: 2007332
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 19.3 15.0 22.6
108 14.4 11.0 16.4

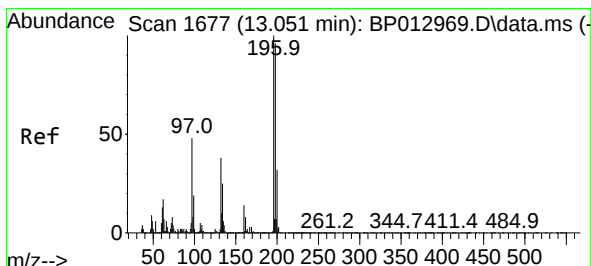
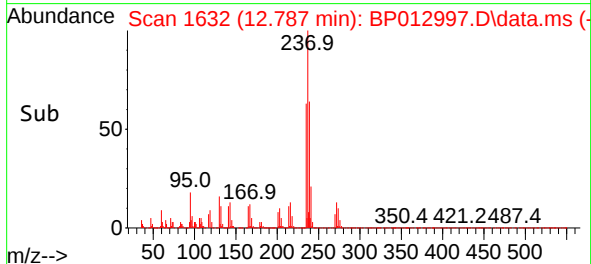
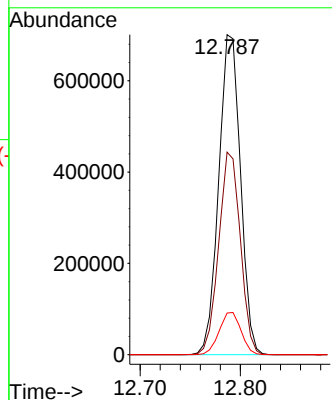
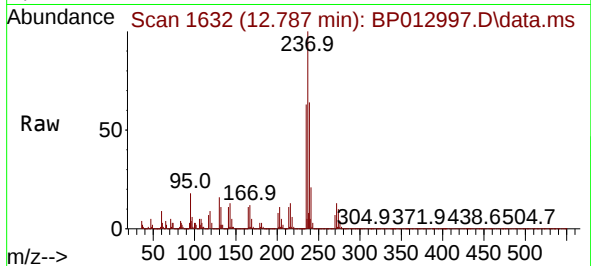




#40
Hexachlorocyclopentadiene
Concen: 28.753 ng/ul
RT: 12.787 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

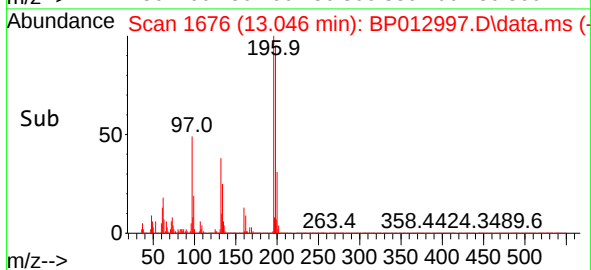
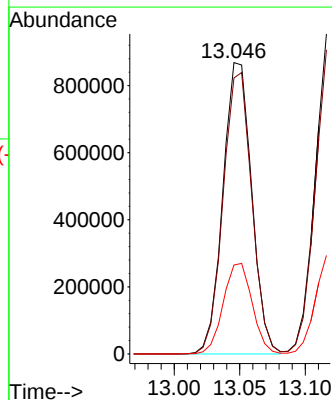
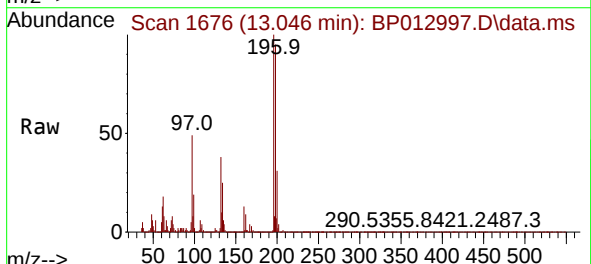
Instrument :
BNA_P
ClientSampleId :

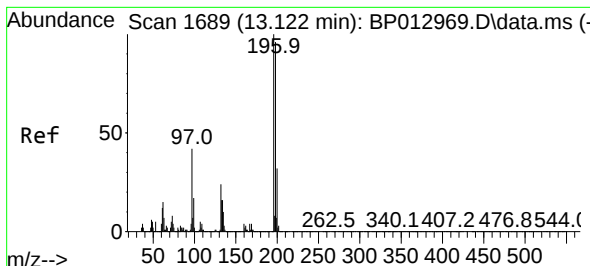
Tgt Ion:237 Resp: 1056543
Ion Ratio Lower Upper
237 100
235 63.3 49.7 74.5
272 13.0 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 36.548 ng/ul
RT: 13.046 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:196 Resp: 1326304
Ion Ratio Lower Upper
196 100
198 94.7 77.0 115.6
200 30.5 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 37.449 ng/ul

RT: 13.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

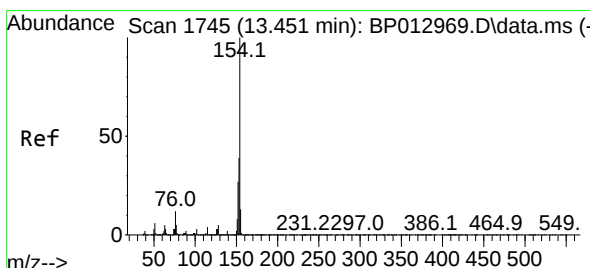
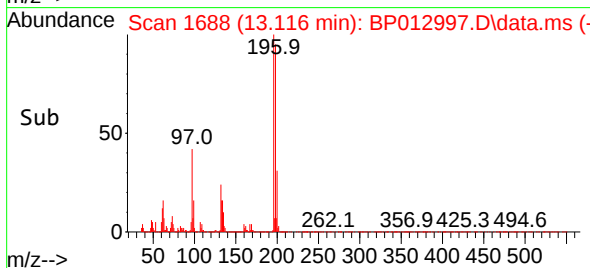
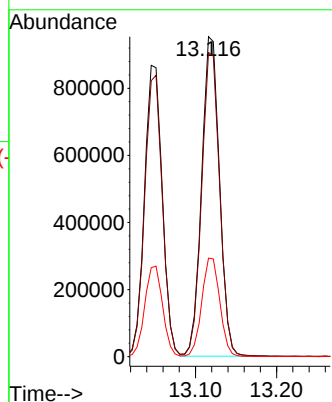
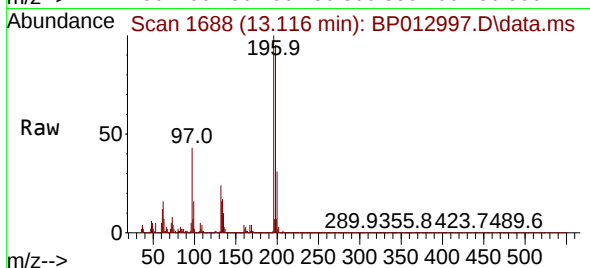
Tgt Ion:196 Resp: 1459753

Ion Ratio Lower Upper

196 100

198 95.1 77.1 115.7

200 30.8 25.4 38.2



#43

1,1'-Biphenyl

Concen: 34.136 ng/ul

RT: 13.451 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

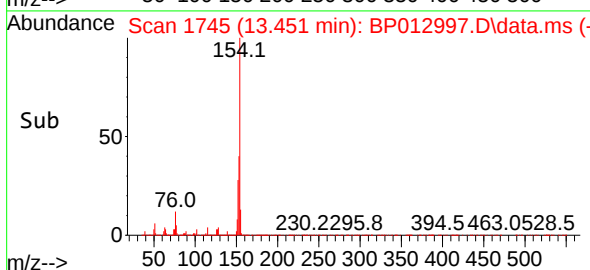
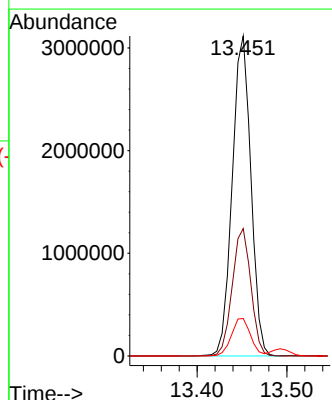
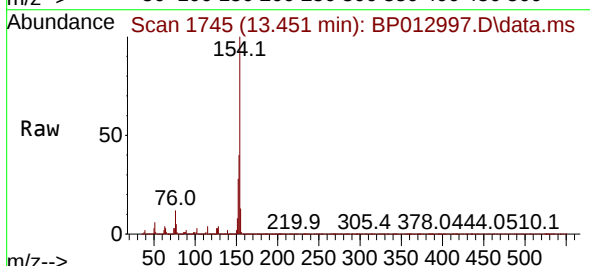
Tgt Ion:154 Resp: 4495795

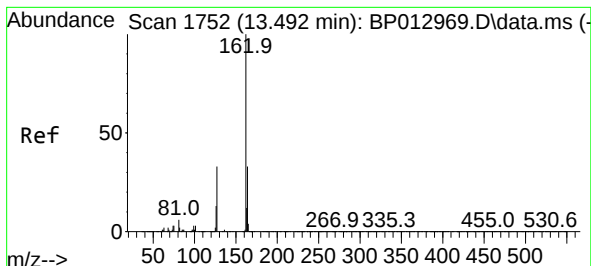
Ion Ratio Lower Upper

154 100

153 39.8 31.5 47.3

76 11.7 9.6 14.4





#44

2-Chloronaphthalene

Concen: 34.502 ng/ul

RT: 13.493 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

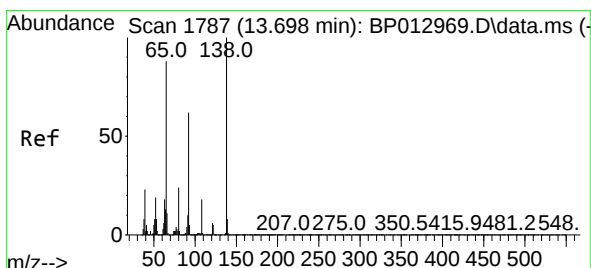
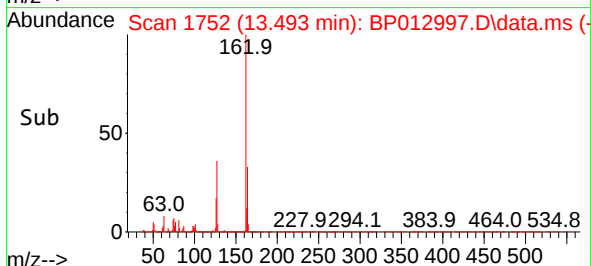
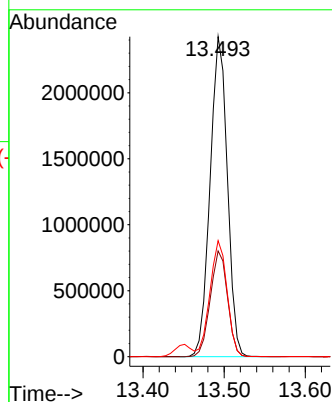
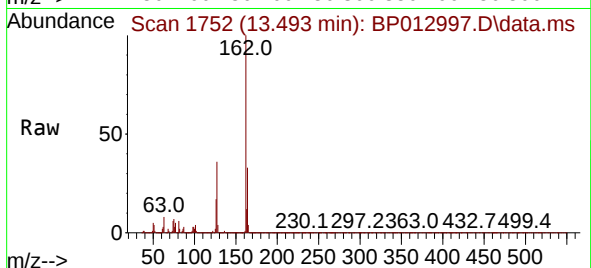
Tgt Ion:162 Resp: 3576354

Ion Ratio Lower Upper

162 100

164 33.1 26.3 39.5

127 36.3 29.3 43.9



#45

2-Nitroaniline

Concen: 39.199 ng/ul

RT: 13.698 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

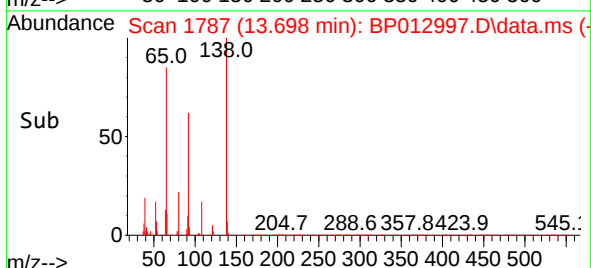
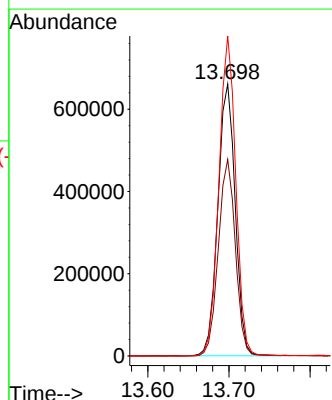
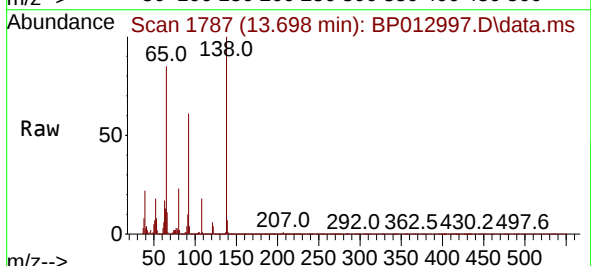
Tgt Ion: 65 Resp: 985131

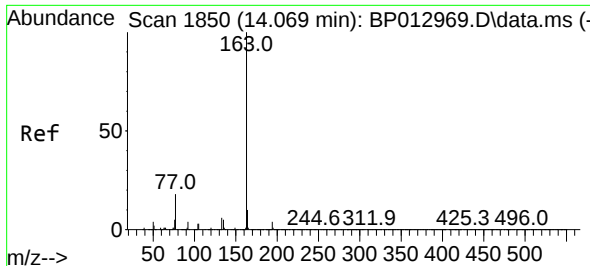
Ion Ratio Lower Upper

65 100

92 72.2 56.4 84.6

138 117.7 90.3 135.5

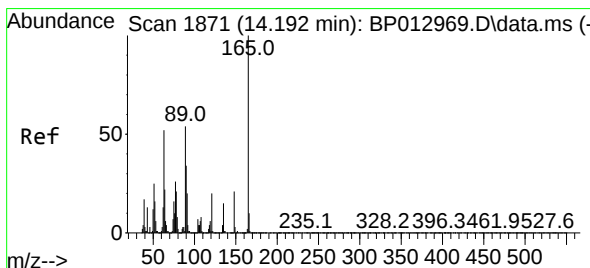
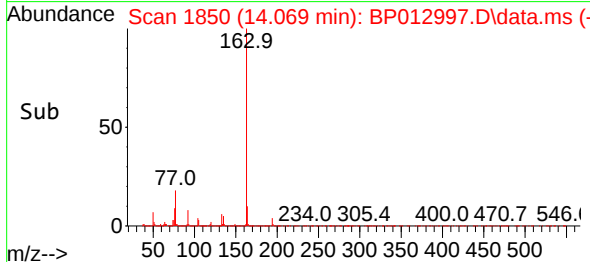
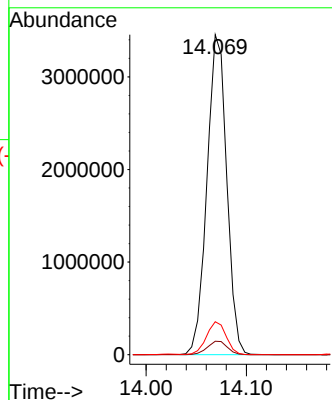
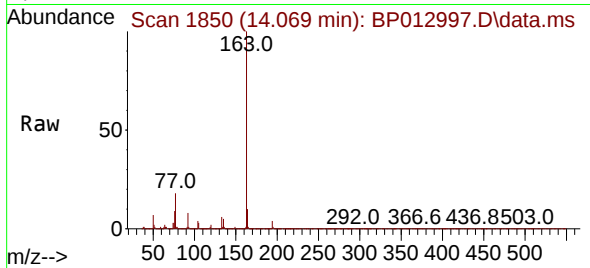




#47
Dimethylphthalate
Concen: 35.473 ng/ul
RT: 14.069 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

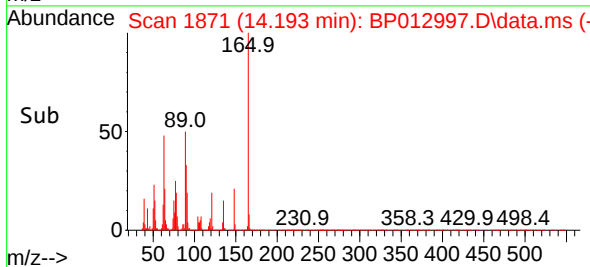
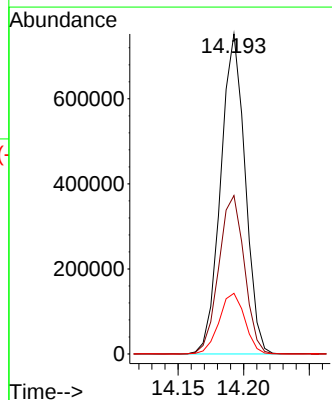
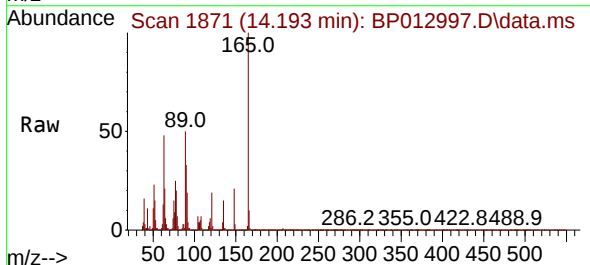
Instrument :
BNA_P
ClientSampleId :

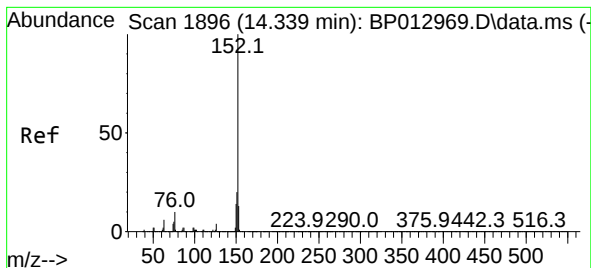
Tgt Ion:163 Resp: 4738404
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 39.254 ng/ul
RT: 14.193 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:165 Resp: 974455
Ion Ratio Lower Upper
165 100
89 49.5 43.0 64.4
121 18.9 16.1 24.1





#50

Acenaphthylene

Concen: 34.433 ng/ul

RT: 14.340 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

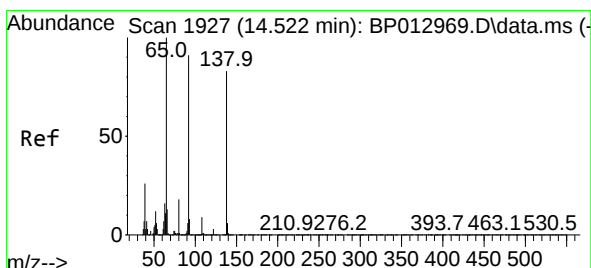
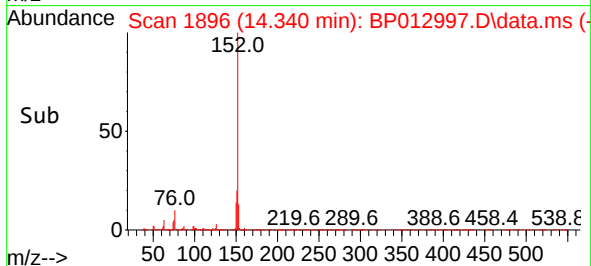
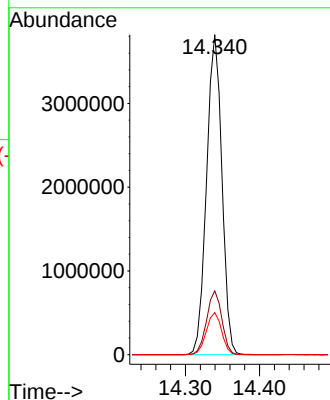
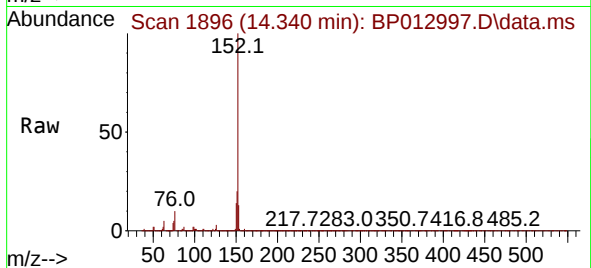
Tgt Ion:152 Resp: 5482163

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.2 10.6 16.0



#51

3-Nitroaniline

Concen: 40.982 ng/ul

RT: 14.522 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

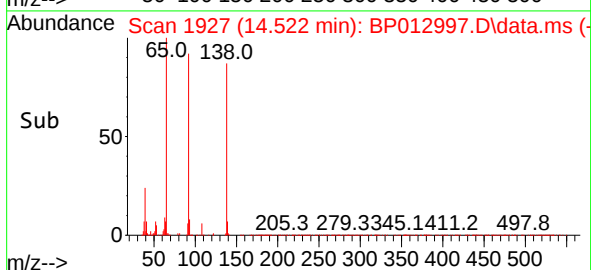
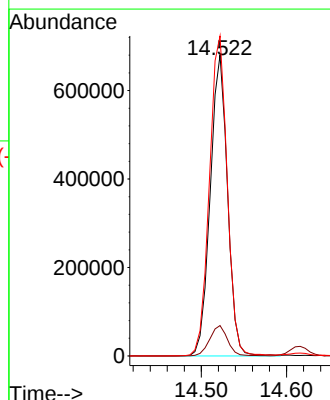
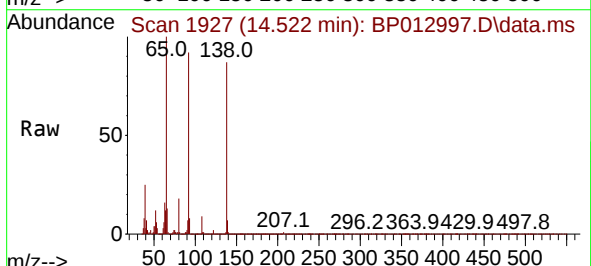
Tgt Ion:138 Resp: 960647

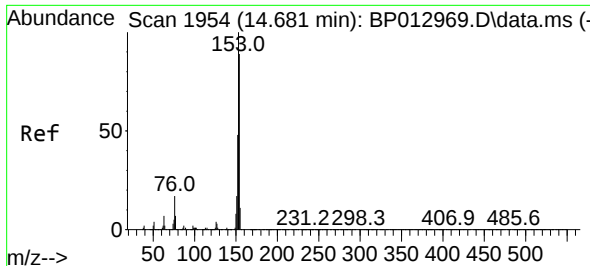
Ion Ratio Lower Upper

138 100

108 10.1 8.6 13.0

92 106.3 88.4 132.6

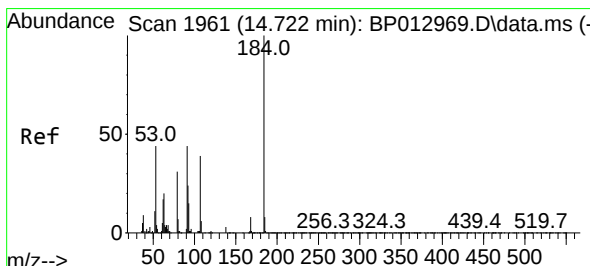
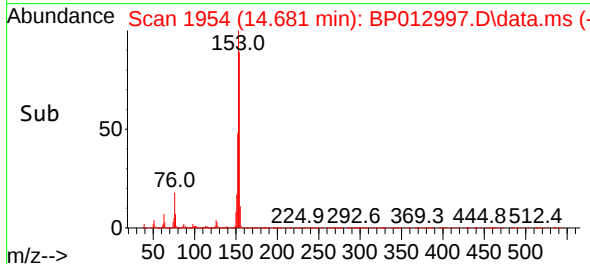
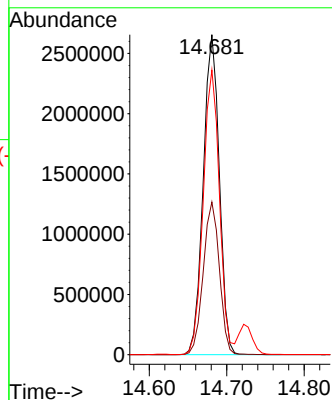
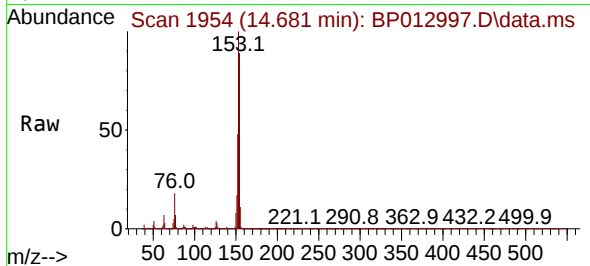




#52
Acenaphthene
Concen: 34.715 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

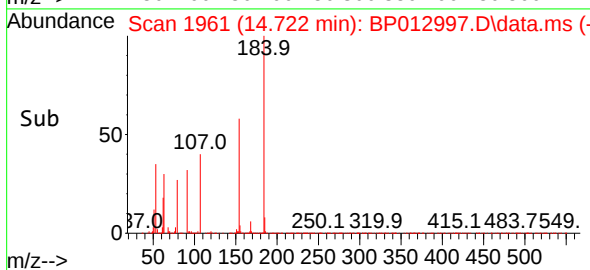
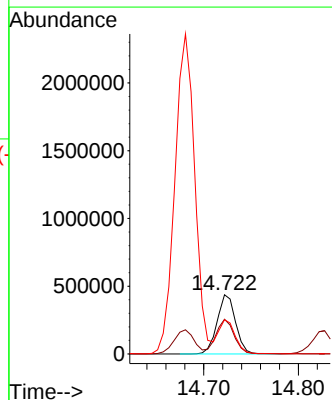
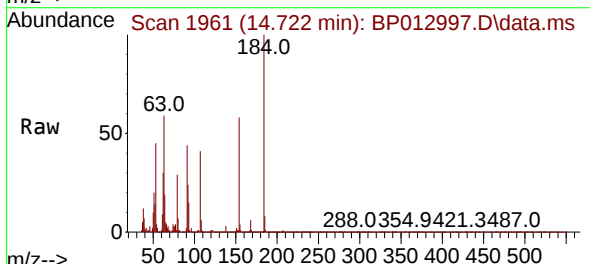
Instrument :
BNA_P
ClientSampleId :

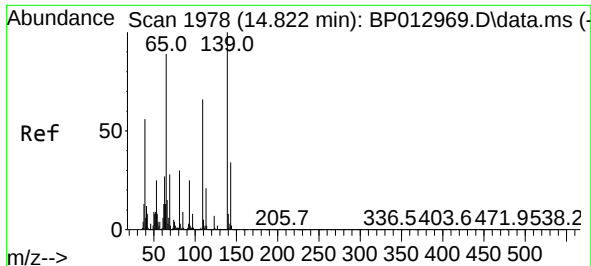
Tgt Ion:153 Resp: 3830098
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 34.983 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:184 Resp: 593619
Ion Ratio Lower Upper
184 100
63 58.5 48.4 72.6
154 57.9 45.5 68.3

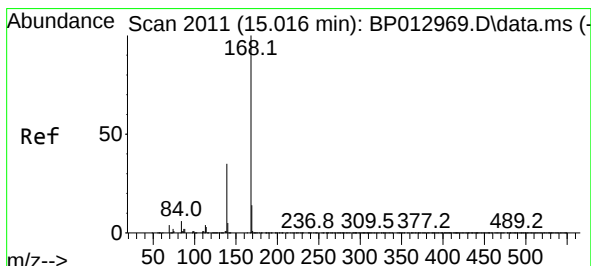
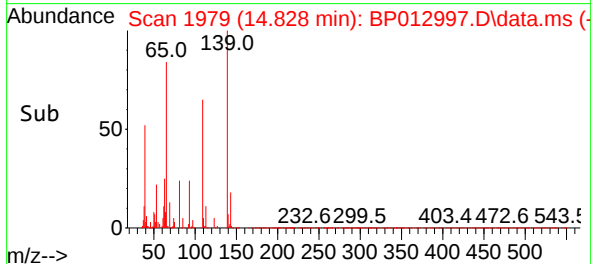
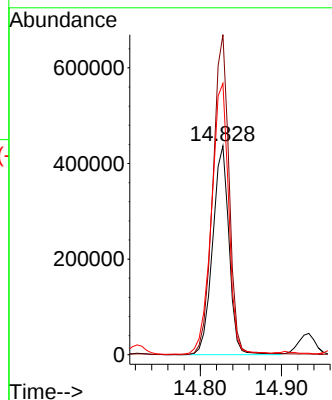
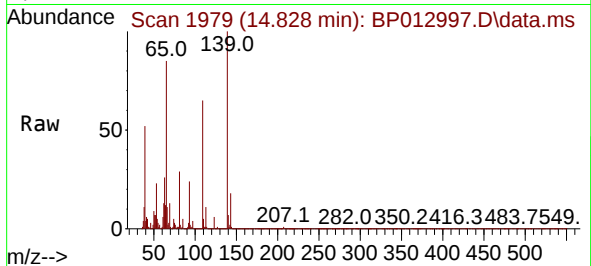




#55
4-Nitrophenol
Concen: 36.945 ng/ul
RT: 14.828 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

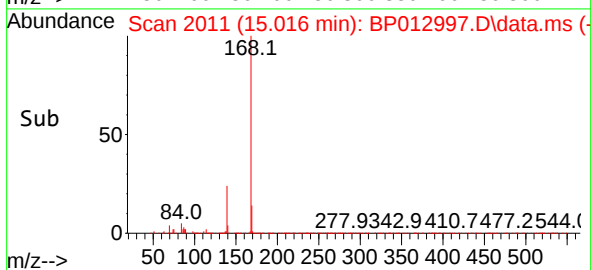
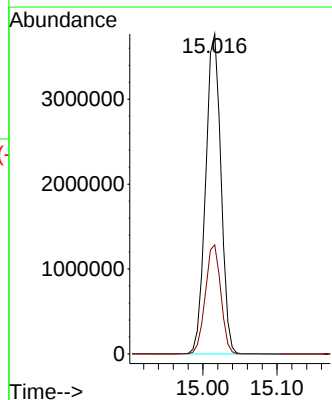
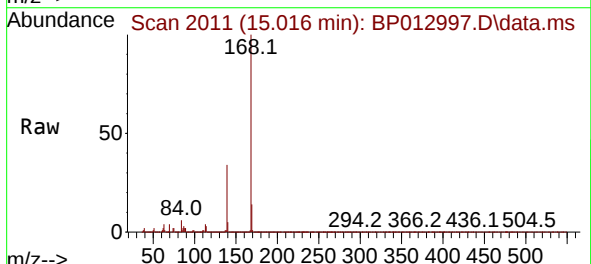
Instrument :
BNA_P
ClientSampleId :

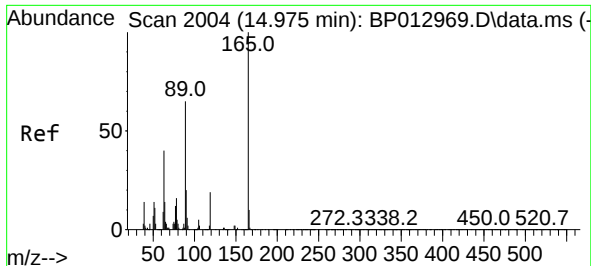
Tgt Ion:109 Resp: 611125
Ion Ratio Lower Upper
109 100
139 153.2 120.8 181.2
65 129.8 107.9 161.9



#56
Dibenzofuran
Concen: 34.401 ng/ul
RT: 15.016 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:168 Resp: 5396332
Ion Ratio Lower Upper
168 100
139 34.1 27.9 41.9





#57

2,4-Dinitrotoluene

Concen: 38.925 ng/ul

RT: 14.975 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

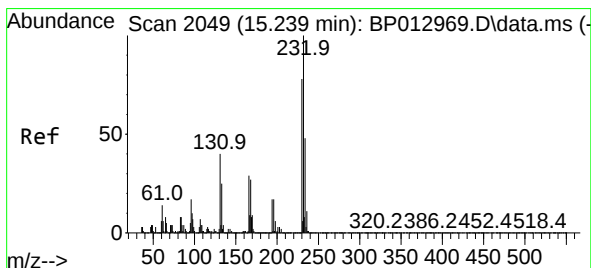
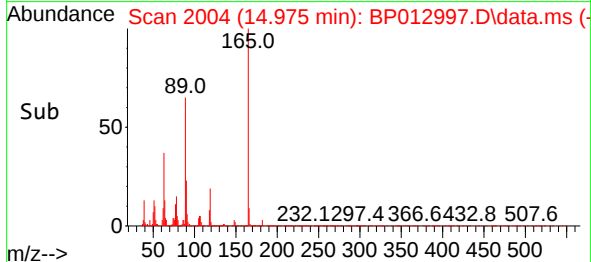
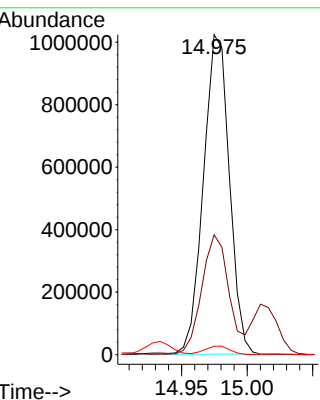
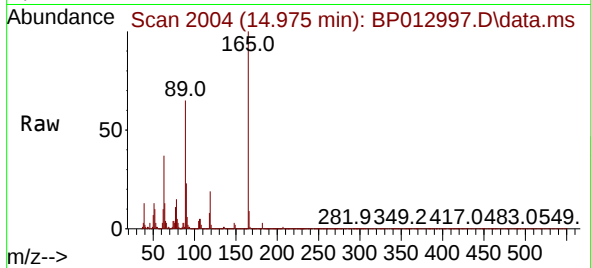
Tgt Ion:165 Resp: 1403618

Ion Ratio Lower Upper

165 100

63 37.4 31.8 47.6

182 2.6 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.821 ng/ul

RT: 15.240 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Tgt Ion:232 Resp: 1309841

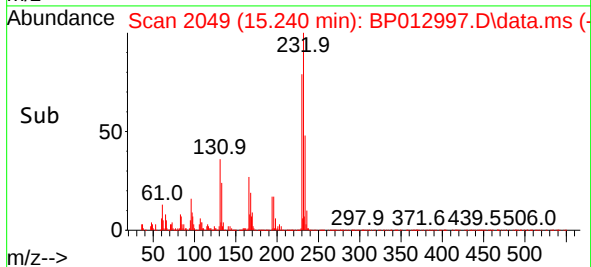
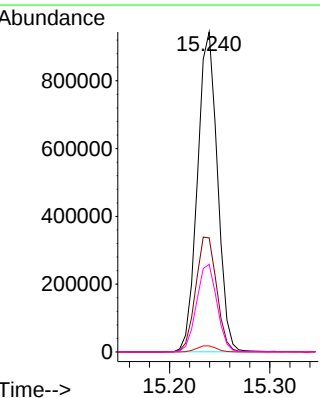
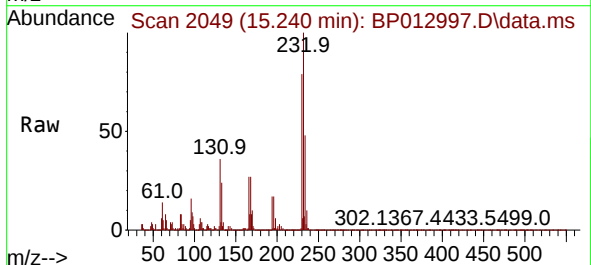
Ion Ratio Lower Upper

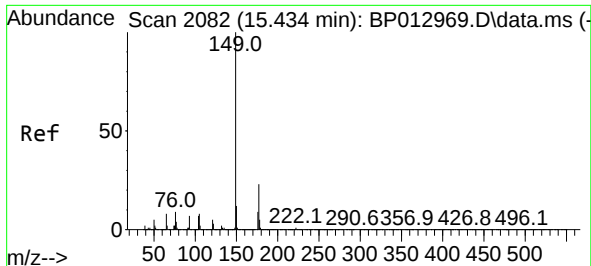
232 100

131 35.7 31.8 47.6

130 1.9 1.8 2.6

166 27.3 22.9 34.3

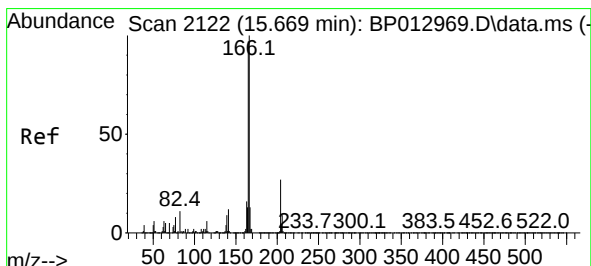
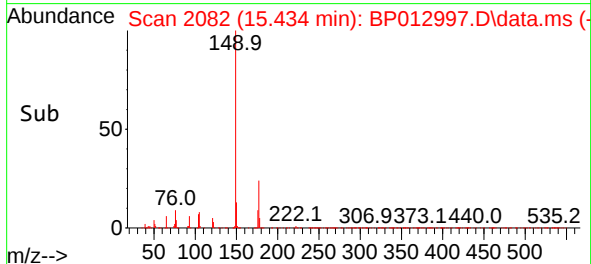
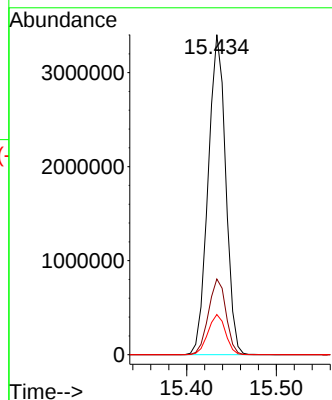
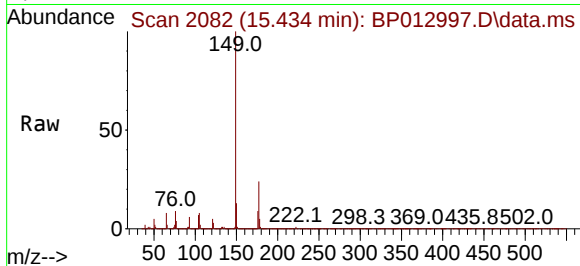




#59
Diethylphthalate
Concen: 35.584 ng/ul
RT: 15.434 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

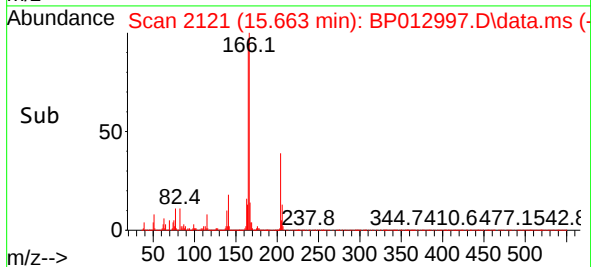
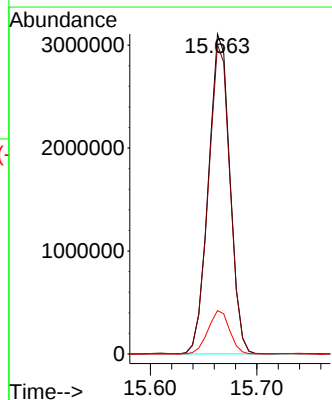
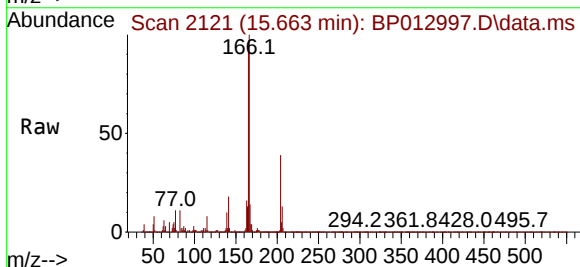
Instrument :
BNA_P
ClientSampleId :

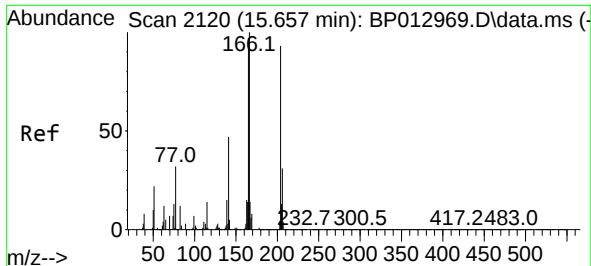
Tgt Ion:149 Resp: 4620674
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.6 9.9 14.9



#61
Fluorene
Concen: 34.579 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:166 Resp: 4350241
Ion Ratio Lower Upper
166 100
165 96.7 77.4 116.2
167 13.6 10.6 16.0

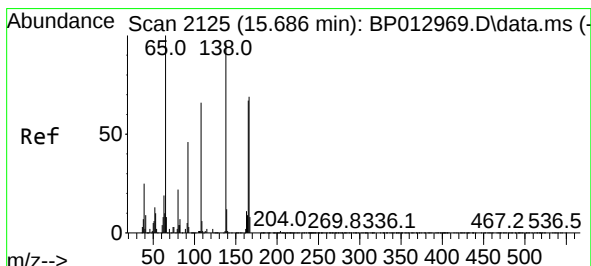
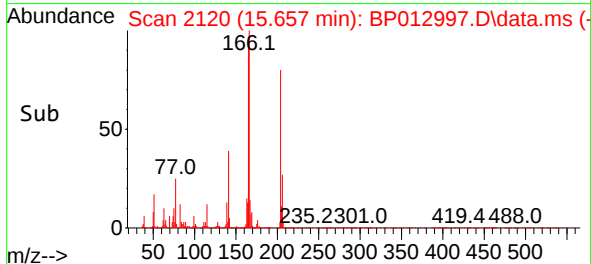
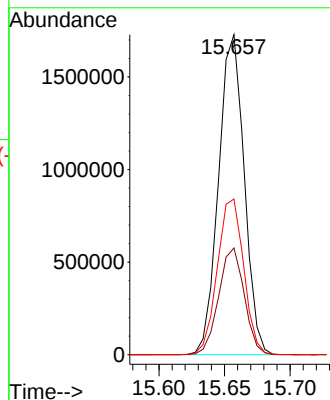
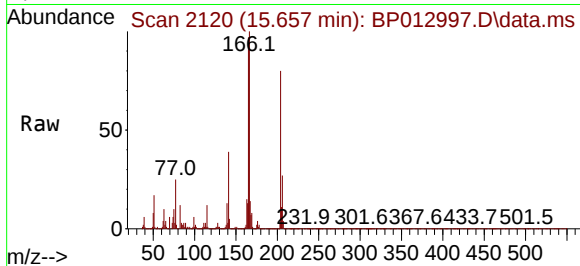




#62
4-Chlorophenyl-phenylether
Concen: 35.293 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

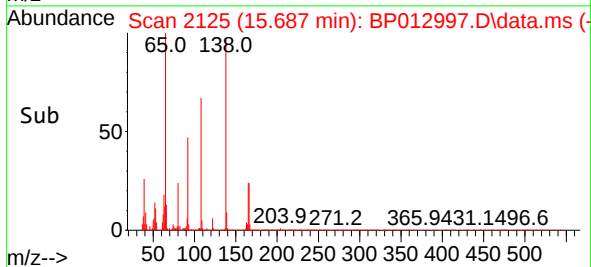
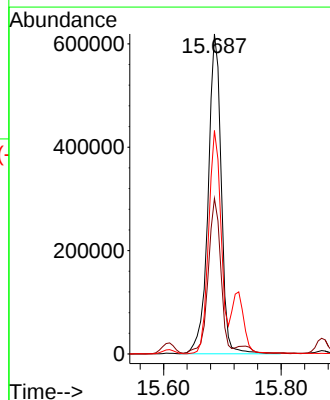
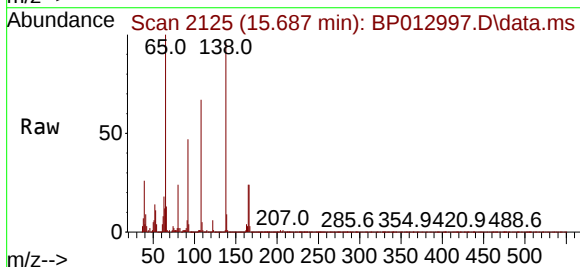
Instrument :
BNA_P
ClientSampleId :

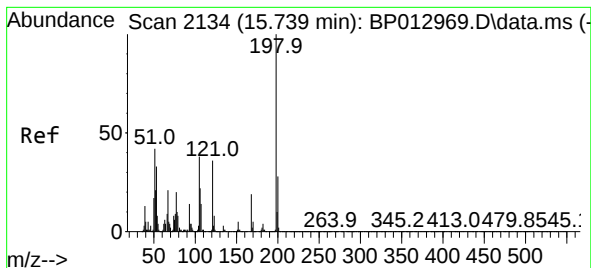
Tgt Ion:204 Resp: 2348028
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 48.6 40.4 60.6



#63
4-Nitroaniline
Concen: 46.519 ng/ul
RT: 15.687 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:138 Resp: 959515
Ion Ratio Lower Upper
138 100
92 48.6 39.0 58.4
108 69.8 55.1 82.7

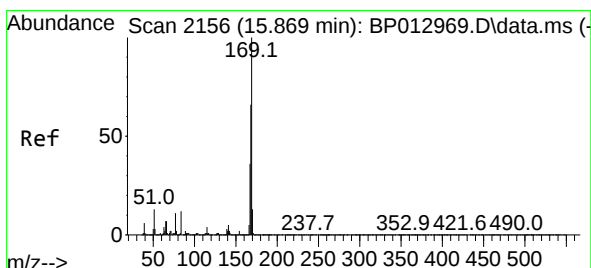
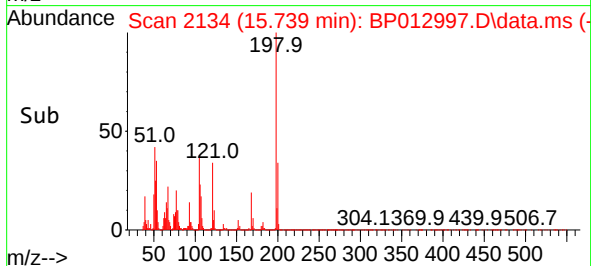
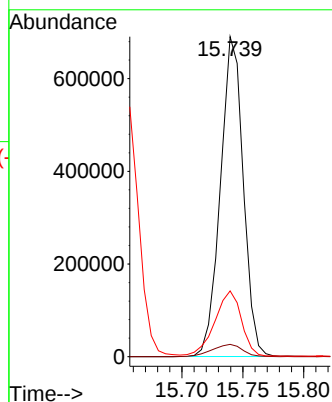
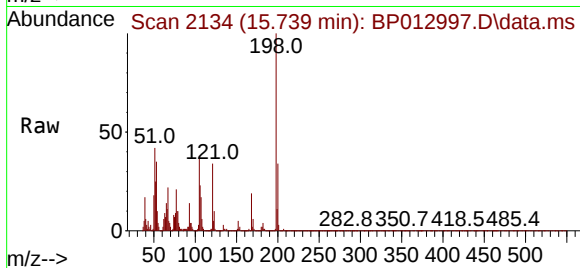




#66
4,6-Dinitro-2-methylphenol
Concen: 36.304 ng/ul
RT: 15.739 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

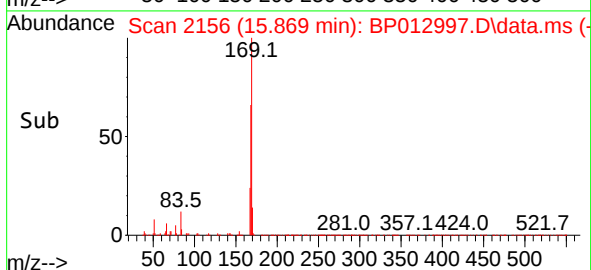
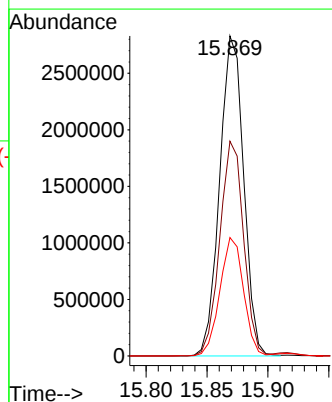
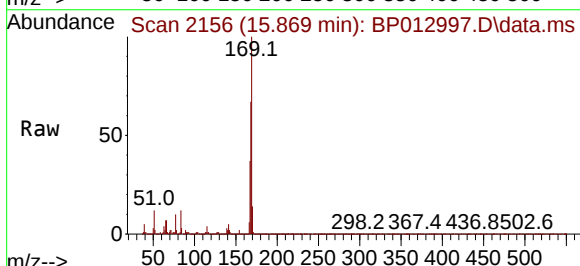
Instrument :
BNA_P
ClientSampleId :

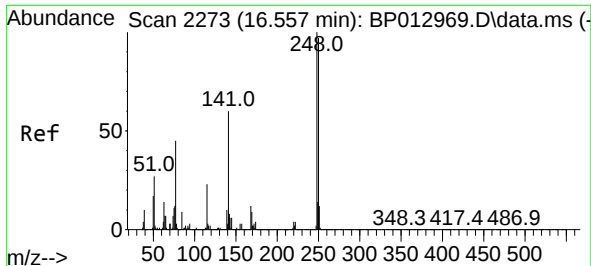
Tgt Ion:198 Resp: 902323
Ion Ratio Lower Upper
198 100
182 3.9 3.3 4.9
77 20.5 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 35.419 ng/ul
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:169 Resp: 3881001
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 37.0 29.1 43.7

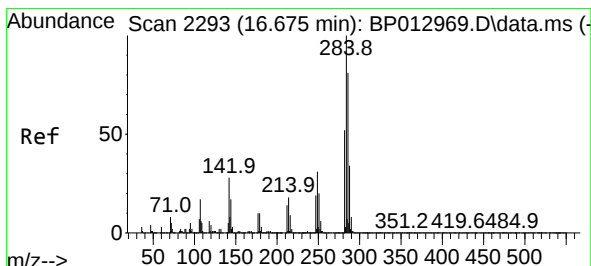
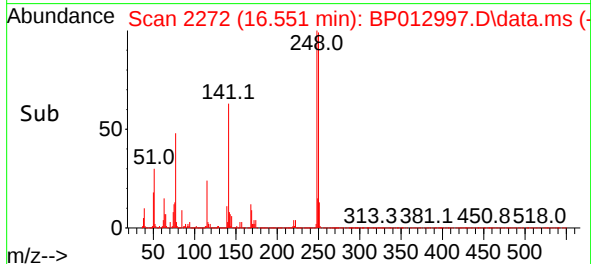
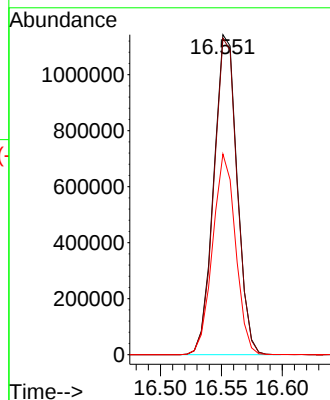
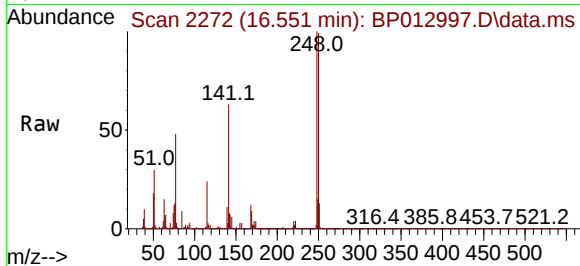




#68
4-Bromophenyl-phenylether
Concen: 35.532 ng/ul
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

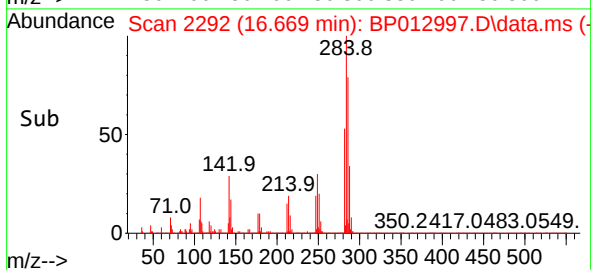
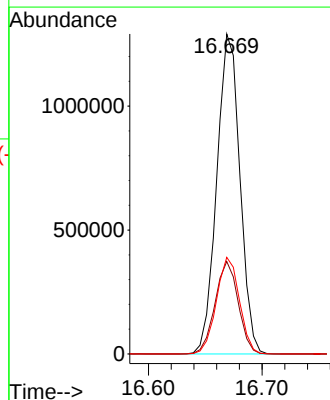
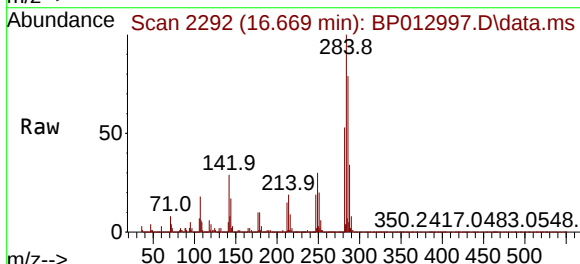
Instrument :
BNA_P
ClientSampleId :

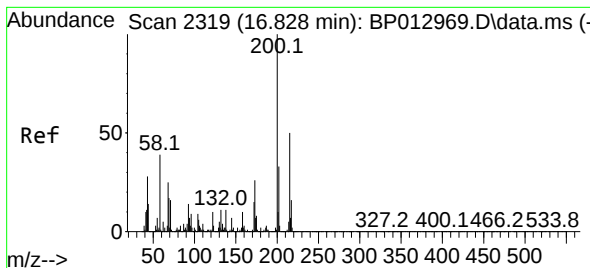
Tgt Ion:248 Resp: 1525070
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.0
141 62.7 48.3 72.5



#69
Hexachlorobenzene
Concen: 35.901 ng/ul
RT: 16.669 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:284 Resp: 1829652
Ion Ratio Lower Upper
284 100
142 28.9 22.6 34.0
249 30.2 24.6 37.0





#70

Atrazine

Concen: 30.329 ng/ul

RT: 16.828 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

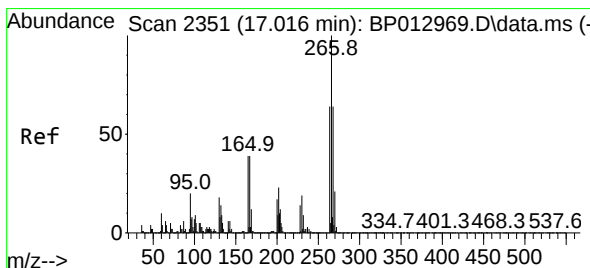
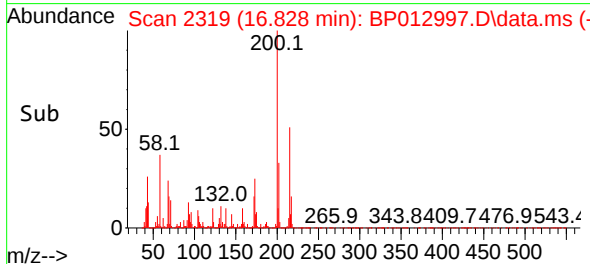
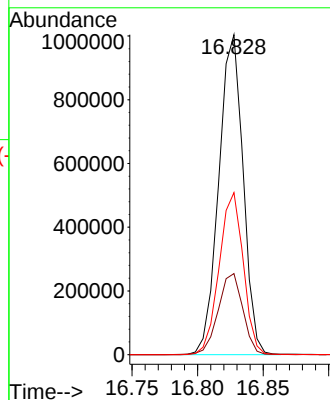
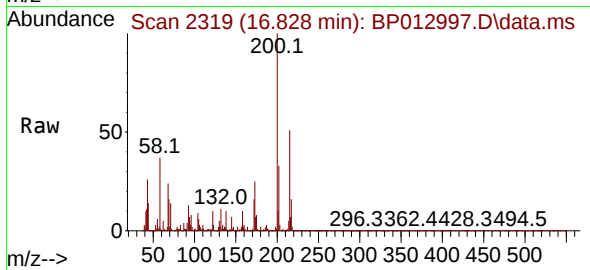
Tgt Ion:200 Resp: 1295060

Ion Ratio Lower Upper

200 100

173 25.3 20.5 30.7

215 50.6 39.9 59.9



#71

Pentachlorophenol

Concen: 34.853 ng/ul

RT: 17.016 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

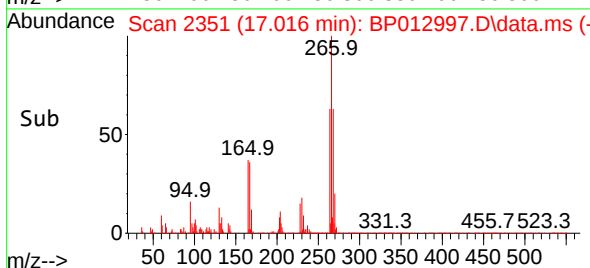
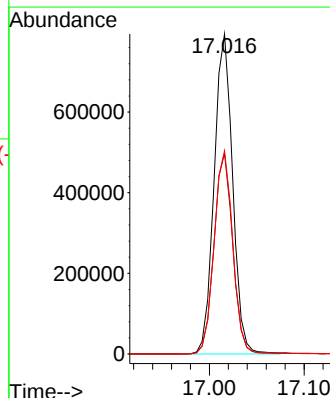
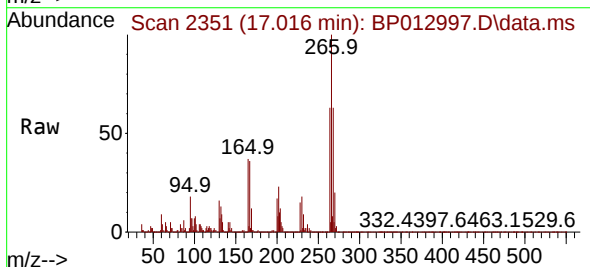
Tgt Ion:266 Resp: 1075688

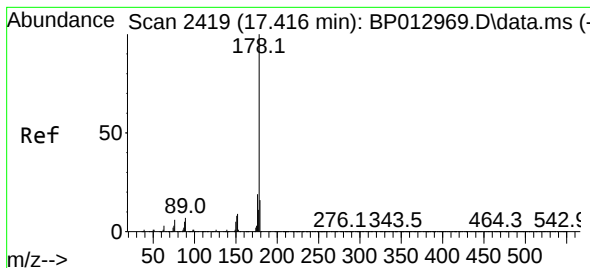
Ion Ratio Lower Upper

266 100

264 62.7 50.9 76.3

268 63.5 51.4 77.2





#72

Phenanthrene

Concen: 35.176 ng/ul

RT: 17.416 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

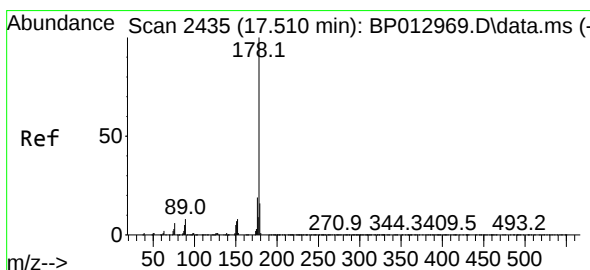
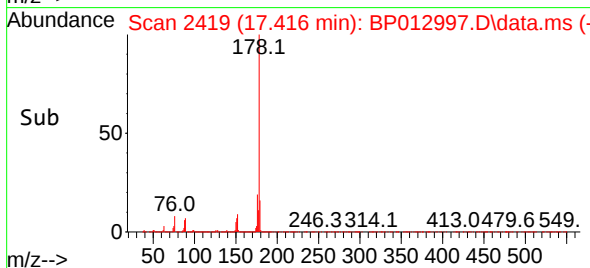
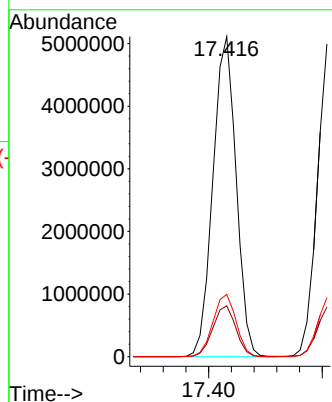
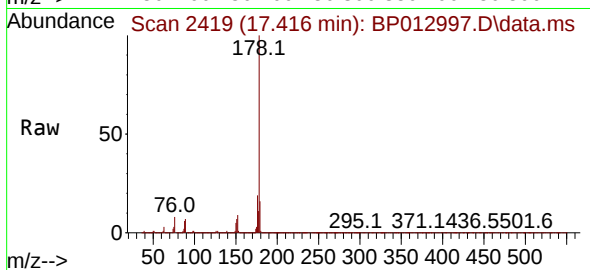
Tgt Ion:178 Resp: 7241321

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.5 15.4 23.0



#74

Anthracene

Concen: 34.971 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

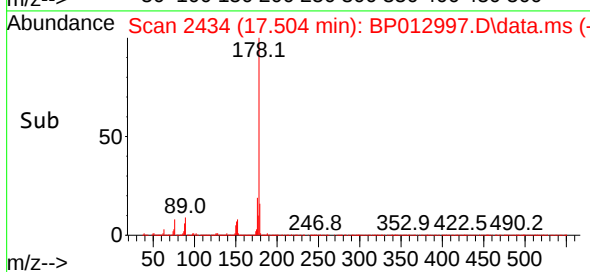
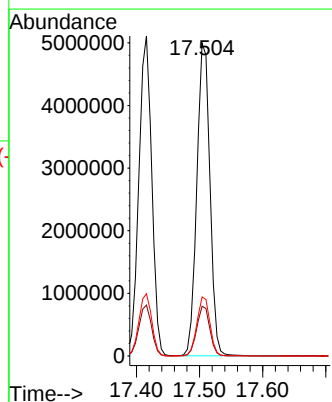
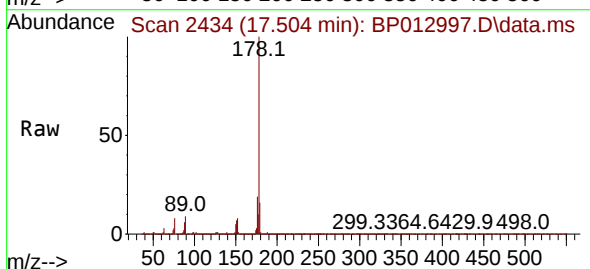
Tgt Ion:178 Resp: 7188194

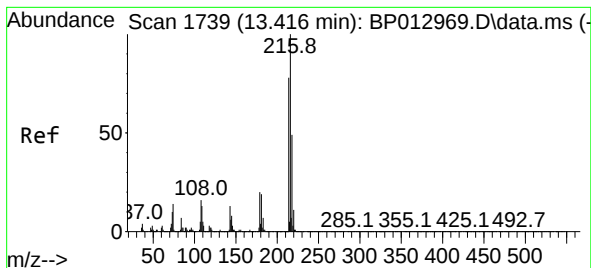
Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 18.9 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.791 ng/uL

RT: 13.416 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

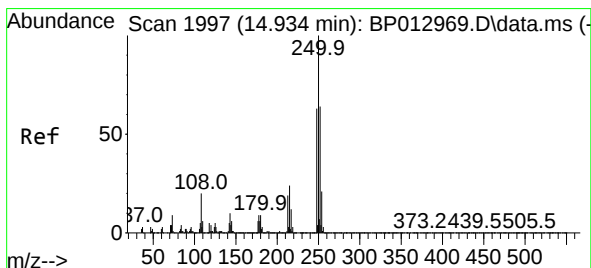
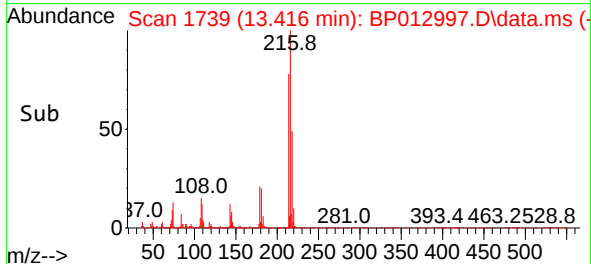
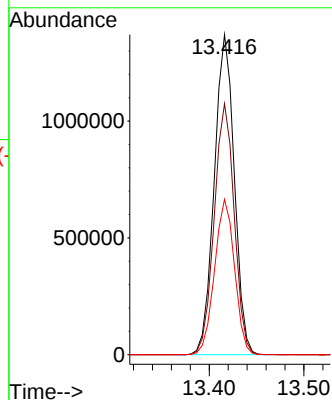
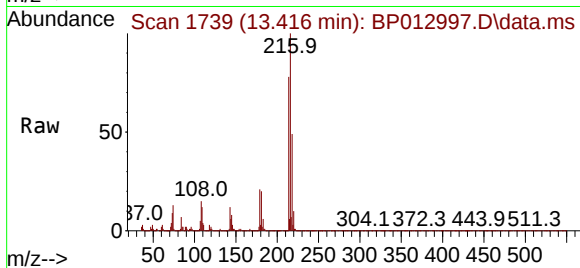
Tgt Ion:216 Resp: 2018206

Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.2

218 48.6 38.9 58.3



#76

Pentachlorobenzene

Concen: 34.845 ng/uL

RT: 14.934 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

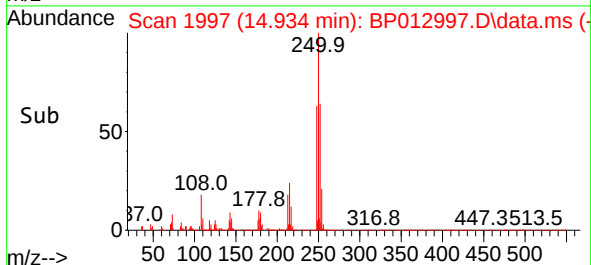
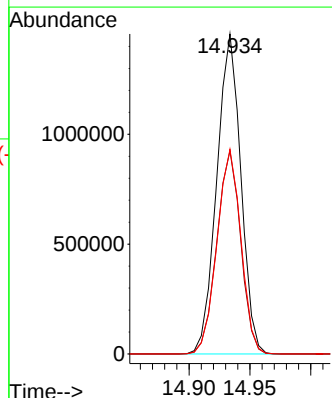
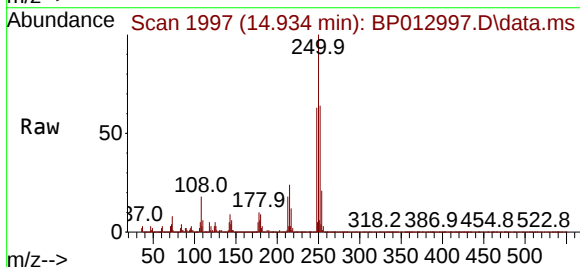
Tgt Ion:250 Resp: 2003260

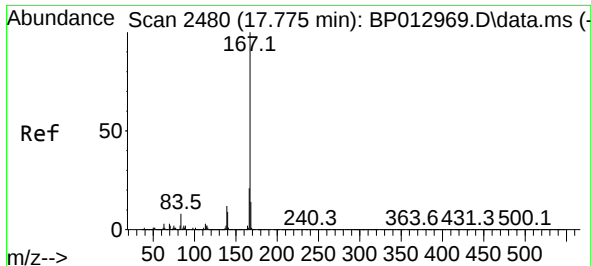
Ion Ratio Lower Upper

250 100

248 63.4 50.6 76.0

252 63.9 51.1 76.7



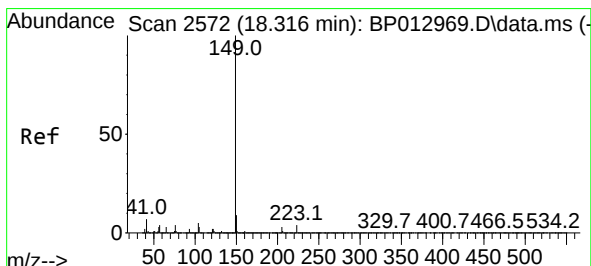
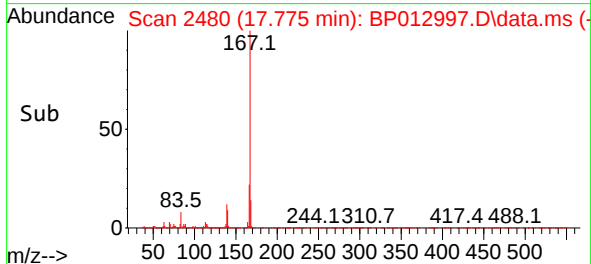
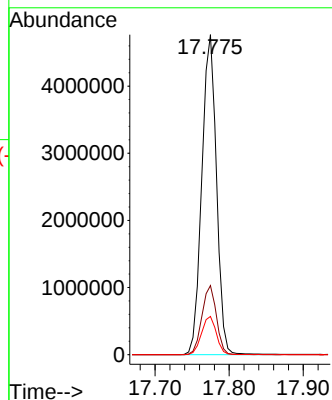
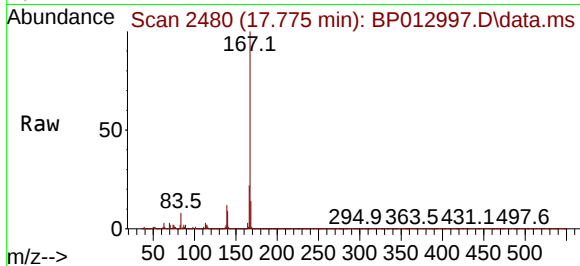


#77
 Carbazole
 Concen: 37.787 ng/ul
 RT: 17.775 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BP012997.D
 Acq: 08 Dec 2022 22:14

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:167 Resp: 6541284

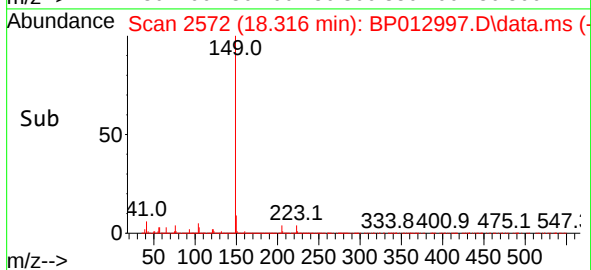
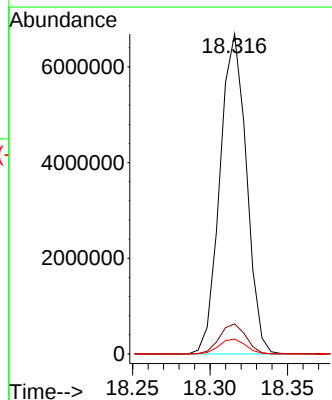
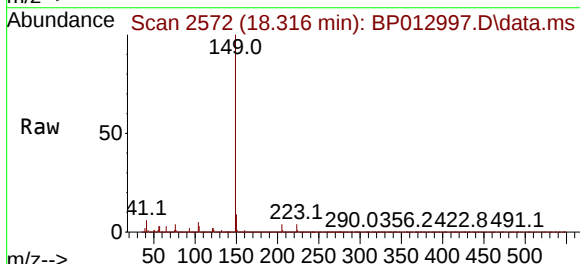
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.0	9.4	14.2

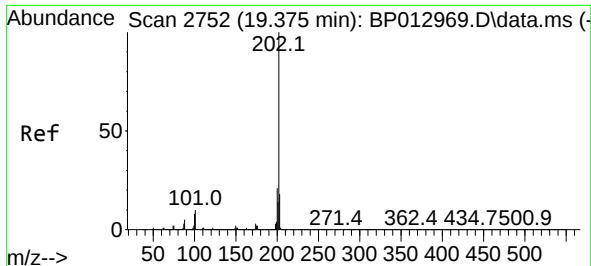


#78
 Di-n-butylphthalate
 Concen: 37.760 ng/ul
 RT: 18.316 min Scan# 2572
 Delta R.T. 0.000 min
 Lab File: BP012997.D
 Acq: 08 Dec 2022 22:14

Tgt Ion:149 Resp: 7958633

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.6	3.8	5.6

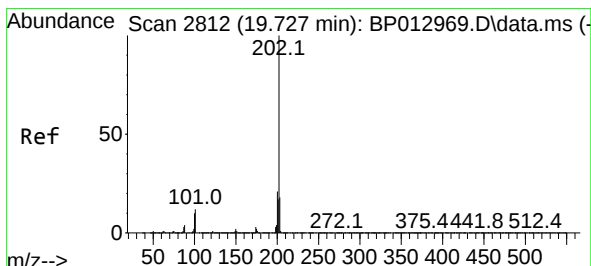
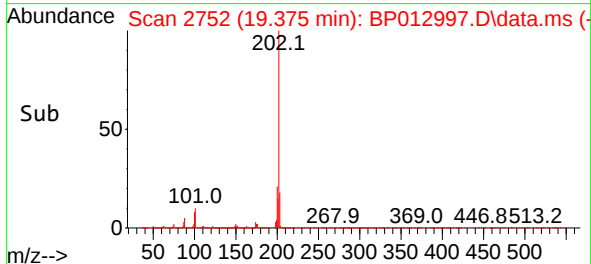
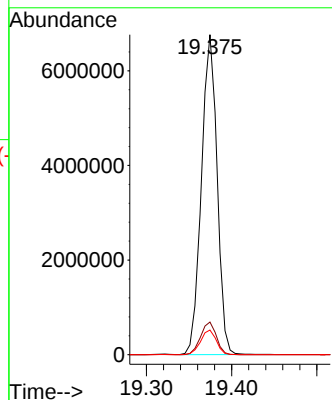
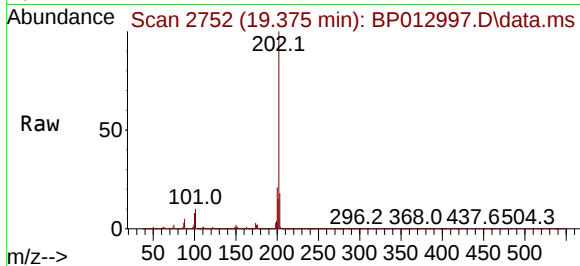




#80
Fluoranthene
Concen: 37.675 ng/u1
RT: 19.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

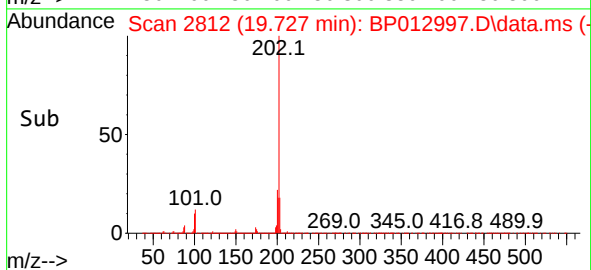
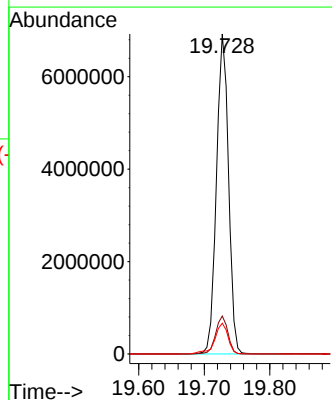
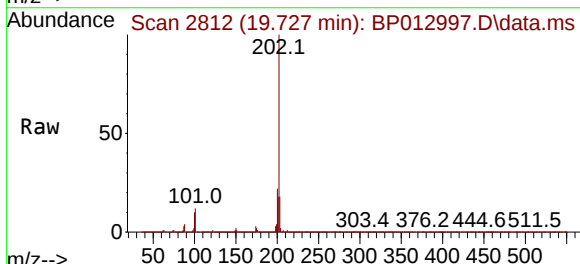
Instrument :
BNA_P
ClientSampleId :

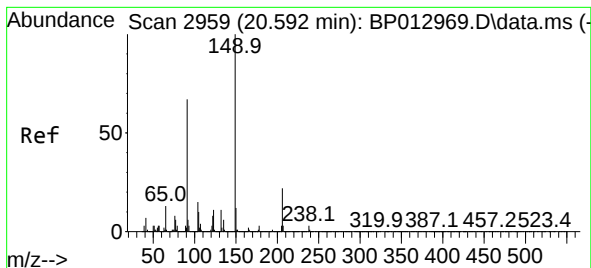
Tgt Ion:202 Resp: 8639148
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.7 6.1 9.1



#82
Pyrene
Concen: 37.238 ng/u1
RT: 19.727 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:202 Resp: 8808454
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.6 7.8 11.8





#83

Butylbenzylphthalate

Concen: 37.806 ng/ul

RT: 20.592 min Scan# 2959

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

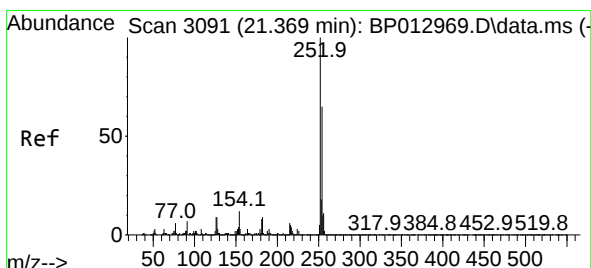
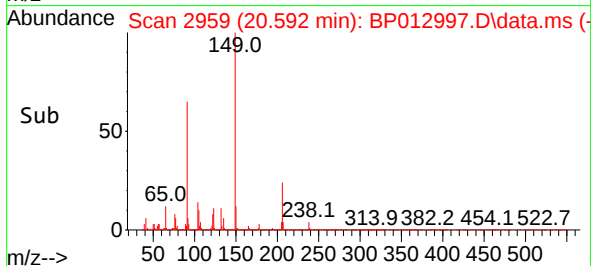
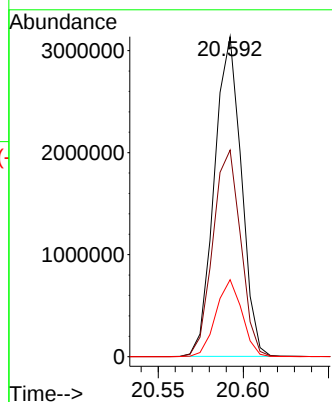
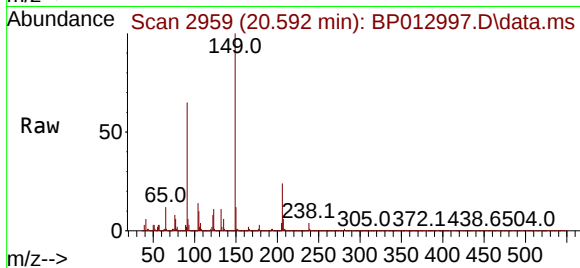
Tgt Ion:149 Resp: 3454774

Ion Ratio Lower Upper

149 100

91 64.5 53.4 80.0

206 24.1 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 35.927 ng/ul

RT: 21.369 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

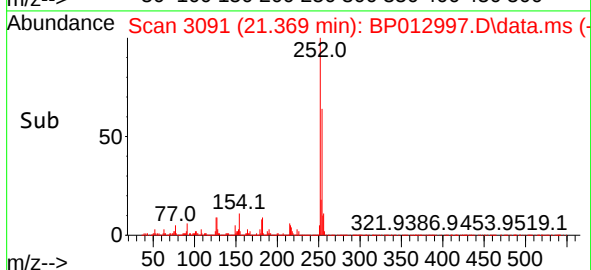
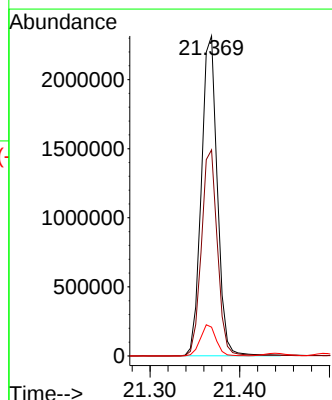
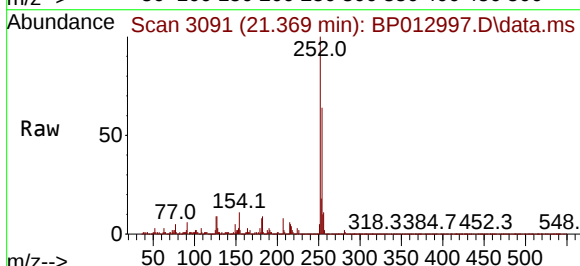
Tgt Ion:252 Resp: 2856748

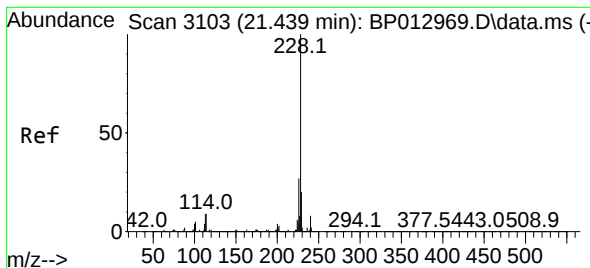
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 9.0 7.4 11.2





#85

Benzo(a)anthracene

Concen: 36.544 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

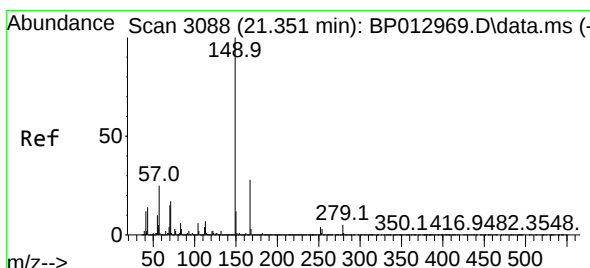
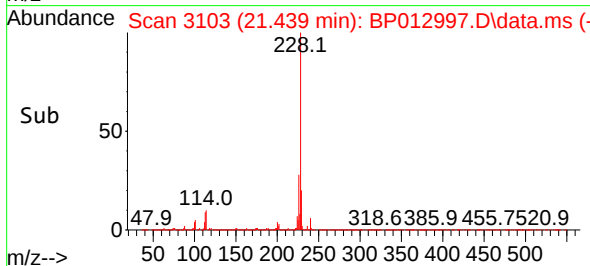
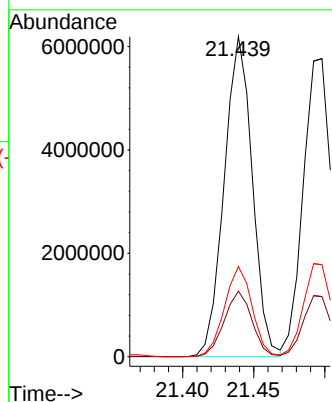
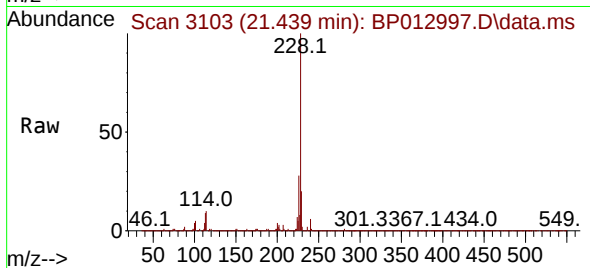
Tgt Ion:228 Resp: 8539099

Ion Ratio Lower Upper

228 100

229 20.5 16.1 24.1

226 28.1 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.329 ng/ul

RT: 21.351 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

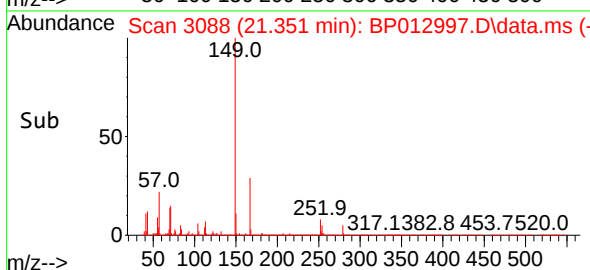
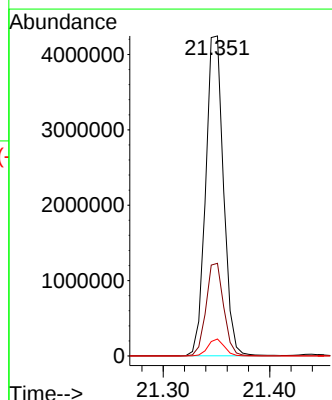
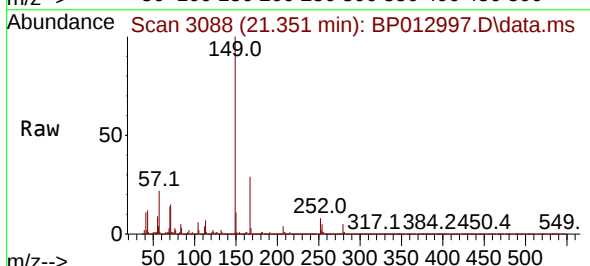
Tgt Ion:149 Resp: 4940838

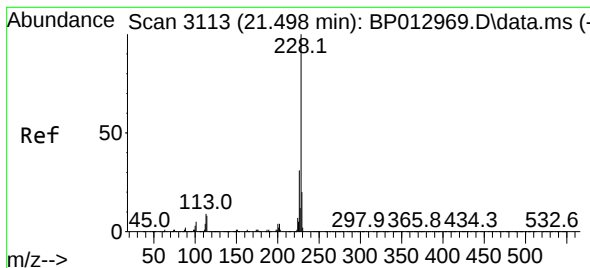
Ion Ratio Lower Upper

149 100

167 28.9 22.5 33.7

279 5.3 3.8 5.8





#87

Chrysene

Concen: 36.275 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

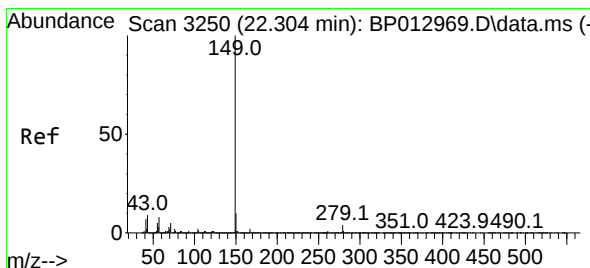
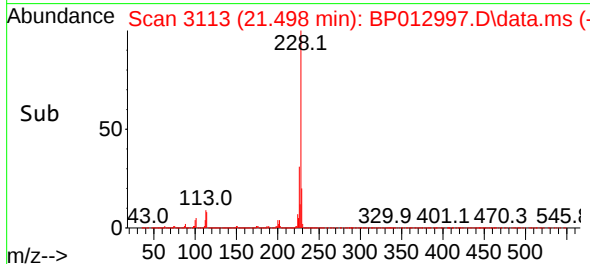
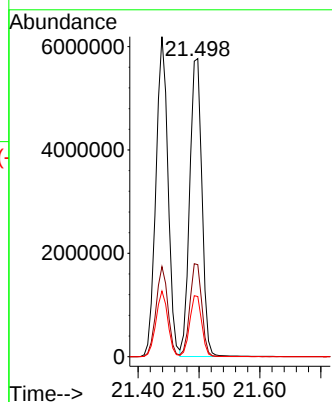
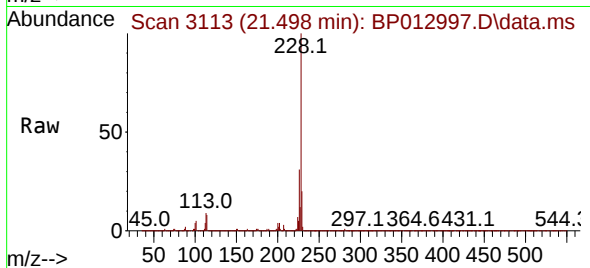
Tgt Ion:228 Resp: 8015723

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.2 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 42.947 ng/ul

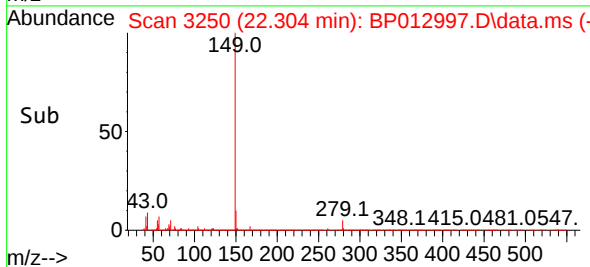
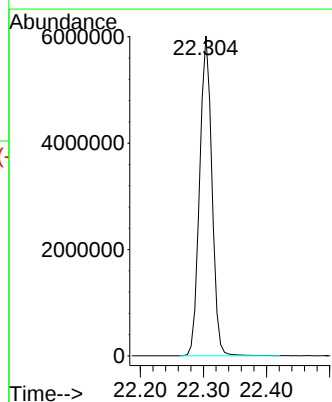
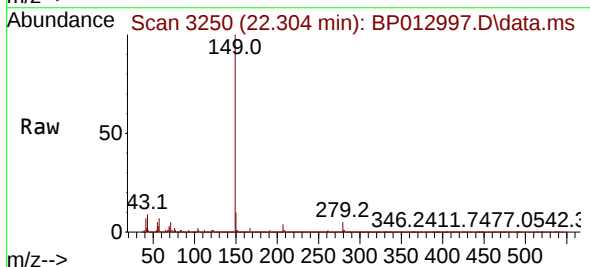
RT: 22.304 min Scan# 3250

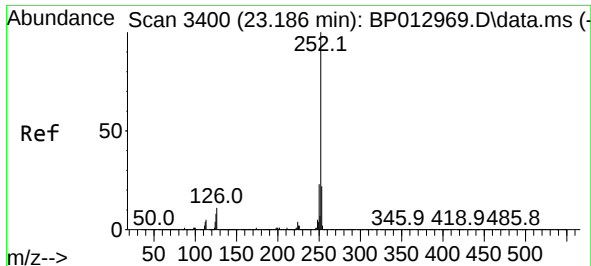
Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Tgt Ion:149 Resp: 8117053

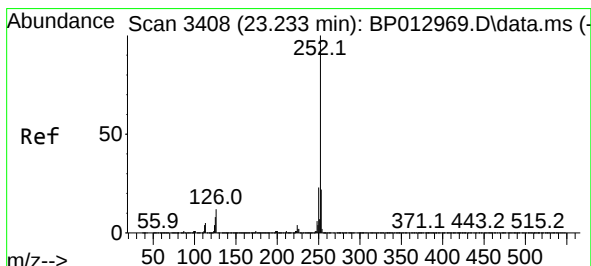
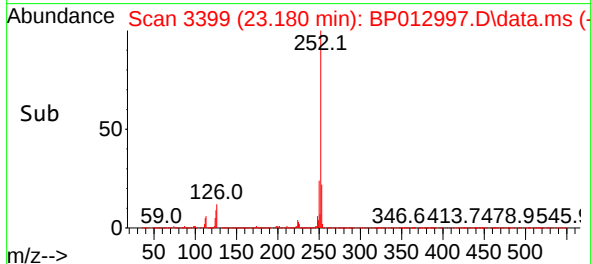
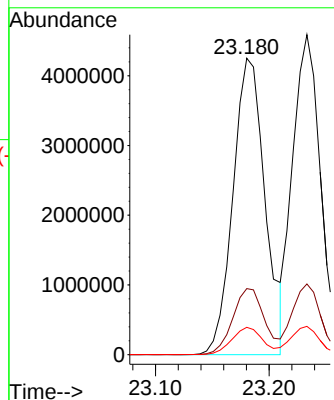
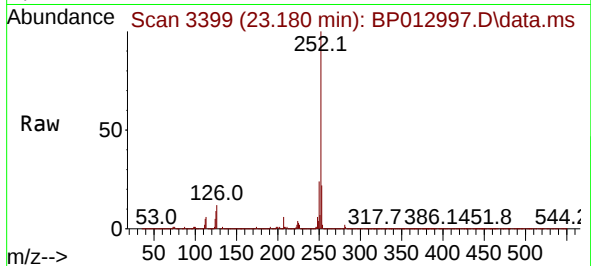




#90
Benzo(b)fluoranthene
Concen: 38.700 ng/ul
RT: 23.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

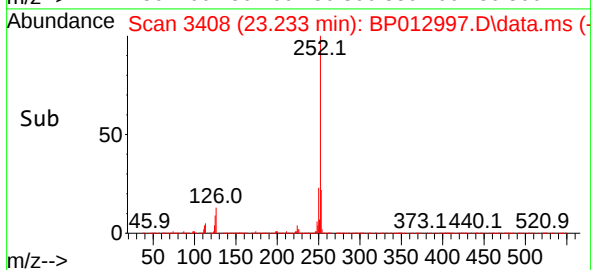
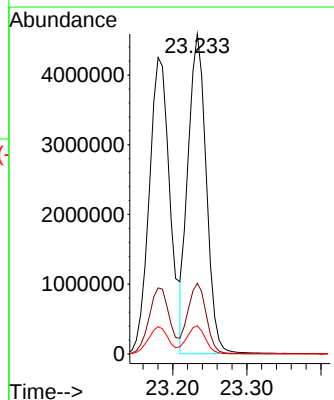
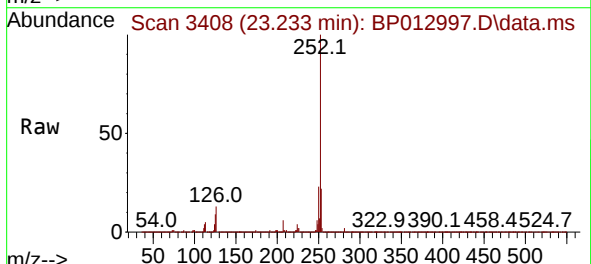
Instrument :
BNA_P
ClientSampleId :

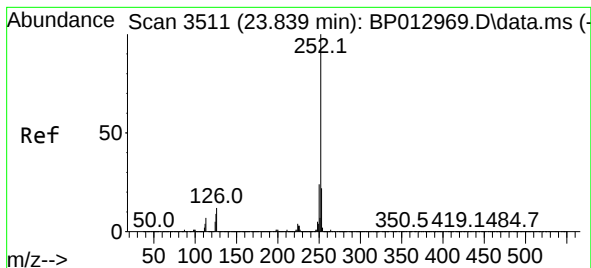
Tgt Ion:252 Resp: 8325329
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.3 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 36.752 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP012997.D
Acq: 08 Dec 2022 22:14

Tgt Ion:252 Resp: 7839912
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.9 6.8 10.2





#93

Benzo(a)pyrene

Concen: 36.885 ng/ul

RT: 23.839 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

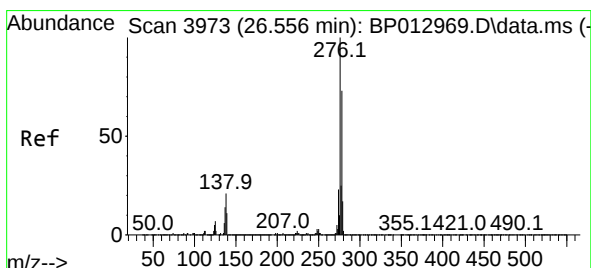
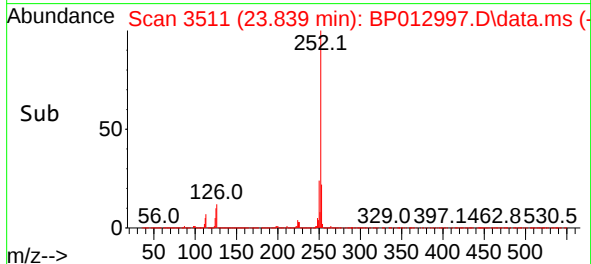
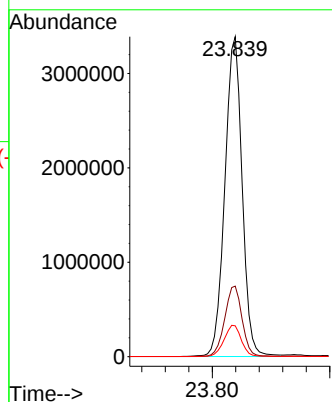
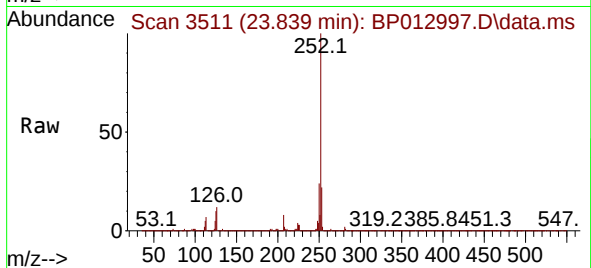
Tgt Ion:252 Resp: 6909116

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.6 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.801 ng/ul

RT: 26.551 min Scan# 3972

Delta R.T. -0.006 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

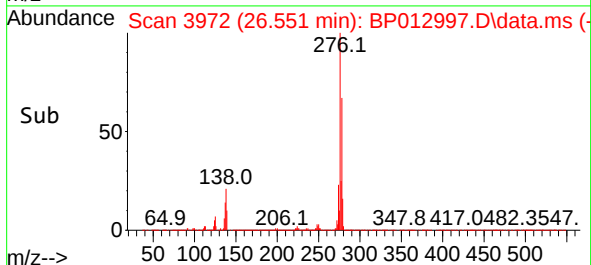
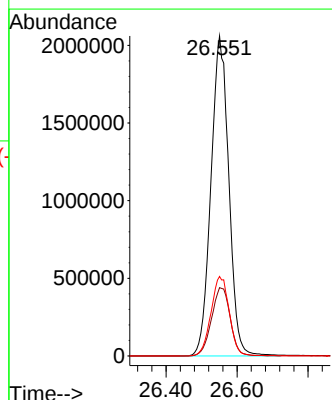
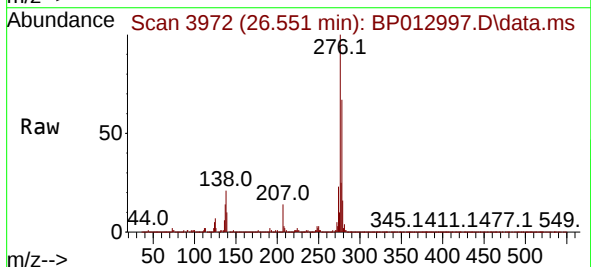
Tgt Ion:276 Resp: 7186737

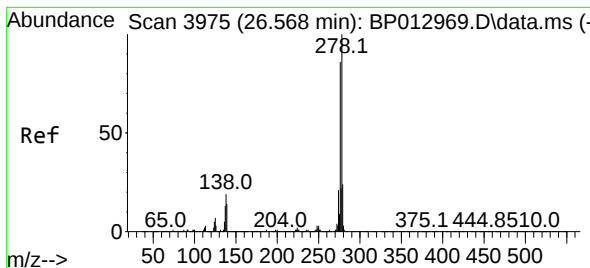
Ion Ratio Lower Upper

276 100

138 21.4 17.1 25.7

277 24.8 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 32.990 ng/ul

RT: 26.568 min Scan# 3975

Delta R.T. 0.000 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Instrument :

BNA_P

ClientSampleId :

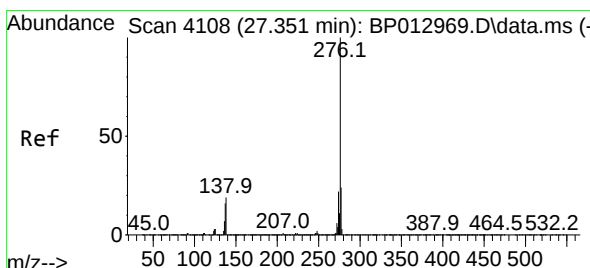
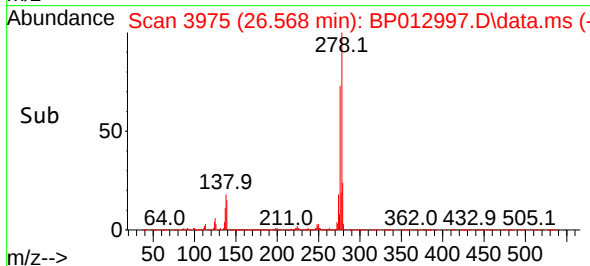
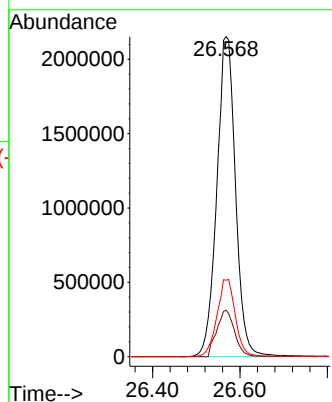
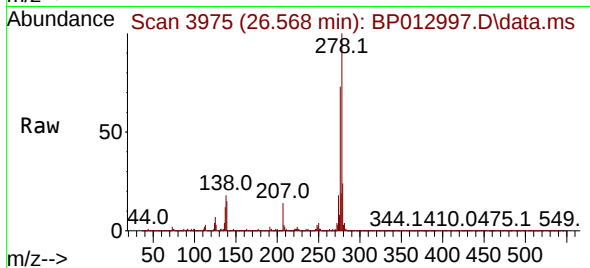
Tgt Ion:278 Resp: 6373139

Ion Ratio Lower Upper

278 100

139 14.5 11.1 16.7

279 23.9 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 31.742 ng/ul

RT: 27.357 min Scan# 4109

Delta R.T. 0.006 min

Lab File: BP012997.D

Acq: 08 Dec 2022 22:14

Tgt Ion:276 Resp: 5945724

Ion Ratio Lower Upper

276 100

138 19.2 15.4 23.2

277 24.1 19.1 28.7

