

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012224.D
 Acq On : 20 Oct 2022 21:06
 Operator : CG/JU
 Sample : PB148441BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 20 23:26:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	411760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	1783735	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	1090790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2178093	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	1507423	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1575606	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	58965	5.795	ng/uL	0.00
4) Pyridine-d5	3.681	84	846337	28.868	ng/ul	0.00
7) Phenol-d5	6.999	99	1191128	33.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	676783	31.393	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	936076	34.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	940785	34.052	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	472645	35.797	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	534729	37.537	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	944780	35.358	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	1217785	32.077	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	2601871	34.291	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	2990203	34.525	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	481506	33.873	ng/ul	0.00
60) Fluorene-d10	15.475	176	2177404	33.356	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	383000	30.910	ng/ul	0.00
73) Anthracene-d10	17.339	188	3254144	34.085	ng/ul	0.00
81) Pyrene-d10	19.574	212	3245521	37.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	2735686	34.623	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	120469	11.002	ng/uL	98
5) Pyridine	3.699	79	801909	27.828	ng/ul	98
6) Benzaldehyde	6.969	77	645090	38.609	ng/ul	97
8) Phenol	7.022	94	1167129	31.383	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.257	93	912187	30.389	ng/ul	98
12) 2-Chlorophenol	7.387	128	948689	32.495	ng/ul	99
13) 2-Methylphenol	8.275	108	888008	31.716	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	1120075	28.060	ng/ul	98
16) Acetophenone	8.657	105	1380624	32.350	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.646	70	680167	31.485	ng/ul	98
18) 4-Methylphenol	8.610	108	970569	31.830	ng/ul	99
19) Hexachloroethane	8.899	117	365391	31.685	ng/ul	96
22) Nitrobenzene	9.040	77	1022838	31.795	ng/ul	96
23) Isophorone	9.569	82	1976320	32.008	ng/ul	99
25) 2-Nitrophenol	9.746	139	553669	34.209	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	1004048	31.472	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.046	93	1246533	30.839	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	907056	32.803	ng/ul	99
30) Naphthalene	10.681	128	2961382	31.042	ng/ul	99
32) 4-Chloroaniline	10.798	127	1169346	29.841	ng/ul	99
33) Hexachlorobutadiene	10.957	225	583606	33.556	ng/ul	99
34) Caprolactam	11.604	113	184759	21.524	ng/ul	98
35) 4-Chloro-3-methylphenol	11.928	107	970348	32.503	ng/ul	100
36) 2-Methylnaphthalene	12.293	142	2001033	30.829	ng/ul	99

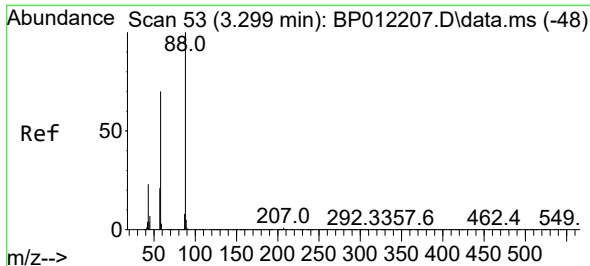
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	1987926	30.672	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	1082614	32.664	ng/ul	100
40) Hexachlorocyclopentadiene	12.634	237	409187	23.221	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	732754	34.256	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	800752	34.316	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	2592885	31.961	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	2046600	31.819	ng/ul	100
45) 2-Nitroaniline	13.563	65	586917	34.323	ng/ul	98
47) Dimethylphthalate	13.939	163	2577676	32.420	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	554396	36.440	ng/ul	99
50) Acenaphthylene	14.198	152	3146429	32.604	ng/ul	100
51) 3-Nitroaniline	14.398	138	575537	35.839	ng/ul	92
52) Acenaphthene	14.539	153	2142929	31.399	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	254409	27.849	ng/ul	95
55) 4-Nitrophenol	14.710	109	348651	33.013	ng/ul	90
56) Dibenzofuran	14.875	168	2951142	31.587	ng/ul	97
57) 2,4-Dinitrotoluene	14.851	165	773477	35.624	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	676305	34.283	ng/ul	99
59) Diethylphthalate	15.304	149	2588096	33.118	ng/ul	99
61) Fluorene	15.528	166	2322836	31.381	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	1183953	32.096	ng/ul	96
63) 4-Nitroaniline	15.563	138	557919	37.009	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	381441	29.325	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	2095697	33.151	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	816743	35.417	ng/ul	99
69) Hexachlorobenzene	16.533	284	937207	34.477	ng/ul	99
70) Atrazine	16.704	200	765209	34.674	ng/ul	100
71) Pentachlorophenol	16.886	266	539242	32.863	ng/ul	98
72) Phenanthrene	17.280	178	3711961	31.709	ng/ul	100
74) Anthracene	17.375	178	3711878	32.047	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.269	216	1126053	34.646	ng/uL	99
76) Pentachlorobenzene	14.792	250	1092317	31.906	ng/uL	100
77) Carbazole	17.651	167	3312047	32.401	ng/ul	100
78) Di-n-butylphthalate	18.192	149	4392449	35.820	ng/ul	99
80) Fluoranthene	19.251	202	3954940	37.292	ng/ul	96
82) Pyrene	19.604	202	3865390	35.624	ng/ul	94
83) Butylbenzylphthalate	20.474	149	1728299	40.953	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.251	252	1001199	30.495	ng/ul	98
85) Benzo(a)anthracene	21.316	228	3234348	32.921	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	2392936	40.472	ng/ul	99
87) Chrysene	21.368	228	3026215	33.009	ng/ul	100
89) Di-n-octyl phthalate	22.157	149	3778484	34.672	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	3202661	30.500	ng/ul	99
91) Benzo(k)fluoranthene	23.051	252	3245275	31.354	ng/ul	98
93) Benzo(a)pyrene	23.627	252	2888393	32.167	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.239	276	3893627	37.458	ng/ul	98
95) Dibenzo(a,h)anthracene	26.256	278	3375653	36.022	ng/ul	99
96) Benzo(g,h,i)perylene	27.009	276	3255862	33.360	ng/ul	98

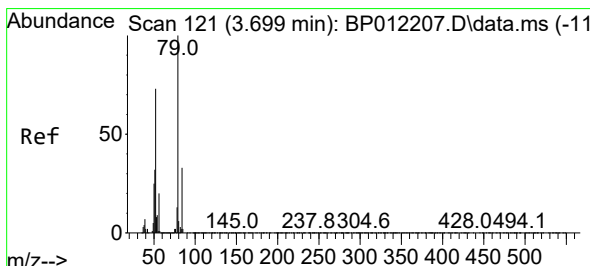
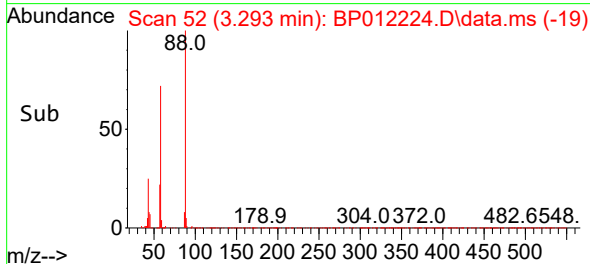
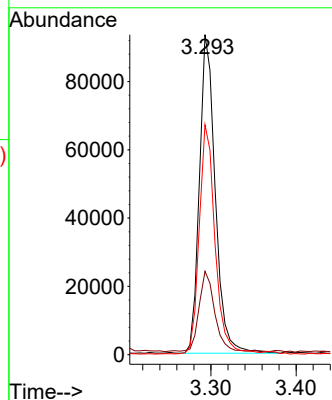
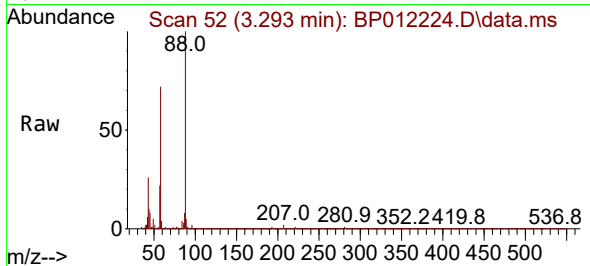
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#2
1,4-Dioxane
Concen: 11.002 ng/uL
RT: 3.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

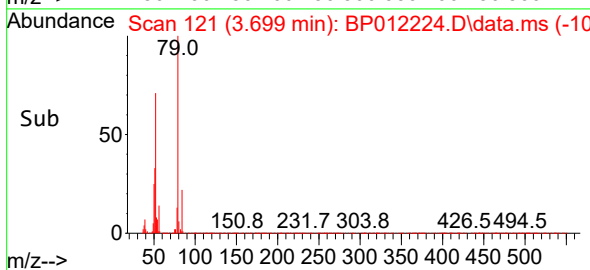
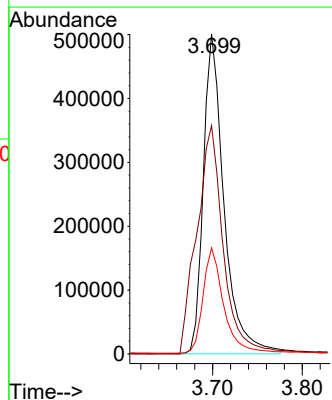
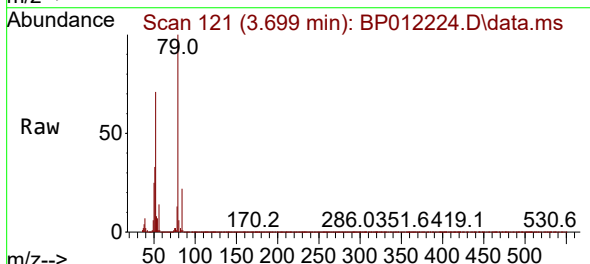
Instrument :
BNA_P
ClientSampleId :

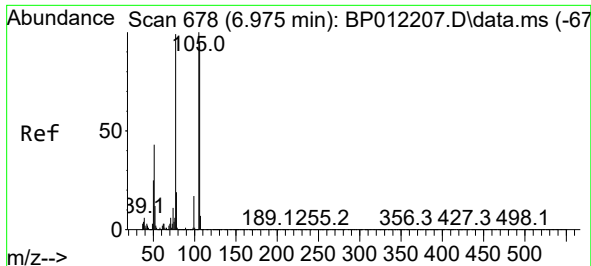
Tgt Ion: 88 Resp: 120469
Ion Ratio Lower Upper
88 100
43 26.0 20.6 30.8
58 71.8 56.1 84.1



#5
Pyridine
Concen: 27.828 ng/uL
RT: 3.699 min Scan# 121
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion: 79 Resp: 801909
Ion Ratio Lower Upper
79 100
52 71.4 59.4 89.2
51 33.2 26.5 39.7

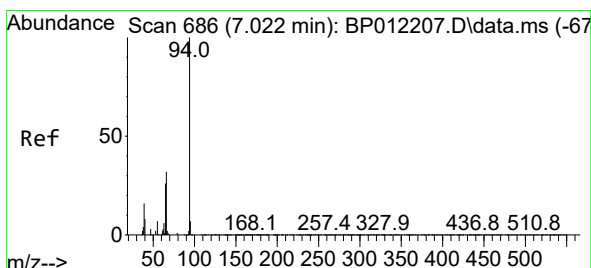
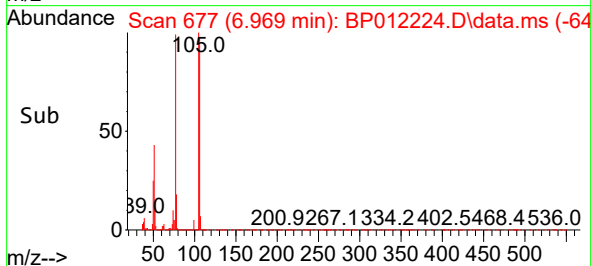
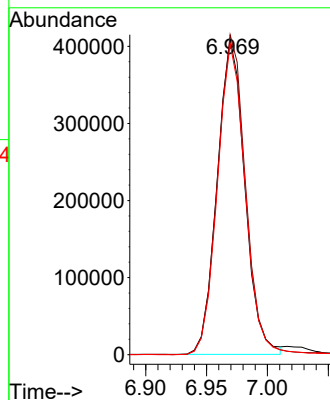
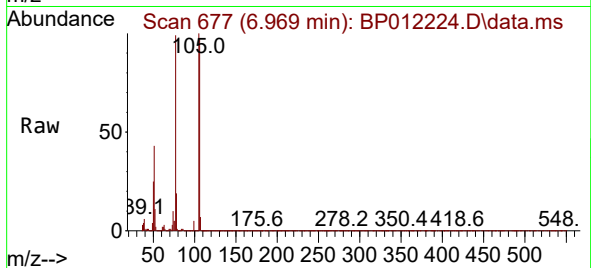




#6
Benzaldehyde
Concen: 38.609 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

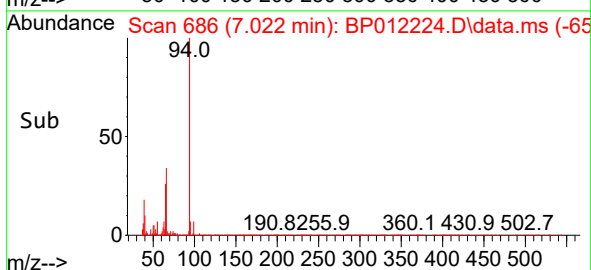
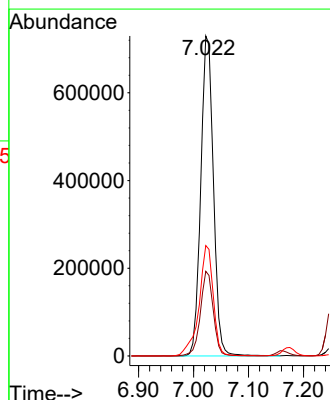
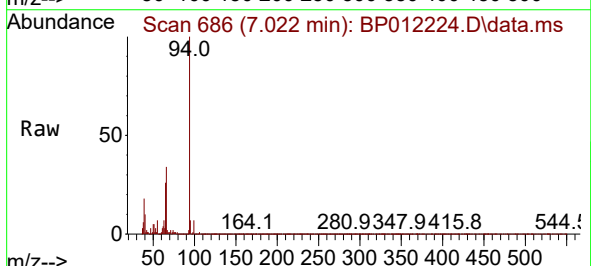
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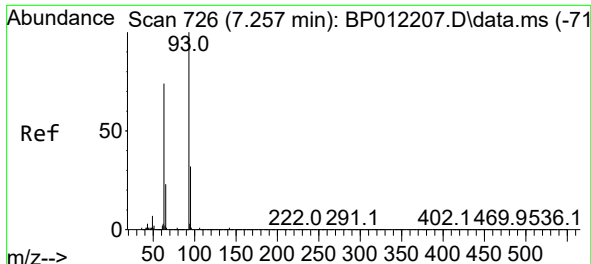
Tgt Ion: 77 Resp: 645090
Ion Ratio Lower Upper
77 100
105 101.4 79.0 118.6
106 98.4 76.4 114.6



#8
Phenol
Concen: 31.383 ng/ul
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion: 94 Resp: 1167129
Ion Ratio Lower Upper
94 100
65 26.4 20.6 31.0
66 34.5 26.2 39.4

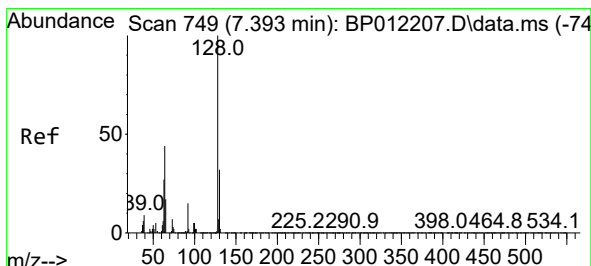
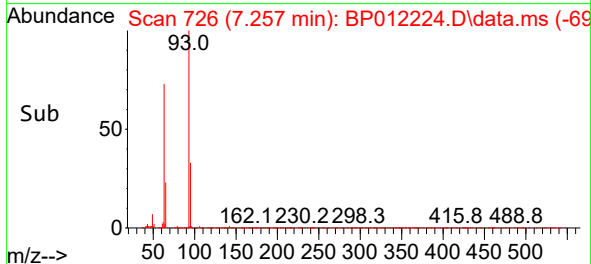
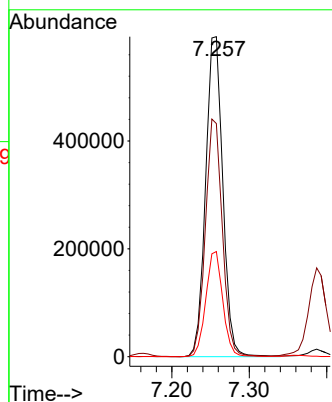
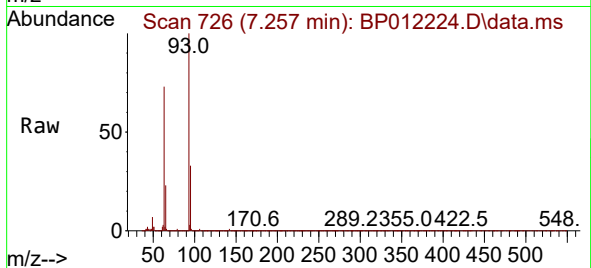




#10
Bis(2-Chloroethyl)ether
Concen: 30.389 ng/ul
RT: 7.257 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

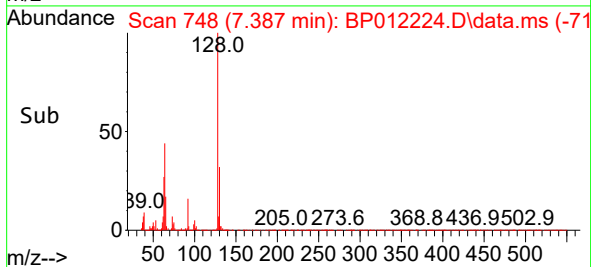
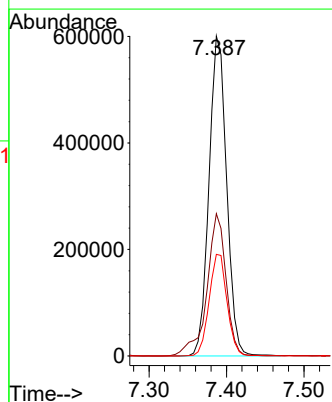
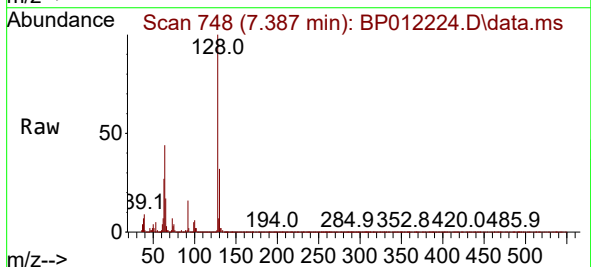
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ClientSampleId :

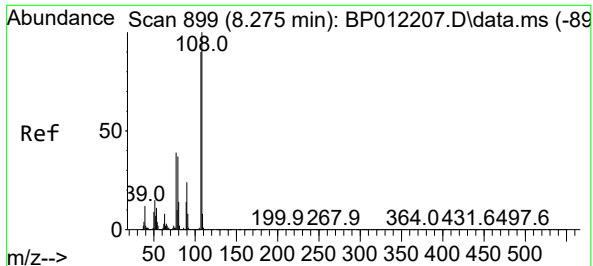
Tgt Ion: 93 Resp: 912187
Ion Ratio Lower Upper
93 100
63 72.8 60.2 90.2
95 32.8 26.1 39.1



#12
2-Chlorophenol
Concen: 32.495 ng/ul
RT: 7.387 min Scan# 748
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:128 Resp: 948689
Ion Ratio Lower Upper
128 100
64 44.5 35.4 53.2
130 31.7 26.1 39.1





#13

2-Methylphenol

Concen: 31.716 ng/ul

RT: 8.275 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

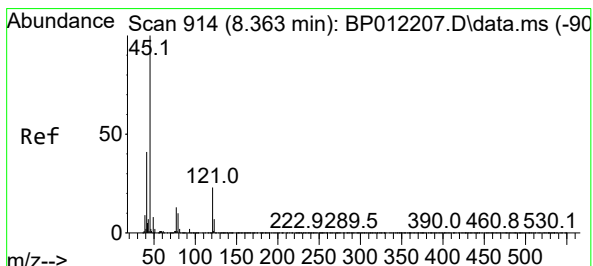
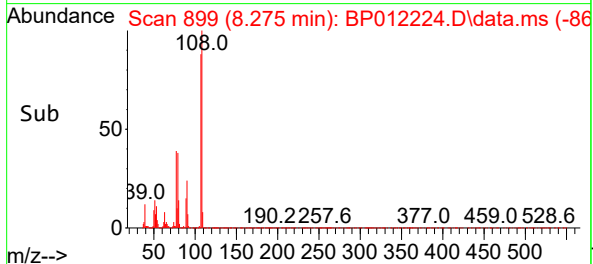
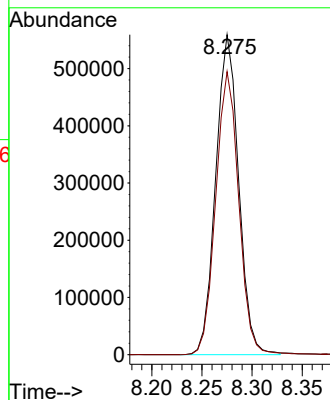
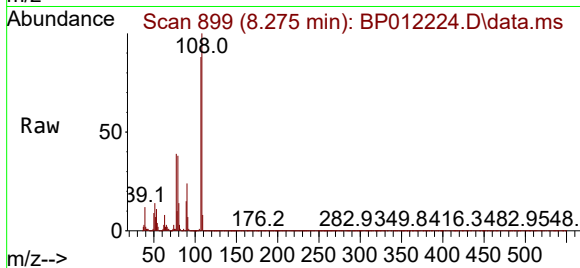
ClientSampleId :

Tgt Ion:108 Resp: 888008

Ion Ratio Lower Upper

108 100

107 88.5 71.1 106.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.060 ng/ul

RT: 8.363 min Scan# 914

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

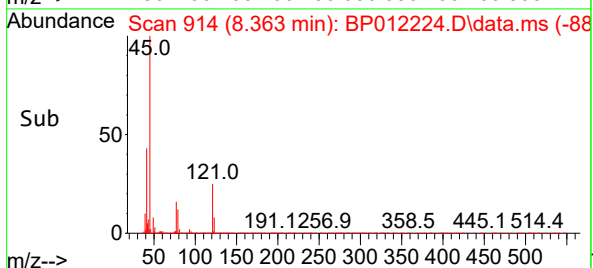
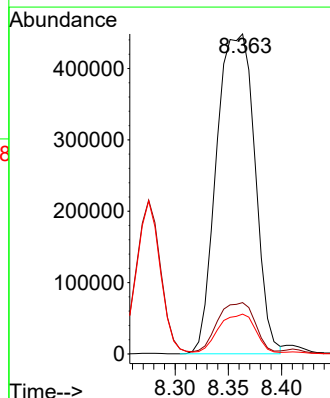
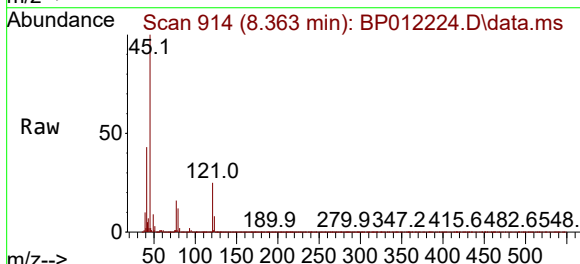
Tgt Ion: 45 Resp: 1120075

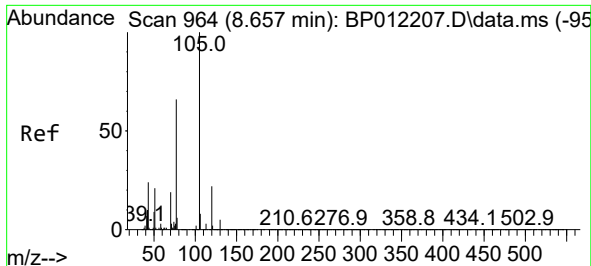
Ion Ratio Lower Upper

45 100

77 16.0 12.1 18.1

79 12.5 9.3 13.9

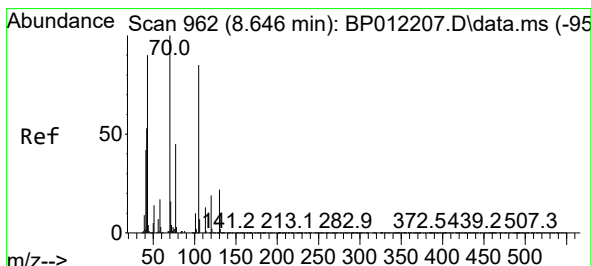
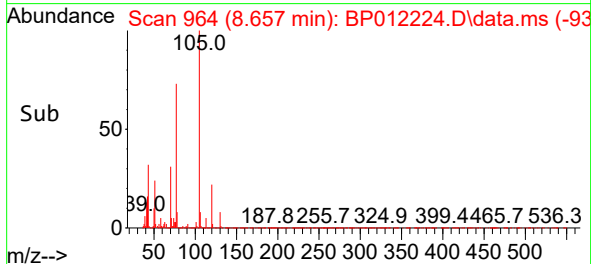
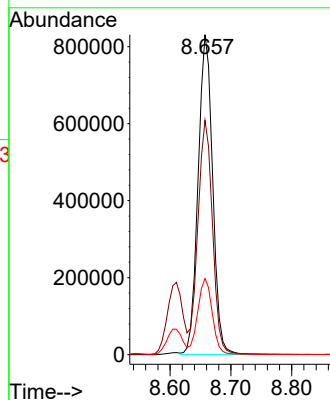
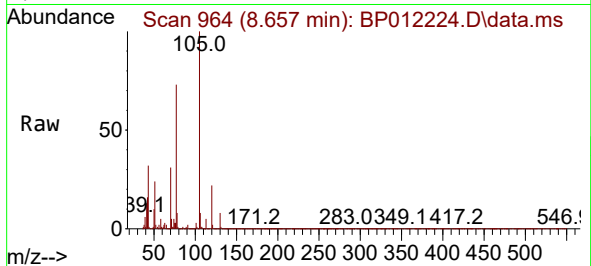




#16
Acetophenone
Concen: 32.350 ng/ul
RT: 8.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

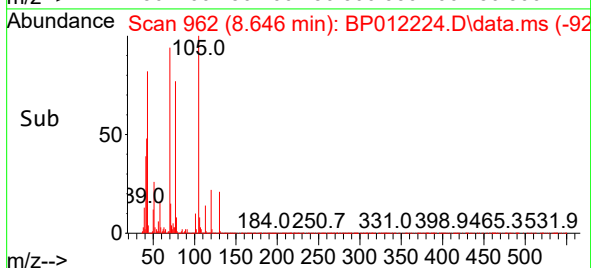
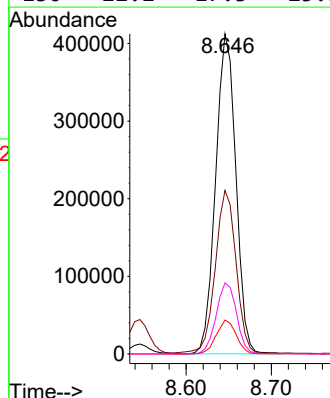
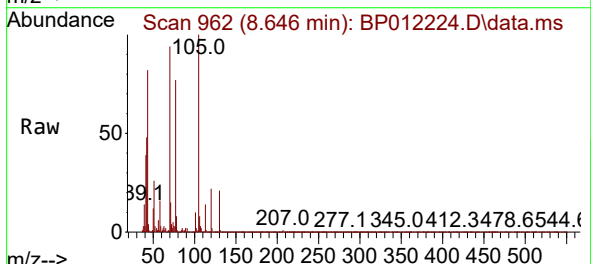
Instrument :
BNA_P
ClientSampleId :

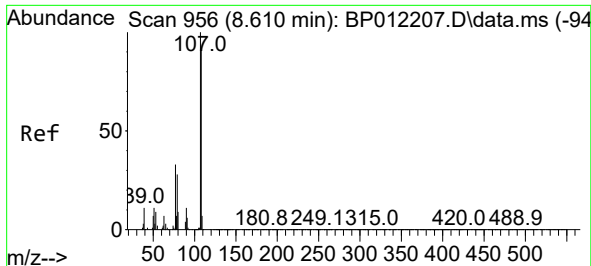
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Ion Ratio Lower Upper
105 100
77 73.2 60.0 90.0
51 23.8 20.1 30.1



#17
N-Nitroso-di-n-propylamine
Concen: 31.485 ng/ul
RT: 8.646 min Scan# 962
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion: 70 Resp: 680167
Ion Ratio Lower Upper
70 100
42 51.1 42.4 63.6
101 10.6 7.6 11.4
130 22.2 17.3 25.9

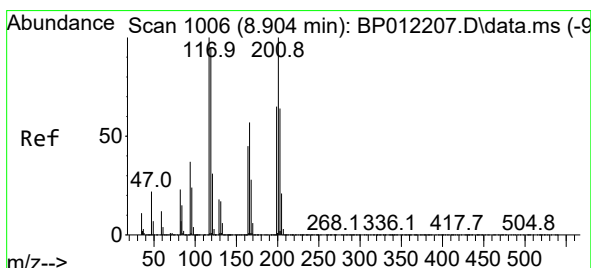
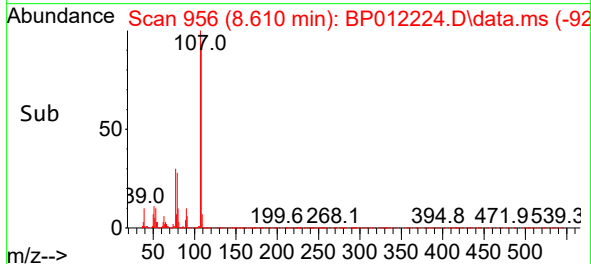
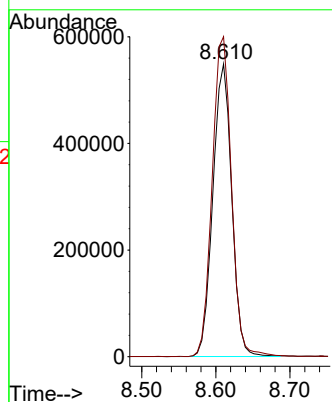
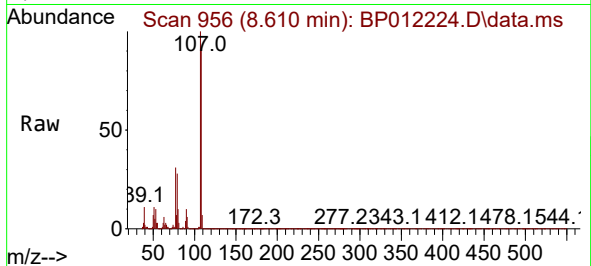




#18
4-Methylphenol
Concen: 31.830 ng/ul
RT: 8.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

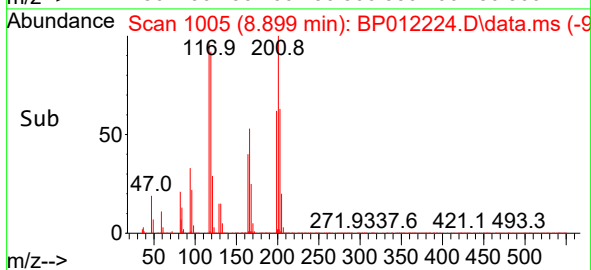
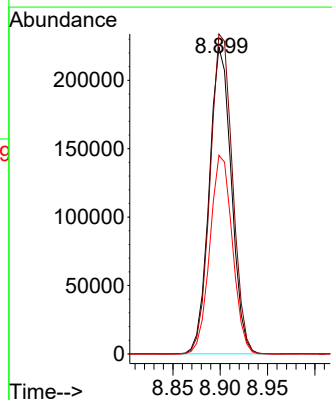
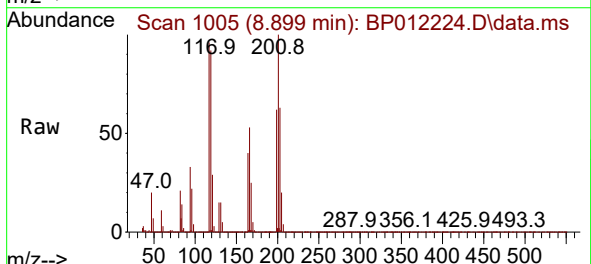
Instrument :
BNA_P
ClientSampleId :

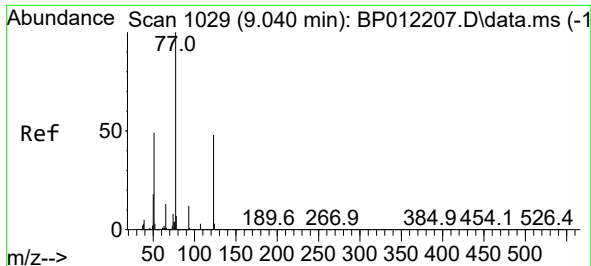
Tgt Ion:108 Resp: 970569
Ion Ratio Lower Upper
108 100
107 109.3 86.6 130.0



#19
Hexachloroethane
Concen: 31.685 ng/ul
RT: 8.899 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:117 Resp: 365391
Ion Ratio Lower Upper
117 100
201 104.3 79.7 119.5
199 64.7 50.7 76.1

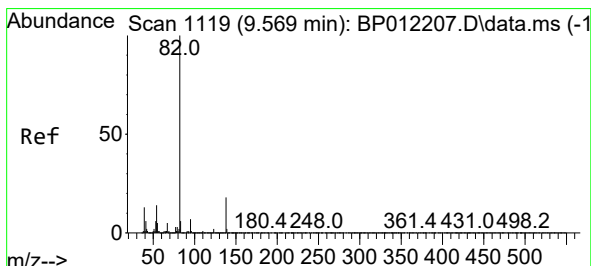
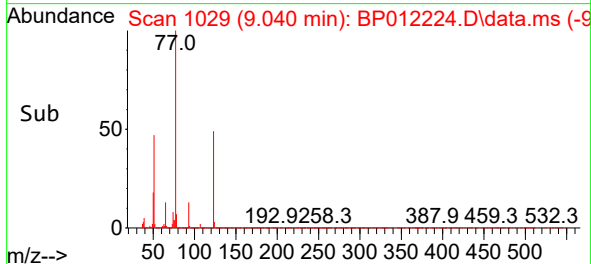
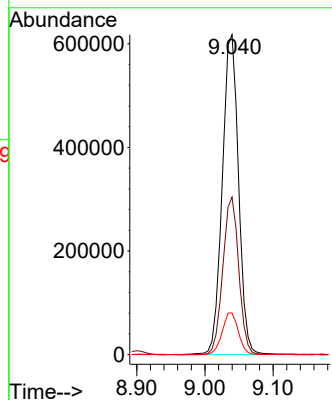
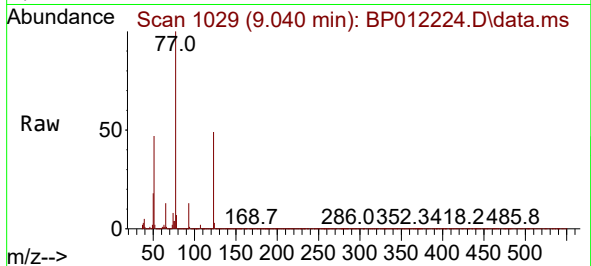




#22
Nitrobenzene
Concen: 31.795 ng/ul
RT: 9.040 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

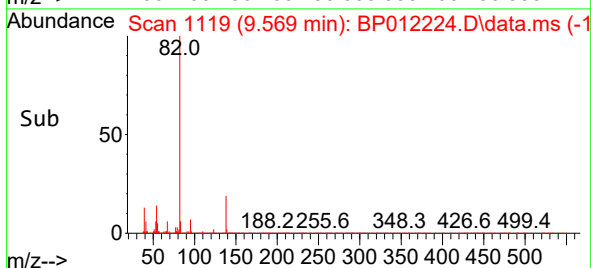
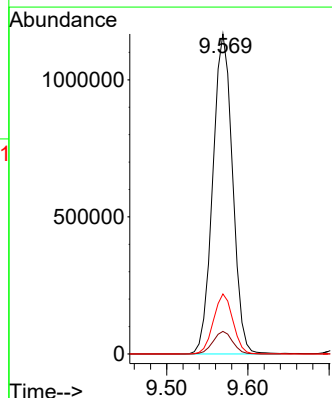
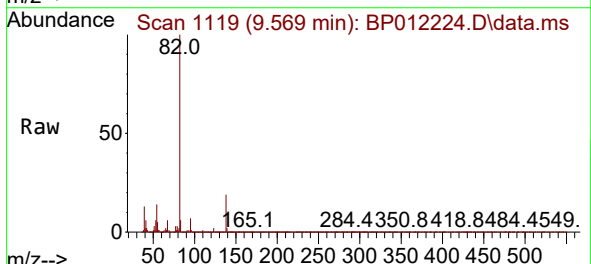
Instrument :
BNA_P
ClientSampleId :

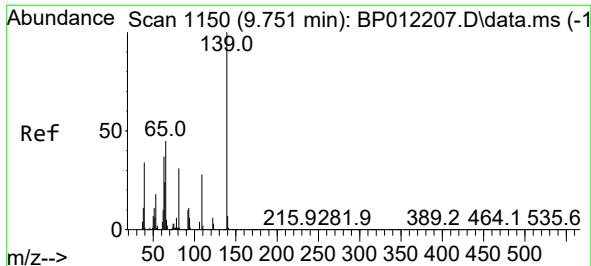
Tgt Ion: 77 Resp: 1022838
Ion Ratio Lower Upper
77 100
123 49.2 37.1 55.7
65 13.0 10.0 15.0



#23
Isophorone
Concen: 32.008 ng/ul
RT: 9.569 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion: 82 Resp: 1976320
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 18.7 14.5 21.7

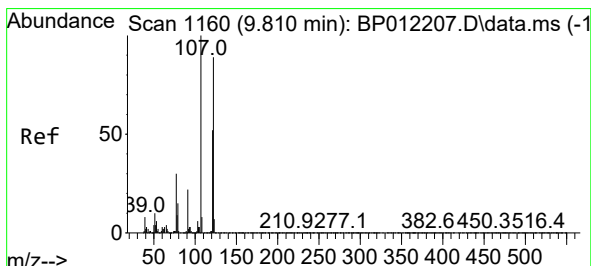
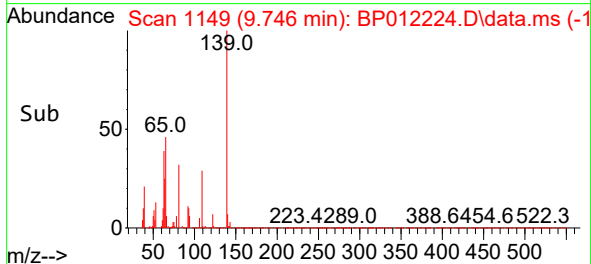
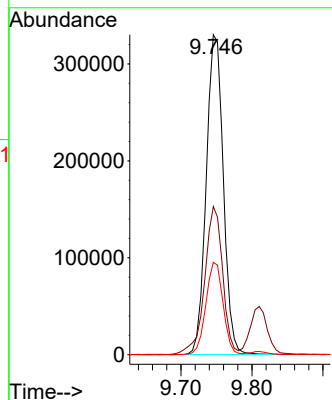
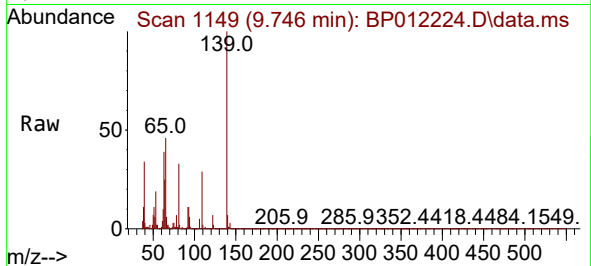




#25
2-Nitrophenol
Concen: 34.209 ng/ul
RT: 9.746 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

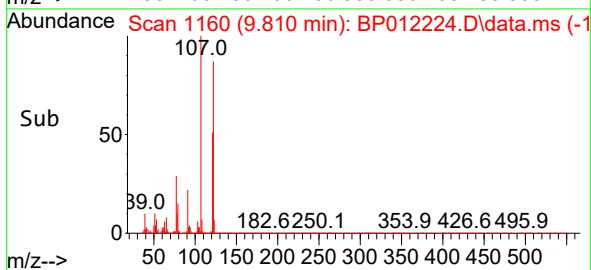
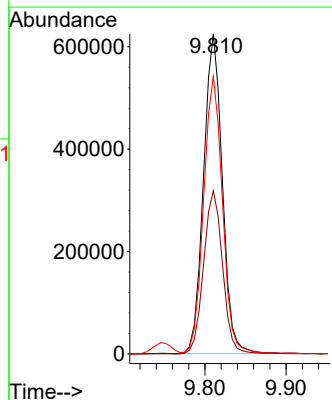
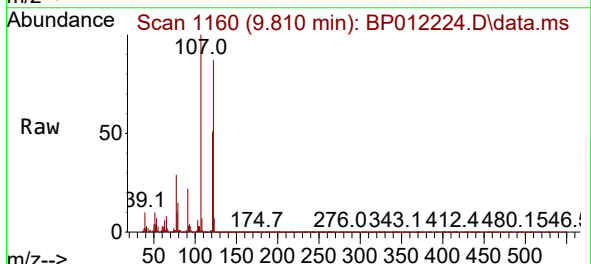
Instrument :
BNA_P
ClientSampleId :

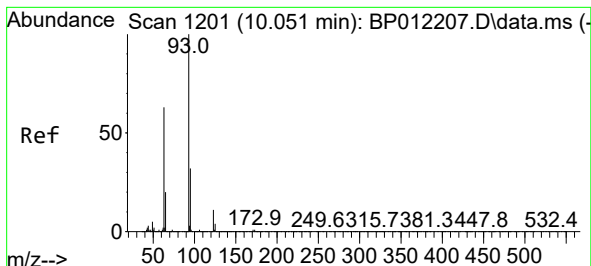
Tgt Ion:139 Resp: 553669
Ion Ratio Lower Upper
139 100
65 46.3 38.0 57.0
109 28.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 31.472 ng/ul
RT: 9.810 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:107 Resp: 1004048
Ion Ratio Lower Upper
107 100
121 51.1 40.6 60.8
122 86.7 71.0 106.6

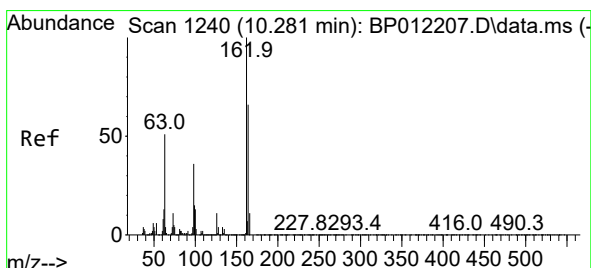
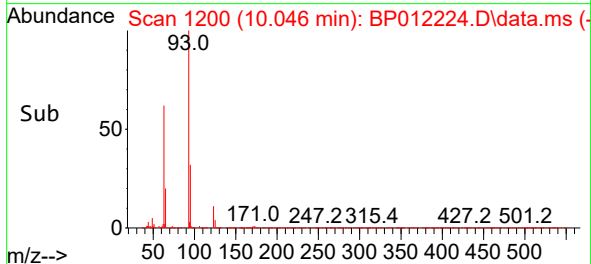
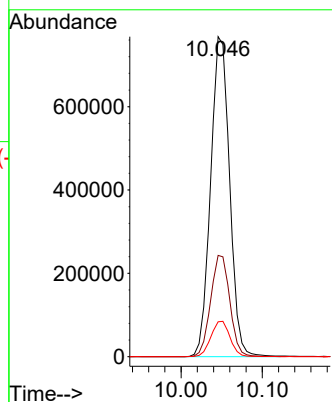
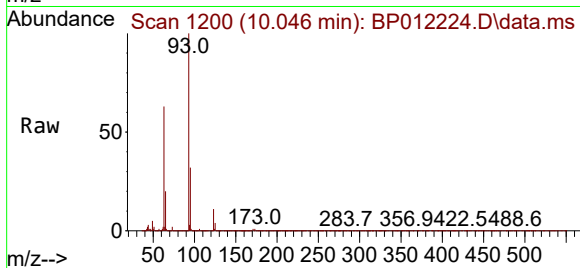




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.839 ng/ul
 RT: 10.046 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP012224.D
 Acq: 20 Oct 2022 21:06

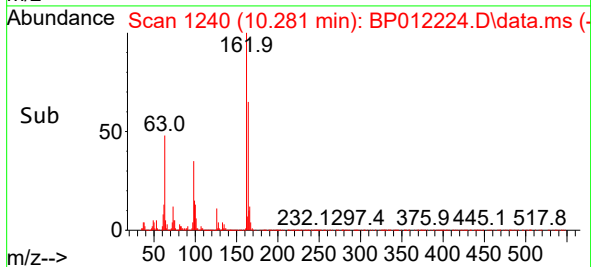
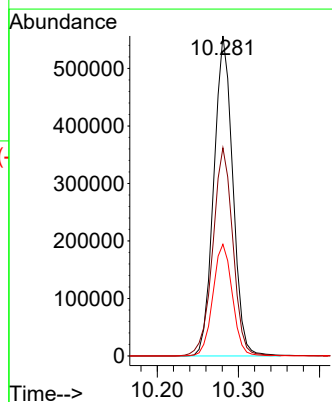
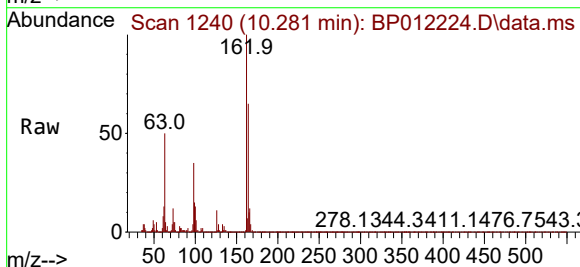
Instrument :
 BNA_P
 ClientSampleId :

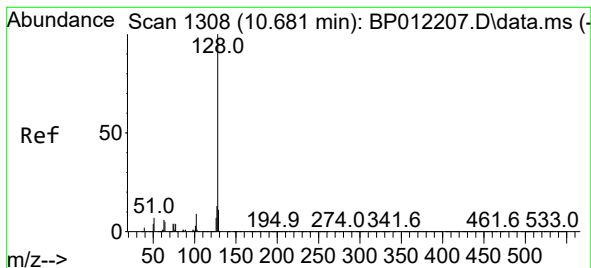
Tgt Ion: 93 Resp: 1246533
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.2 39.4
 123 10.9 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 32.803 ng/ul
 RT: 10.281 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: BP012224.D
 Acq: 20 Oct 2022 21:06

Tgt Ion: 162 Resp: 907056
 Ion Ratio Lower Upper
 162 100
 164 65.0 51.2 76.8
 98 34.9 28.3 42.5





#30

Naphthalene

Concen: 31.042 ng/ul

RT: 10.681 min Scan# 1308

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

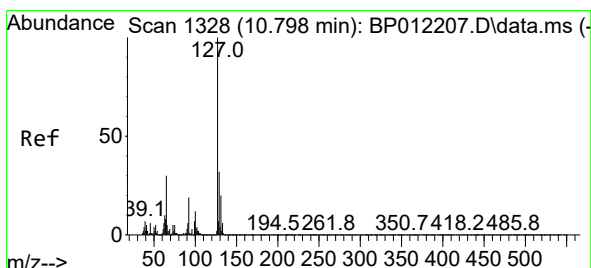
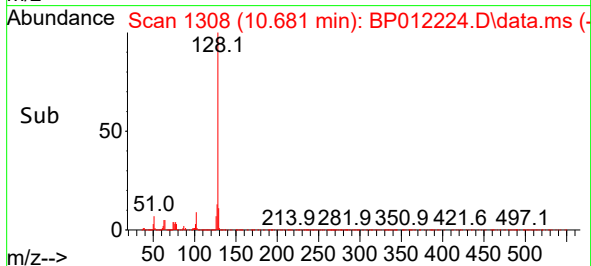
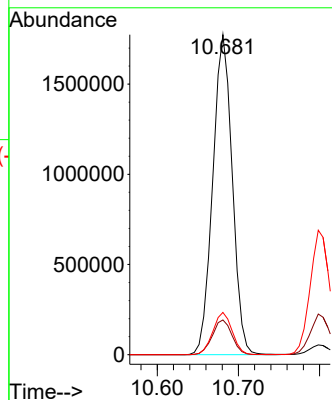
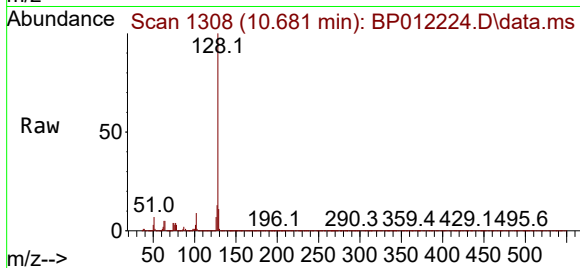
Tgt Ion:128 Resp: 2961382

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.2 10.2 15.4



#32

4-Chloroaniline

Concen: 29.841 ng/ul

RT: 10.798 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BP012224.D

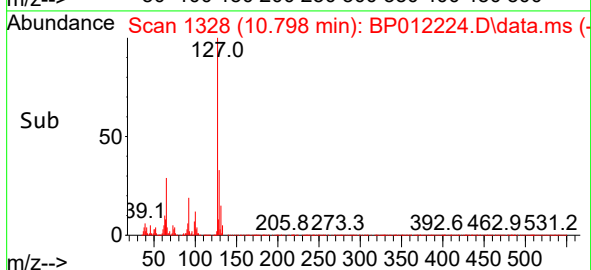
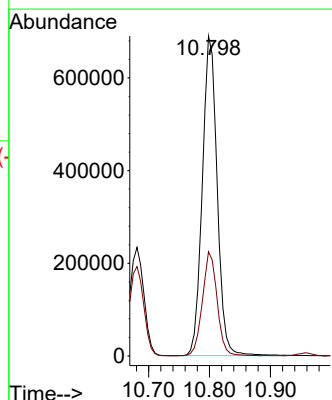
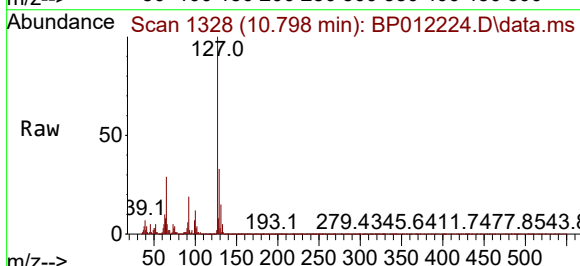
Acq: 20 Oct 2022 21:06

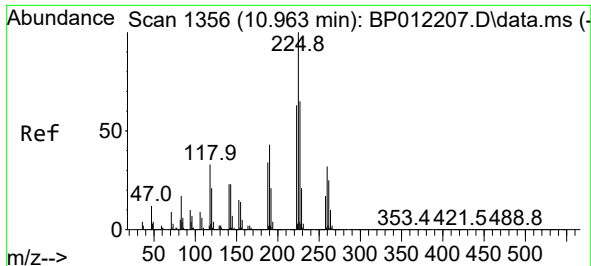
Tgt Ion:127 Resp: 1169346

Ion Ratio Lower Upper

127 100

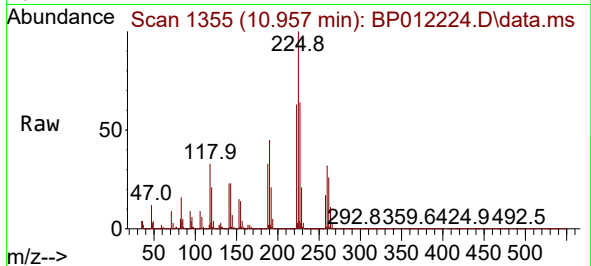
129 32.6 25.6 38.4



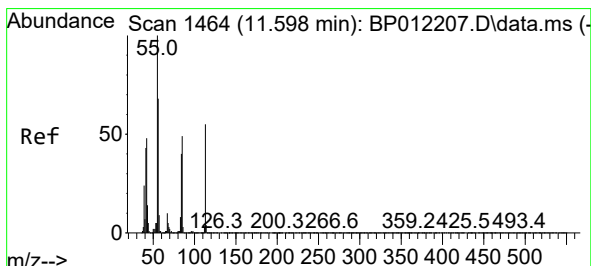
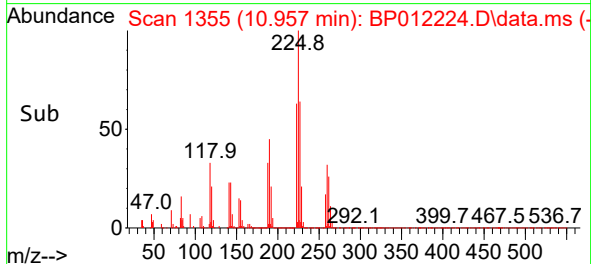
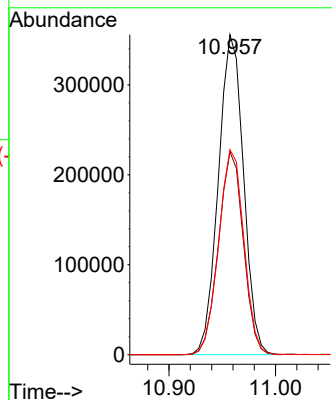


#33
Hexachlorobutadiene
Concen: 33.556 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Instrument :
BNA_P
ClientSampleId :

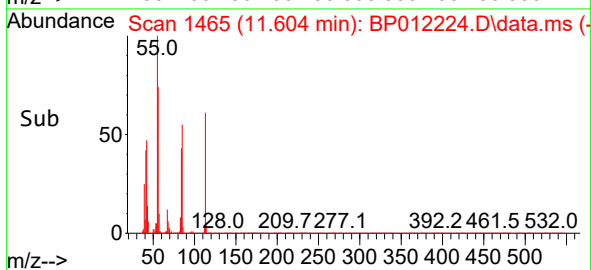
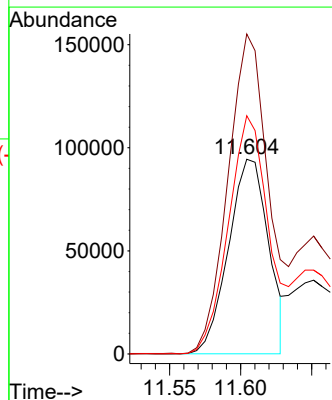
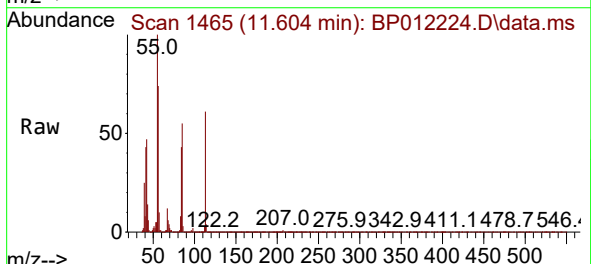


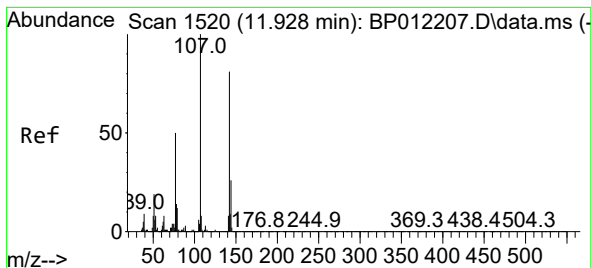
Tgt Ion:225 Resp: 583606
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.4
227 64.0 51.9 77.9



#34
Caprolactam
Concen: 21.524 ng/ul
RT: 11.604 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:113 Resp: 184759
Ion Ratio Lower Upper
113 100
55 164.3 133.7 200.5
56 122.3 95.4 143.2

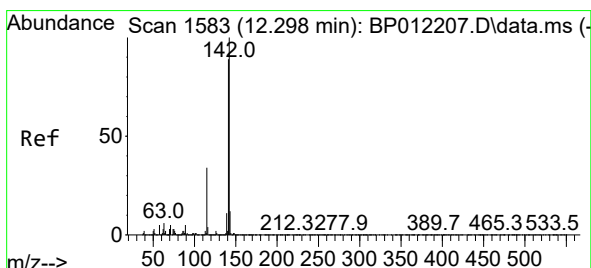
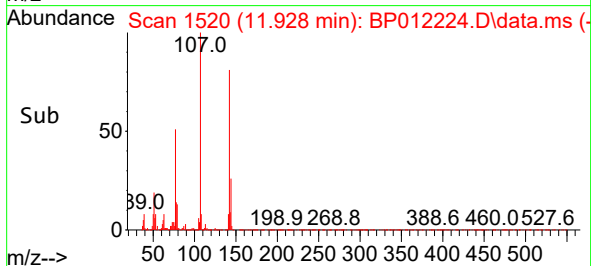
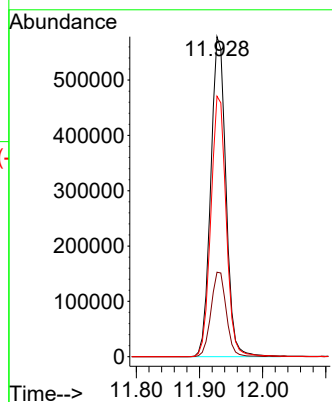
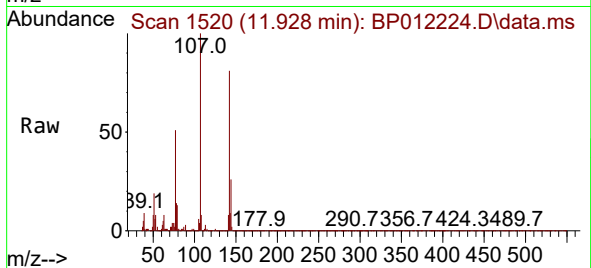




#35
4-Chloro-3-methylphenol
Concen: 32.503 ng/ul
RT: 11.928 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

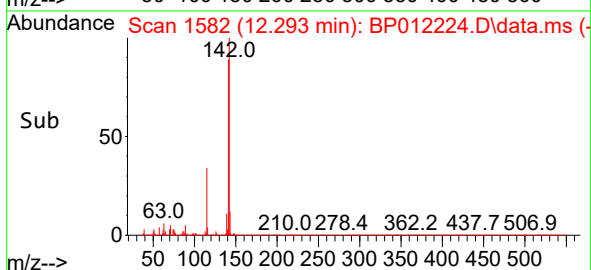
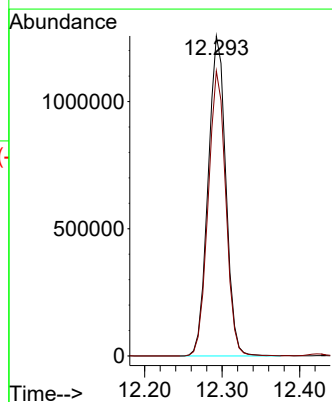
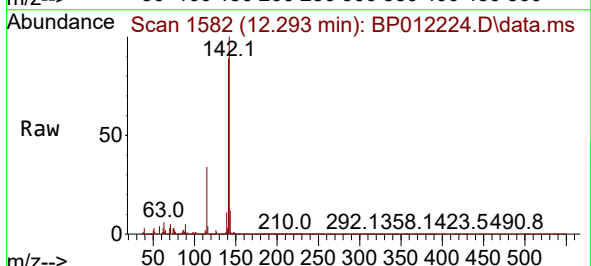
Instrument :
BNA_P
ClientSampleId :

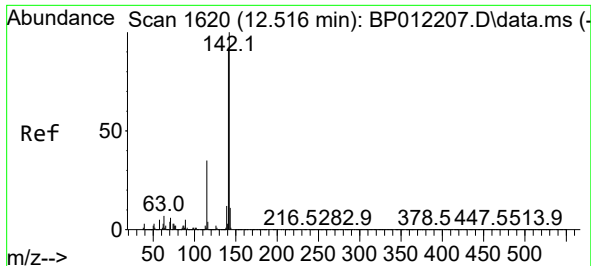
Tgt Ion:107 Resp: 970348
Ion Ratio Lower Upper
107 100
144 26.4 21.2 31.8
142 81.4 65.5 98.3



#36
2-Methylnaphthalene
Concen: 30.829 ng/ul
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:142 Resp: 2001033
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5

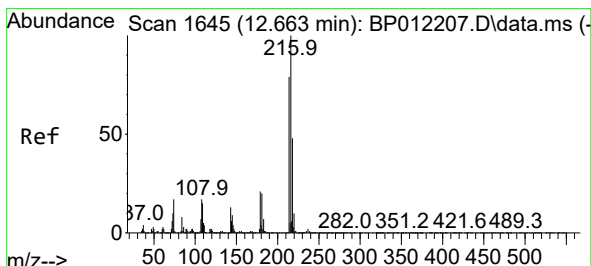
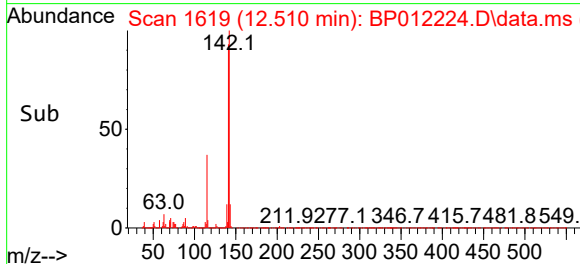
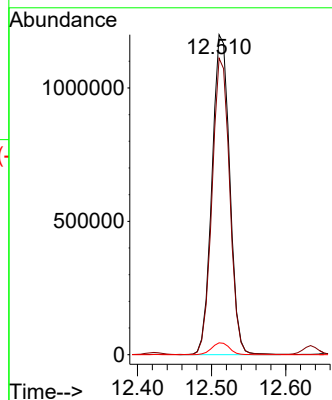
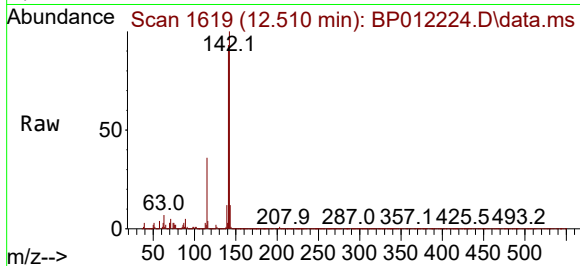




#37
1-Methylnaphthalene
Concen: 30.672 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

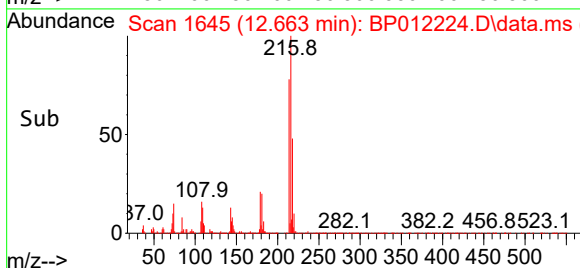
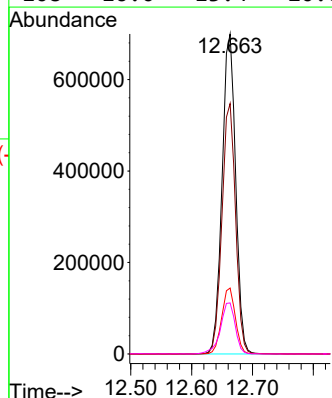
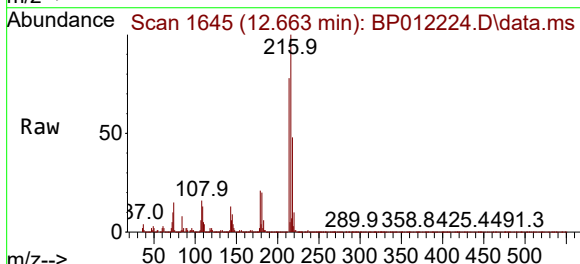
Instrument :
BNA_P
ClientSampleId :

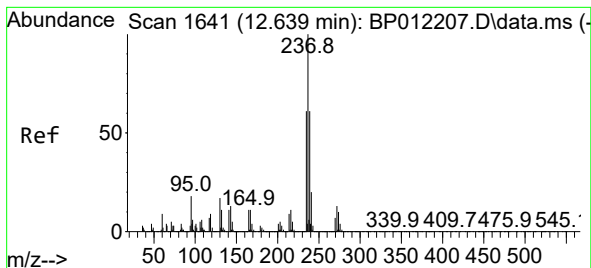
Tgt Ion:142 Resp: 1987926
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0
116 3.7 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.664 ng/ul
RT: 12.663 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:216 Resp: 1082614
Ion Ratio Lower Upper
216 100
214 78.2 62.5 93.7
179 20.6 16.5 24.7
108 16.0 13.4 20.0

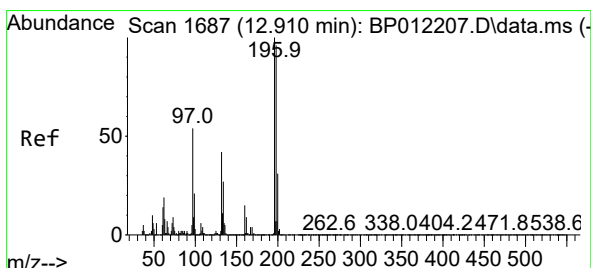
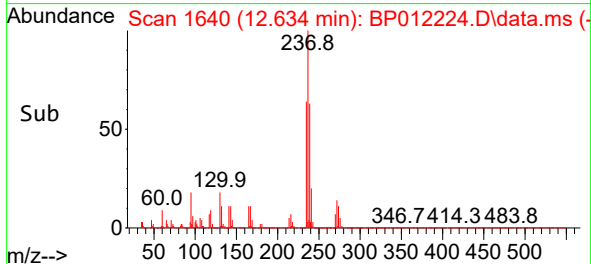
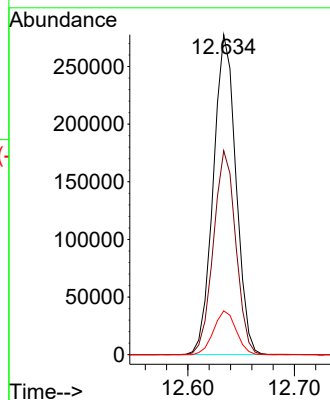
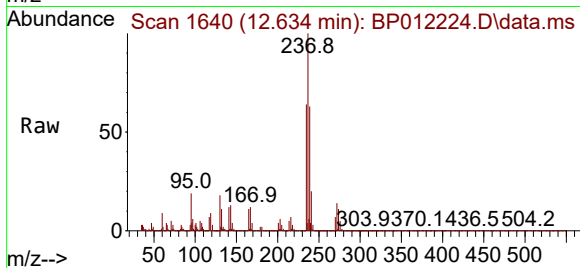




#40
Hexachlorocyclopentadiene
Concen: 23.221 ng/ul
RT: 12.634 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

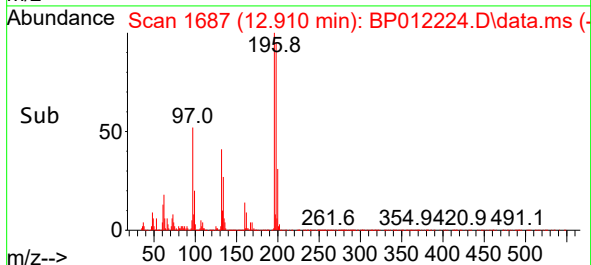
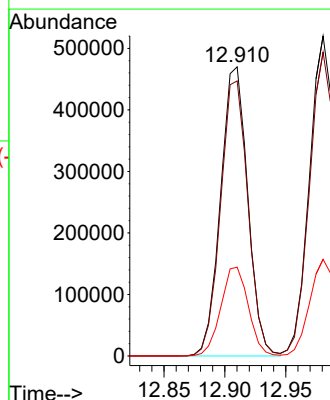
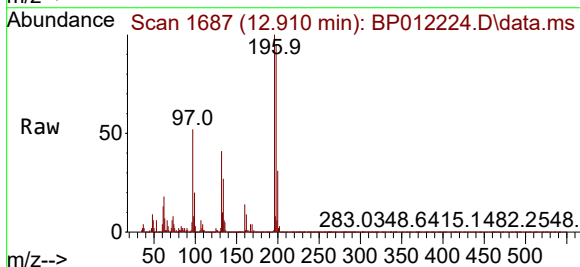
Instrument :
BNA_P
ClientSampleId :

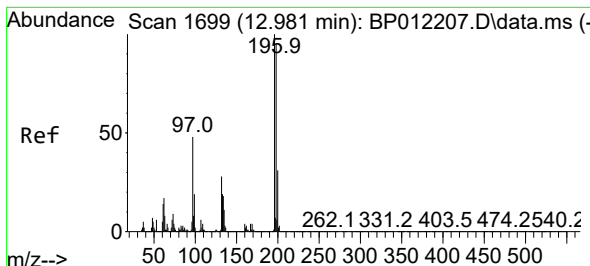
Tgt Ion:237 Resp: 409187
Ion Ratio Lower Upper
237 100
235 63.8 49.4 74.0
272 13.7 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 34.256 ng/ul
RT: 12.910 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:196 Resp: 732754
Ion Ratio Lower Upper
196 100
198 95.1 77.4 116.2
200 30.7 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 34.316 ng/ul

RT: 12.981 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

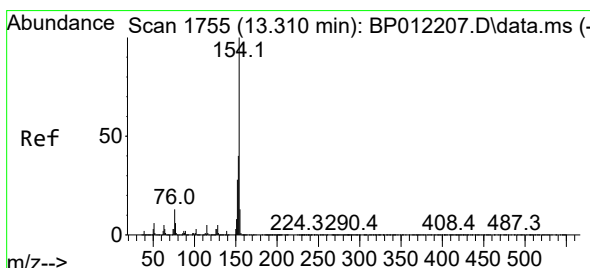
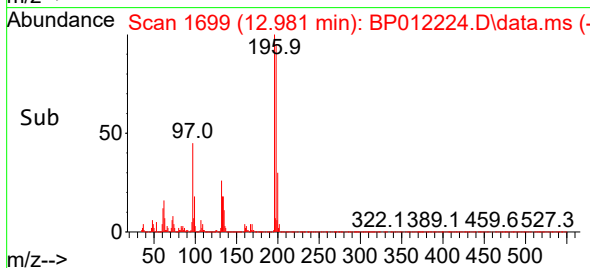
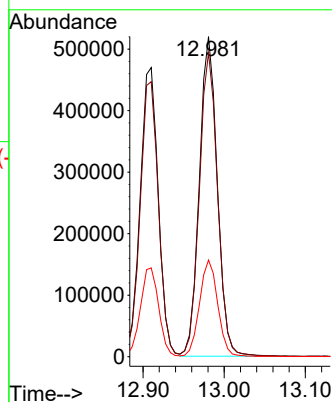
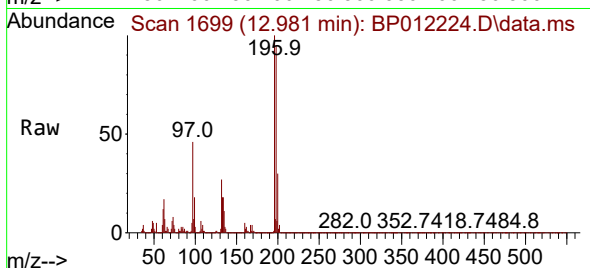
Tgt Ion:196 Resp: 800752

Ion Ratio Lower Upper

196 100

198 95.0 76.2 114.2

200 30.2 24.7 37.1



#43

1,1'-Biphenyl

Concen: 31.961 ng/ul

RT: 13.310 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

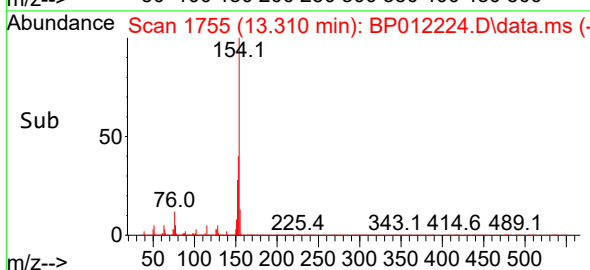
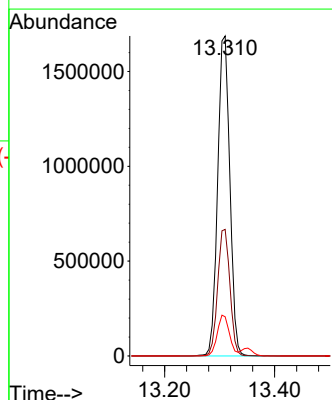
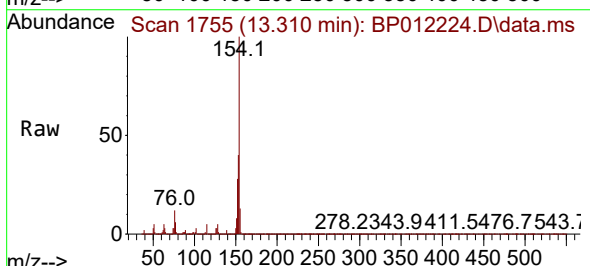
Tgt Ion:154 Resp: 2592885

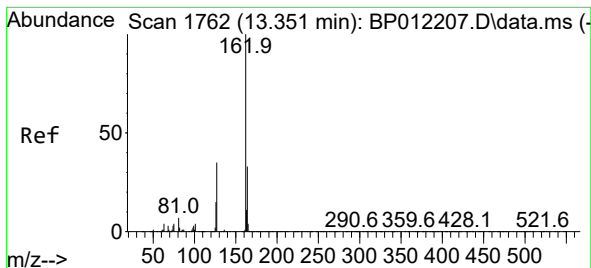
Ion Ratio Lower Upper

154 100

153 39.6 31.5 47.3

76 12.3 11.0 16.4





#44

2-Chloronaphthalene

Concen: 31.819 ng/ul

RT: 13.351 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

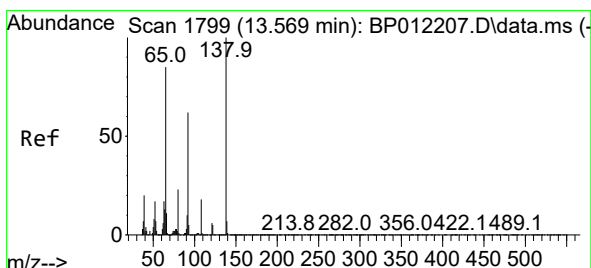
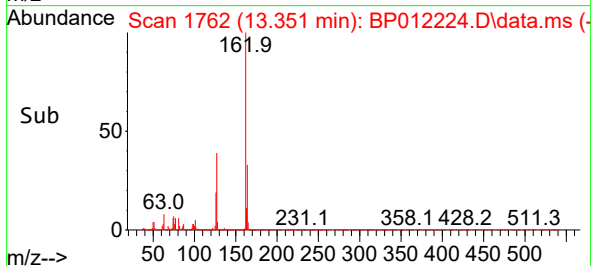
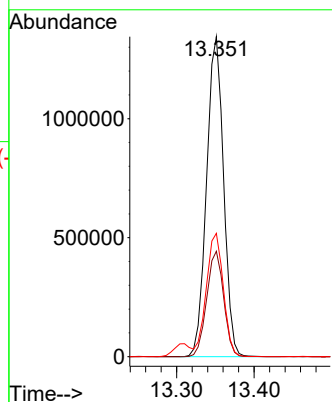
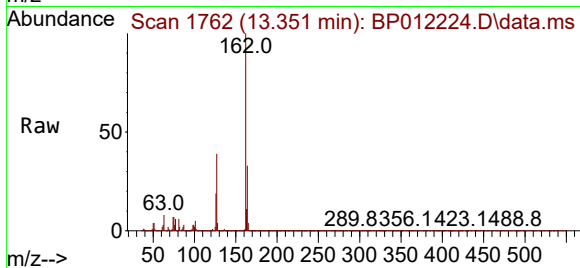
Tgt Ion:162 Resp: 2046600

Ion Ratio Lower Upper

162 100

164 32.9 26.1 39.1

127 38.6 30.8 46.2



#45

2-Nitroaniline

Concen: 34.323 ng/ul

RT: 13.563 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

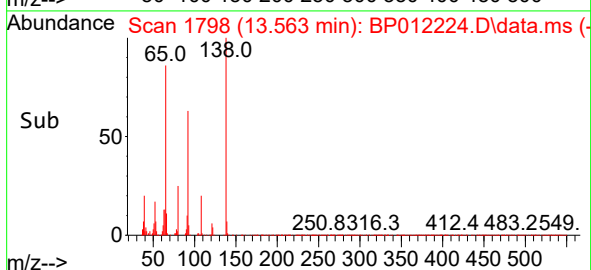
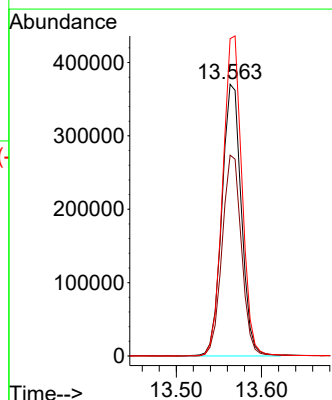
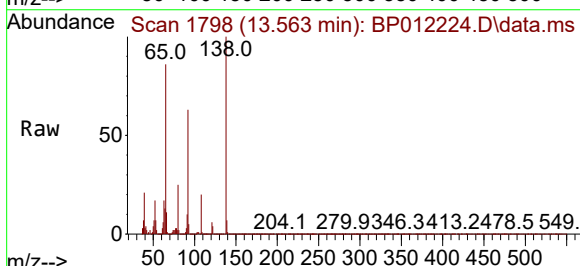
Tgt Ion: 65 Resp: 586917

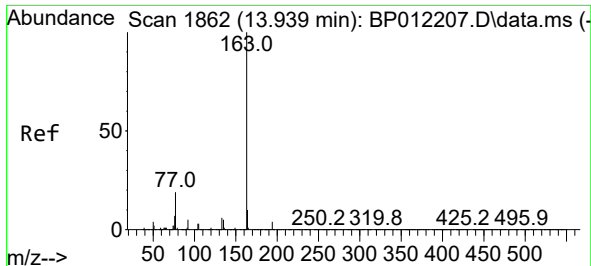
Ion Ratio Lower Upper

65 100

92 73.9 57.5 86.3

138 116.8 92.5 138.7

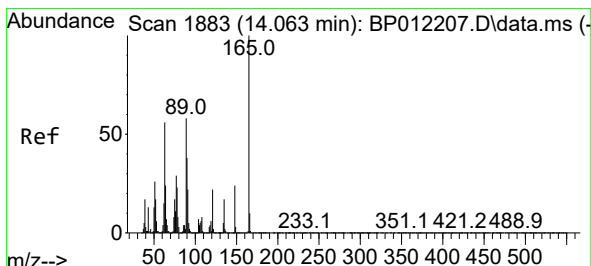
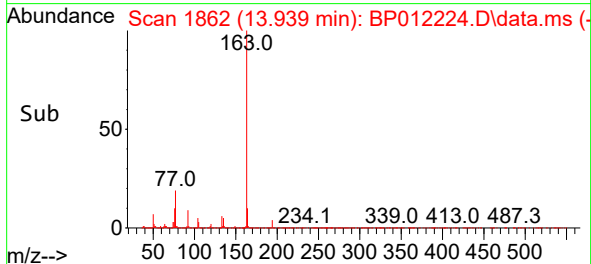
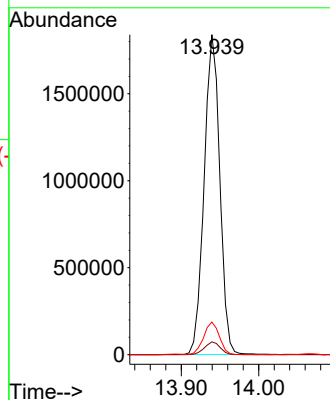
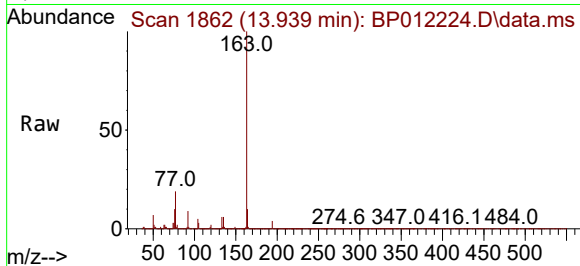




#47
Dimethylphthalate
Concen: 32.420 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

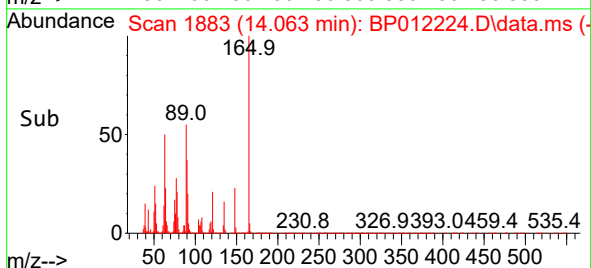
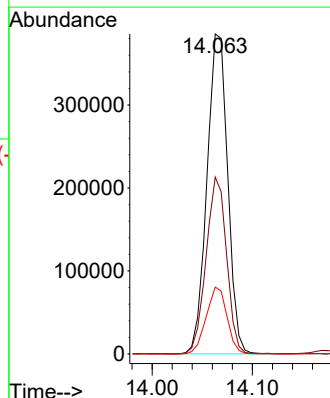
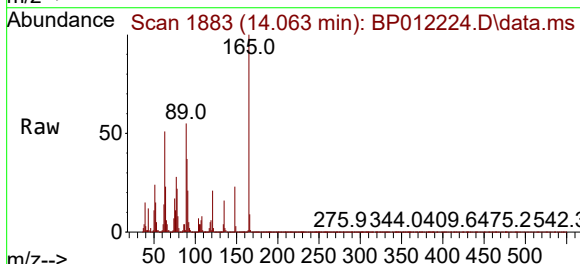
Instrument :
BNA_P
ClientSampleId :

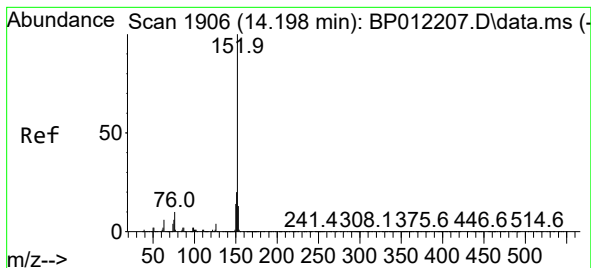
Tgt Ion:163 Resp: 2577676
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 36.440 ng/ul
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:165 Resp: 554396
Ion Ratio Lower Upper
165 100
89 55.2 43.9 65.9
121 20.9 17.1 25.7





#50

Acenaphthylene

Concen: 32.604 ng/ul

RT: 14.198 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

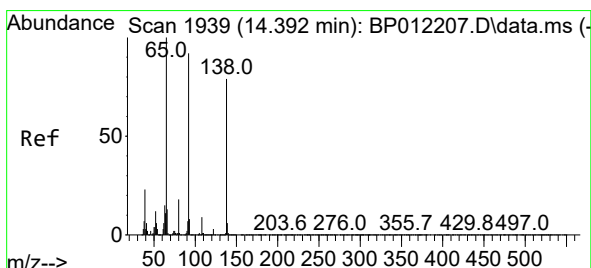
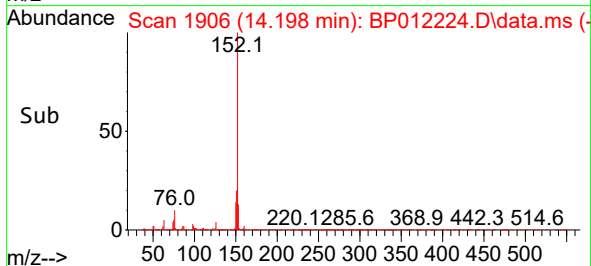
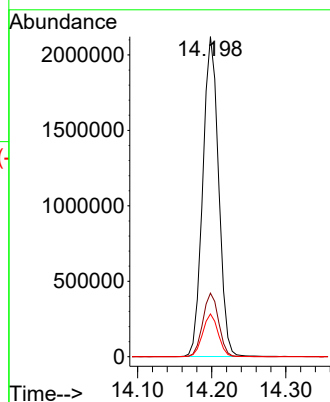
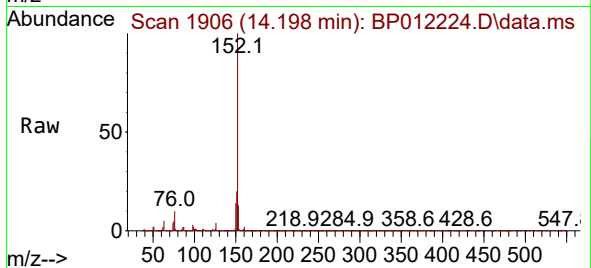
Tgt Ion:152 Resp: 3146429

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.4 10.6 16.0



#51

3-Nitroaniline

Concen: 35.839 ng/ul

RT: 14.398 min Scan# 1940

Delta R.T. 0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

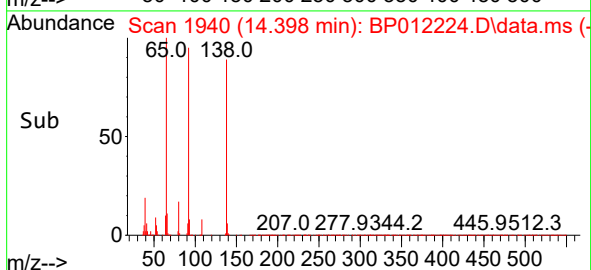
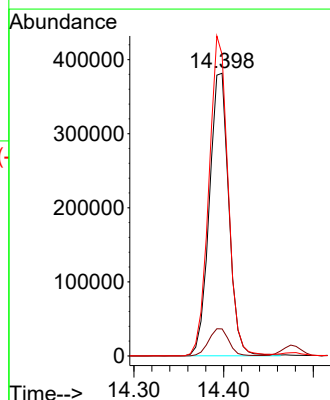
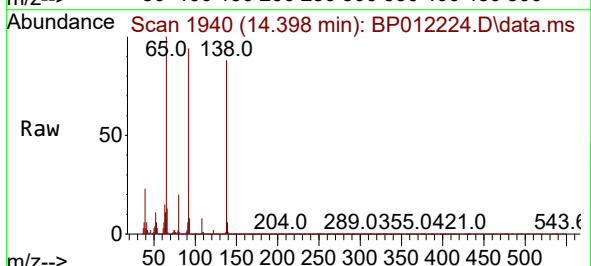
Tgt Ion:138 Resp: 575537

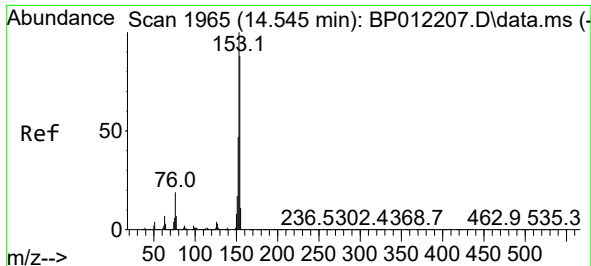
Ion Ratio Lower Upper

138 100

108 9.6 8.2 12.2

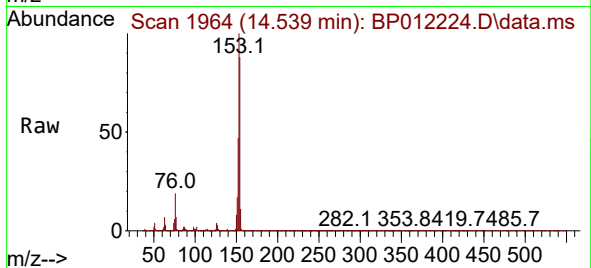
92 106.6 93.1 139.7



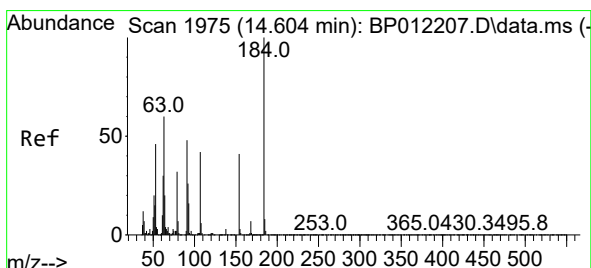
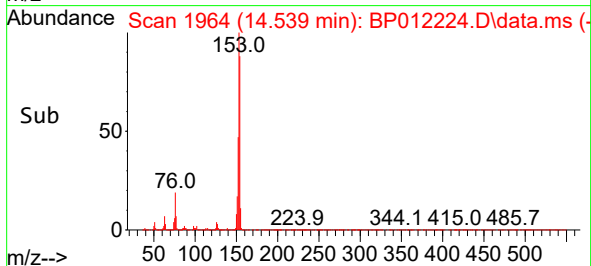
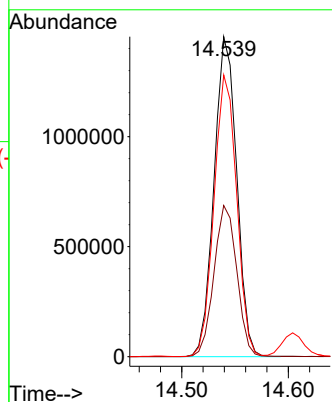


#52
Acenaphthene
Concen: 31.399 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Instrument :
BNA_P
ClientSampleId :

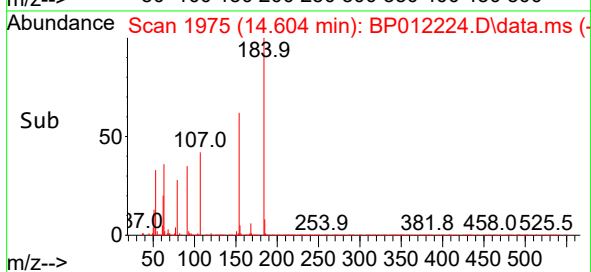
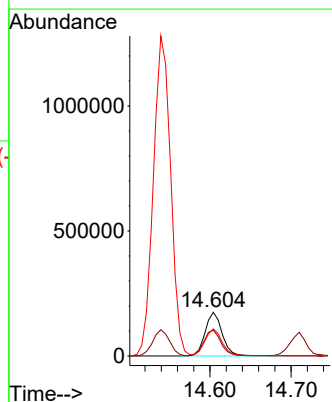
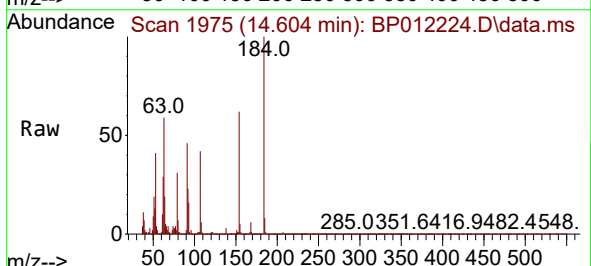


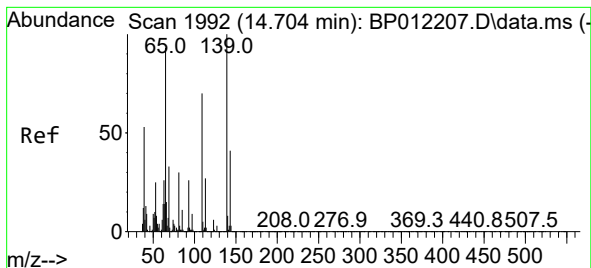
Tgt Ion:153 Resp: 2142929
Ion Ratio Lower Upper
153 100
152 47.3 38.1 57.1
154 88.0 71.4 107.2



#53
2,4-Dinitrophenol
Concen: 27.849 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:184 Resp: 254409
Ion Ratio Lower Upper
184 100
63 59.1 51.1 76.7
154 61.9 47.2 70.8

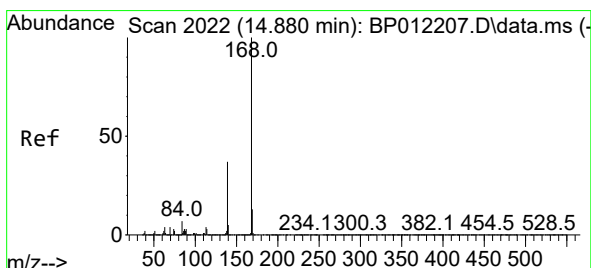
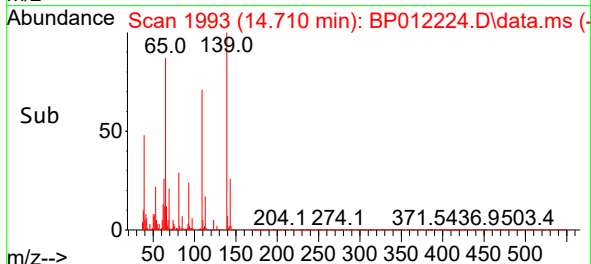
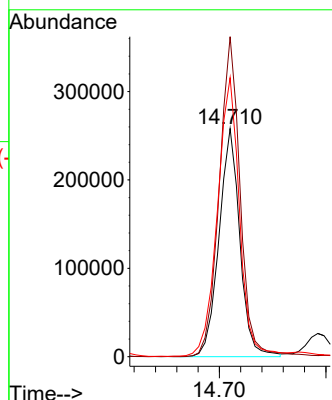
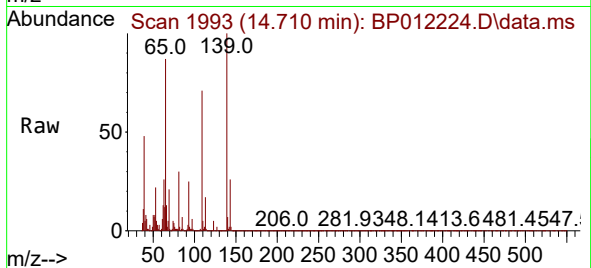




#55
4-Nitrophenol
Concen: 33.013 ng/ul
RT: 14.710 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

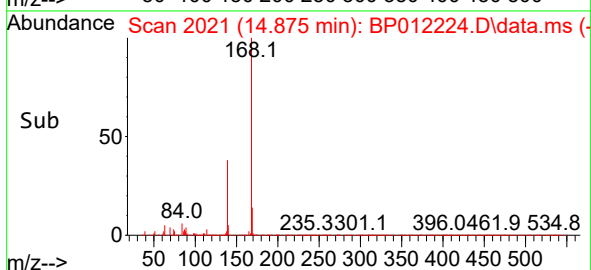
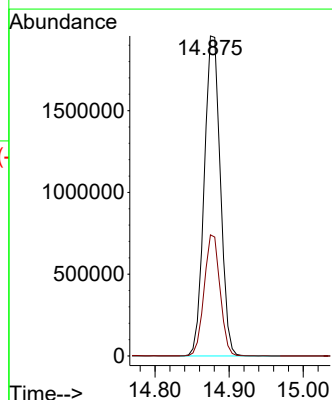
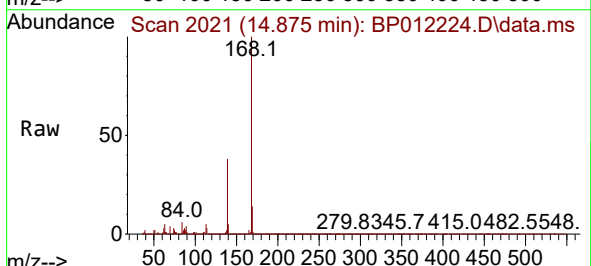
Instrument :
BNA_P
ClientSampleId :

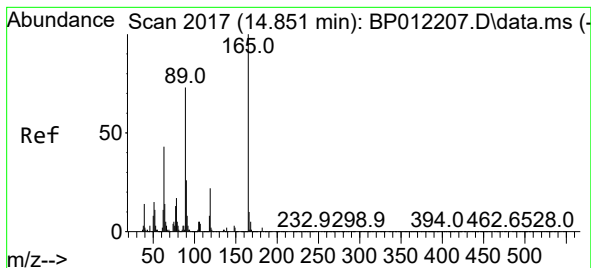
Tgt Ion:109 Resp: 348651
Ion Ratio Lower Upper
109 100
139 140.2 118.5 177.7
65 122.3 110.5 165.7



#56
Dibenzofuran
Concen: 31.587 ng/ul
RT: 14.875 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:168 Resp: 2951142
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.4

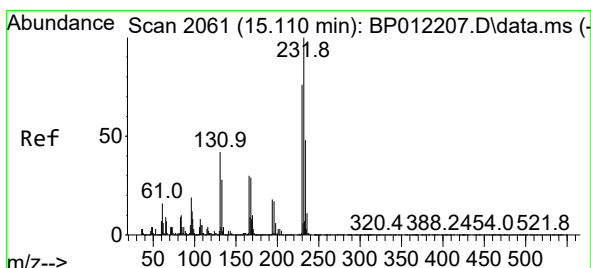
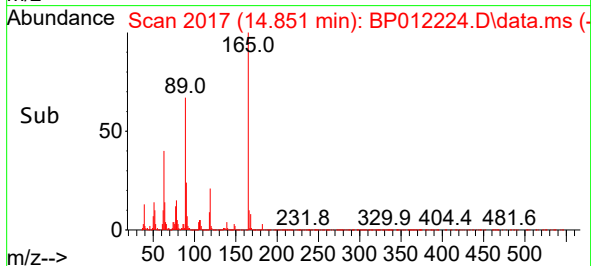
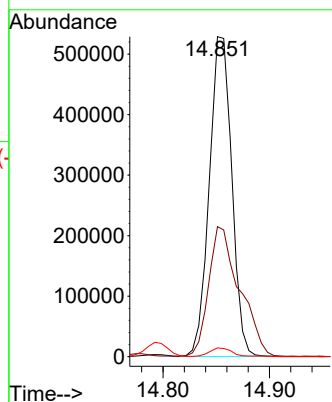
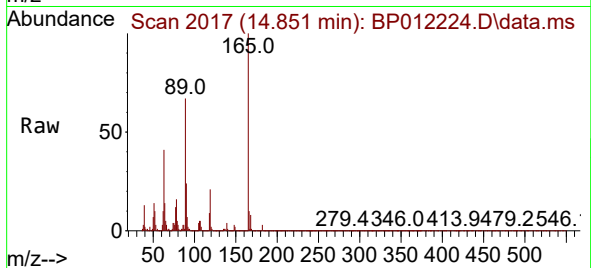




#57
2,4-Dinitrotoluene
Concen: 35.624 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

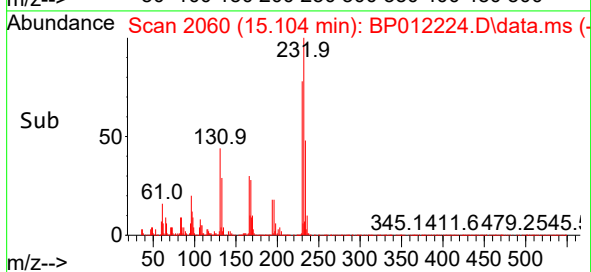
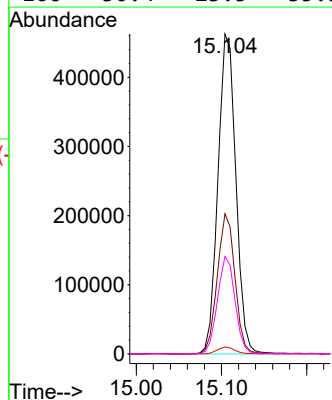
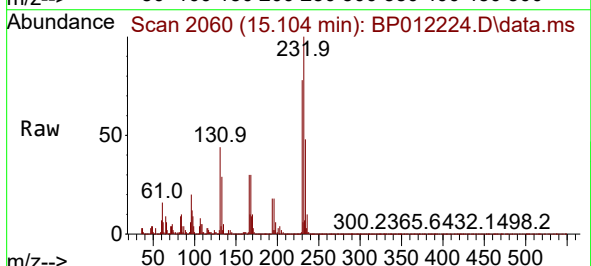
Instrument :
BNA_P
ClientSampleId :

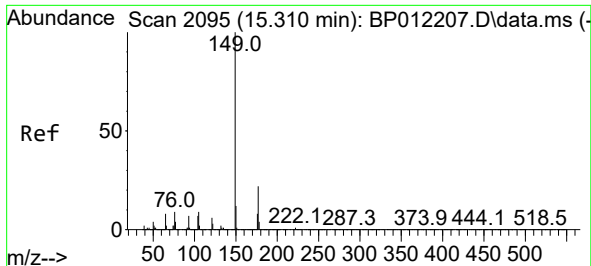
Tgt Ion:165 Resp: 773477
Ion Ratio Lower Upper
165 100
63 40.7 34.1 51.1
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.283 ng/ul
RT: 15.104 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:232 Resp: 676305
Ion Ratio Lower Upper
232 100
131 43.8 35.0 52.4
130 2.2 1.8 2.8
166 30.4 23.5 35.3

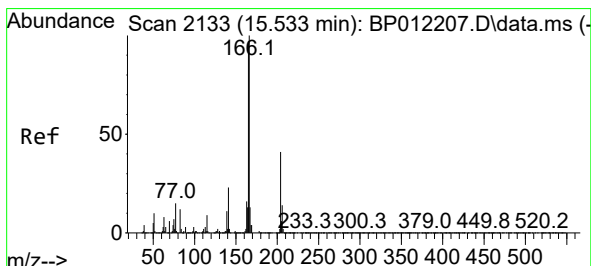
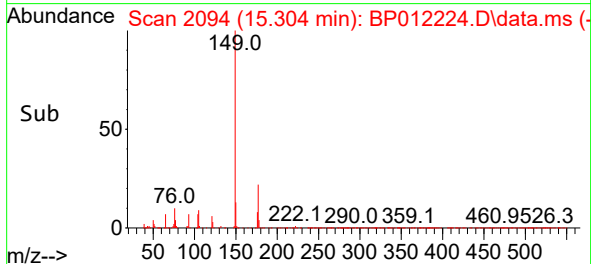
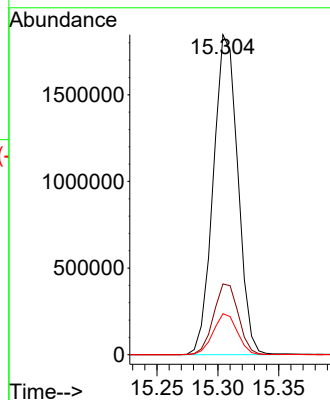
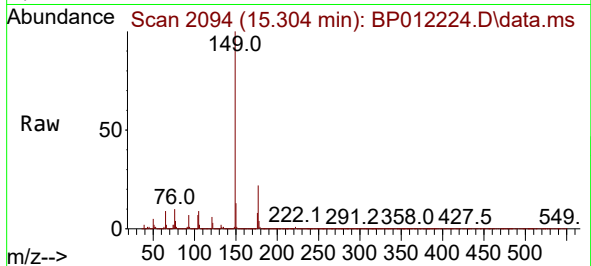




#59
Diethylphthalate
Concen: 33.118 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

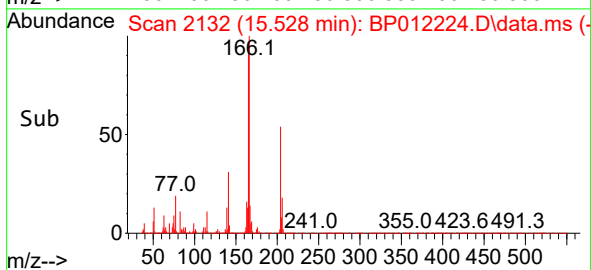
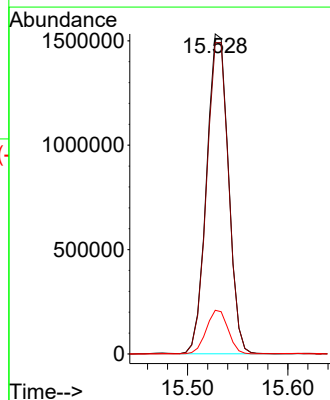
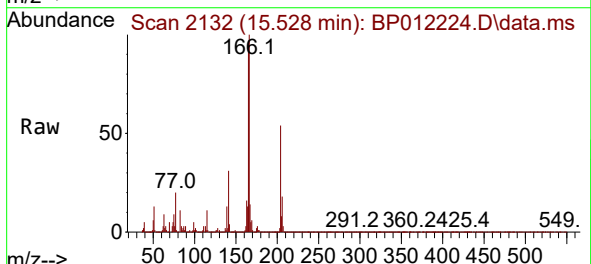
Instrument :
BNA_P
ClientSampleId :

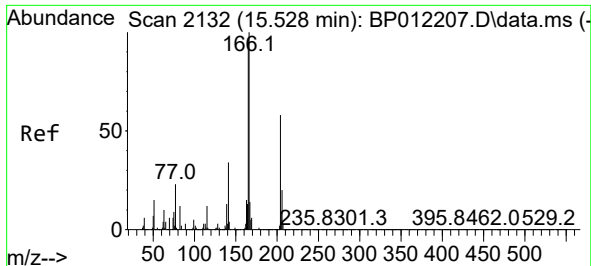
Tgt Ion:149 Resp: 2588096
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.8 10.1 15.1



#61
Fluorene
Concen: 31.381 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:166 Resp: 2322836
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.7 10.7 16.1

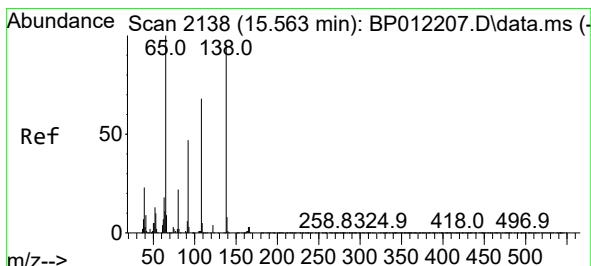
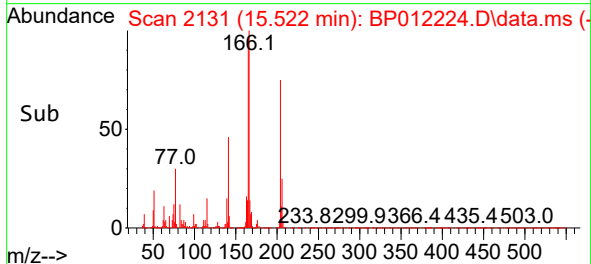
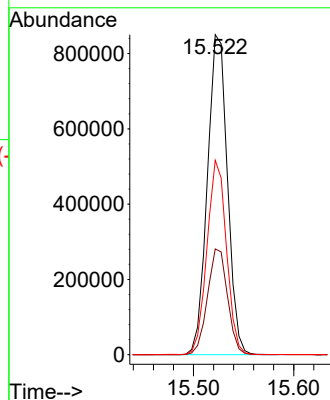
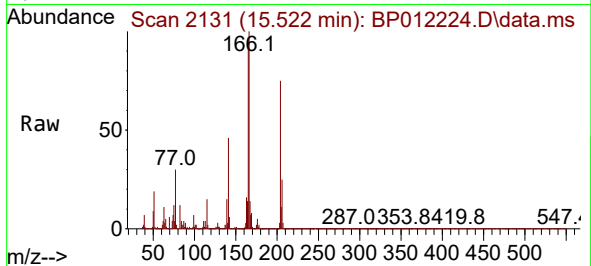




#62
4-Chlorophenyl-phenylether
Concen: 32.096 ng/ul
RT: 15.522 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

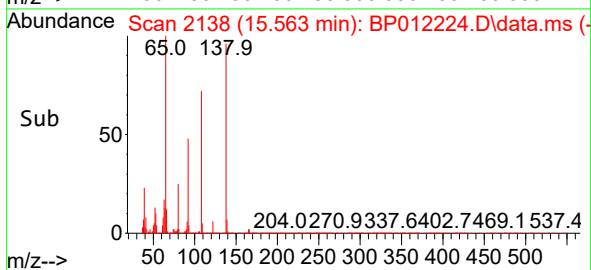
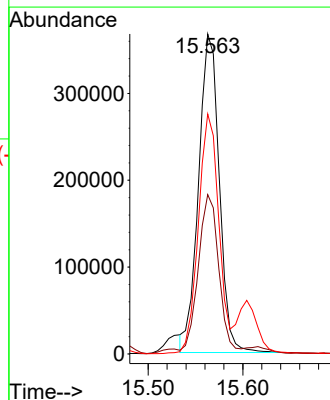
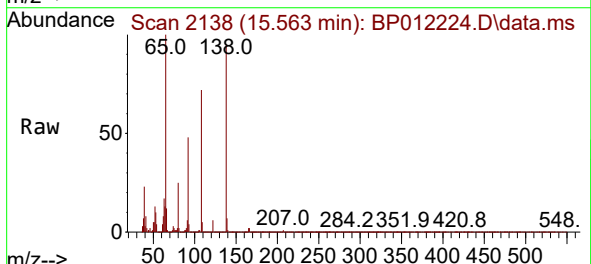
Instrument :
BNA_P
ClientSampleId :

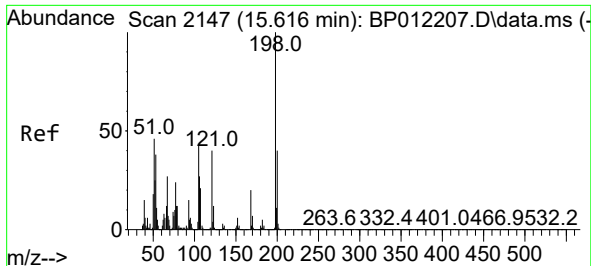
Tgt Ion:204 Resp: 1183953
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 60.8 45.3 67.9



#63
4-Nitroaniline
Concen: 37.009 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:138 Resp: 557919
Ion Ratio Lower Upper
138 100
92 49.8 41.6 62.4
108 75.0 57.0 85.6

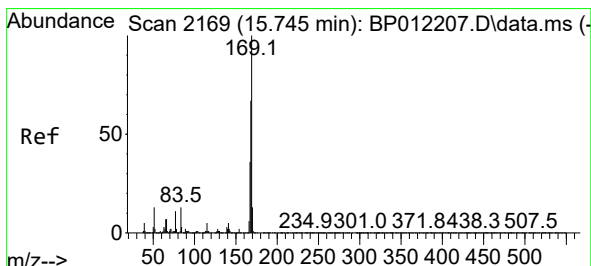
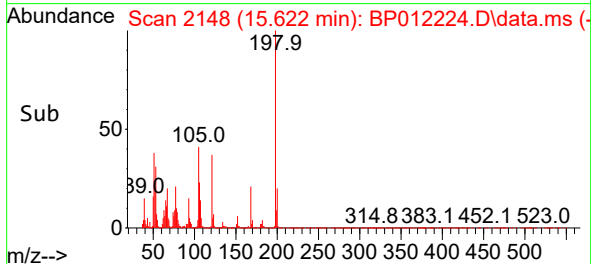
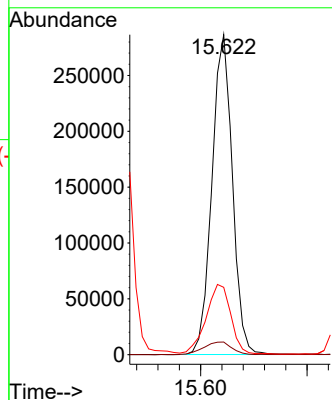
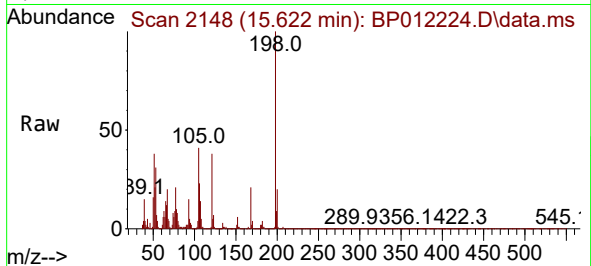




#66
4,6-Dinitro-2-methylphenol
Concen: 29.325 ng/ul
RT: 15.622 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

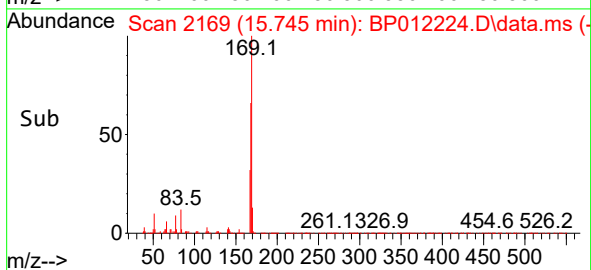
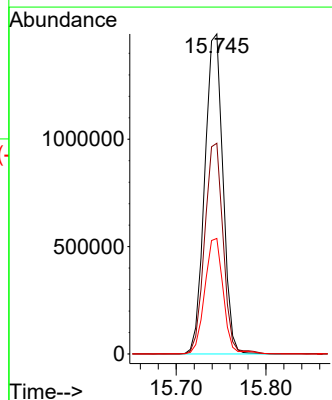
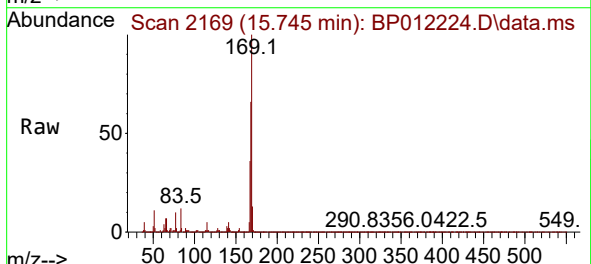
Instrument :
BNA_P
ClientSampleId :

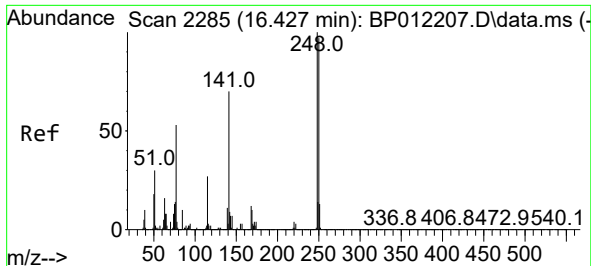
Tgt Ion:198 Resp: 381441
Ion Ratio Lower Upper
198 100
182 3.9 3.8 5.6
77 21.0 17.8 26.6



#67
N-Nitrosodiphenylamine
Concen: 33.151 ng/ul
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:169 Resp: 2095697
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 36.1 29.2 43.8

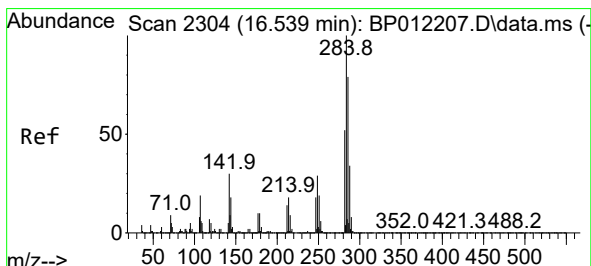
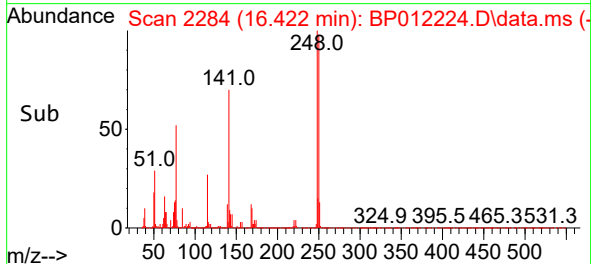
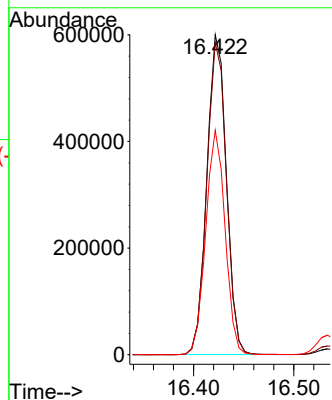
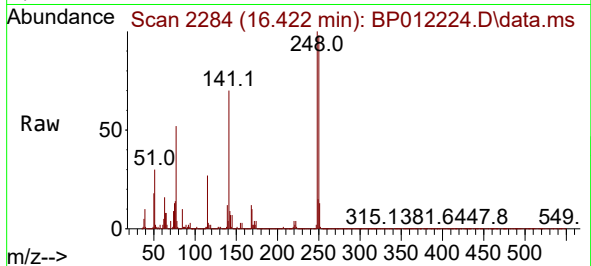




#68
4-Bromophenyl-phenylether
Concen: 35.417 ng/ul
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

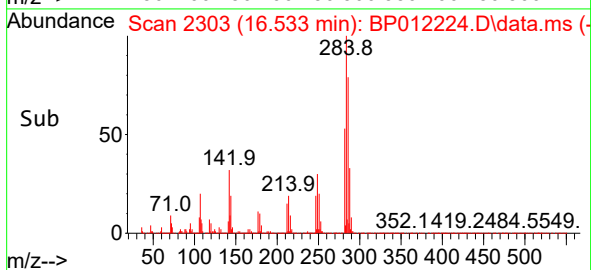
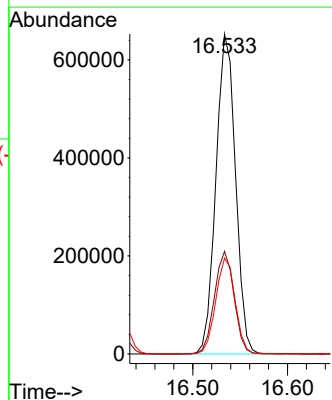
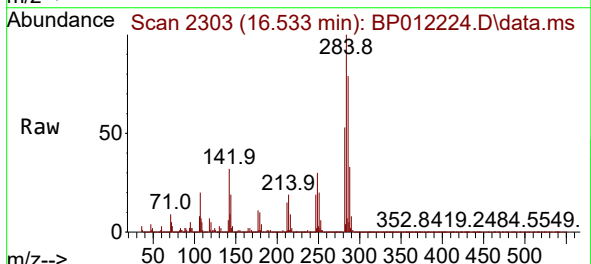
Instrument :
BNA_P
ClientSampleId :

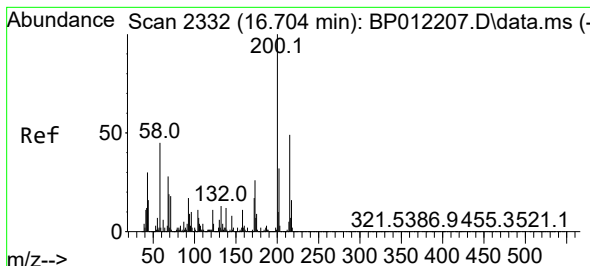
Tgt Ion:248 Resp: 816743
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 70.1 55.1 82.7



#69
Hexachlorobenzene
Concen: 34.477 ng/ul
RT: 16.533 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP012224.D
Acq: 20 Oct 2022 21:06

Tgt Ion:284 Resp: 937207
Ion Ratio Lower Upper
284 100
142 32.1 25.5 38.3
249 29.9 23.6 35.4





#70

Atrazine

Concen: 34.674 ng/ul

RT: 16.704 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

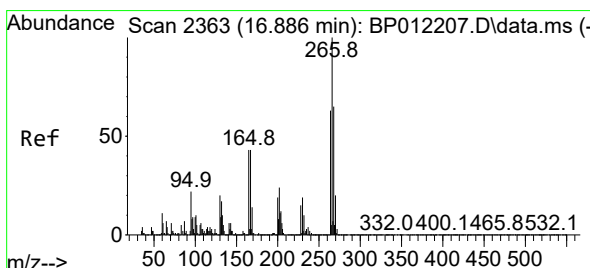
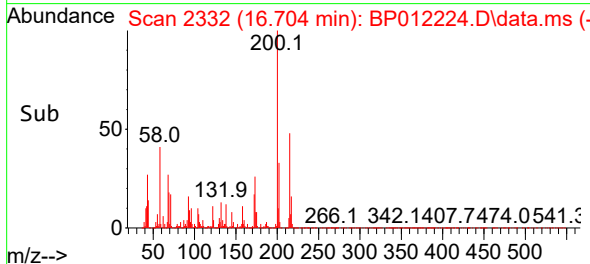
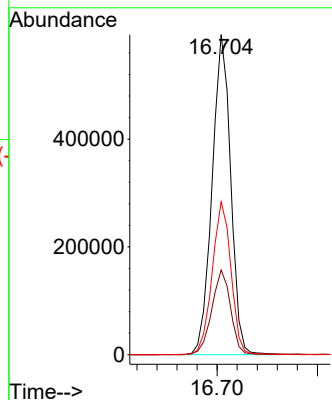
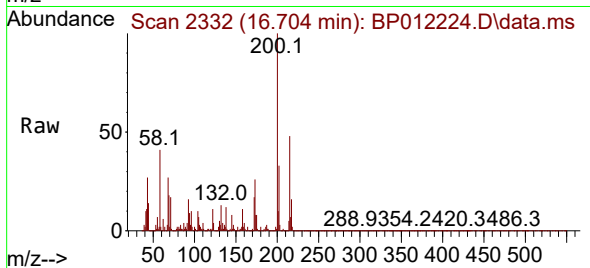
Tgt Ion:200 Resp: 765209

Ion Ratio Lower Upper

200 100

173 26.4 21.4 32.0

215 47.8 38.2 57.2



#71

Pentachlorophenol

Concen: 32.863 ng/ul

RT: 16.886 min Scan# 2363

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

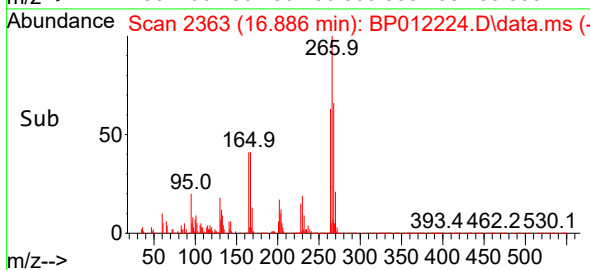
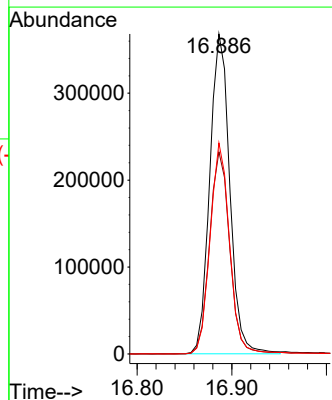
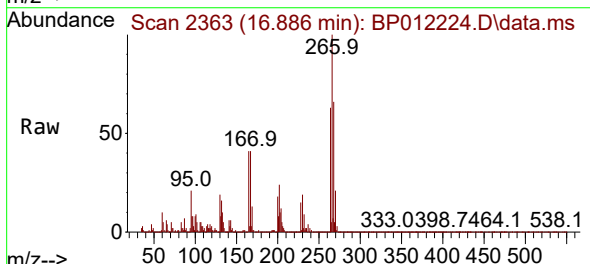
Tgt Ion:266 Resp: 539242

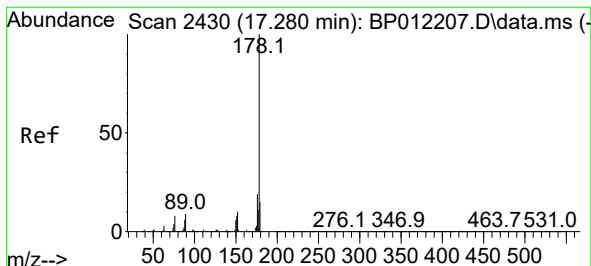
Ion Ratio Lower Upper

266 100

264 63.2 50.1 75.1

268 65.9 50.6 76.0





#72

Phenanthrene

Concen: 31.709 ng/ul

RT: 17.280 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

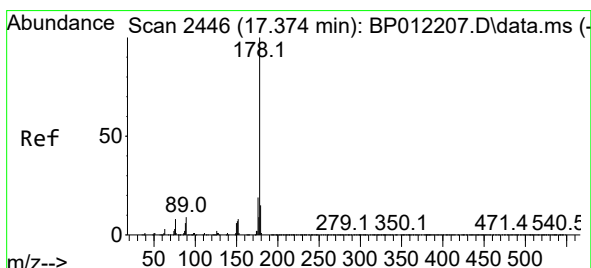
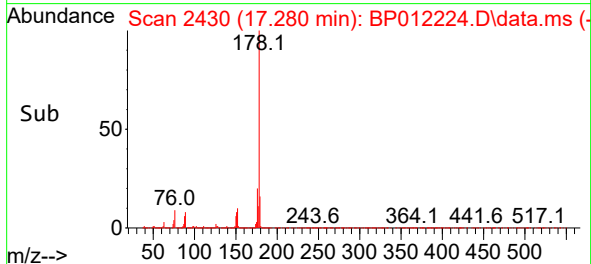
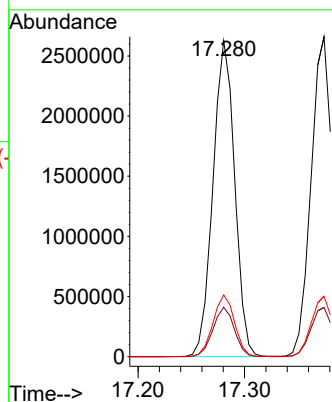
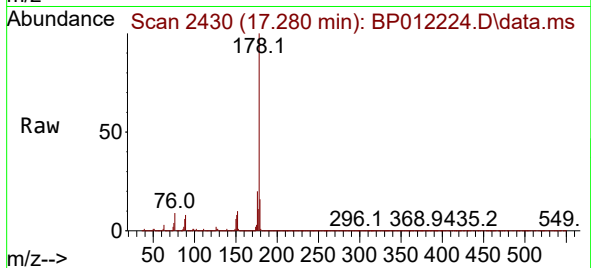
Tgt Ion:178 Resp: 3711961

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 19.5 15.6 23.4



#74

Anthracene

Concen: 32.047 ng/ul

RT: 17.375 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

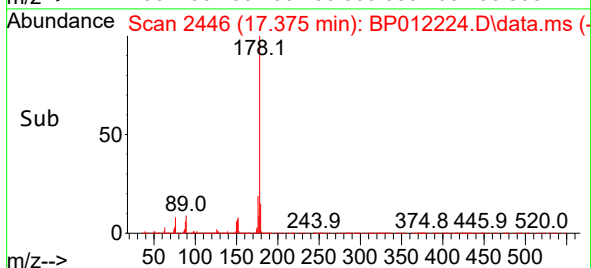
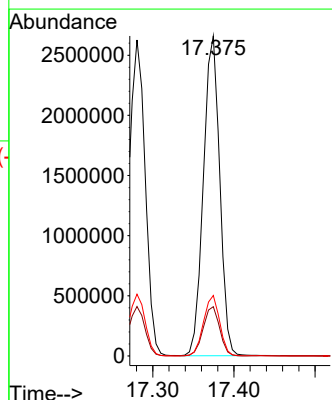
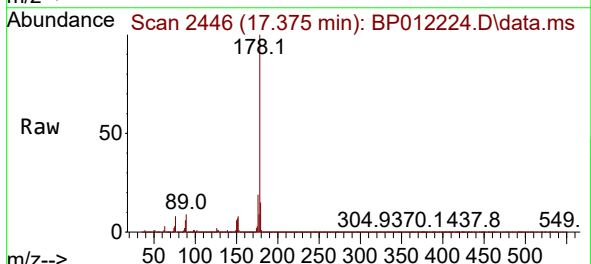
Tgt Ion:178 Resp: 3711878

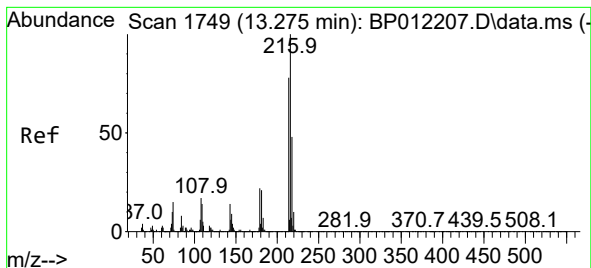
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.9 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.646 ng/uL

RT: 13.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

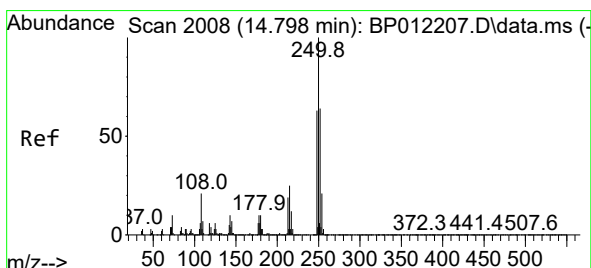
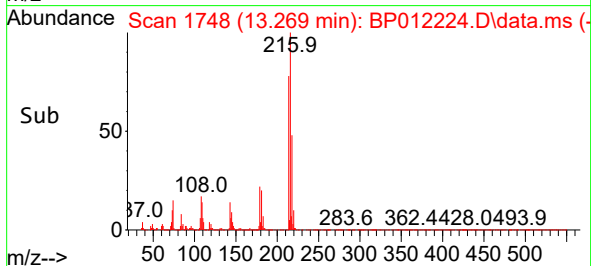
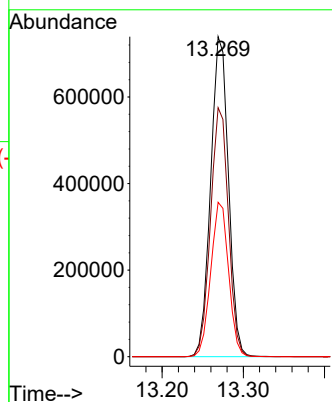
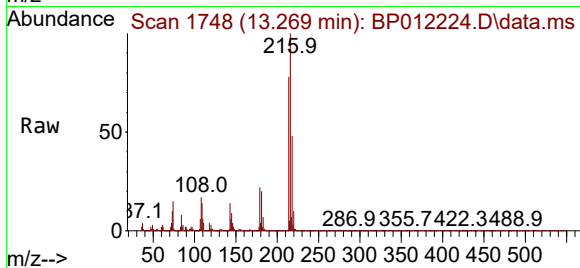
Tgt Ion:216 Resp: 1126053

Ion Ratio Lower Upper

216 100

214 77.8 62.9 94.3

218 48.3 38.6 57.8



#76

Pentachlorobenzene

Concen: 31.906 ng/uL

RT: 14.792 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

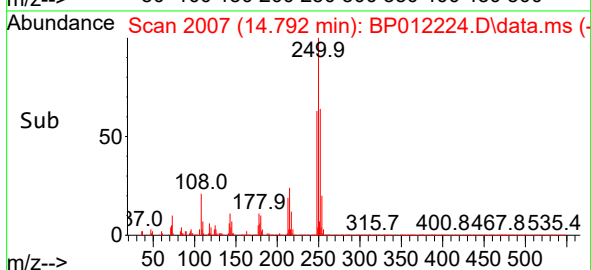
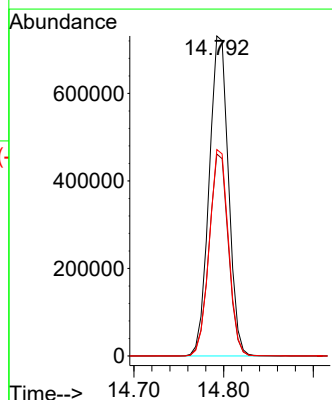
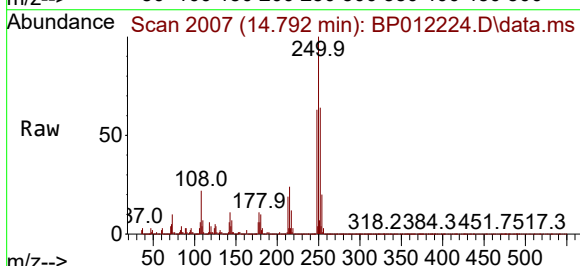
Tgt Ion:250 Resp: 1092317

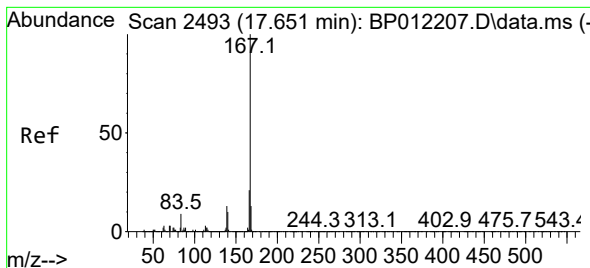
Ion Ratio Lower Upper

250 100

248 63.1 50.3 75.5

252 64.5 52.0 78.0





#77

Carbazole

Concen: 32.401 ng/ul

RT: 17.651 min Scan# 2493

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

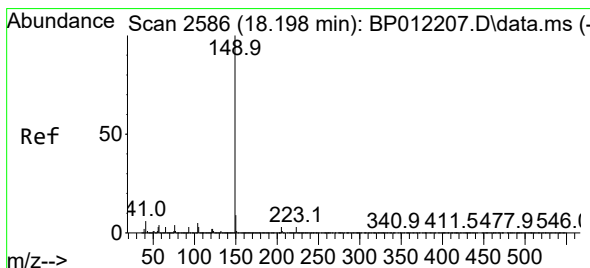
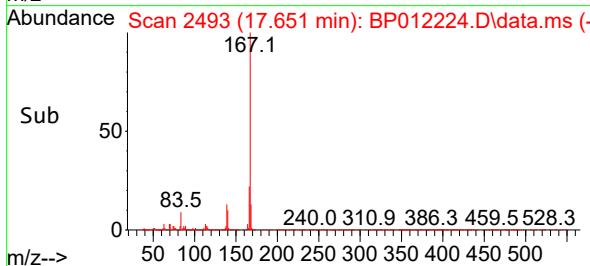
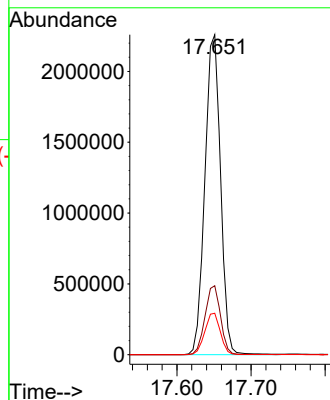
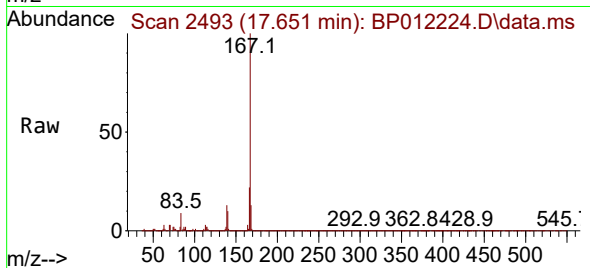
Tgt Ion:167 Resp: 3312047

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.9 10.2 15.4



#78

Di-n-butylphthalate

Concen: 35.820 ng/ul

RT: 18.192 min Scan# 2585

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

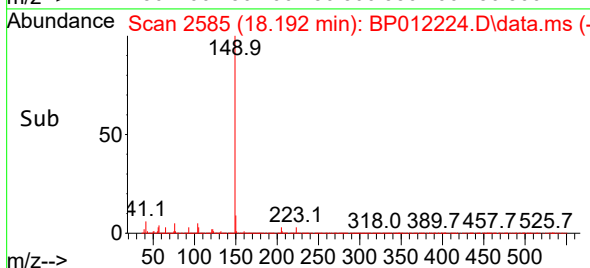
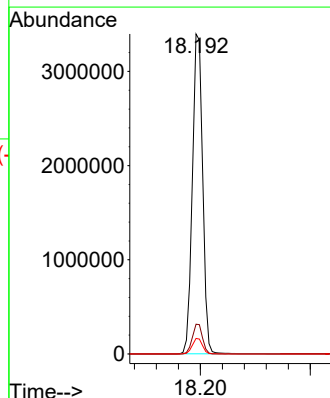
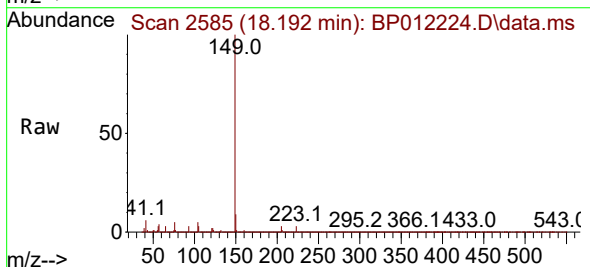
Tgt Ion:149 Resp: 4392449

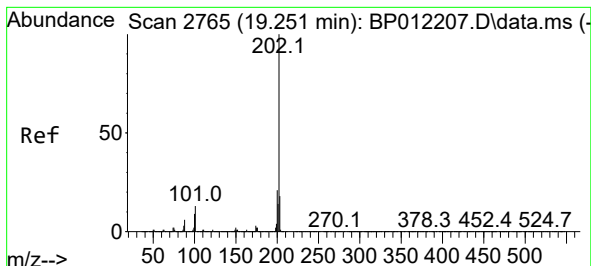
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.8 3.8 5.6





#80

Fluoranthene

Concen: 37.292 ng/ul

RT: 19.251 min Scan# 2765

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

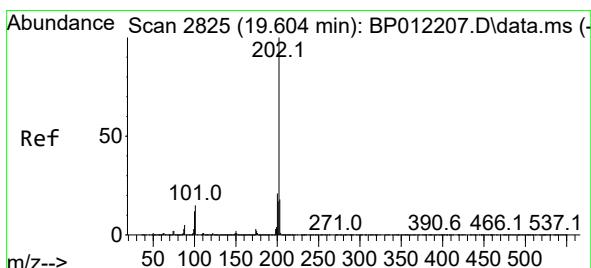
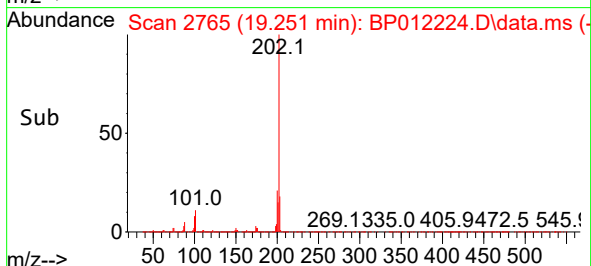
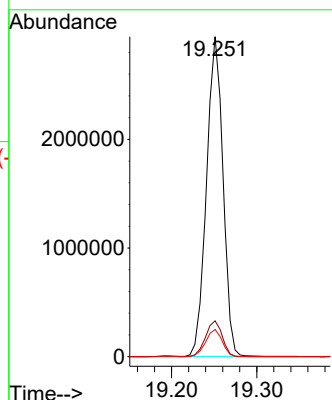
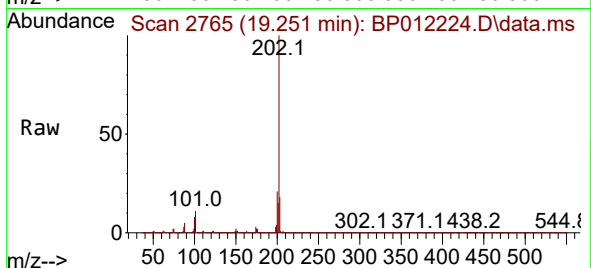
Tgt Ion:202 Resp: 3954940

Ion Ratio Lower Upper

202 100

101 11.2 10.4 15.6

100 8.5 7.7 11.5



#82

Pyrene

Concen: 35.624 ng/ul

RT: 19.604 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

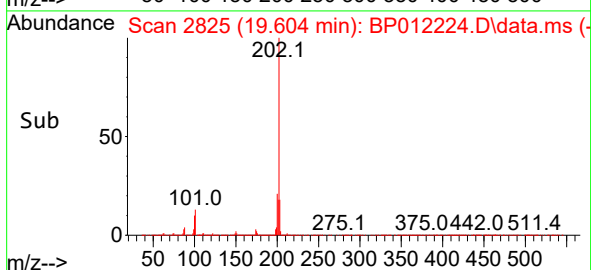
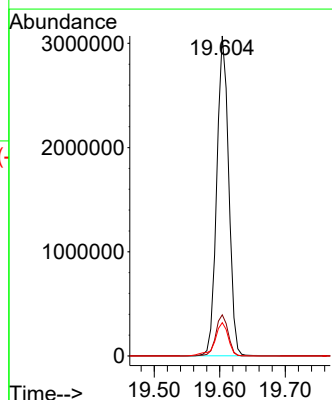
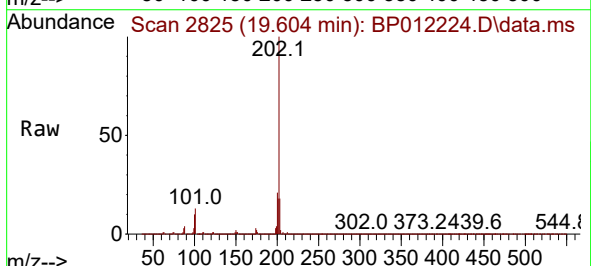
Tgt Ion:202 Resp: 3865390

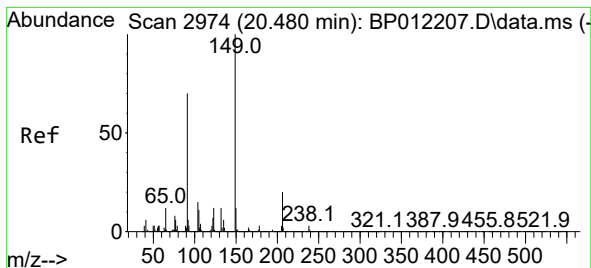
Ion Ratio Lower Upper

202 100

101 12.9 12.3 18.5

100 10.4 10.0 15.0





#83

Butylbenzylphthalate

Concen: 40.953 ng/ul

RT: 20.474 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

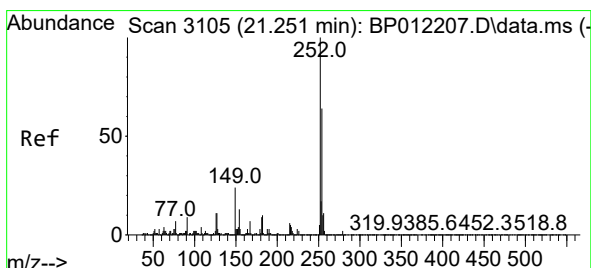
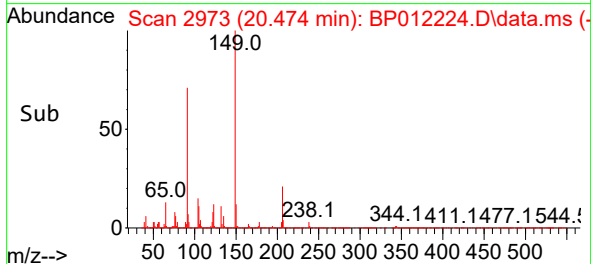
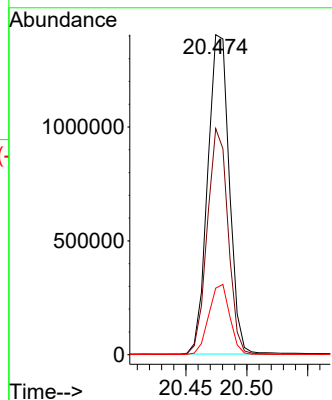
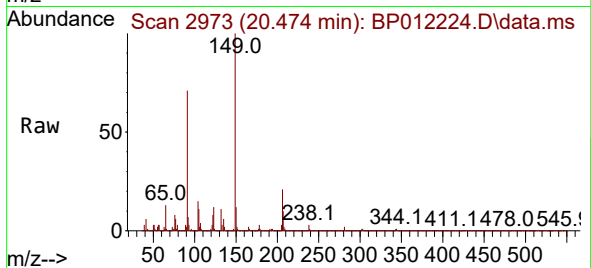
Tgt Ion:149 Resp: 1728299

Ion Ratio Lower Upper

149 100

91 70.6 56.1 84.1

206 20.8 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 30.495 ng/ul

RT: 21.251 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

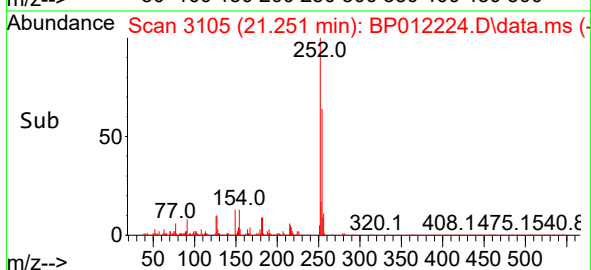
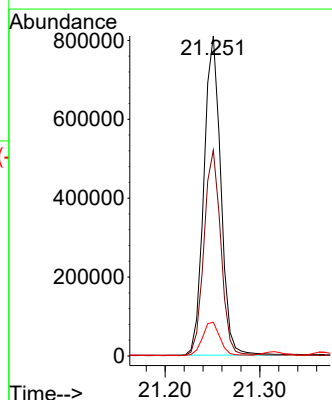
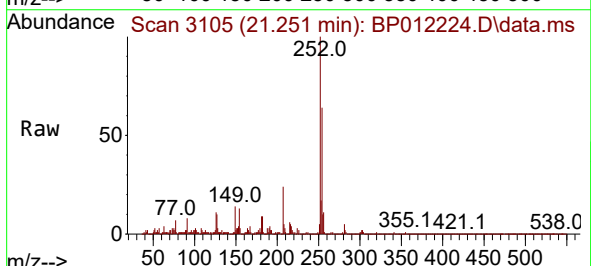
Tgt Ion:252 Resp: 1001199

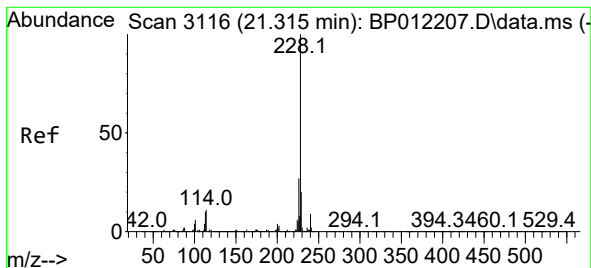
Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

126 10.5 9.8 14.6





#85

Benzo(a)anthracene

Concen: 32.921 ng/ul

RT: 21.316 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

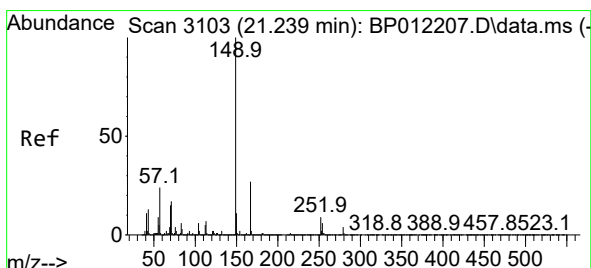
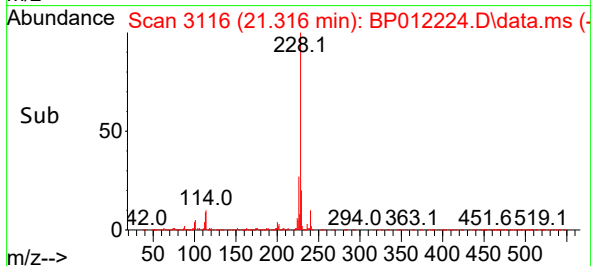
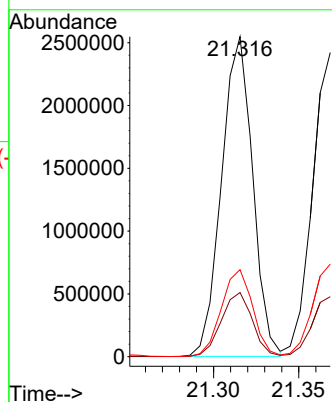
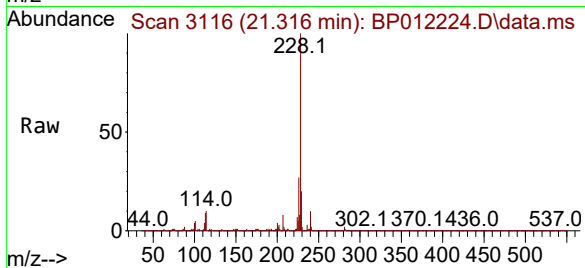
Tgt Ion:228 Resp: 3234348

Ion Ratio Lower Upper

228 100

229 20.1 16.1 24.1

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 40.472 ng/ul

RT: 21.233 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

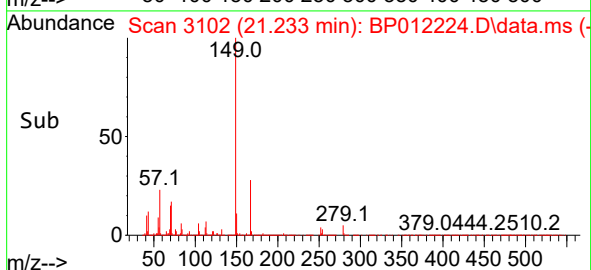
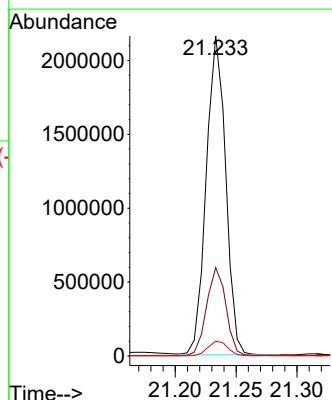
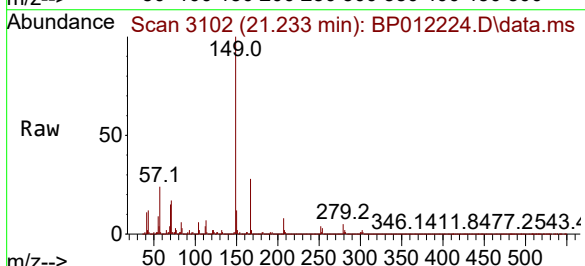
Tgt Ion:149 Resp: 2392936

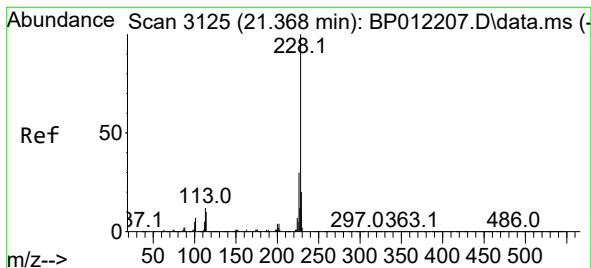
Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

279 4.6 3.4 5.0





#87

Chrysene

Concen: 33.009 ng/ul

RT: 21.368 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

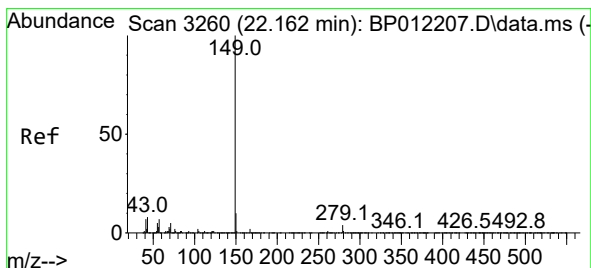
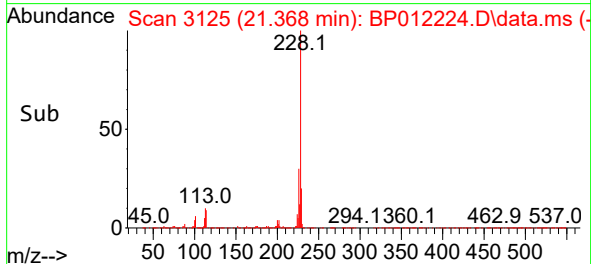
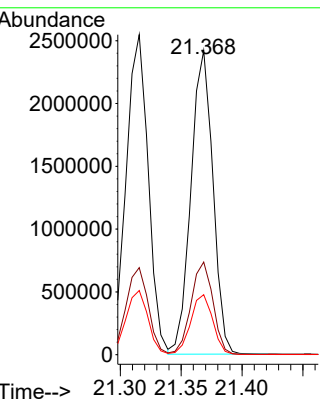
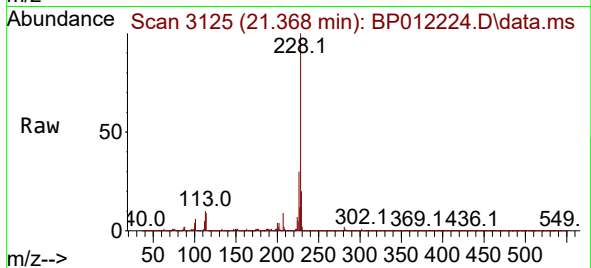
Tgt Ion:228 Resp: 3026215

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.7 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 34.672 ng/ul

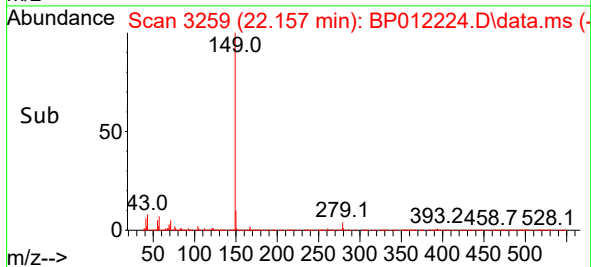
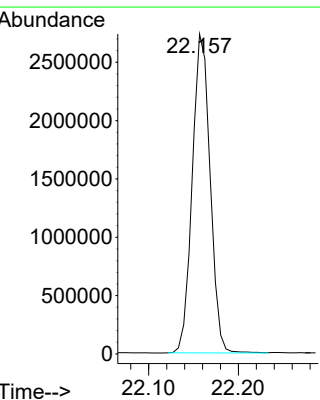
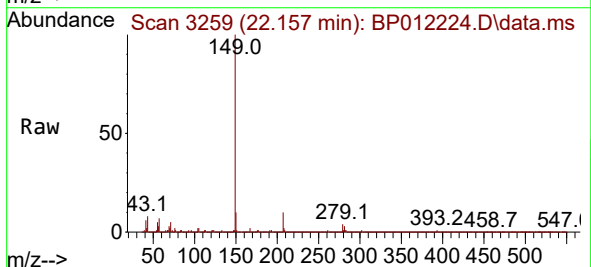
RT: 22.157 min Scan# 3259

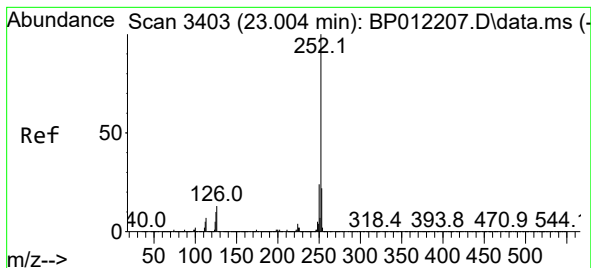
Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Tgt Ion:149 Resp: 3778484





#90

Benzo(b)fluoranthene

Concen: 30.500 ng/ul

RT: 23.004 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

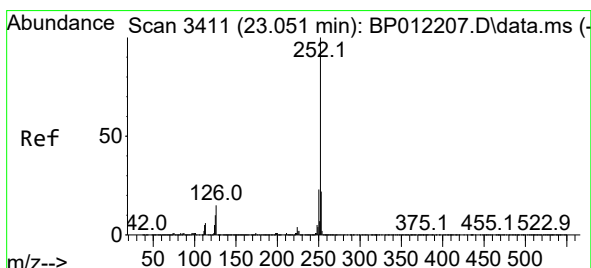
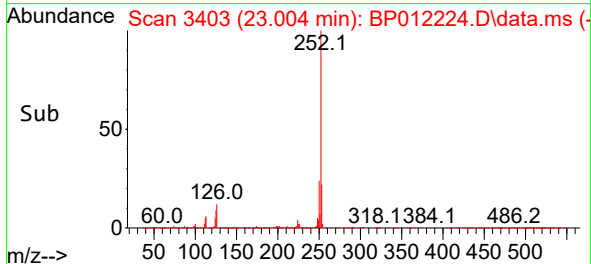
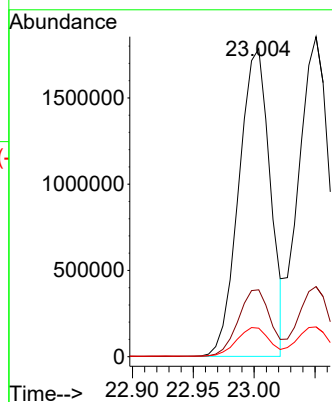
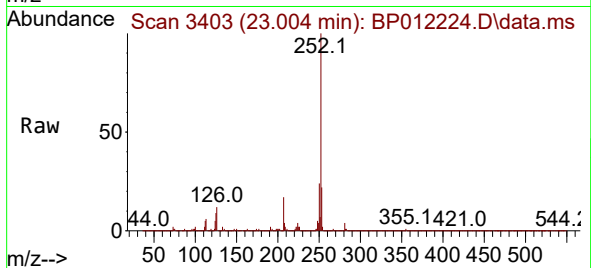
Tgt Ion:252 Resp: 3202661

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.2 8.5 12.7



#91

Benzo(k)fluoranthene

Concen: 31.354 ng/ul

RT: 23.051 min Scan# 3411

Delta R.T. 0.000 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

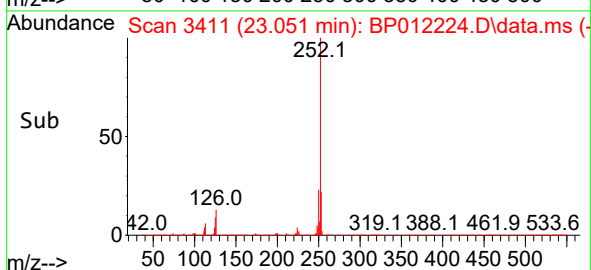
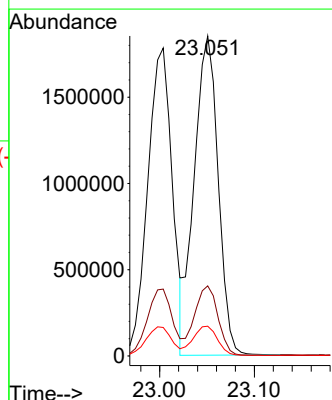
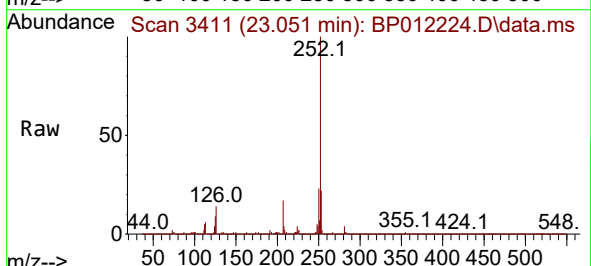
Tgt Ion:252 Resp: 3245275

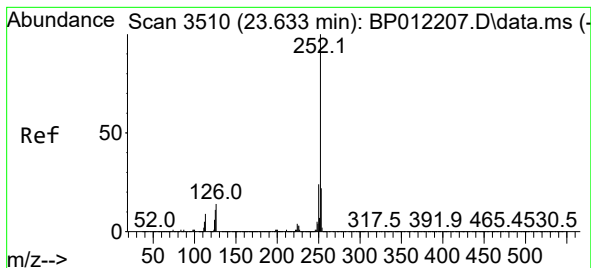
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.3 8.6 13.0





#93

Benzo(a)pyrene

Concen: 32.167 ng/ul

RT: 23.627 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

Instrument :

BNA_P

ClientSampleId :

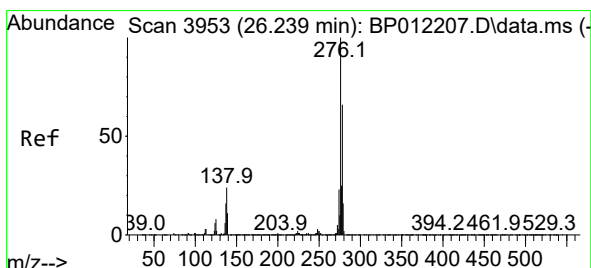
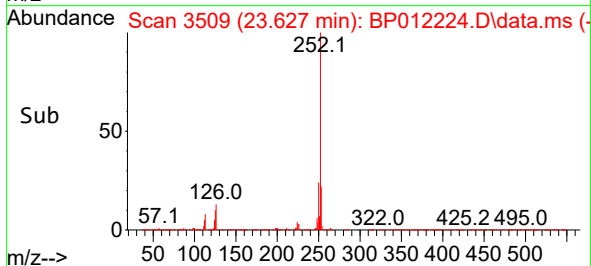
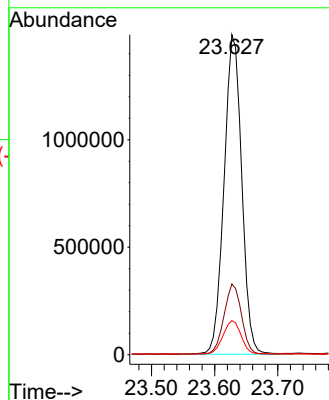
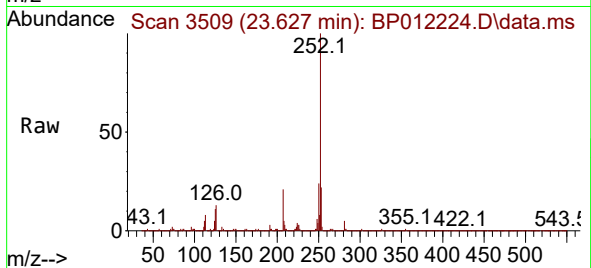
Tgt Ion:252 Resp: 2888393

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.7 9.7 14.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.458 ng/ul

RT: 26.239 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP012224.D

Acq: 20 Oct 2022 21:06

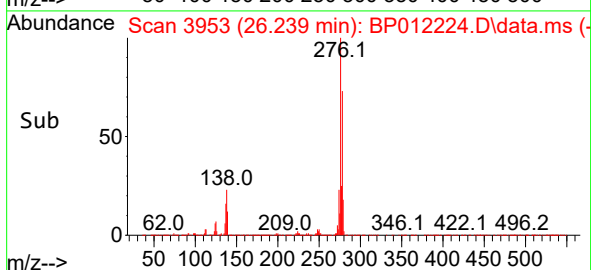
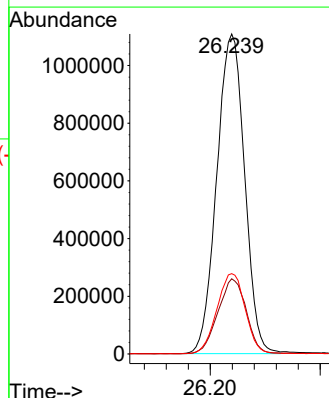
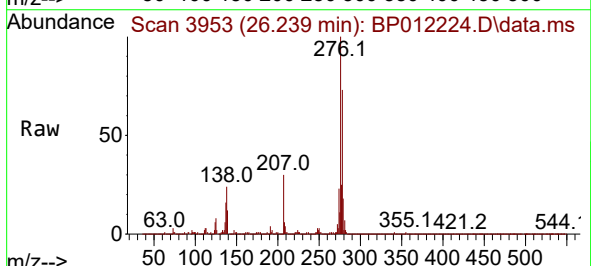
Tgt Ion:276 Resp: 3893627

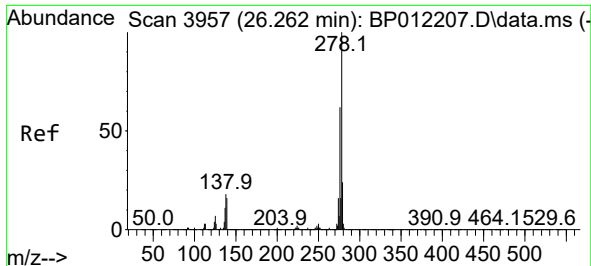
Ion Ratio Lower Upper

276 100

138 23.5 20.3 30.5

277 25.1 20.2 30.4

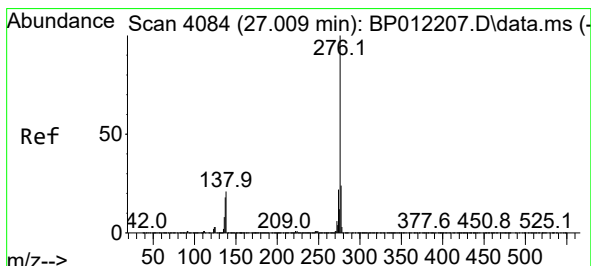
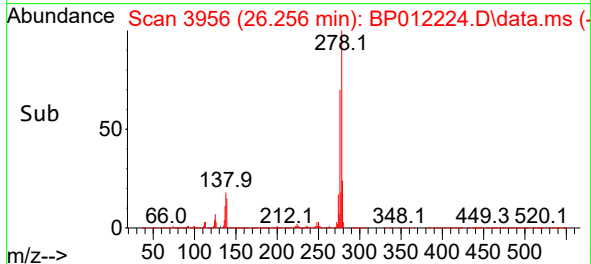
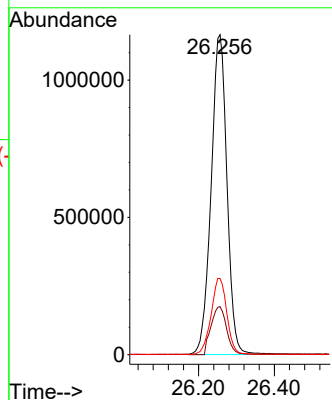
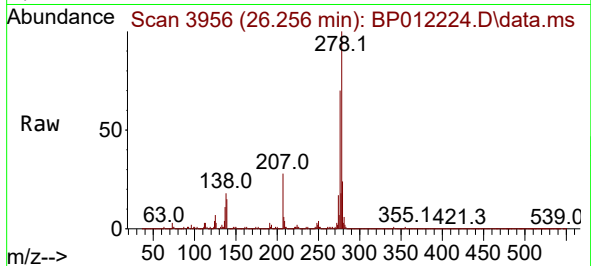




#95
 Dibenzo(a,h)anthracene
 Concen: 36.022 ng/ul
 RT: 26.256 min Scan# 3956
 Delta R.T. -0.006 min
 Lab File: BP012224.D
 Acq: 20 Oct 2022 21:06

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 3375653
 Ion Ratio Lower Upper
 278 100
 139 15.0 12.9 19.3
 279 23.8 19.0 28.4



#96
 Benzo(g,h,i)perylene
 Concen: 33.360 ng/ul
 RT: 27.009 min Scan# 4084
 Delta R.T. 0.000 min
 Lab File: BP012224.D
 Acq: 20 Oct 2022 21:06

Tgt Ion:276 Resp: 3255862
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.9 26.9
 277 23.5 18.9 28.3

