

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011970.D
 Acq On : 06 Oct 2022 15:05
 Operator : CG/JU
 Sample : PB148127BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 06 23:05:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 05 23:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	223860	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	911363	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	534519	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1111488	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1150293	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	1197143	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	33578	6.615	ng/uL	0.00
4) Pyridine-d5	3.717	84	426028	28.654	ng/u1	0.00
7) Phenol-d5	7.046	99	593409	30.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	326607	30.489	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	494385	32.406	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	458788	28.718	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	231776	33.389	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	250298	33.702	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	454532	33.088	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	585877	27.975	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	1190625	31.149	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1451767	33.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	256590	32.417	ng/u1	0.00
60) Fluorene-d10	15.522	176	1071042	32.265	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	212809	31.633	ng/u1	0.00
73) Anthracene-d10	17.386	188	1690390	33.387	ng/u1	0.00
81) Pyrene-d10	19.616	212	2010454	34.511	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	2117964	35.342	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	66714	12.169	ng/uL	97
5) Pyridine	3.740	79	419315	29.058	ng/u1	97
6) Benzaldehyde	7.022	77	346900	40.977	ng/u1	99
8) Phenol	7.069	94	571449	28.509	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.305	93	446831	28.015	ng/u1	99
12) 2-Chlorophenol	7.440	128	489853	30.034	ng/u1	99
13) 2-Methylphenol	8.328	108	431574	27.328	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	428646	27.261	ng/u1	99
16) Acetophenone	8.710	105	653704	26.838	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.693	70	293564	25.607	ng/u1	98
18) 4-Methylphenol	8.657	108	464620	26.702	ng/u1	100
19) Hexachloroethane	8.963	117	189881	31.215	ng/u1	99
22) Nitrobenzene	9.087	77	469343	31.437	ng/u1	97
23) Isophorone	9.622	82	845124	27.905	ng/u1	100
25) 2-Nitrophenol	9.804	139	259774	30.625	ng/u1	98
26) 2,4-Dimethylphenol	9.863	107	460487	28.898	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.104	93	567756	29.057	ng/u1	99
29) 2,4-Dichlorophenol	10.334	162	434628	30.535	ng/u1	100
30) Naphthalene	10.740	128	1481312	30.262	ng/u1	99
32) 4-Chloroaniline	10.851	127	580871	27.111	ng/u1	98
33) Hexachlorobutadiene	11.022	225	261652	31.056	ng/u1	98
34) Caprolactam	11.646	113	129478	25.702	ng/u1	92
35) 4-Chloro-3-methylphenol	11.981	107	420407	27.856	ng/u1	100
36) 2-Methylnaphthalene	12.351	142	960267	28.090	ng/u1	100

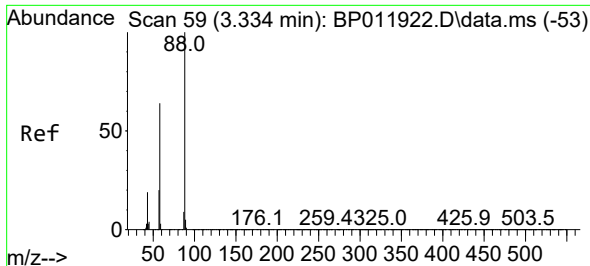
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	962512	28.060	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.716	216	493975	31.867	ng/ul	100
40) Hexachlorocyclopentadiene	12.693	237	232491	26.254	ng/ul	100
41) 2,4,6-Trichlorophenol	12.957	196	327515	31.563	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	355568	31.458	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1228769	31.080	ng/ul	100
44) 2-Chloronaphthalene	13.398	162	984801	31.506	ng/ul	99
45) 2-Nitroaniline	13.610	65	240233	31.485	ng/ul	97
47) Dimethylphthalate	13.987	163	1166932	29.131	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	237011	30.359	ng/ul	99
50) Acenaphthylene	14.251	152	1515018	31.305	ng/ul	99
51) 3-Nitroaniline	14.440	138	271354	29.988	ng/ul	97
52) Acenaphthene	14.592	153	1048706	30.714	ng/ul	100
53) 2,4-Dinitrophenol	14.639	184	137987	26.070	ng/ul	97
55) 4-Nitrophenol	14.745	109	165055	30.890	ng/ul	99
56) Dibenzofuran	14.928	168	1433326	30.649	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	350141	30.683	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	300665	30.620	ng/ul	99
59) Diethylphthalate	15.351	149	1157565	28.844	ng/ul	100
61) Fluorene	15.581	166	1166479	30.454	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	558662	29.462	ng/ul	99
63) 4-Nitroaniline	15.604	138	298172	34.531	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	210064	29.474	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	998280	30.446	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	339020	29.987	ng/ul	98
69) Hexachlorobenzene	16.581	284	394644	30.675	ng/ul	98
70) Atrazine	16.751	200	358123	30.271	ng/ul	99
71) Pentachlorophenol	16.933	266	256053	30.260	ng/ul	99
72) Phenanthrene	17.328	178	1903179	31.157	ng/ul	99
74) Anthracene	17.422	178	1915699	31.170	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	511787	33.359	ng/ul	99
76) Pentachlorobenzene	14.845	250	472953	28.850	ng/ul	98
77) Carbazole	17.692	167	1826200	32.887	ng/ul	100
78) Di-n-butylphthalate	18.239	149	2046523	30.095	ng/ul	100
80) Fluoranthene	19.292	202	2291733	32.145	ng/ul	100
82) Pyrene	19.645	202	2411103	32.482	ng/ul	100
83) Butylbenzylphthalate	20.522	149	996665	31.067	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.292	252	855137	32.292	ng/ul	99
85) Benzo(a)anthracene	21.357	228	2412294	32.069	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1459488	30.202	ng/ul	99
87) Chrysene	21.410	228	2274071	32.213	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	2524575	33.054	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2597652	33.996	ng/ul	100
91) Benzo(k)fluoranthene	23.110	252	2387263	32.444	ng/ul	99
93) Benzo(a)pyrene	23.698	252	2239485	32.842	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.333	276	2917655	33.616	ng/ul	99
95) Dibenzo(a,h)anthracene	26.357	278	2491620	32.316	ng/ul	99
96) Benzo(g,h,i)perylene	27.115	276	2435076	31.646	ng/ul	99

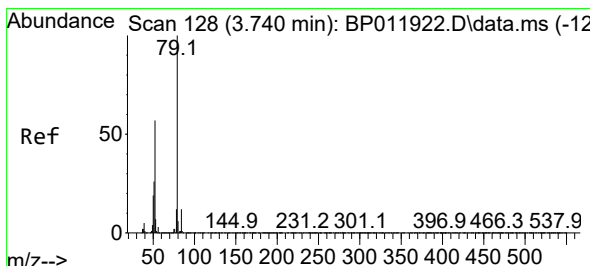
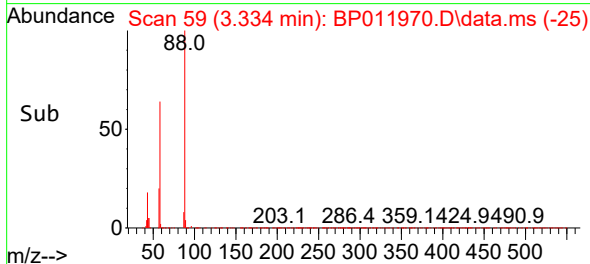
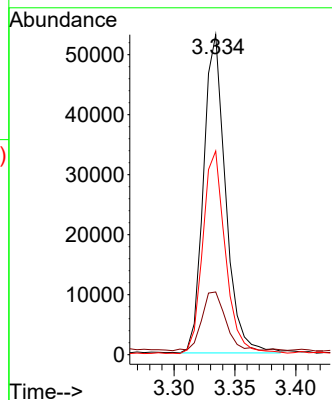
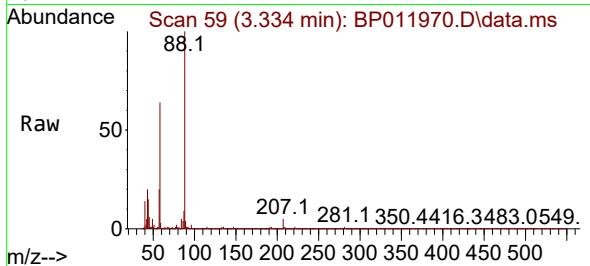
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#2
 1,4-Dioxane
 Concen: 12.169 ng/uL
 RT: 3.334 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: BP011970.D
 Acq: 06 Oct 2022 15:05

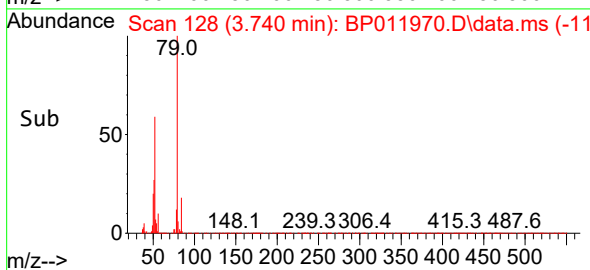
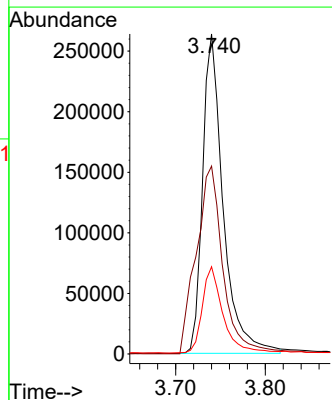
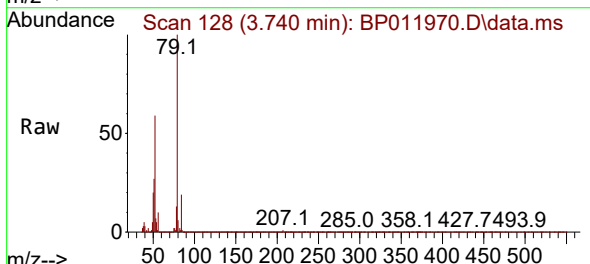
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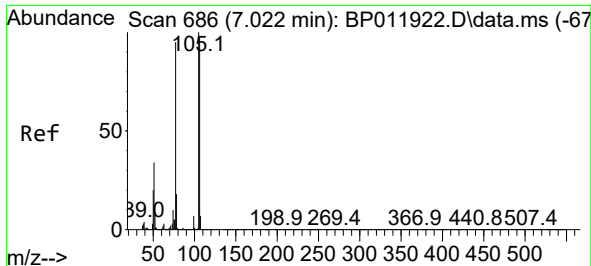
Tgt Ion: 88 Resp: 66714
 Ion Ratio Lower Upper
 88 100
 43 19.6 15.6 23.4
 58 63.6 48.6 72.8



#5
 Pyridine
 Concen: 29.058 ng/uL
 RT: 3.740 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: BP011970.D
 Acq: 06 Oct 2022 15:05

Tgt Ion: 79 Resp: 419315
 Ion Ratio Lower Upper
 79 100
 52 58.7 49.7 74.5
 51 27.3 21.6 32.4

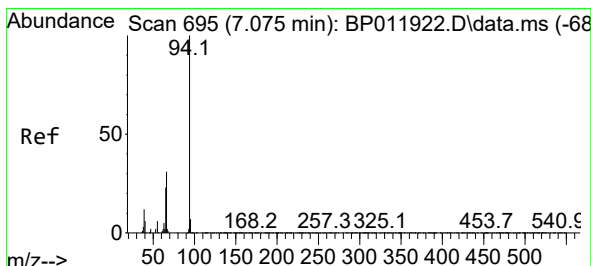
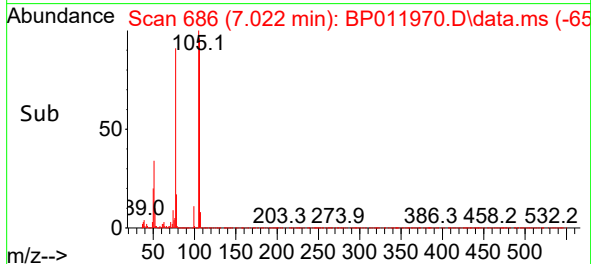
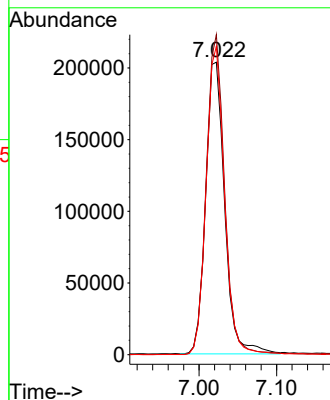
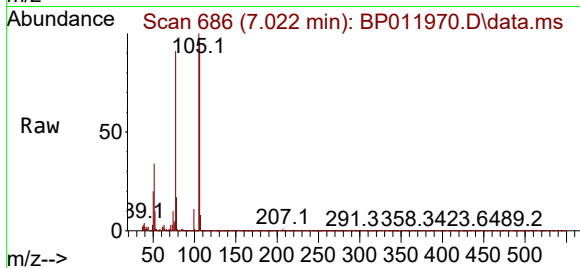




#6
Benzaldehyde
Concen: 40.977 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

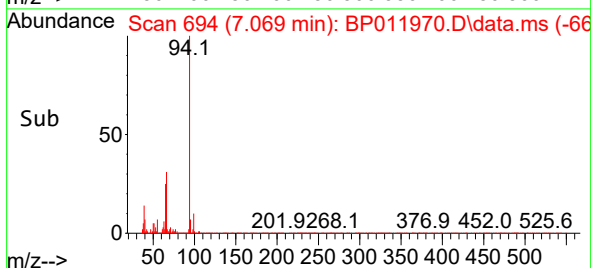
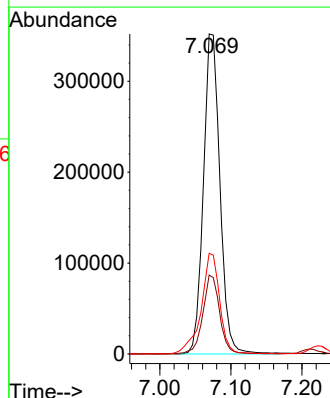
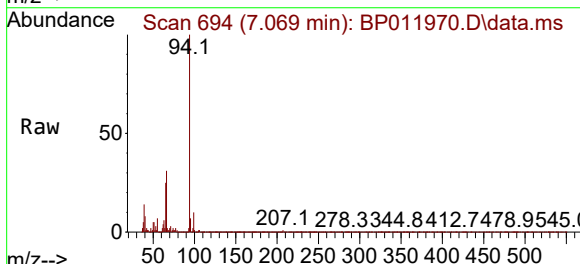
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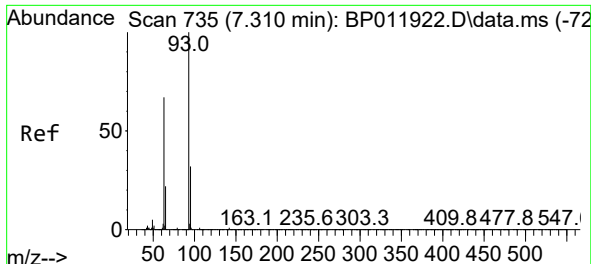
Tgt Ion: 77 Resp: 346900
Ion Ratio Lower Upper
77 100
105 109.4 87.0 130.6
106 105.4 83.8 125.6



#8
Phenol
Concen: 28.509 ng/ul
RT: 7.069 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion: 94 Resp: 571449
Ion Ratio Lower Upper
94 100
65 24.7 19.5 29.3
66 31.4 25.0 37.4

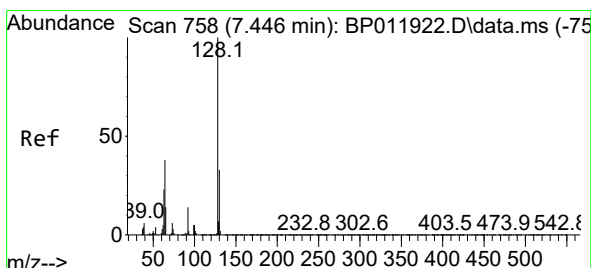
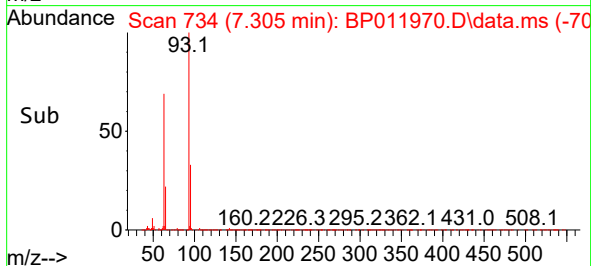
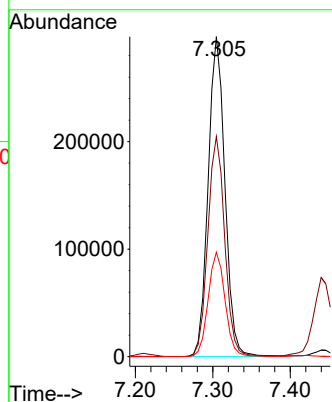
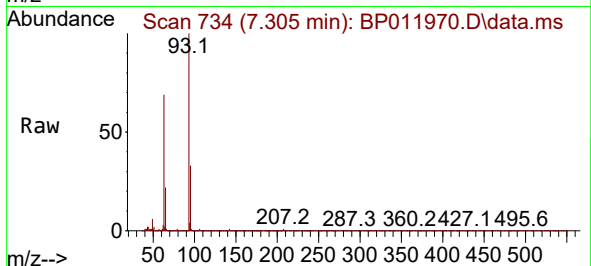




#10
Bis(2-Chloroethyl)ether
Concen: 28.015 ng/ul
RT: 7.305 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

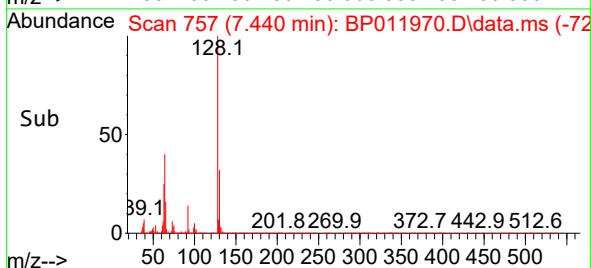
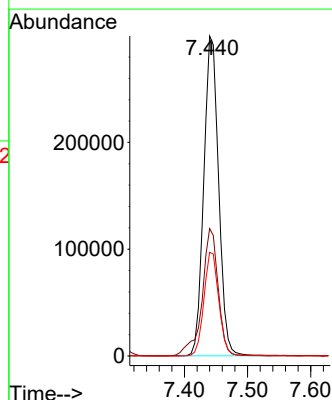
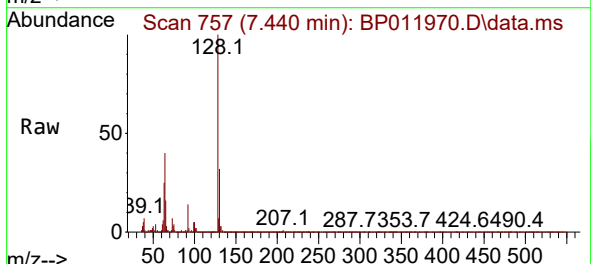
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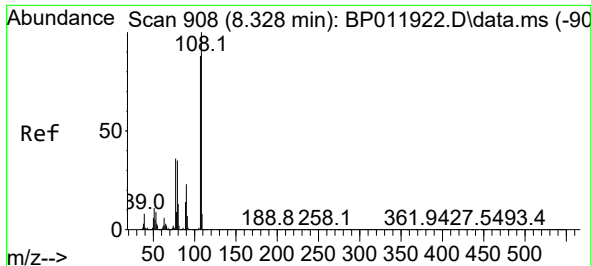
Tgt Ion: 93 Resp: 446831
Ion Ratio Lower Upper
93 100
63 68.8 56.2 84.4
95 32.6 25.9 38.9



#12
2-Chlorophenol
Concen: 30.034 ng/ul
RT: 7.440 min Scan# 757
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:128 Resp: 489853
Ion Ratio Lower Upper
128 100
64 39.8 31.1 46.7
130 32.4 25.5 38.3

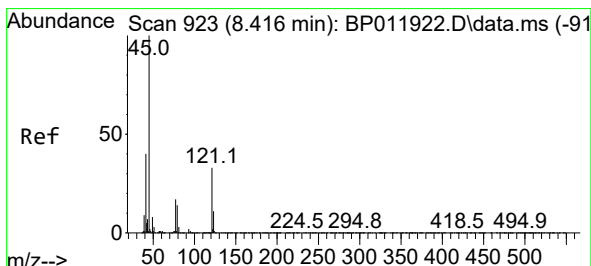
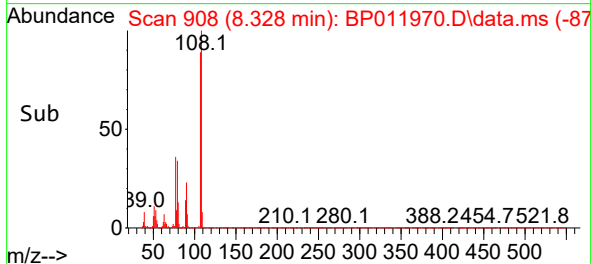
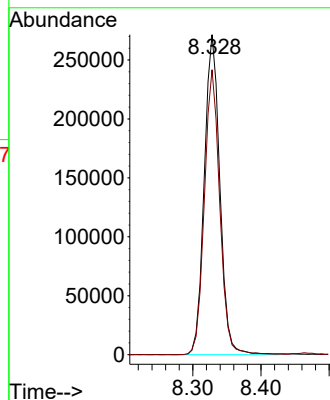
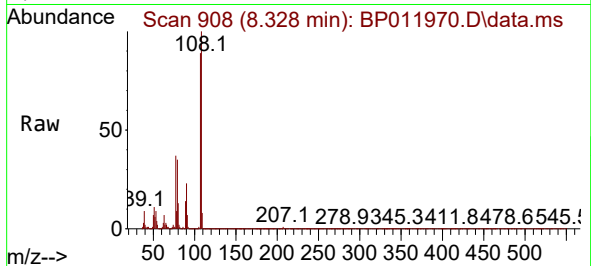




#13
2-Methylphenol
Concen: 27.328 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

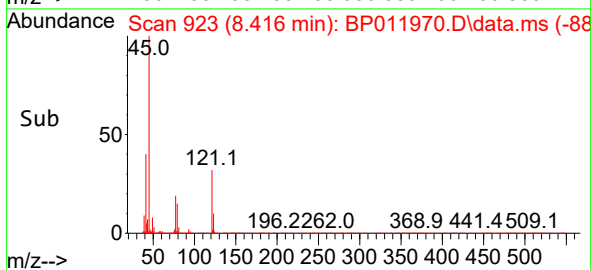
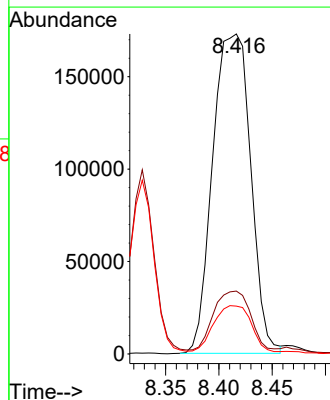
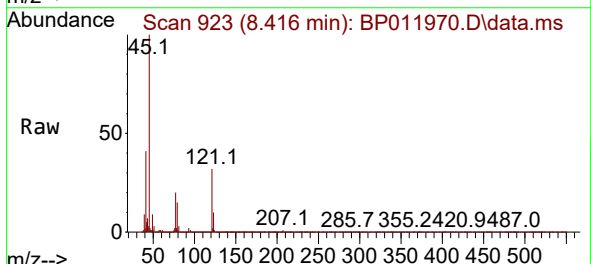
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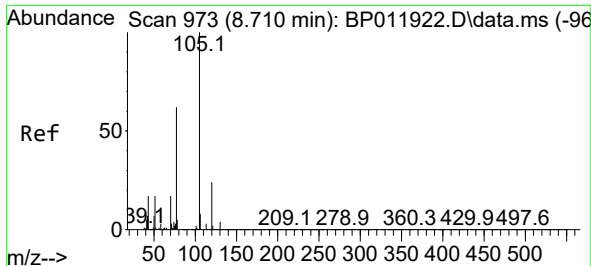
Tgt Ion:108 Resp: 431574
Ion Ratio Lower Upper
108 100
107 89.0 70.2 105.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.261 ng/ul
RT: 8.416 min Scan# 923
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion: 45 Resp: 428646
Ion Ratio Lower Upper
45 100
77 19.7 16.0 24.0
79 14.9 12.5 18.7

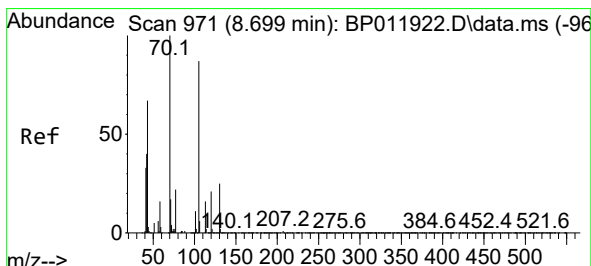
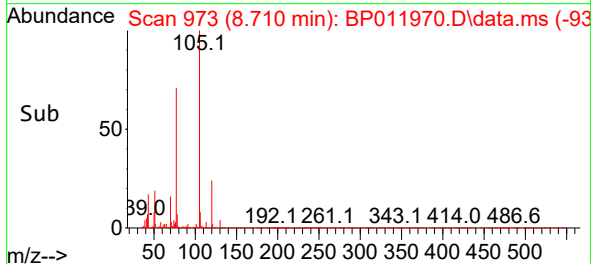
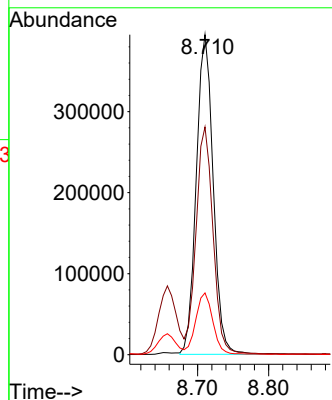
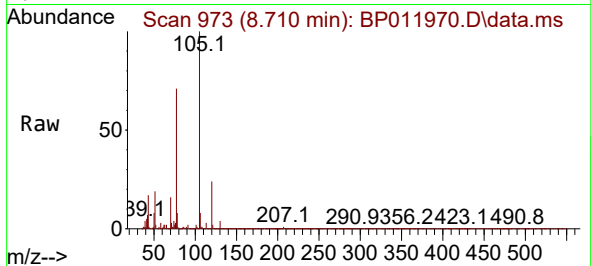




#16
Acetophenone
Concen: 26.838 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

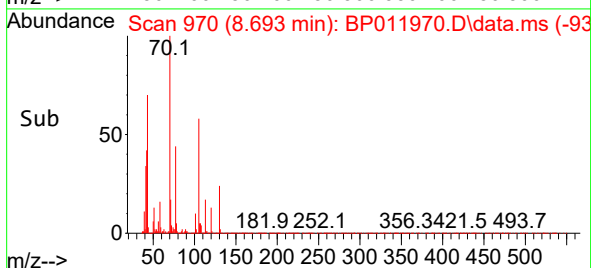
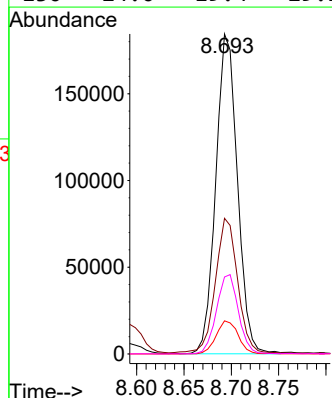
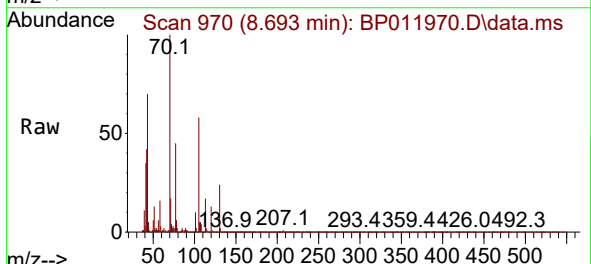
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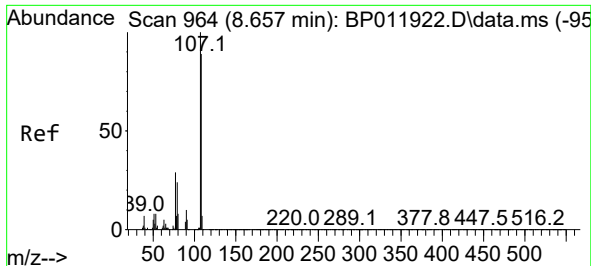
Tgt Ion:105 Resp: 653704
Ion Ratio Lower Upper
105 100
77 71.2 55.4 83.0
51 19.3 15.2 22.8



#17
N-Nitroso-di-n-propylamine
Concen: 25.607 ng/ul
RT: 8.693 min Scan# 970
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion: 70 Resp: 293564
Ion Ratio Lower Upper
70 100
42 42.4 32.7 49.1
101 10.3 8.4 12.6
130 24.0 19.4 29.2

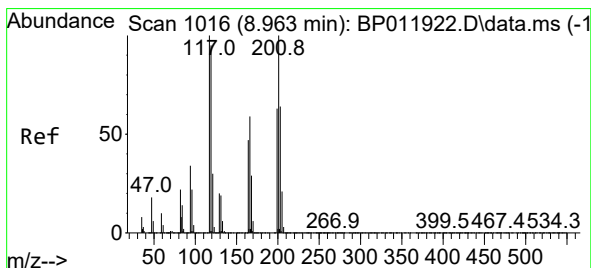
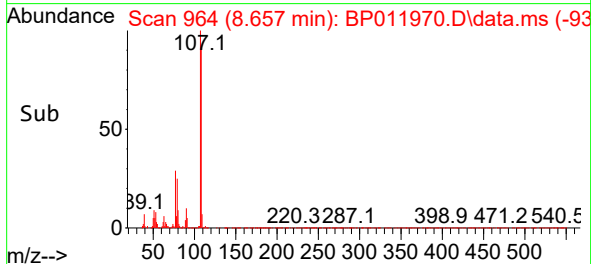
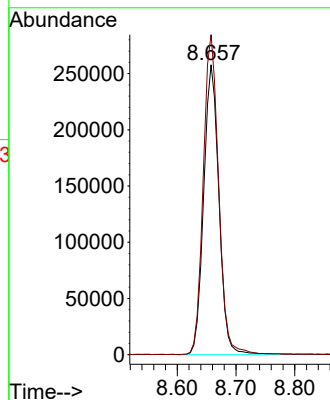
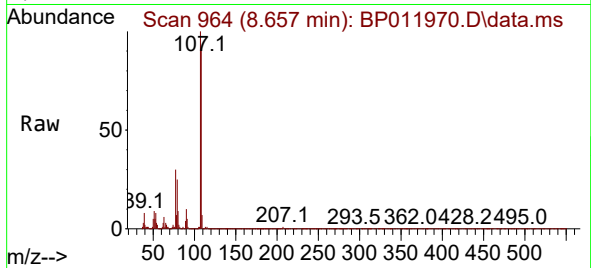




#18
4-Methylphenol
Concen: 26.702 ng/ul
RT: 8.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

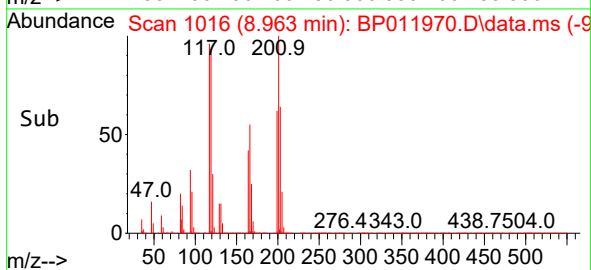
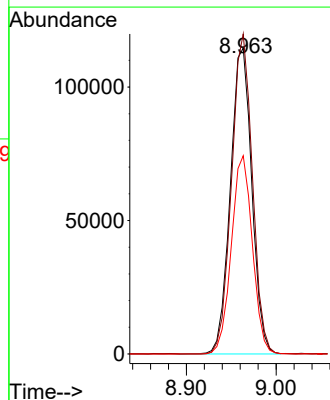
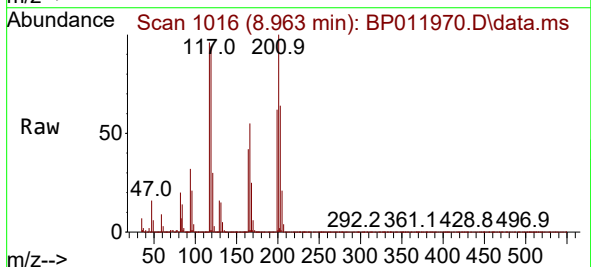
Instrument :
BNA_P
ClientSampleId :

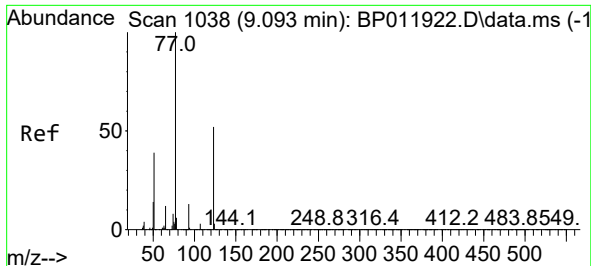
Tgt Ion:108 Resp: 464620
Ion Ratio Lower Upper
108 100
107 110.3 88.0 132.0



#19
Hexachloroethane
Concen: 31.215 ng/ul
RT: 8.963 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:117 Resp: 189881
Ion Ratio Lower Upper
117 100
201 104.6 82.4 123.6
199 64.8 51.6 77.4

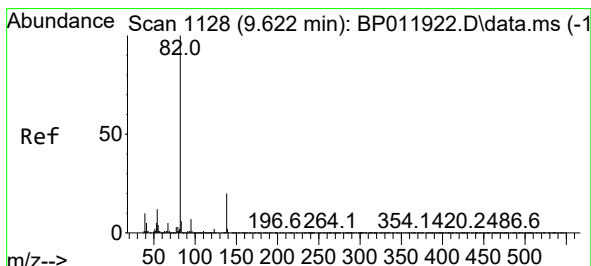
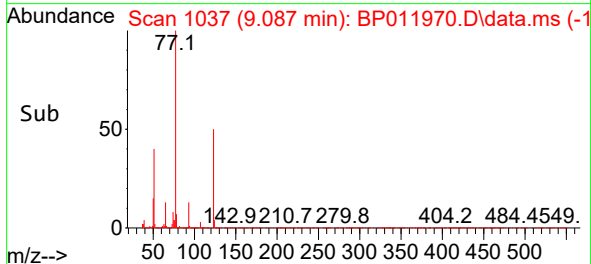
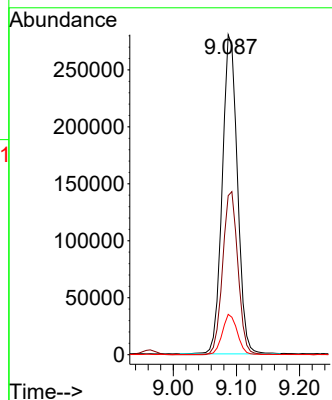
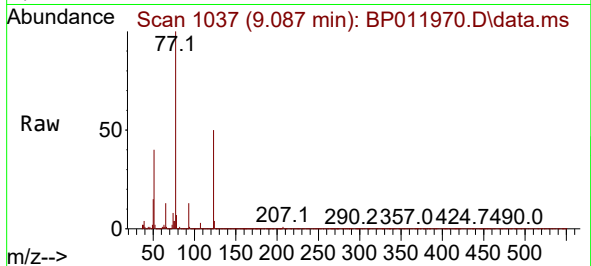




#22
Nitrobenzene
Concen: 31.437 ng/ul
RT: 9.087 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

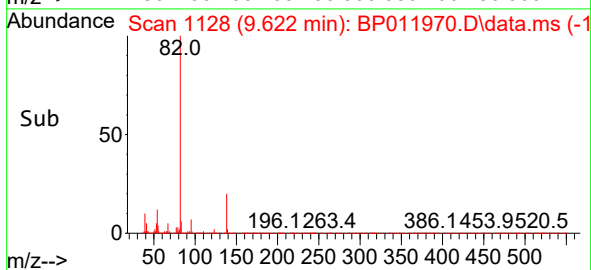
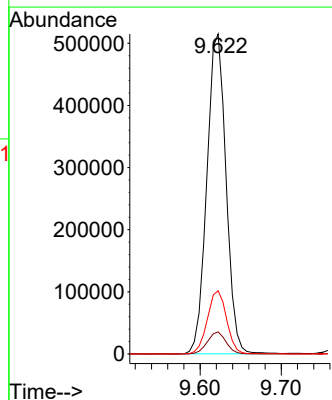
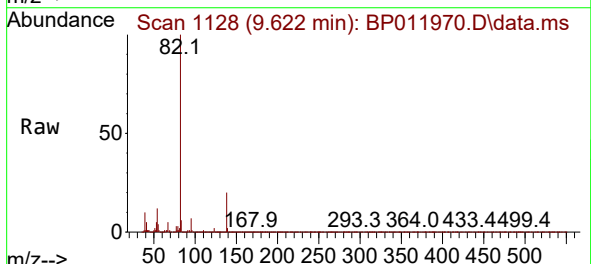
Instrument :
BNA_P
ClientSampleId :

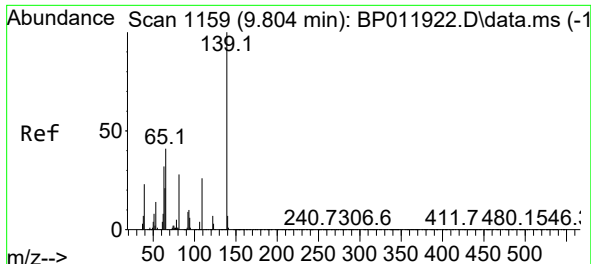
Tgt Ion: 77 Resp: 469343
Ion Ratio Lower Upper
77 100
123 49.7 41.6 62.4
65 12.6 9.7 14.5



#23
Isophorone
Concen: 27.905 ng/ul
RT: 9.622 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion: 82 Resp: 845124
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.8 15.8 23.8

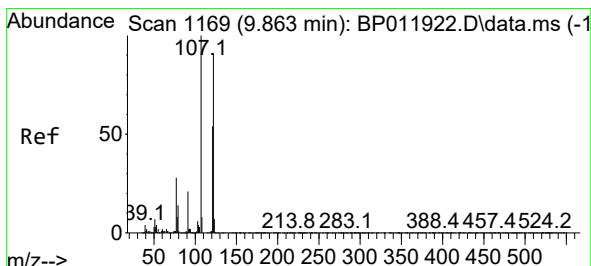
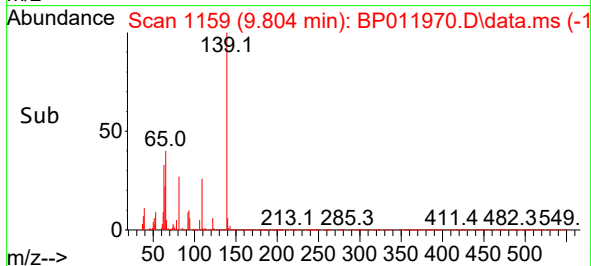
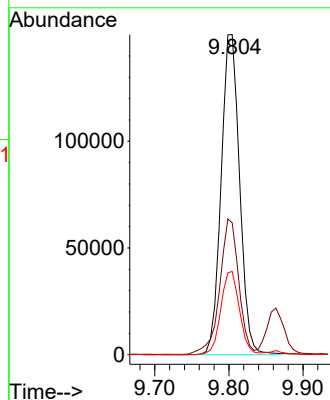
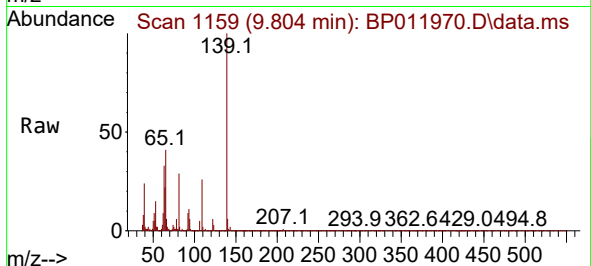




#25
2-Nitrophenol
Concen: 30.625 ng/ul
RT: 9.804 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

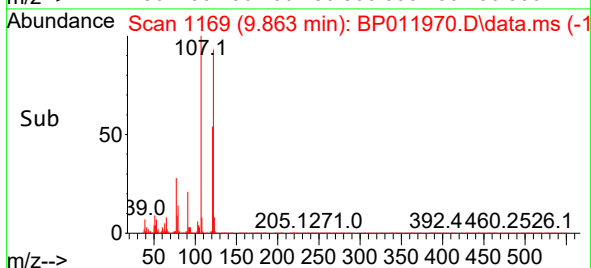
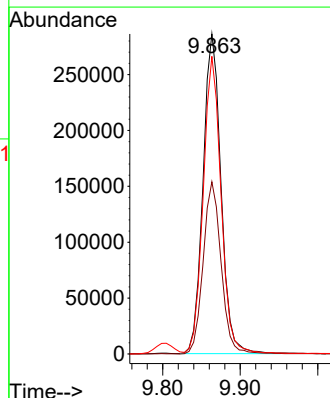
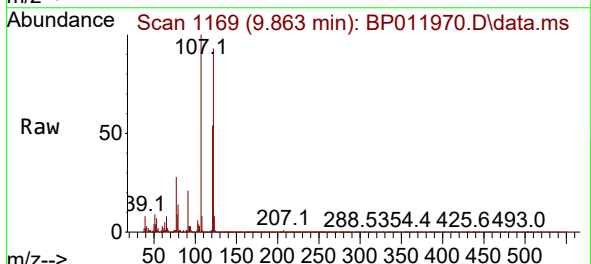
Instrument :
BNA_P
ClientSampleId :

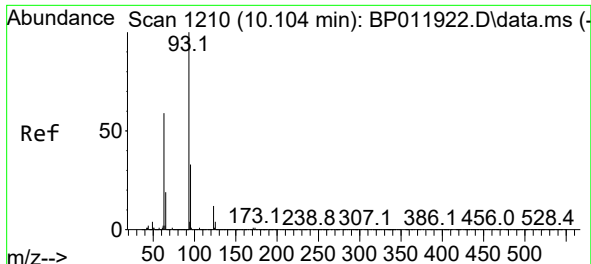
Tgt Ion:139 Resp: 259774
Ion Ratio Lower Upper
139 100
65 41.2 32.2 48.4
109 26.0 19.6 29.4



#26
2,4-Dimethylphenol
Concen: 28.898 ng/ul
RT: 9.863 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:107 Resp: 460487
Ion Ratio Lower Upper
107 100
121 53.8 43.0 64.6
122 93.0 74.9 112.3





#27

Bis(2-Chloroethoxy)methane

Concen: 29.057 ng/ul

RT: 10.104 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

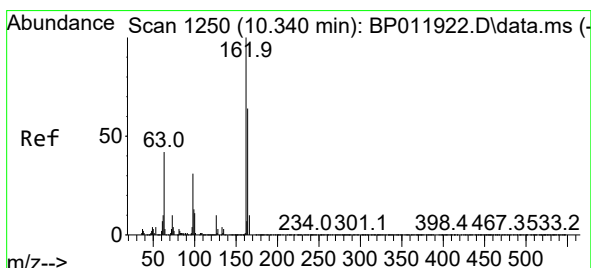
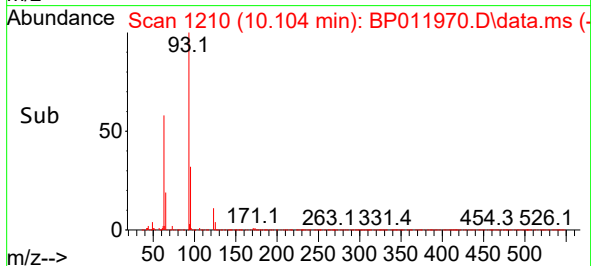
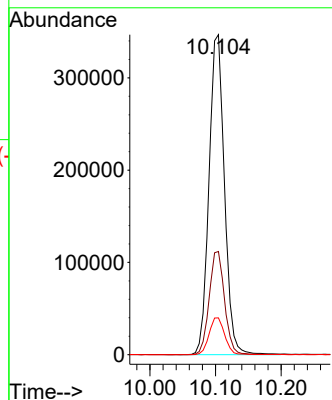
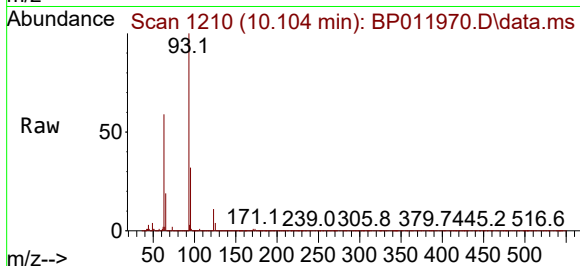
Tgt Ion: 93 Resp: 567756

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

123 11.5 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 30.535 ng/ul

RT: 10.334 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

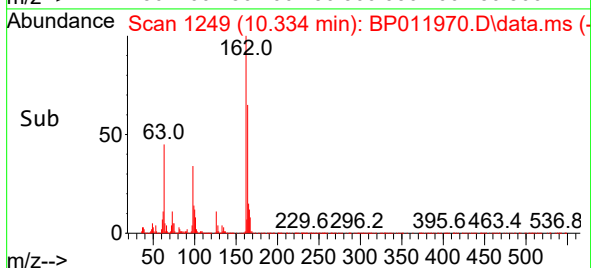
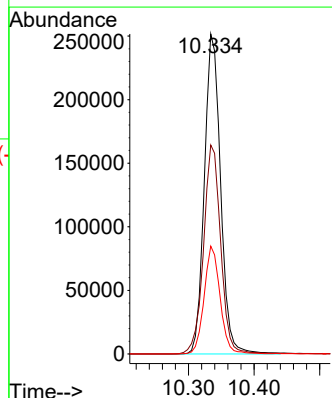
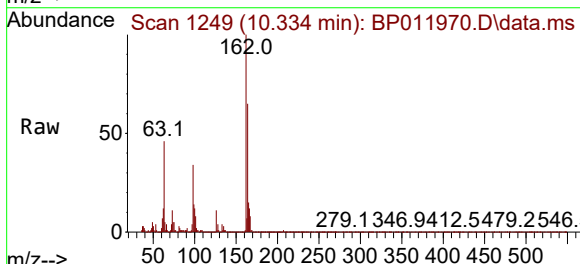
Tgt Ion:162 Resp: 434628

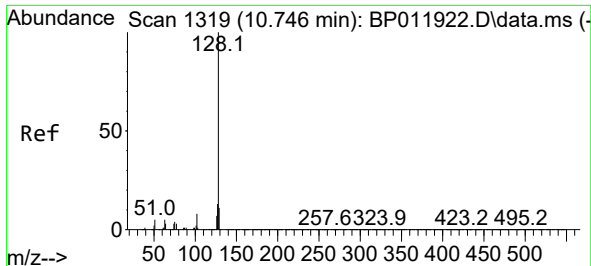
Ion Ratio Lower Upper

162 100

164 65.3 52.2 78.4

98 33.7 27.0 40.4

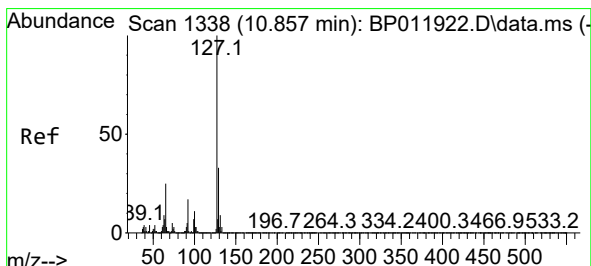
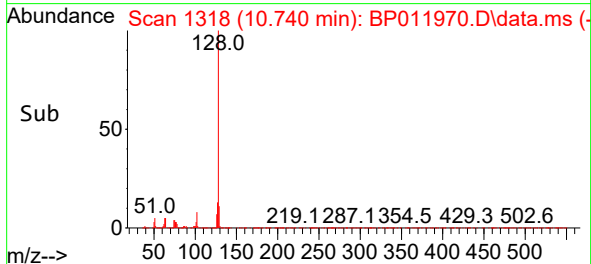
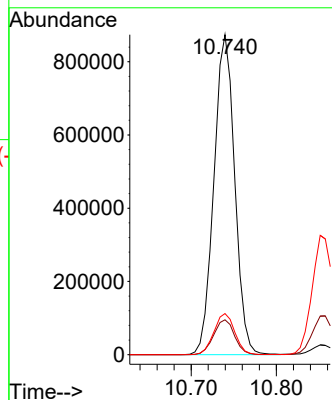
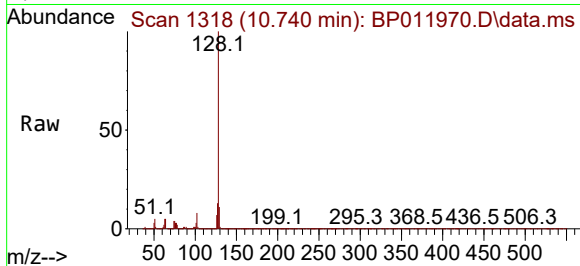




#30
Naphthalene
Concen: 30.262 ng/ul
RT: 10.740 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

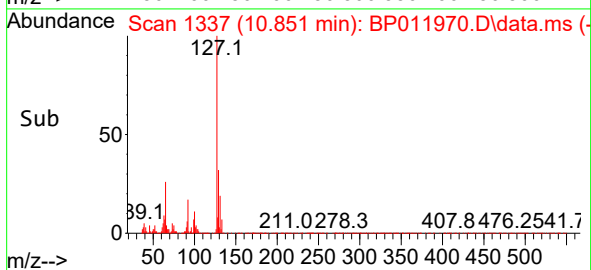
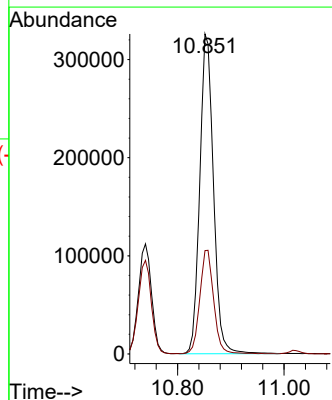
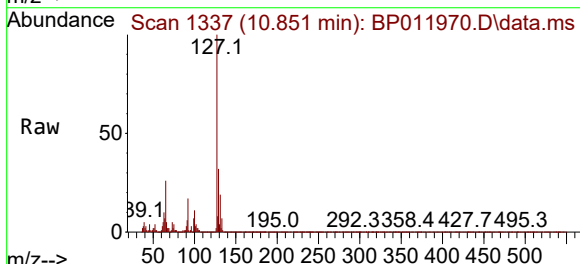
Instrument :
BNA_P
ClientSampleId :

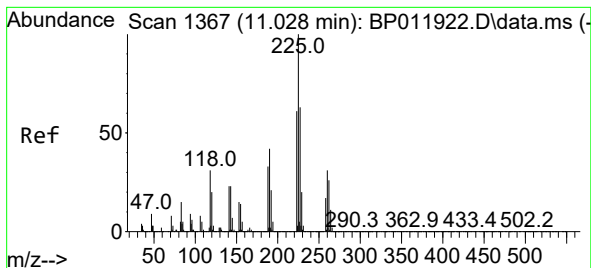
Tgt Ion:128 Resp: 1481312
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 27.111 ng/ul
RT: 10.851 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:127 Resp: 580871
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8





#33

Hexachlorobutadiene

Concen: 31.056 ng/ul

RT: 11.022 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

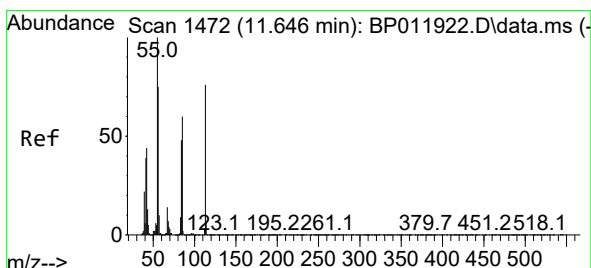
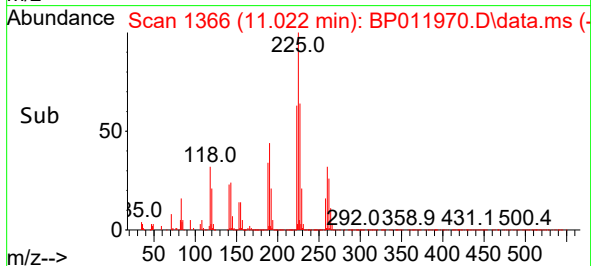
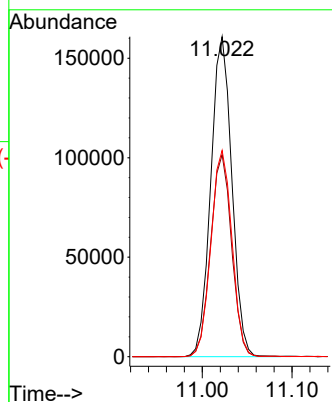
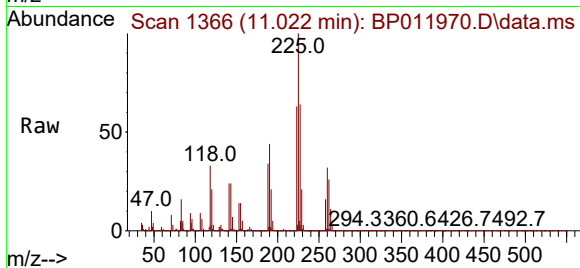
Tgt Ion:225 Resp: 261652

Ion Ratio Lower Upper

225 100

223 63.1 52.1 78.1

227 64.5 52.3 78.5



#34

Caprolactam

Concen: 25.702 ng/ul

RT: 11.646 min Scan# 1472

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

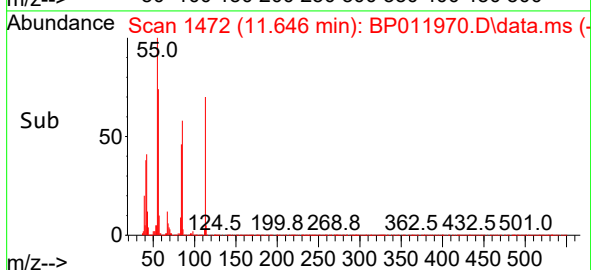
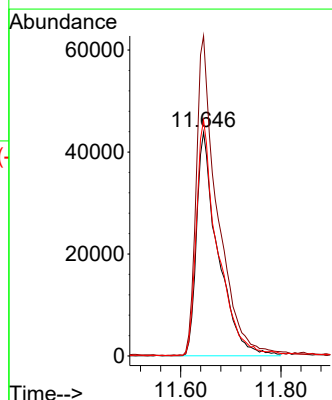
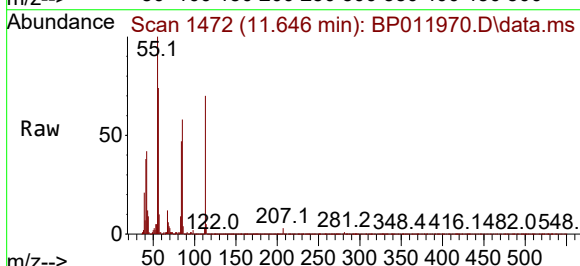
Tgt Ion:113 Resp: 129478

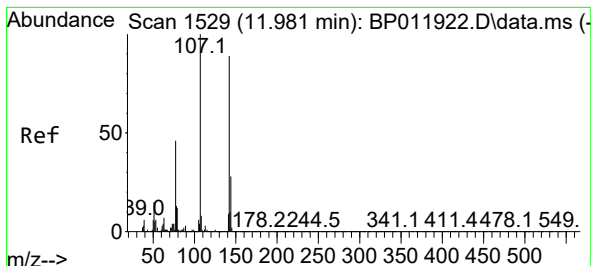
Ion Ratio Lower Upper

113 100

55 143.1 106.0 159.0

56 105.5 78.7 118.1

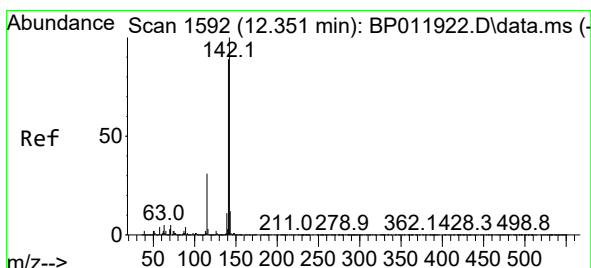
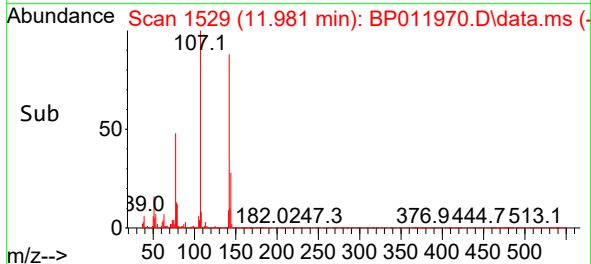
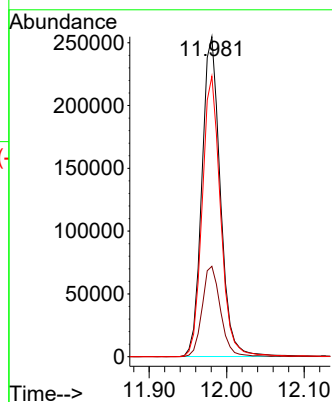
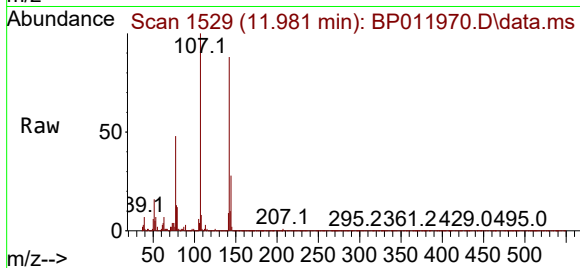




#35
4-Chloro-3-methylphenol
Concen: 27.856 ng/ul
RT: 11.981 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

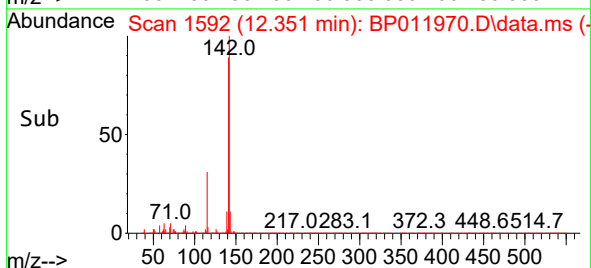
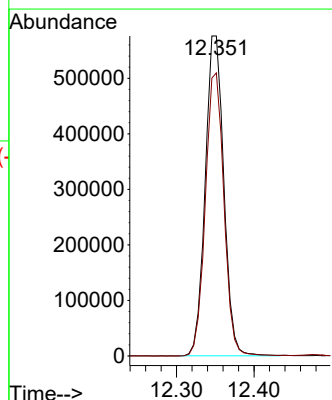
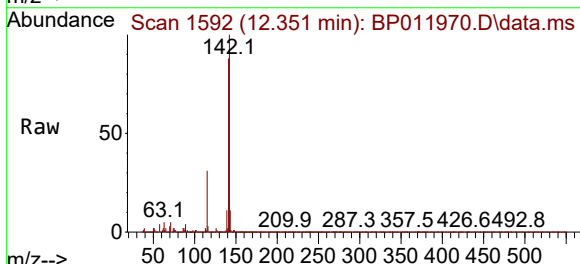
Instrument :
BNA_P
ClientSampleId :

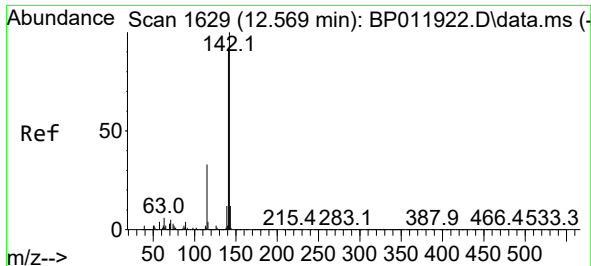
Tgt Ion:107 Resp: 420407
Ion Ratio Lower Upper
107 100
144 28.2 22.5 33.7
142 87.6 70.0 105.0



#36
2-Methylnaphthalene
Concen: 28.090 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:142 Resp: 960267
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0





#37

1-Methylnaphthalene

Concen: 28.060 ng/ul

RT: 12.569 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

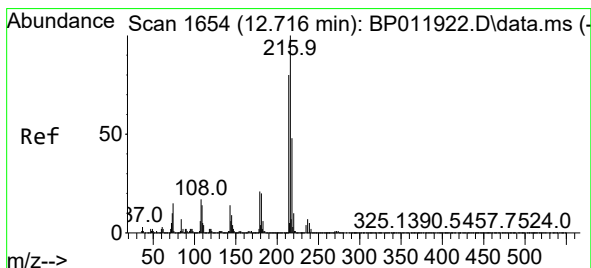
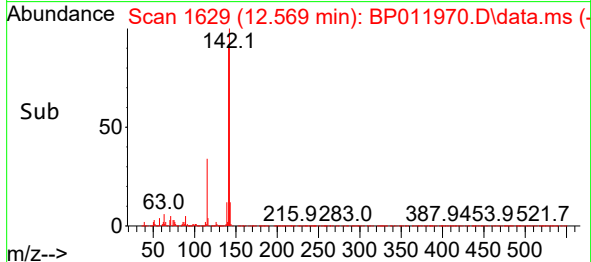
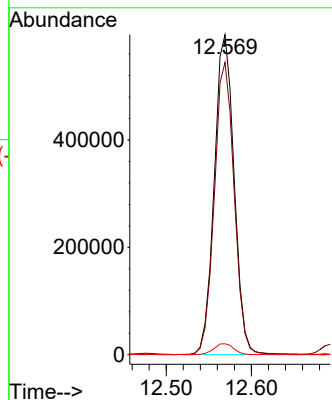
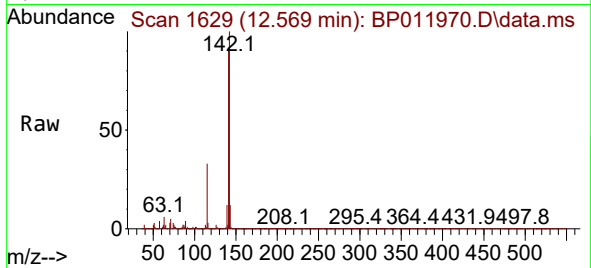
Tgt Ion:142 Resp: 962512

Ion Ratio Lower Upper

142 100

141 91.3 74.8 112.2

116 3.4 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.867 ng/ul

RT: 12.716 min Scan# 1654

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Tgt Ion:216 Resp: 493975

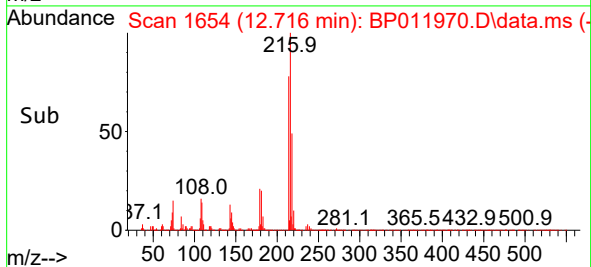
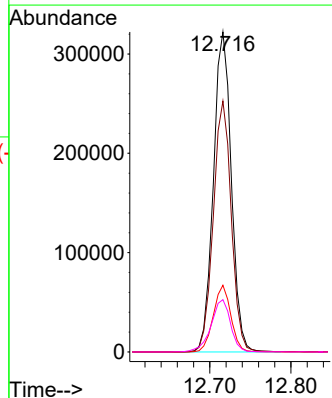
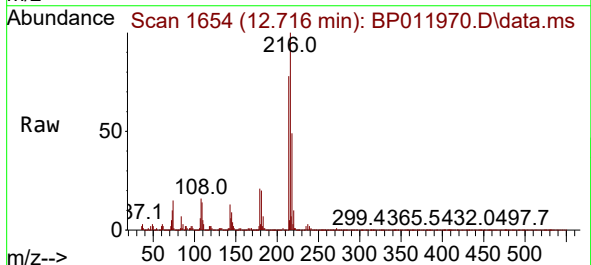
Ion Ratio Lower Upper

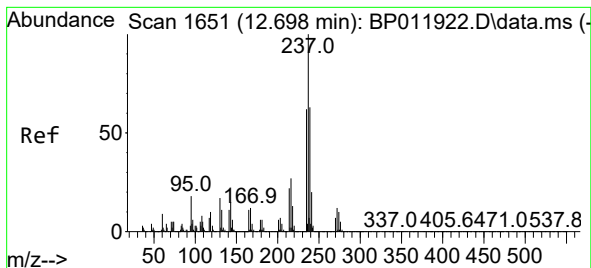
216 100

214 78.4 62.6 94.0

179 20.9 16.6 24.8

108 16.4 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 26.254 ng/ul

RT: 12.693 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

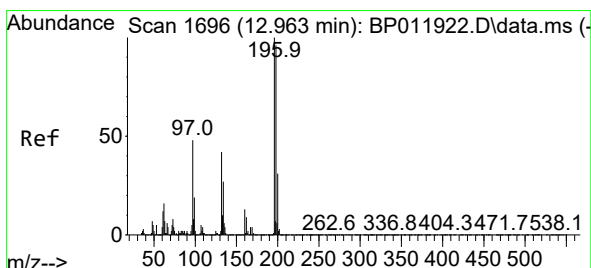
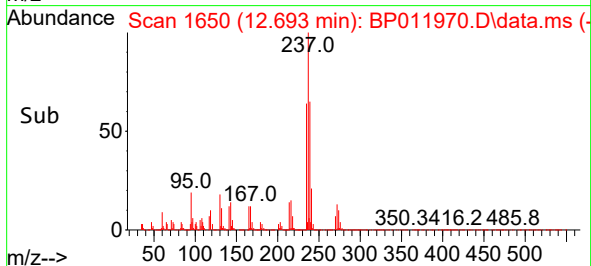
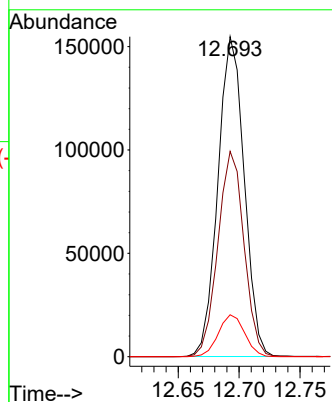
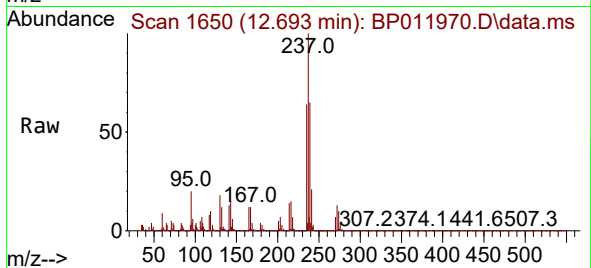
Tgt Ion:237 Resp: 232491

Ion Ratio Lower Upper

237 100

235 64.2 51.0 76.6

272 13.1 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 31.563 ng/ul

RT: 12.957 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

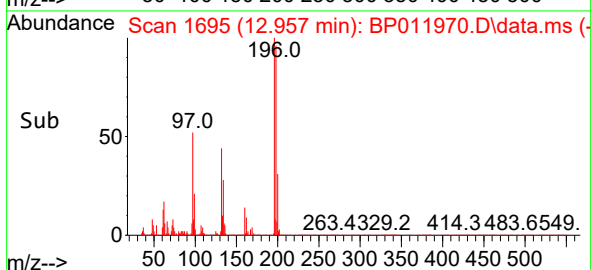
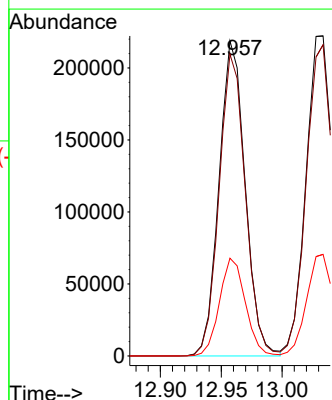
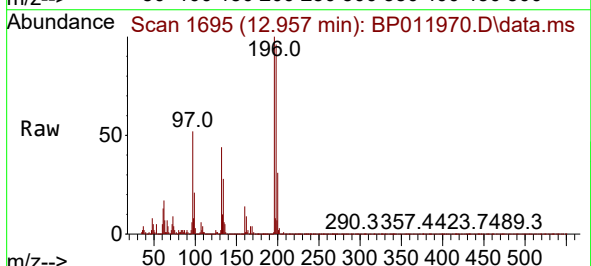
Tgt Ion:196 Resp: 327515

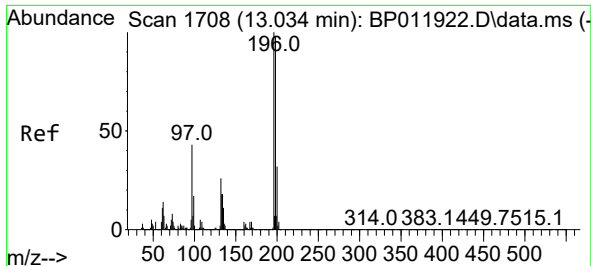
Ion Ratio Lower Upper

196 100

198 95.8 78.7 118.1

200 31.1 24.5 36.7

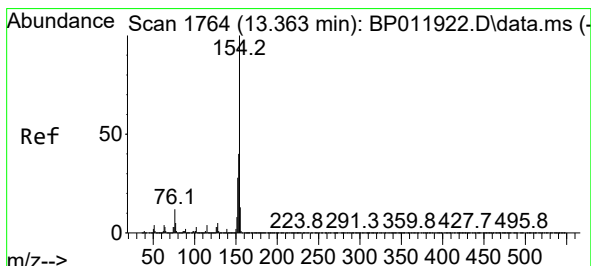
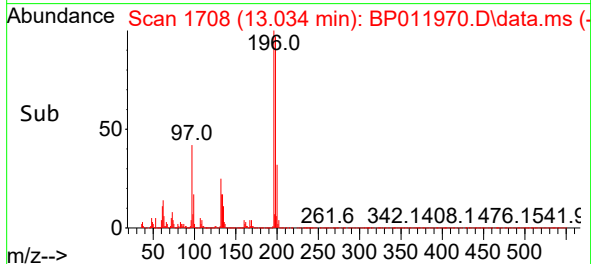
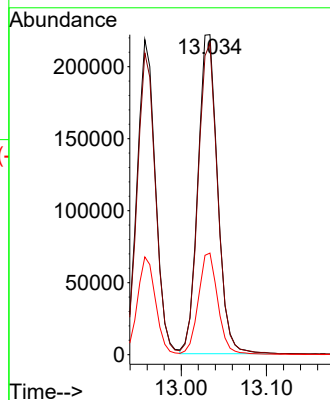
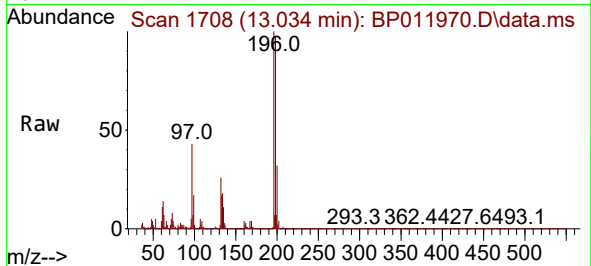




#42
2,4,5-Trichlorophenol
Concen: 31.458 ng/ul
RT: 13.034 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

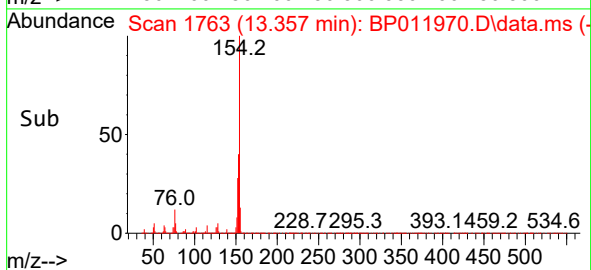
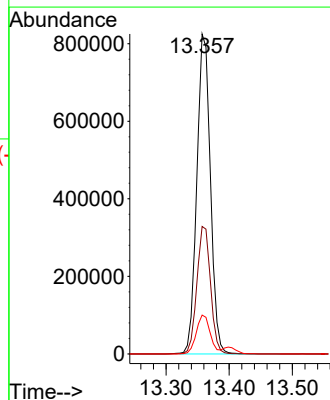
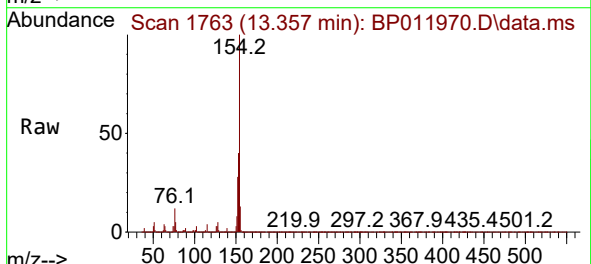
Instrument :
BNA_P
ClientSampleId :

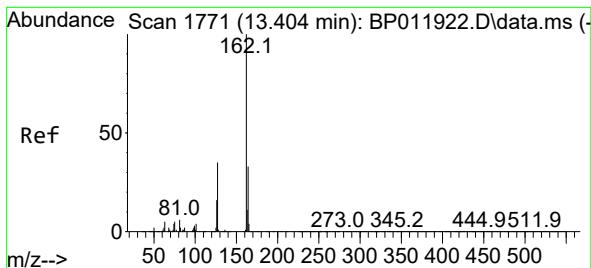
Tgt Ion:196 Resp: 355568
Ion Ratio Lower Upper
196 100
198 97.3 76.6 114.8
200 31.8 25.6 38.4



#43
1,1'-Biphenyl
Concen: 31.080 ng/ul
RT: 13.357 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:154 Resp: 1228769
Ion Ratio Lower Upper
154 100
153 39.9 31.8 47.6
76 12.1 9.5 14.3





#44

2-Chloronaphthalene

Concen: 31.506 ng/ul

RT: 13.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

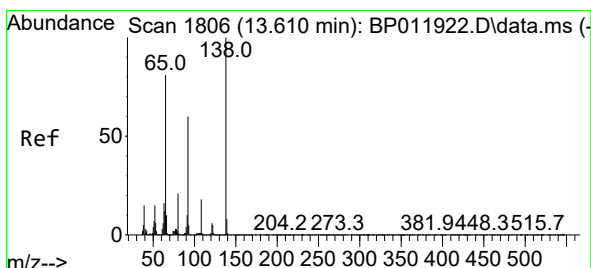
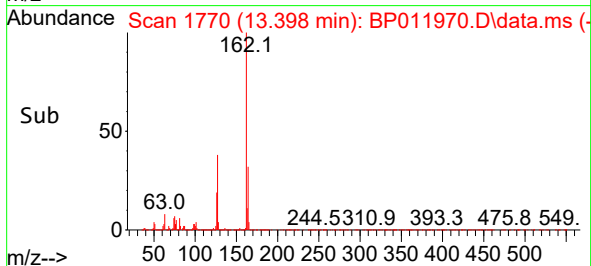
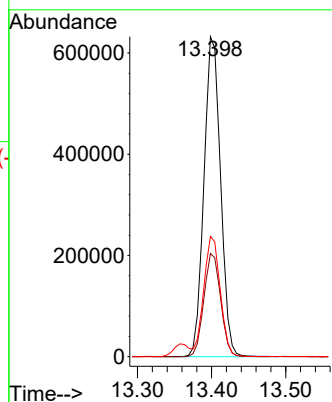
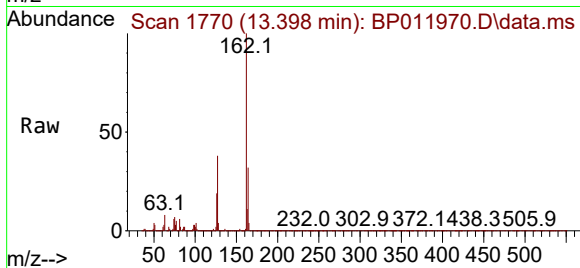
Tgt Ion:162 Resp: 984801

Ion Ratio Lower Upper

162 100

164 32.3 26.5 39.7

127 37.6 29.7 44.5



#45

2-Nitroaniline

Concen: 31.485 ng/ul

RT: 13.610 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

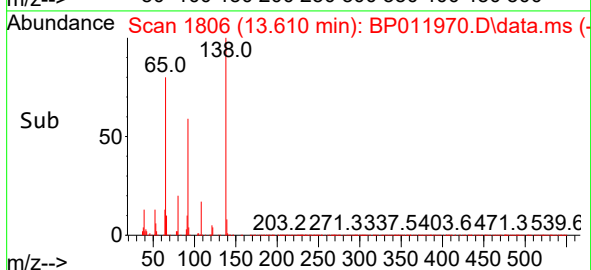
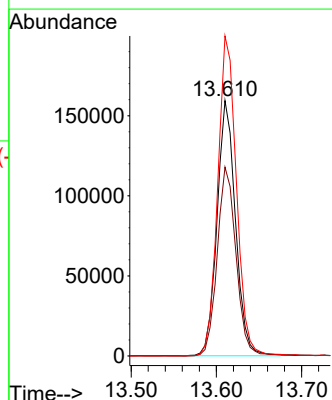
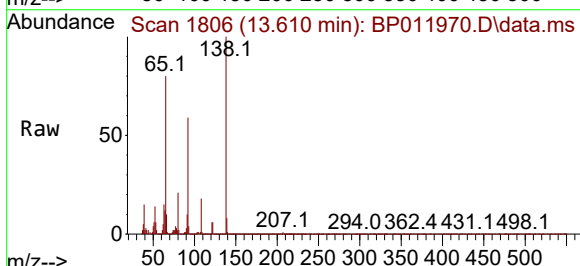
Tgt Ion: 65 Resp: 240233

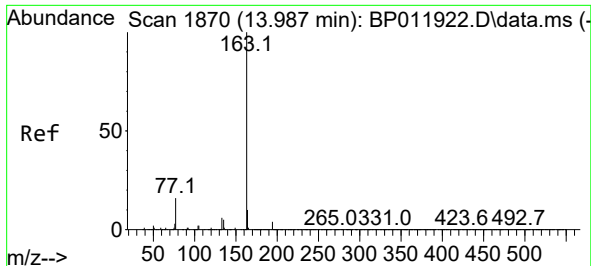
Ion Ratio Lower Upper

65 100

92 74.0 61.2 91.8

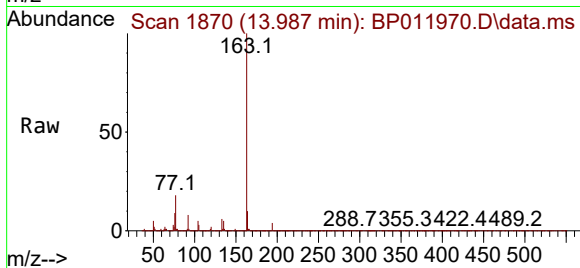
138 125.3 103.0 154.4



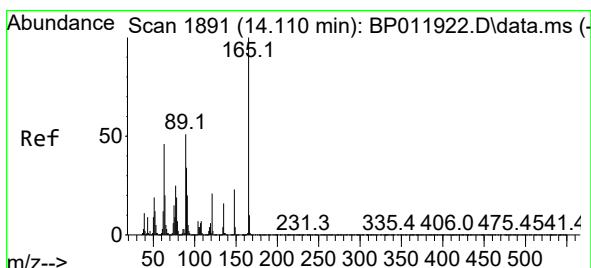
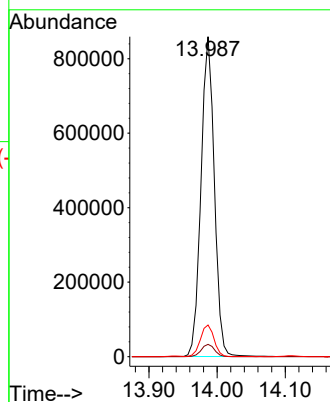
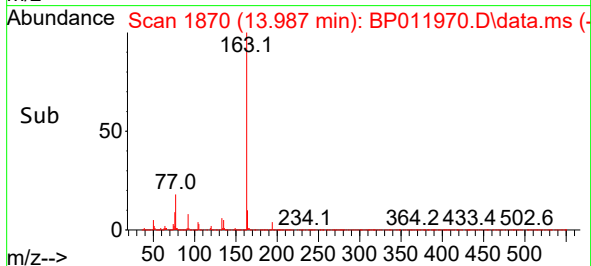


#47
Dimethylphthalate
Concen: 29.131 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

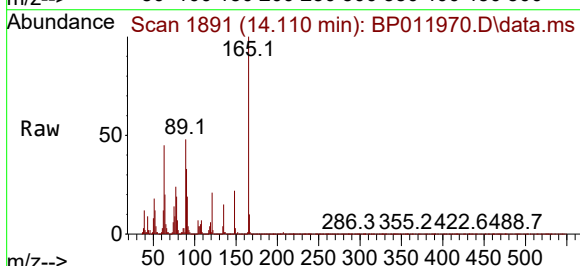
Instrument :
BNA_P
ClientSampleId :



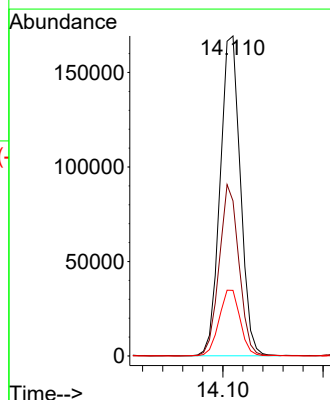
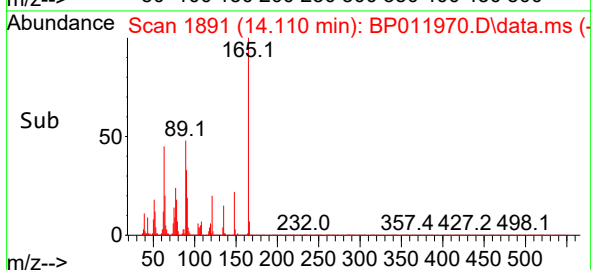
Tgt Ion:163 Resp: 1166932
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.9 8.5 12.7

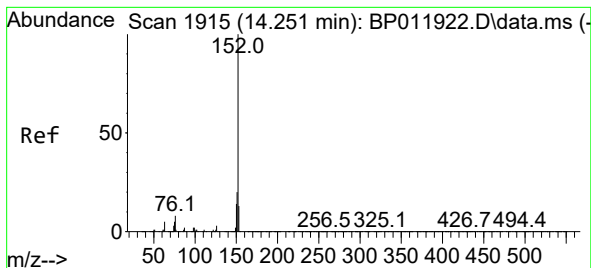


#48
2,6-Dinitrotoluene
Concen: 30.359 ng/ul
RT: 14.110 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05



Tgt Ion:165 Resp: 237011
Ion Ratio Lower Upper
165 100
89 48.5 39.1 58.7
121 20.5 16.7 25.1





#50

Acenaphthylene

Concen: 31.305 ng/ul

RT: 14.251 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

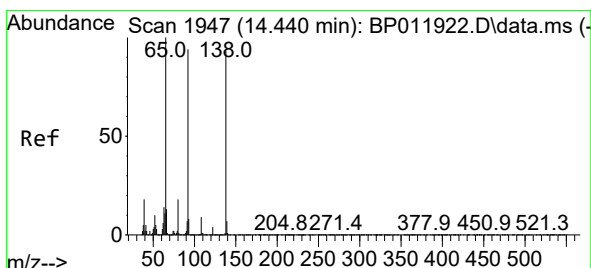
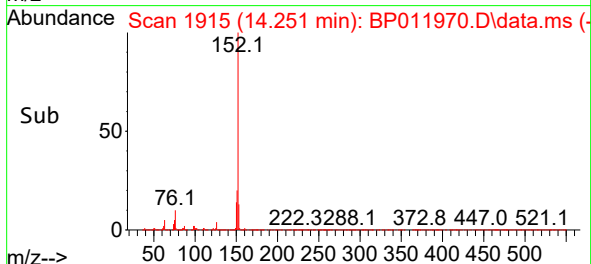
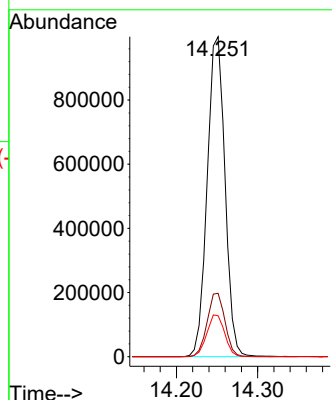
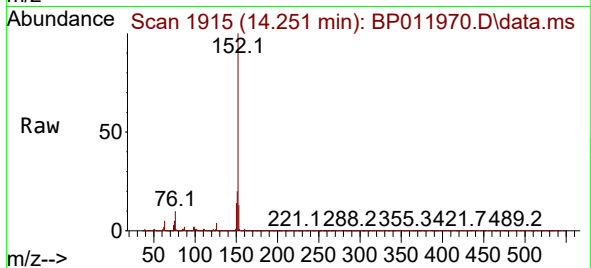
Tgt Ion:152 Resp: 1515018

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 12.8 10.8 16.2



#51

3-Nitroaniline

Concen: 29.988 ng/ul

RT: 14.440 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

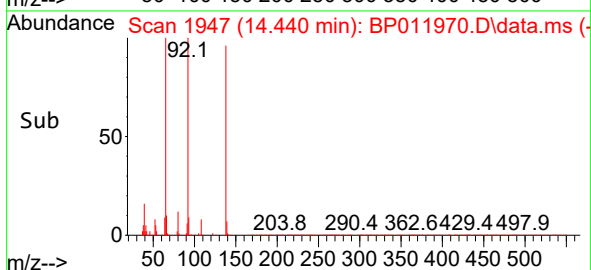
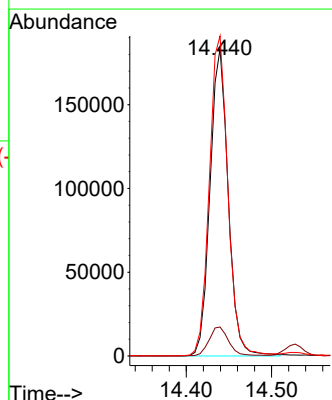
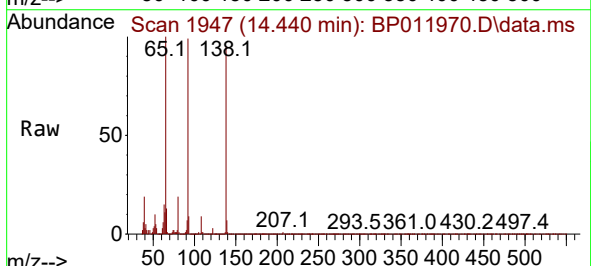
Tgt Ion:138 Resp: 271354

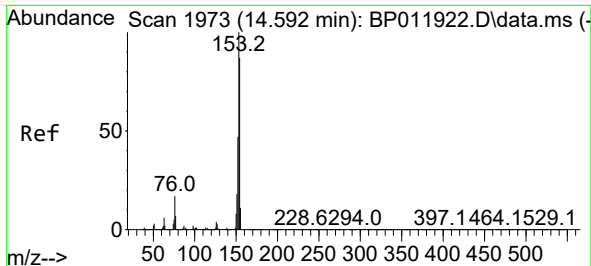
Ion Ratio Lower Upper

138 100

108 9.4 8.2 12.4

92 104.2 85.6 128.4

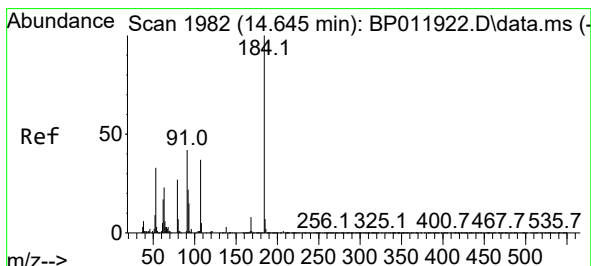
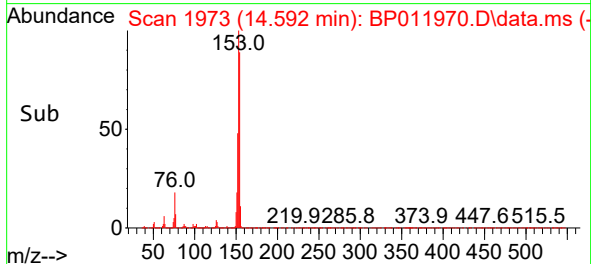
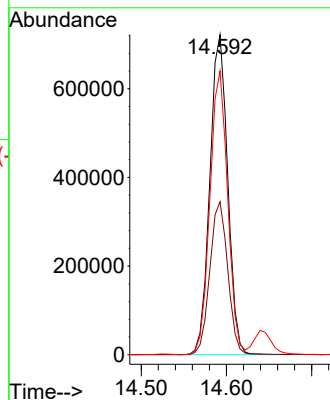
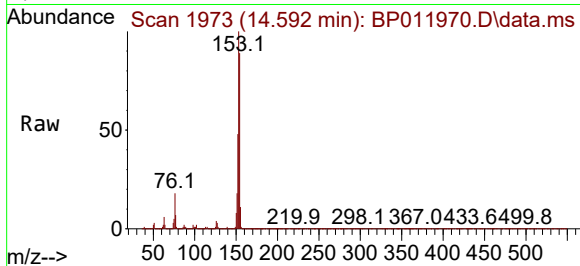




#52
Acenaphthene
Concen: 30.714 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

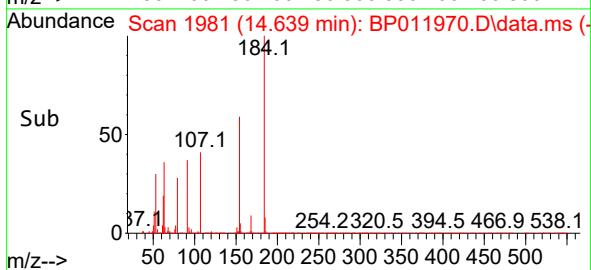
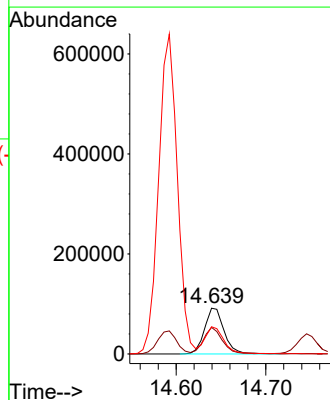
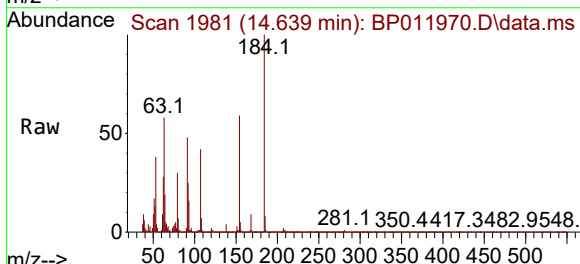
Instrument :
BNA_P
ClientSampleId :

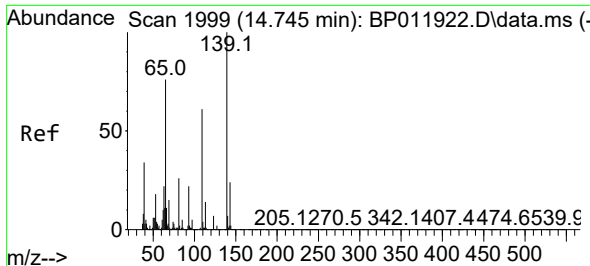
Tgt Ion:153 Resp: 1048706
Ion Ratio Lower Upper
153 100
152 47.8 38.4 57.6
154 88.6 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 26.070 ng/ul
RT: 14.639 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:184 Resp: 137987
Ion Ratio Lower Upper
184 100
63 58.0 44.2 66.4
154 59.4 45.8 68.6

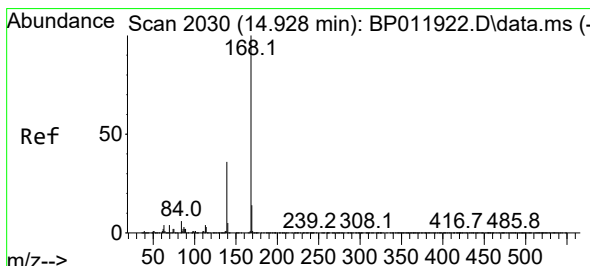
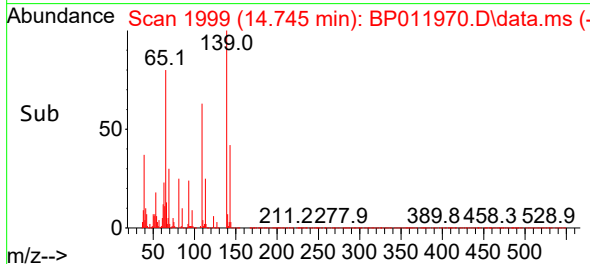
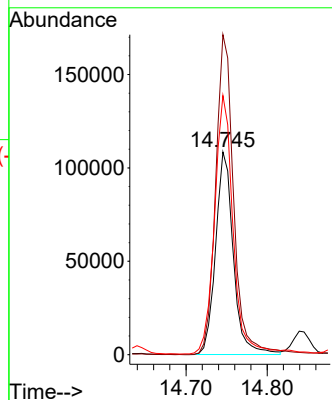
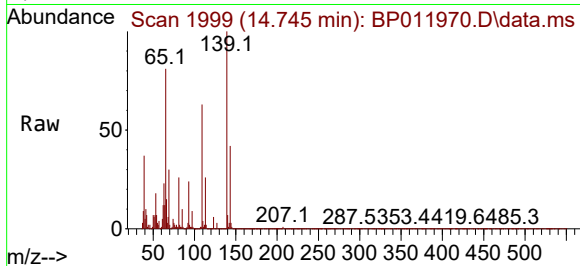




#55
4-Nitrophenol
Concen: 30.890 ng/ul
RT: 14.745 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

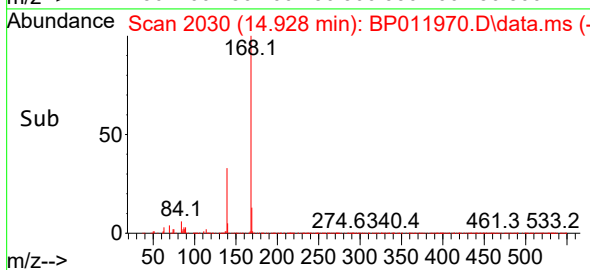
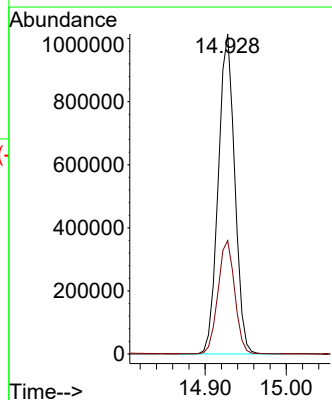
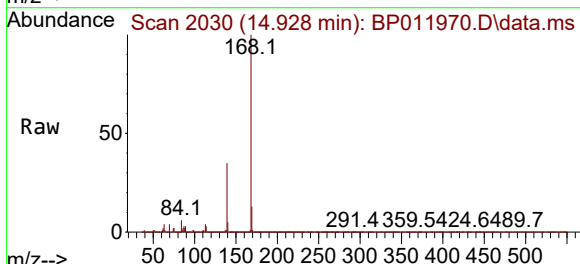
Instrument :
BNA_P
ClientSampleId :

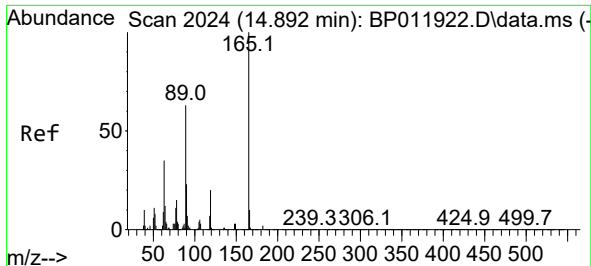
Tgt Ion:109 Resp: 165055
Ion Ratio Lower Upper
109 100
139 157.9 125.0 187.6
65 127.8 101.9 152.9



#56
Dibenzofuran
Concen: 30.649 ng/ul
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:168 Resp: 1433326
Ion Ratio Lower Upper
168 100
139 35.4 29.4 44.2





#57

2,4-Dinitrotoluene

Concen: 30.683 ng/ul

RT: 14.892 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

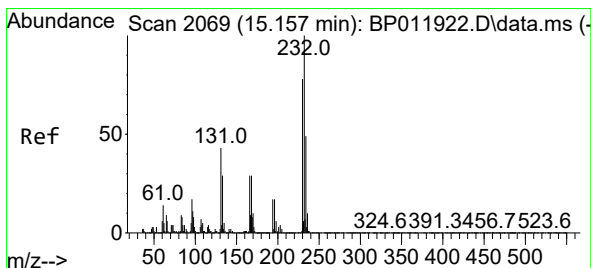
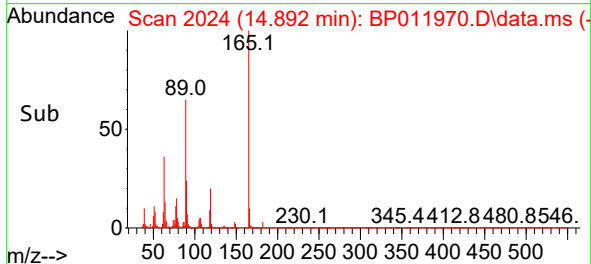
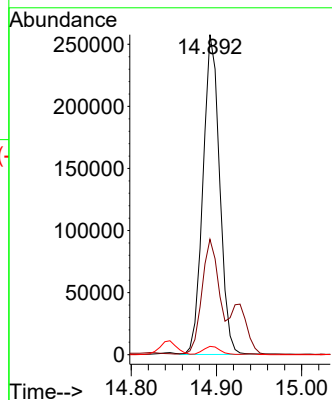
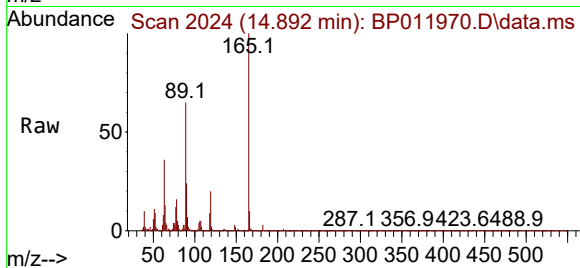
Tgt Ion:165 Resp: 350141

Ion Ratio Lower Upper

165 100

63 36.0 28.2 42.2

182 2.6 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.620 ng/ul

RT: 15.151 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Tgt Ion:232 Resp: 300665

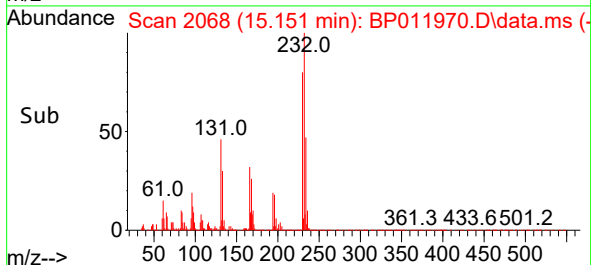
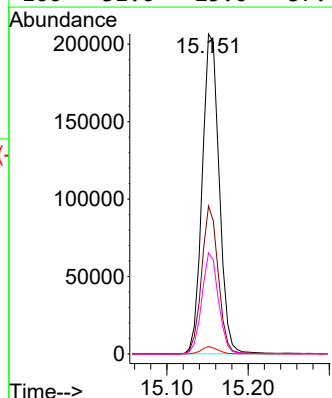
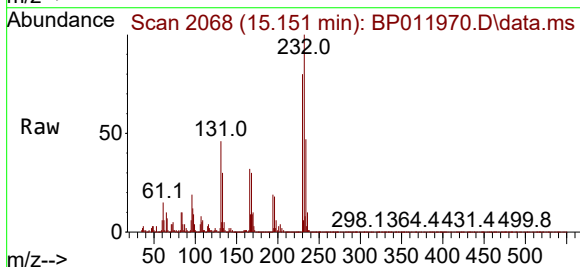
Ion Ratio Lower Upper

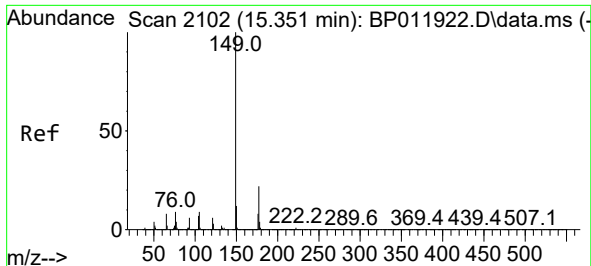
232 100

131 46.3 36.2 54.2

130 2.3 1.7 2.5

166 31.6 25.0 37.4

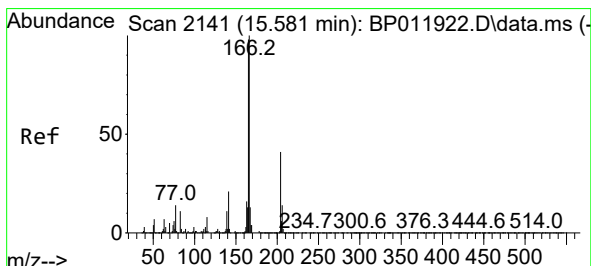
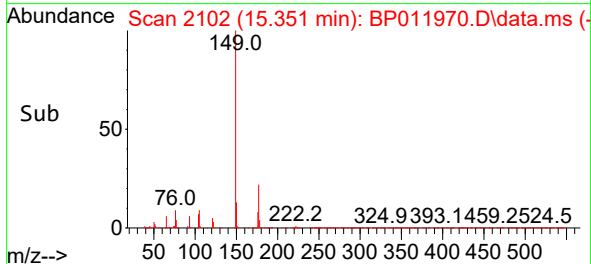
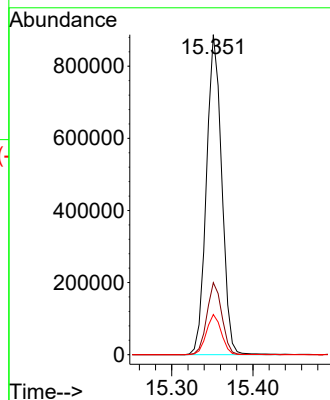
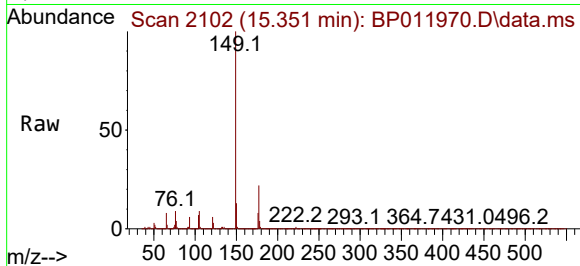




#59
Diethylphthalate
Concen: 28.844 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

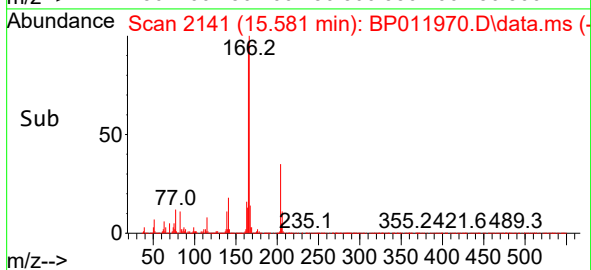
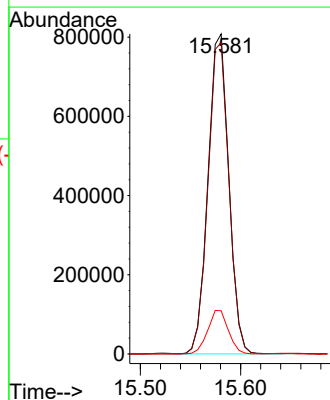
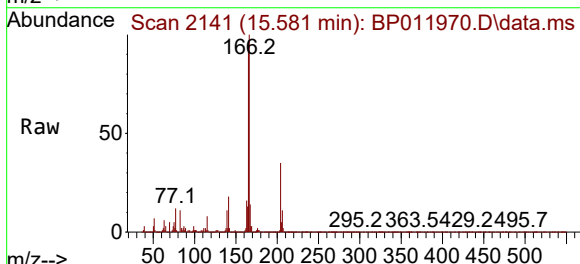
Instrument :
BNA_P
ClientSampleId :

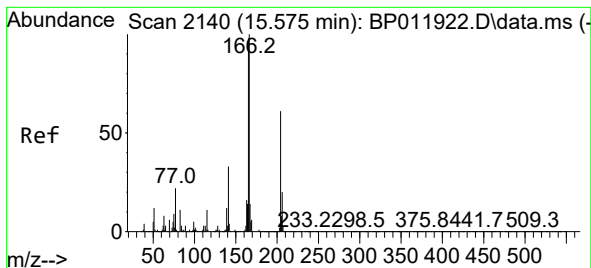
Tgt Ion:149 Resp: 1157565
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.6 9.9 14.9



#61
Fluorene
Concen: 30.454 ng/ul
RT: 15.581 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:166 Resp: 1166479
Ion Ratio Lower Upper
166 100
165 97.3 77.2 115.8
167 13.5 10.7 16.1

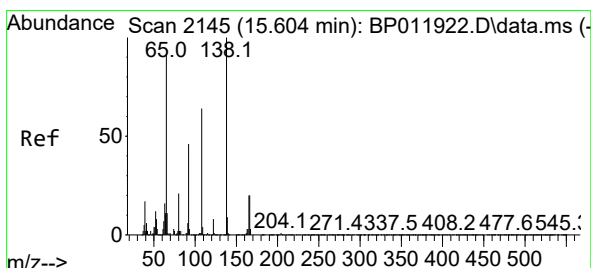
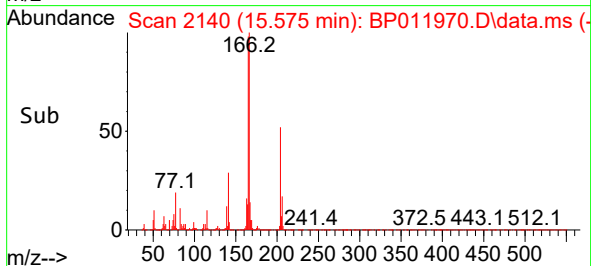
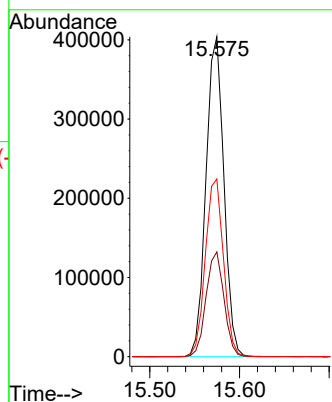
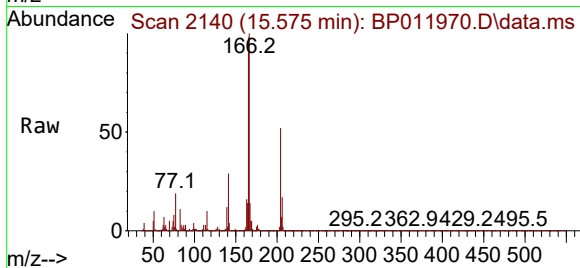




#62
4-Chlorophenyl-phenylether
Concen: 29.462 ng/ul
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

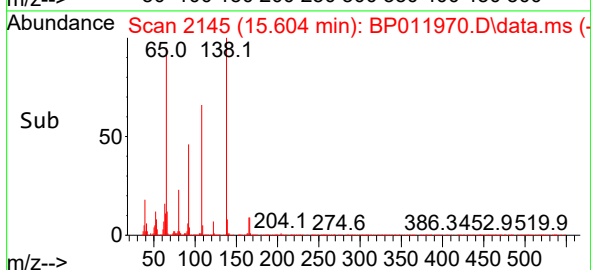
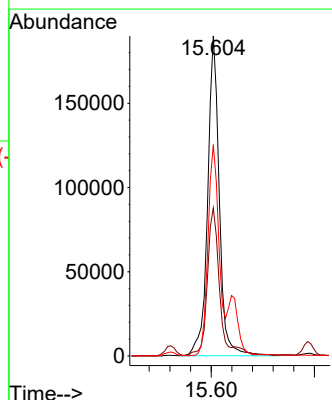
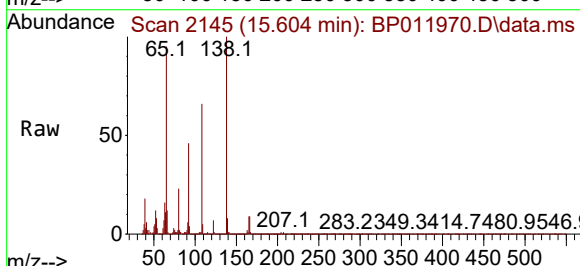
Instrument :
BNA_P
ClientSampleId :

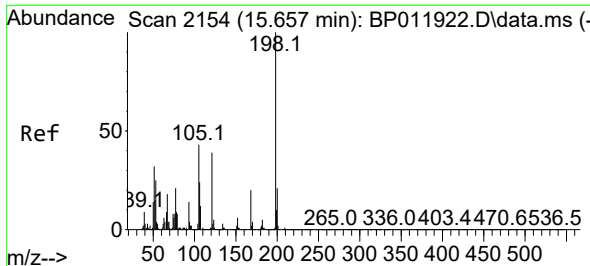
Tgt Ion:204 Resp: 558662
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 55.6 44.5 66.7



#63
4-Nitroaniline
Concen: 34.531 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:138 Resp: 298172
Ion Ratio Lower Upper
138 100
92 46.2 35.9 53.9
108 66.0 51.6 77.4

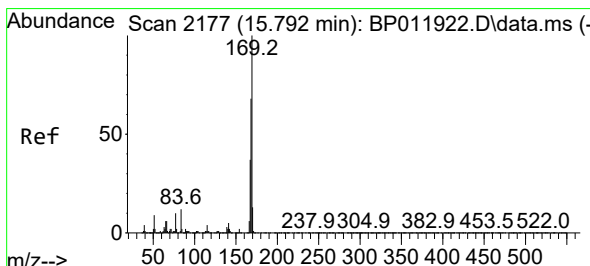
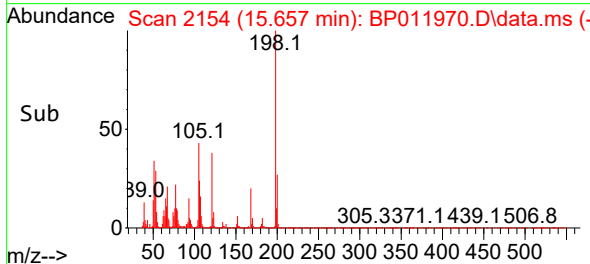
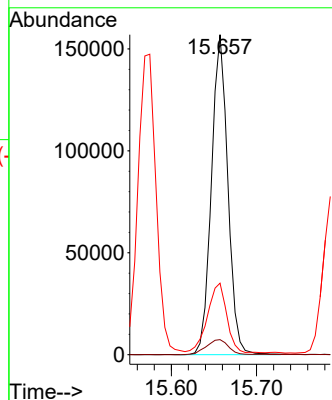
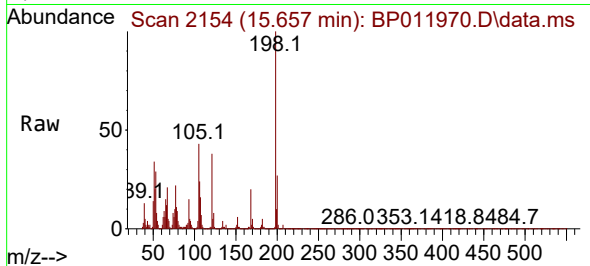




#66
4,6-Dinitro-2-methylphenol
Concen: 29.474 ng/ul
RT: 15.657 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

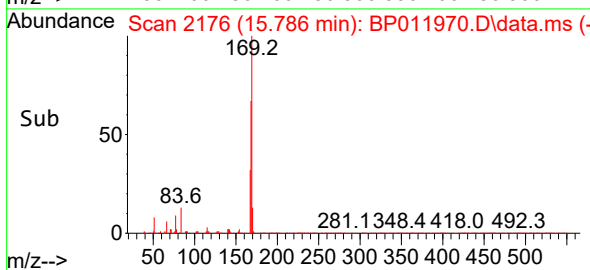
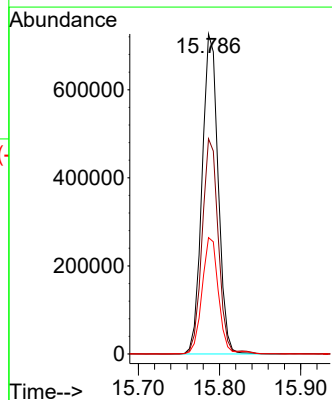
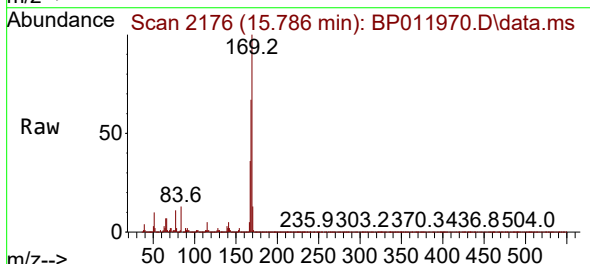
Instrument :
BNA_P
ClientSampleId :

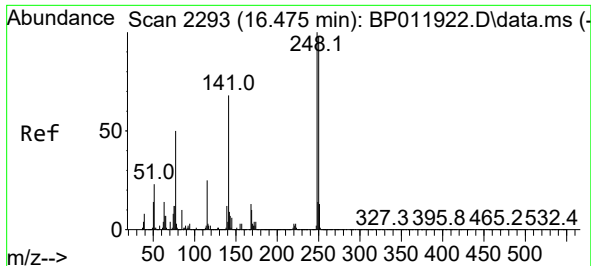
Tgt Ion:198 Resp: 210064
Ion Ratio Lower Upper
198 100
182 4.7 3.7 5.5
77 22.4 16.6 24.8



#67
N-Nitrosodiphenylamine
Concen: 30.446 ng/ul
RT: 15.786 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:169 Resp: 998280
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.4 29.9 44.9

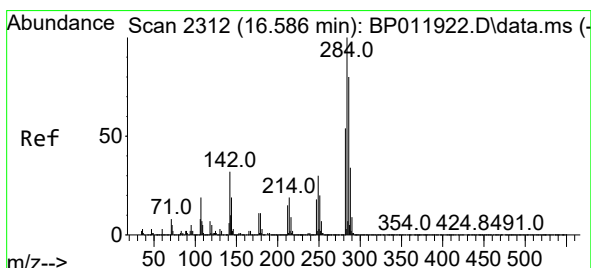
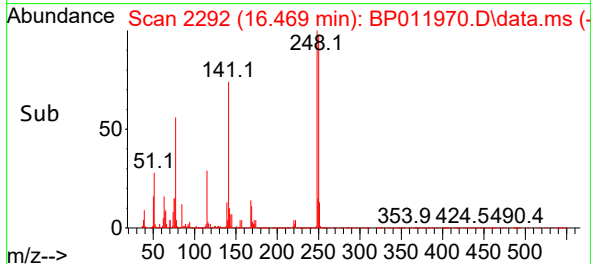
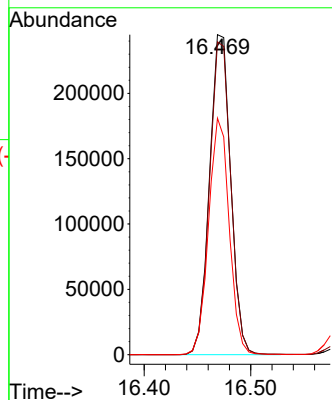
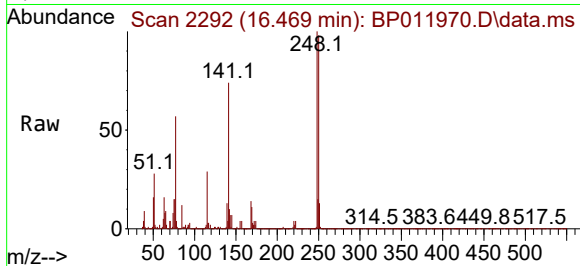




#68
4-Bromophenyl-phenylether
Concen: 29.987 ng/ul
RT: 16.469 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

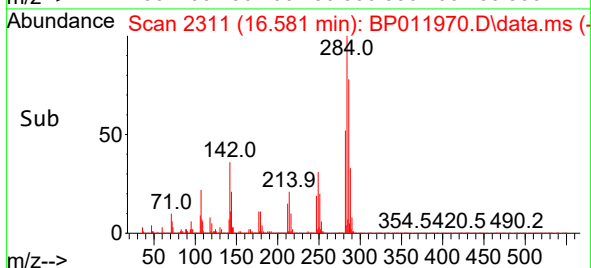
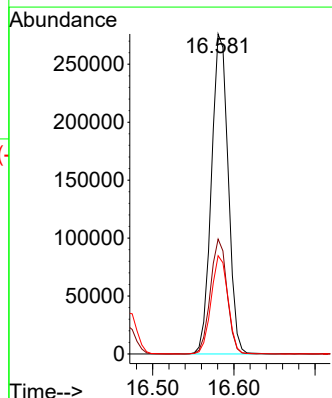
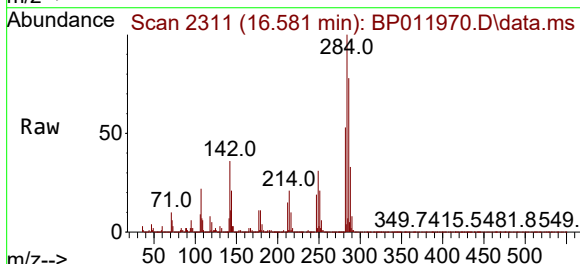
Instrument :
BNA_P
ClientSampleId :

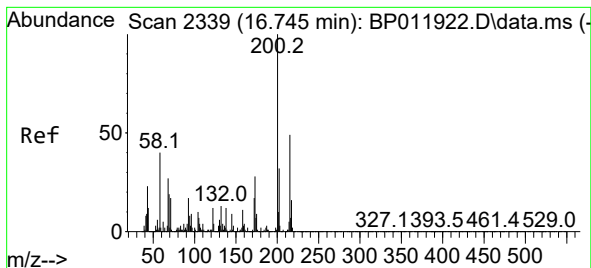
Tgt Ion:248 Resp: 339020
Ion Ratio Lower Upper
248 100
250 97.7 78.6 118.0
141 73.9 56.0 84.0



#69
Hexachlorobenzene
Concen: 30.675 ng/ul
RT: 16.581 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:284 Resp: 394644
Ion Ratio Lower Upper
284 100
142 35.9 27.3 40.9
249 30.7 25.2 37.8





#70

Atrazine

Concen: 30.271 ng/ul

RT: 16.751 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

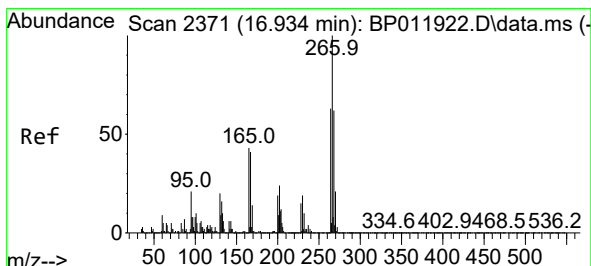
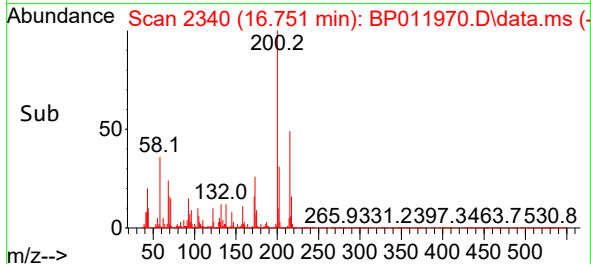
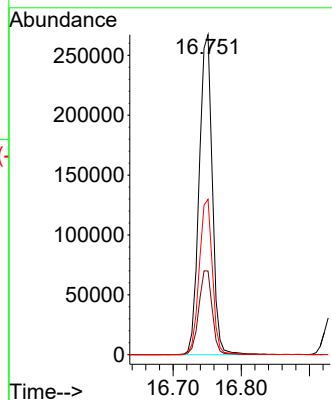
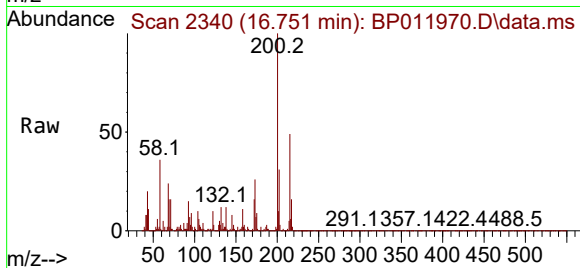
Tgt Ion:200 Resp: 358123

Ion Ratio Lower Upper

200 100

173 26.1 21.6 32.4

215 48.6 38.9 58.3



#71

Pentachlorophenol

Concen: 30.260 ng/ul

RT: 16.933 min Scan# 2371

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

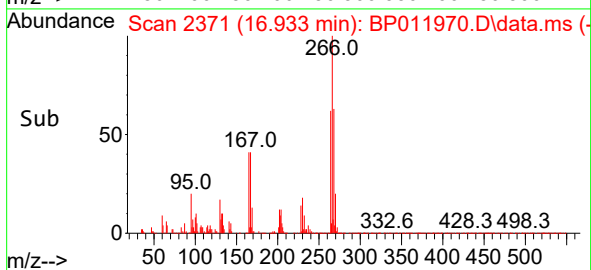
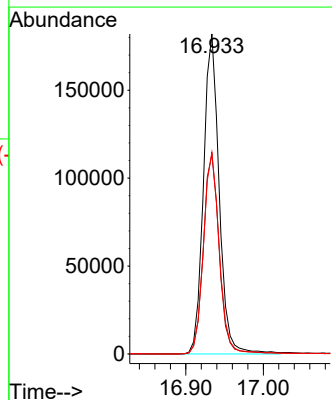
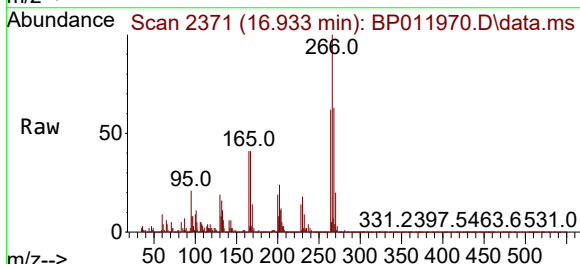
Tgt Ion:266 Resp: 256053

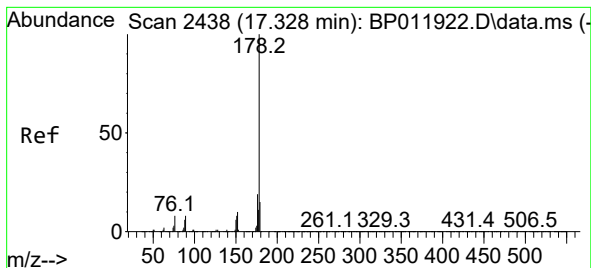
Ion Ratio Lower Upper

266 100

264 62.4 49.8 74.8

268 63.0 51.9 77.9





#72

Phenanthrene

Concen: 31.157 ng/ul

RT: 17.328 min Scan# 2438

Delta R.T. -0.000 min

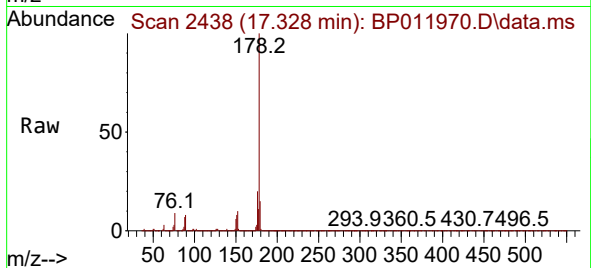
Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :



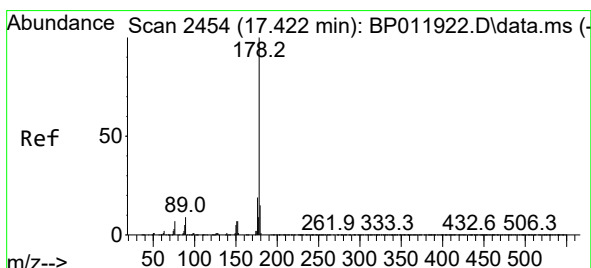
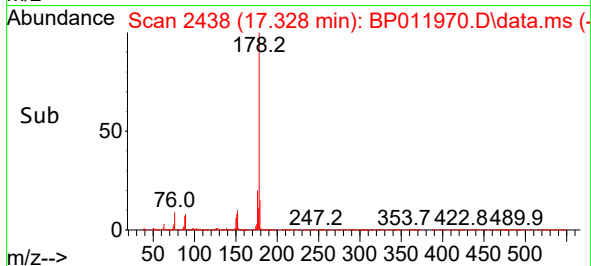
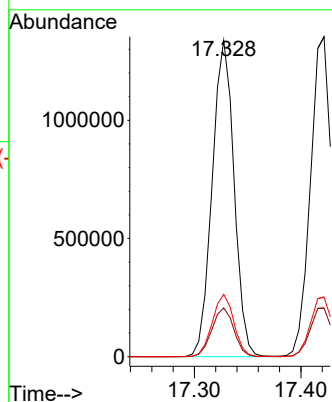
Tgt Ion:178 Resp: 1903179

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.7 15.4 23.2



#74

Anthracene

Concen: 31.170 ng/ul

RT: 17.422 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

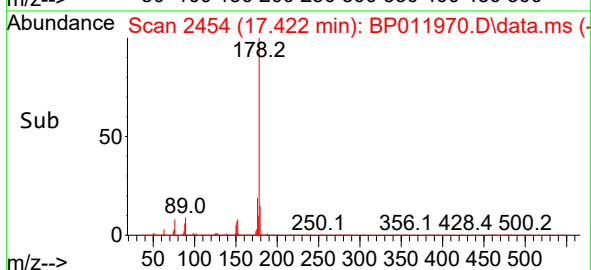
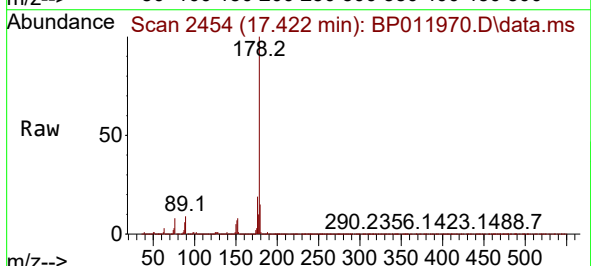
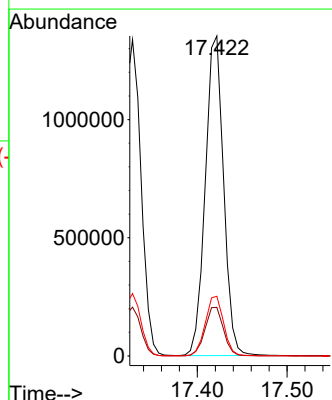
Tgt Ion:178 Resp: 1915699

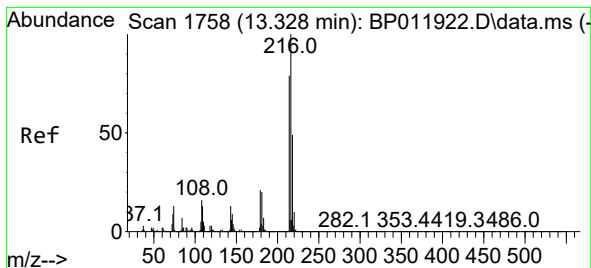
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.6 15.4 23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 33.359 ng/uL

RT: 13.322 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

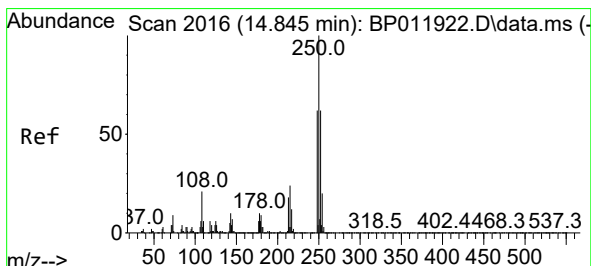
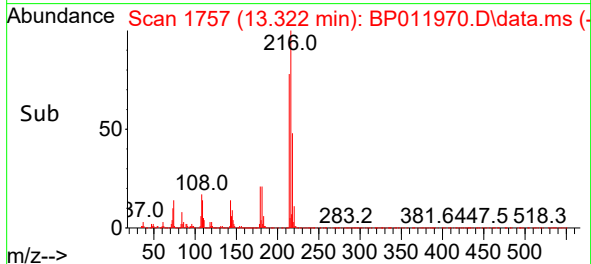
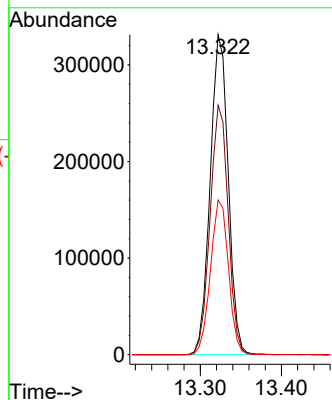
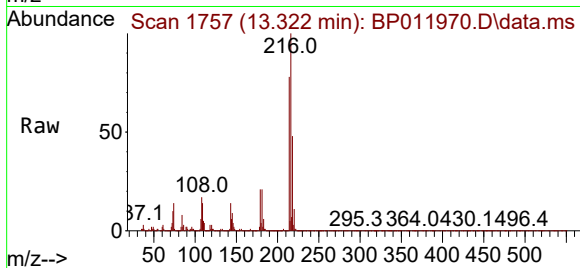
Tgt Ion:216 Resp: 511787

Ion Ratio Lower Upper

216 100

214 77.9 62.6 93.8

218 48.3 37.4 56.0



#76

Pentachlorobenzene

Concen: 28.850 ng/uL

RT: 14.845 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

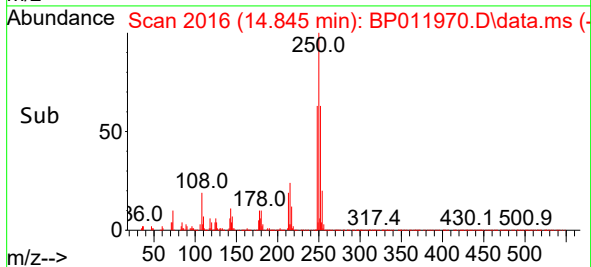
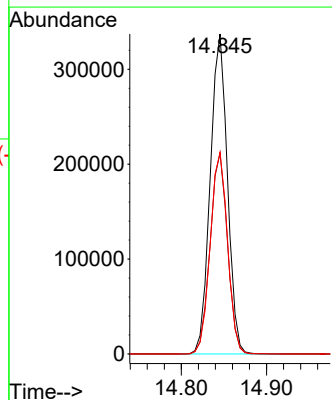
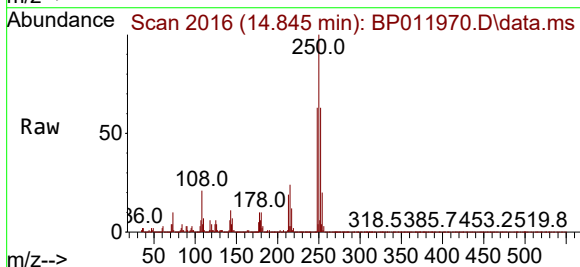
Tgt Ion:250 Resp: 472953

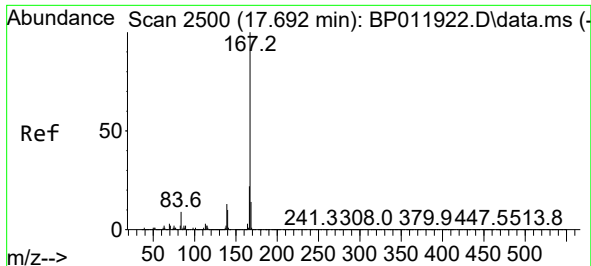
Ion Ratio Lower Upper

250 100

248 62.8 51.4 77.0

252 63.0 51.5 77.3

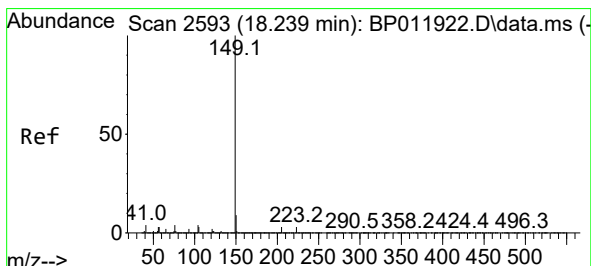
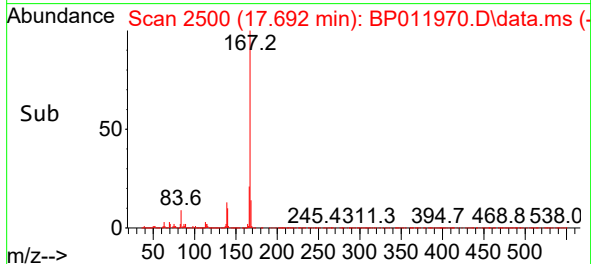
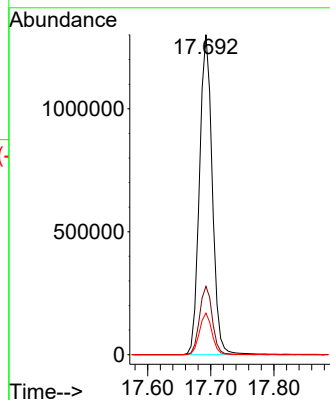
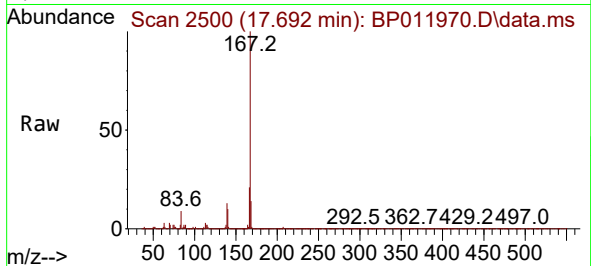




#77
 Carbazole
 Concen: 32.887 ng/ul
 RT: 17.692 min Scan# 2500
 Delta R.T. -0.000 min
 Lab File: BP011970.D
 Acq: 06 Oct 2022 15:05

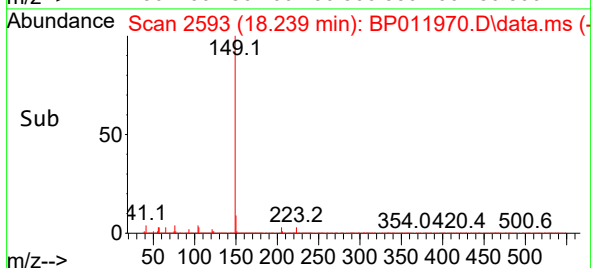
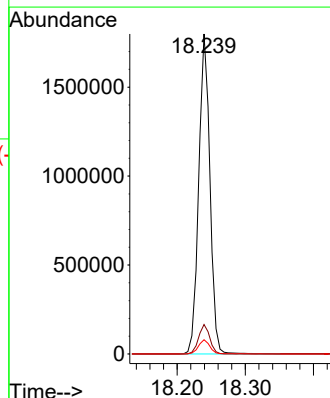
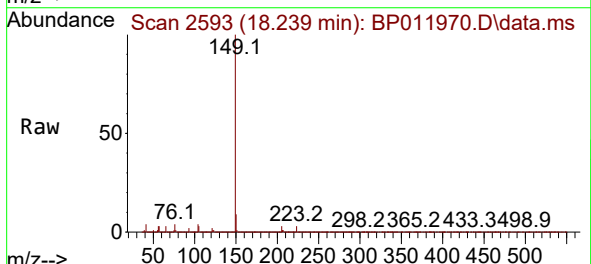
Instrument :
 BNA_P
 ClientSampleId :

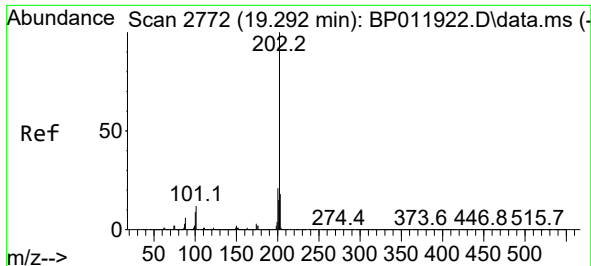
Tgt Ion:167 Resp: 1826200
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.0 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 30.095 ng/ul
 RT: 18.239 min Scan# 2593
 Delta R.T. -0.000 min
 Lab File: BP011970.D
 Acq: 06 Oct 2022 15:05

Tgt Ion:149 Resp: 2046523
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.4 3.6 5.4

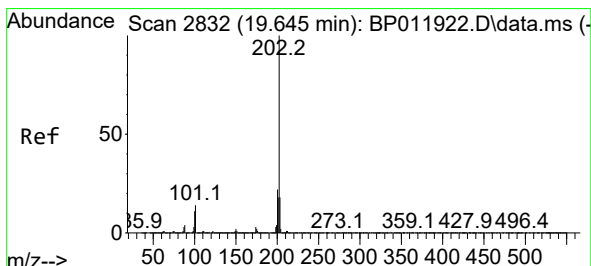
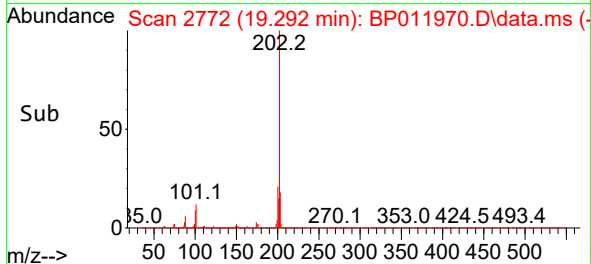
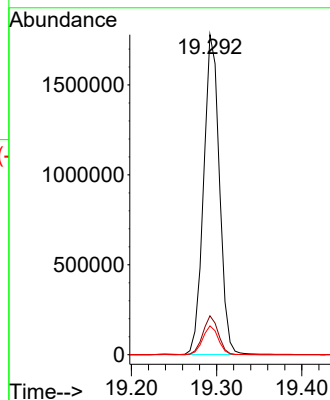
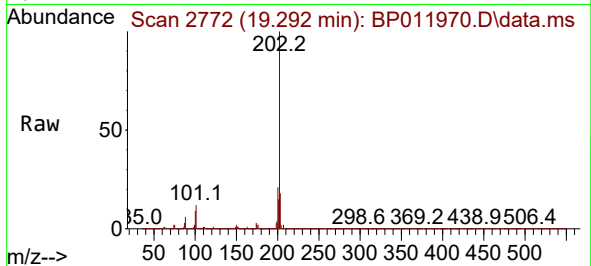




#80
Fluoranthene
Concen: 32.145 ng/ul
RT: 19.292 min Scan# 2772
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

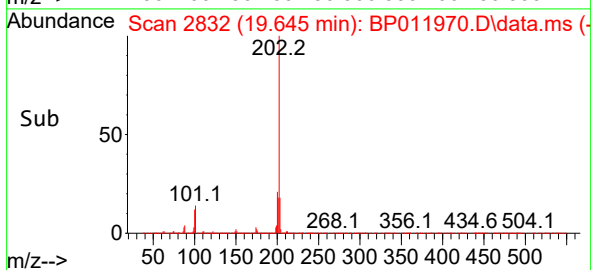
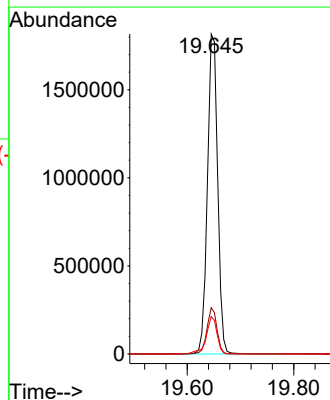
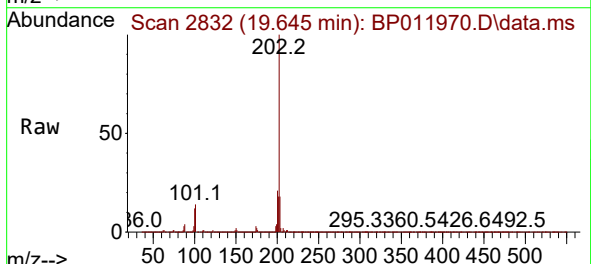
Instrument :
BNA_P
ClientSampleId :

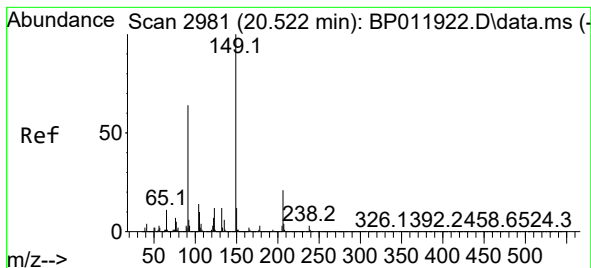
Tgt Ion:202 Resp: 2291733
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
100 9.0 7.4 11.0



#82
Pyrene
Concen: 32.482 ng/ul
RT: 19.645 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BP011970.D
Acq: 06 Oct 2022 15:05

Tgt Ion:202 Resp: 2411103
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.7 9.4 14.0





#83

Butylbenzylphthalate

Concen: 31.067 ng/ul

RT: 20.522 min Scan# 2981

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

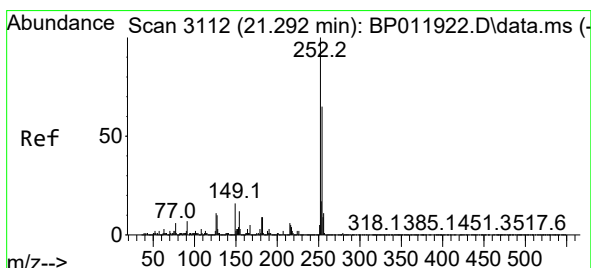
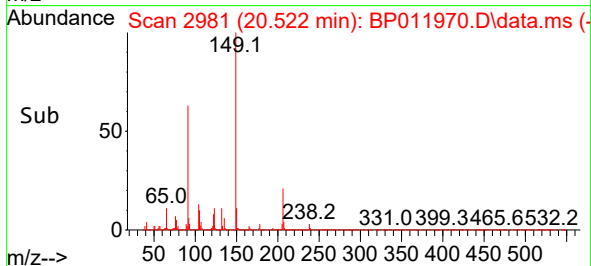
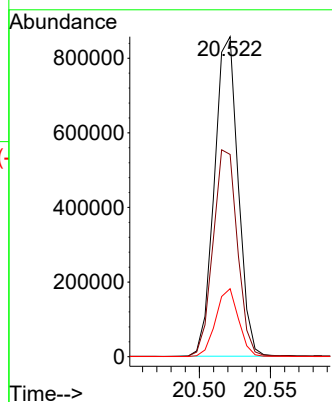
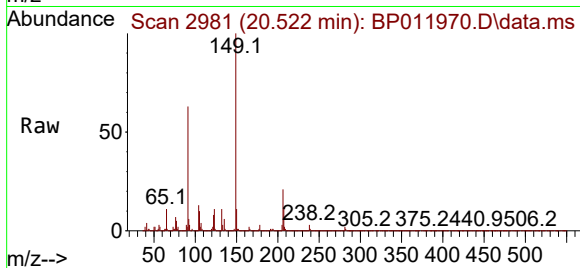
Tgt Ion:149 Resp: 996665

Ion Ratio Lower Upper

149 100

91 63.2 50.2 75.4

206 21.2 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 32.292 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

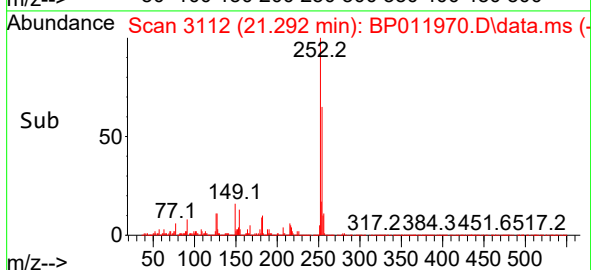
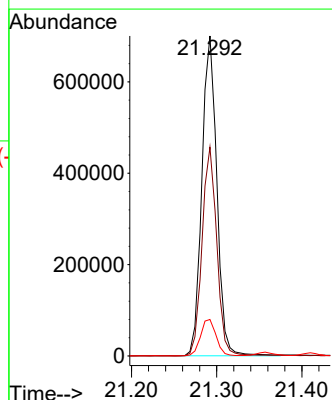
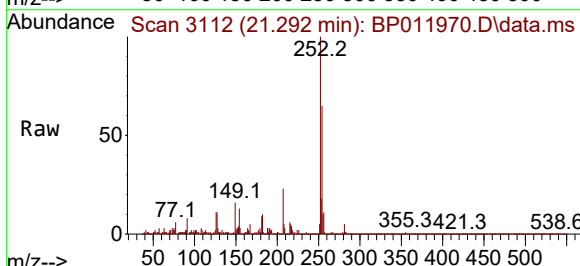
Tgt Ion:252 Resp: 855137

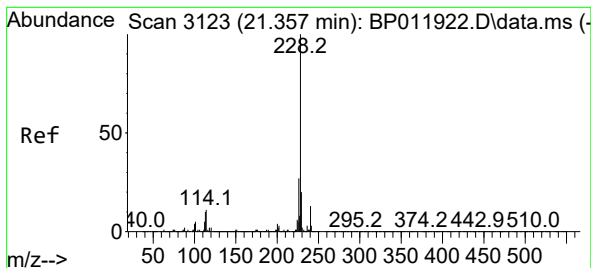
Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

126 11.4 8.9 13.3





#85

Benzo(a)anthracene

Concen: 32.069 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

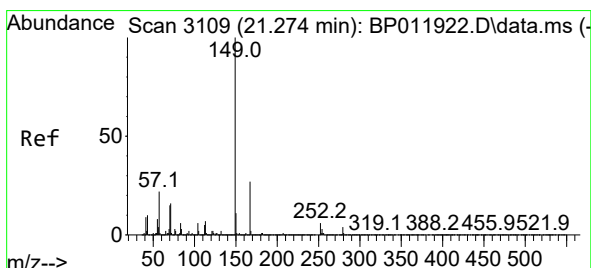
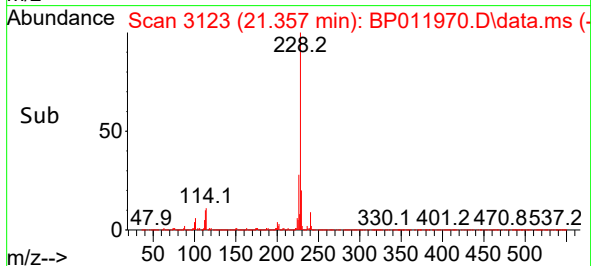
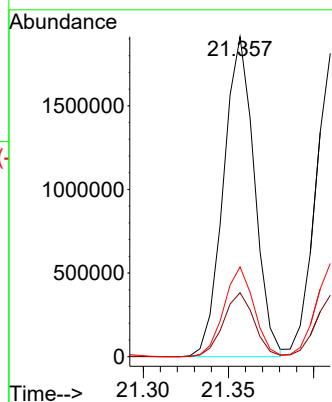
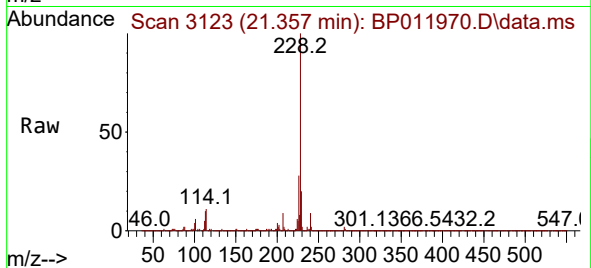
Tgt Ion:228 Resp: 2412294

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 28.1 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 30.202 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

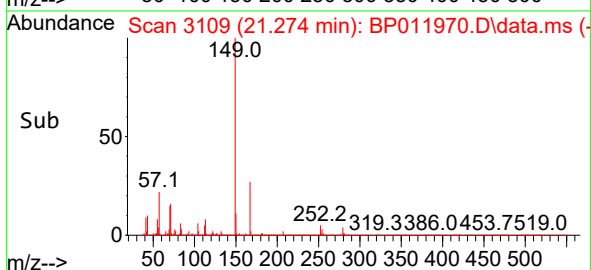
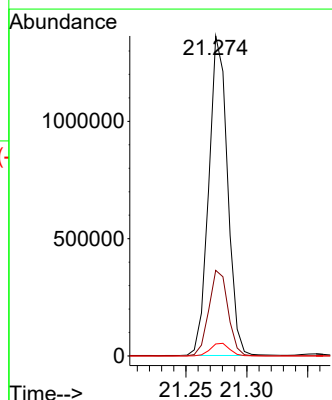
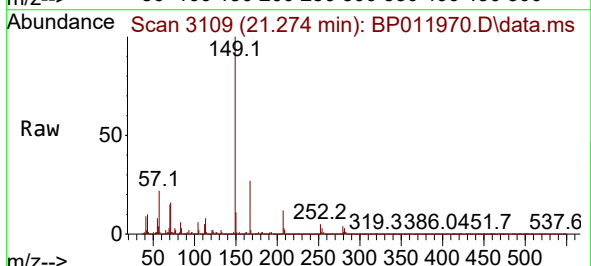
Tgt Ion:149 Resp: 1459488

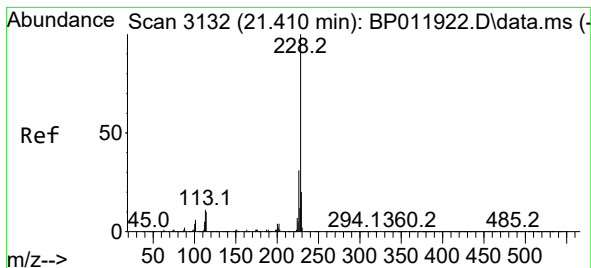
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 3.8 2.9 4.3





#87

Chrysene

Concen: 32.213 ng/ul

RT: 21.410 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

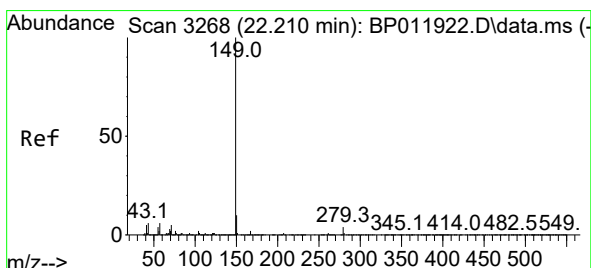
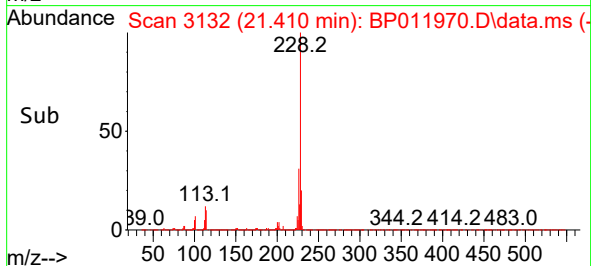
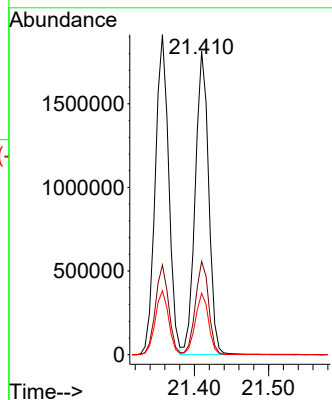
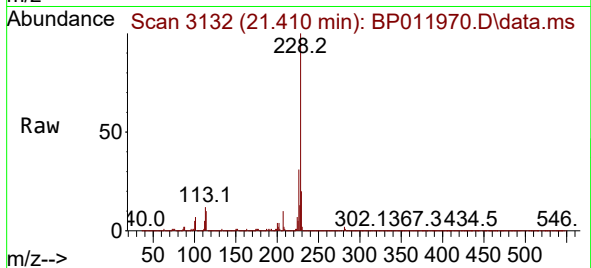
Tgt Ion:228 Resp: 2274071

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

229 20.2 16.2 24.2



#89

Di-n-octyl phthalate

Concen: 33.054 ng/ul

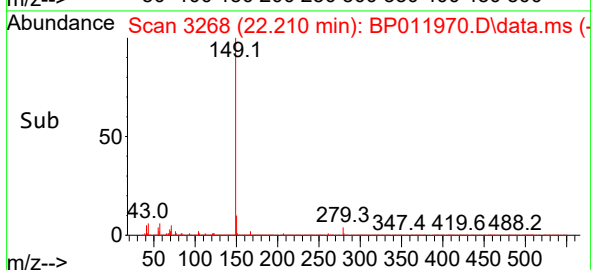
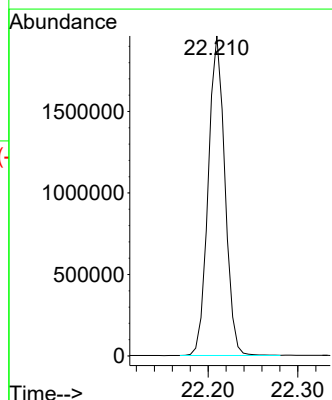
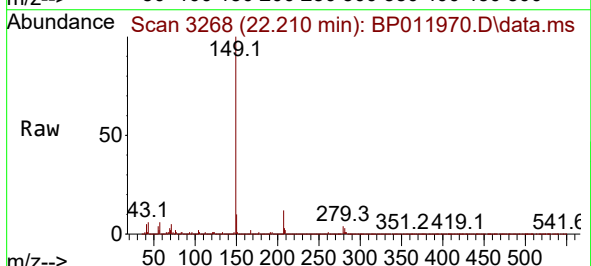
RT: 22.210 min Scan# 3268

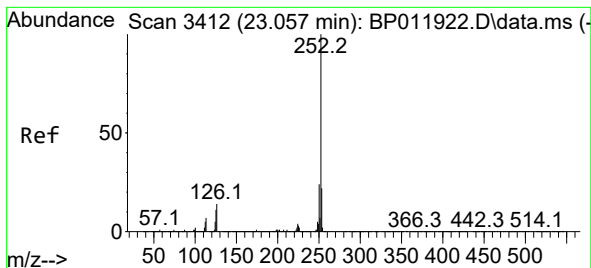
Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Tgt Ion:149 Resp: 2524575





#90

Benzo(b)fluoranthene

Concen: 33.996 ng/ul

RT: 23.057 min Scan# 3412

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

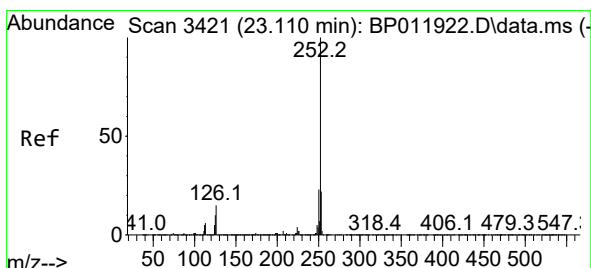
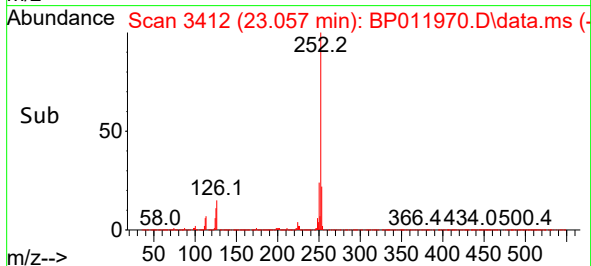
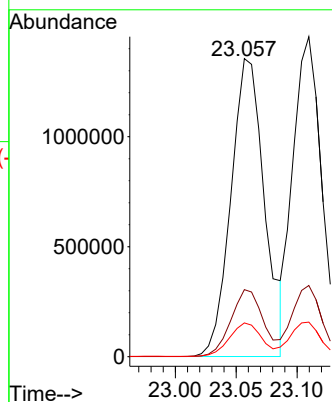
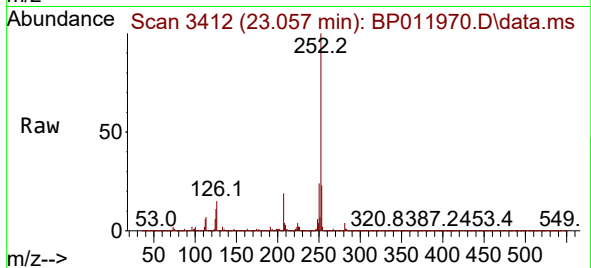
Tgt Ion:252 Resp: 2597652

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.3 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 32.444 ng/ul

RT: 23.110 min Scan# 3421

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

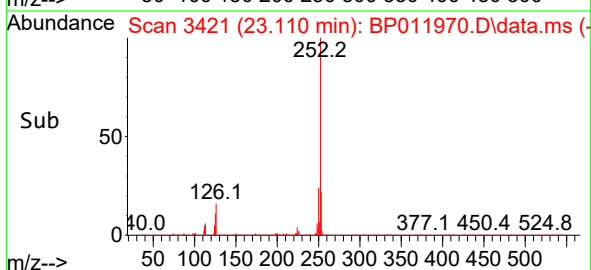
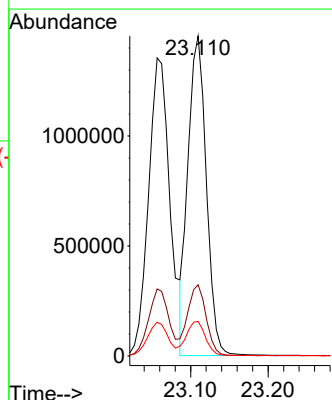
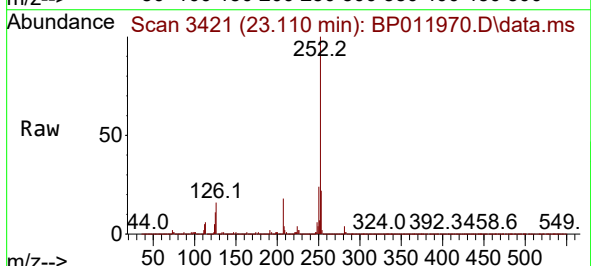
Tgt Ion:252 Resp: 2387263

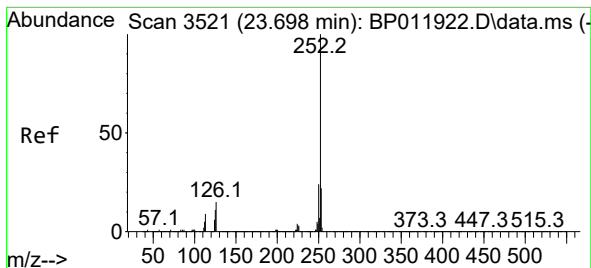
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 10.8 9.2 13.8





#93

Benzo(a)pyrene

Concen: 32.842 ng/ul

RT: 23.698 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

Instrument :

BNA_P

ClientSampleId :

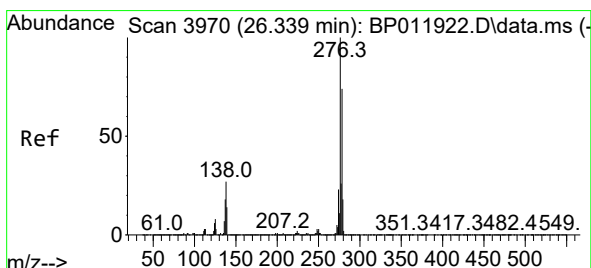
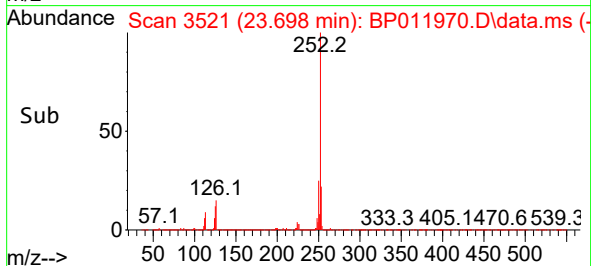
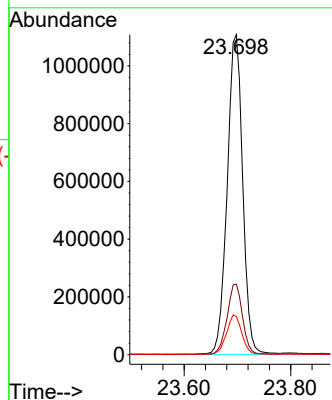
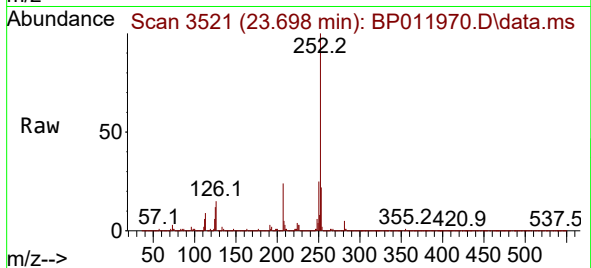
Tgt Ion:252 Resp: 2239485

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.9 9.8 14.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.616 ng/ul

RT: 26.333 min Scan# 3969

Delta R.T. -0.006 min

Lab File: BP011970.D

Acq: 06 Oct 2022 15:05

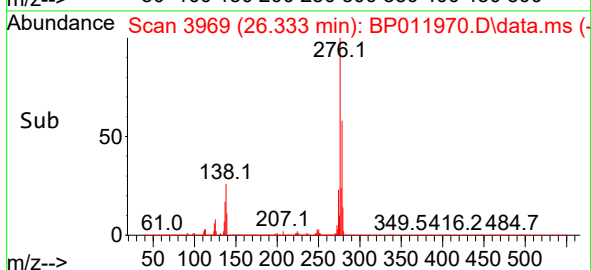
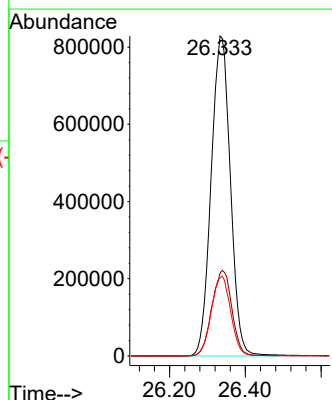
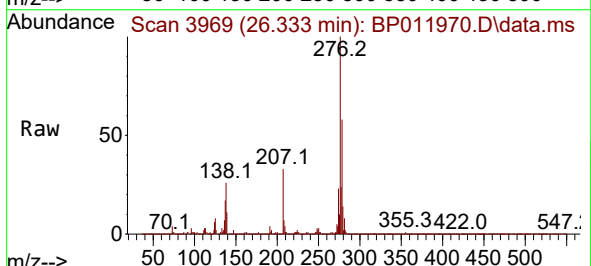
Tgt Ion:276 Resp: 2917655

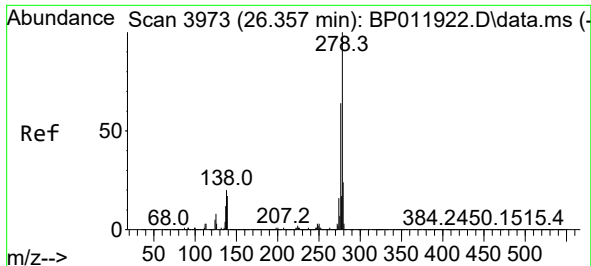
Ion Ratio Lower Upper

276 100

138 25.9 21.4 32.0

277 24.4 19.9 29.9

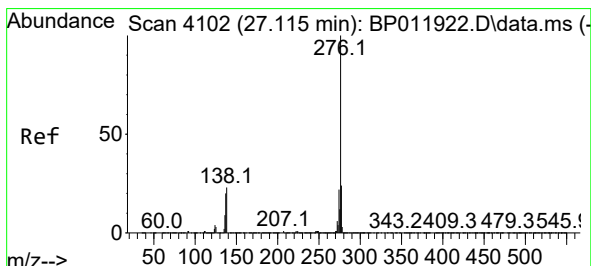
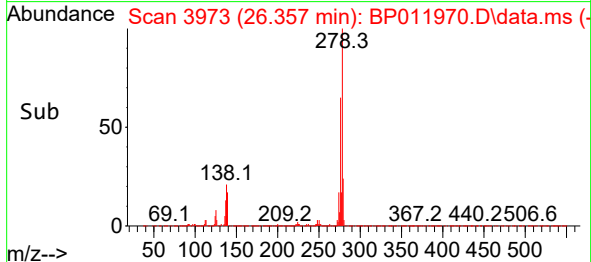
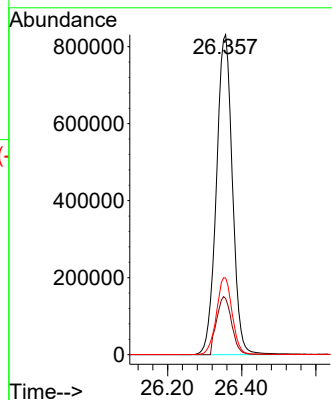
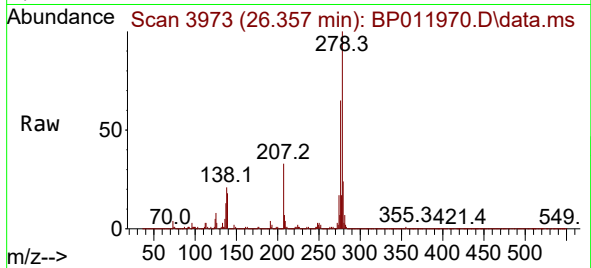




#95
 Dibenzo(a,h)anthracene
 Concen: 32.316 ng/ul
 RT: 26.357 min Scan# 3973
 Delta R.T. -0.000 min
 Lab File: BP011970.D
 Acq: 06 Oct 2022 15:05

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 2491620
 Ion Ratio Lower Upper
 278 100
 139 17.5 15.0 22.6
 279 24.0 19.0 28.6



#96
 Benzo(g,h,i)perylene
 Concen: 31.646 ng/ul
 RT: 27.115 min Scan# 4102
 Delta R.T. -0.000 min
 Lab File: BP011970.D
 Acq: 06 Oct 2022 15:05

Tgt Ion:276 Resp: 2435076
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.8 29.6
 277 23.2 18.6 27.8

