

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
 Data File : BP012341.D
 Acq On : 27 Oct 2022 13:11
 Operator : CG/JU
 Sample : PB148454BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 27 23:20:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	231293	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1089106	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	700020	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1512576	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1640719	20.000	ng/ul	0.00
88) Perylene-d12	23.715	264	1672890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	32218	5.609	ng/uL	0.00
4) Pyridine-d5	3.675	84	220782	13.380	ng/ul	0.00
7) Phenol-d5	6.981	99	690089	33.265	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	403385	32.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	533945	35.245	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	554378	33.788	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	266213	37.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	292126	39.851	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	553145	34.818	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	400928	16.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1630167	34.018	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1875614	34.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	336214	37.071	ng/ul	0.00
60) Fluorene-d10	15.457	176	1412598	34.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	270046	34.291	ng/ul	0.00
73) Anthracene-d10	17.322	188	2300081	35.292	ng/ul	0.00
81) Pyrene-d10	19.563	212	2797975	33.966	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	2907566	35.571	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	70236	11.501	ng/uL	98
5) Pyridine	3.693	79	401209	24.741	ng/ul	99
6) Benzaldehyde	6.958	77	421720	43.103	ng/ul	100
8) Phenol	7.010	94	687271	31.862	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.240	93	543994	31.423	ng/ul	100
12) 2-Chlorophenol	7.375	128	542487	32.895	ng/ul	99
13) 2-Methylphenol	8.263	108	529239	31.905	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	707828	30.488	ng/ul	100
16) Acetophenone	8.640	105	828837	32.525	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.628	70	411553	33.546	ng/ul	100
18) 4-Methylphenol	8.593	108	579993	31.990	ng/ul	98
19) Hexachloroethane	8.881	117	213142	33.604	ng/ul	98
22) Nitrobenzene	9.022	77	609385	33.070	ng/ul	100
23) Isophorone	9.552	82	1199136	31.098	ng/ul	99
25) 2-Nitrophenol	9.734	139	315351	35.877	ng/ul	100
26) 2,4-Dimethylphenol	9.793	107	618070	32.024	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.034	93	759121	30.764	ng/ul	100
29) 2,4-Dichlorophenol	10.263	162	539510	32.714	ng/ul	99
30) Naphthalene	10.663	128	1810726	31.370	ng/ul	100
32) 4-Chloroaniline	10.787	127	669649	27.513	ng/ul	100
33) Hexachlorobutadiene	10.940	225	331130	32.273	ng/ul	99
34) Caprolactam	11.587	113	184189	32.823	ng/ul	97
35) 4-Chloro-3-methylphenol	11.910	107	600167	33.120	ng/ul	98
36) 2-Methylnaphthalene	12.275	142	1239396	31.320	ng/ul	100

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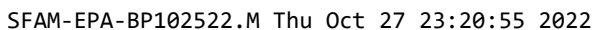
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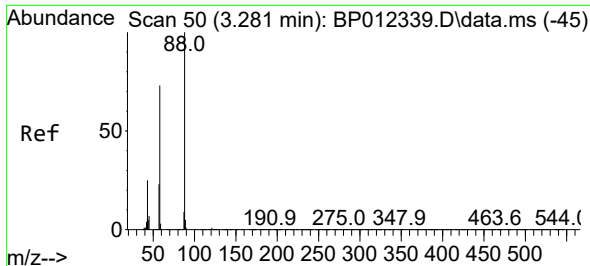
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	1242479	31.440	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	649155	31.571	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	248968	26.172	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	438755	33.383	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	489435	34.143	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	1602264	31.128	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	1274064	31.499	ng/ul	99
45) 2-Nitroaniline	13.551	65	364329	38.863	ng/ul	99
47) Dimethylphthalate	13.922	163	1633057	32.345	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	330415	39.414	ng/ul	99
50) Acenaphthylene	14.181	152	2007403	32.686	ng/ul	99
51) 3-Nitroaniline	14.381	138	380366	37.056	ng/ul	99
52) Acenaphthene	14.522	153	1374199	31.840	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	178847	31.591	ng/ul	95
55) 4-Nitrophenol	14.692	109	239482	34.898	ng/ul	96
56) Dibenzofuran	14.863	168	1919590	32.579	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	486564	38.534	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	419940	34.515	ng/ul	98
59) Diethylphthalate	15.292	149	1664263	33.877	ng/ul	99
61) Fluorene	15.516	166	1557165	33.261	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	756985	32.964	ng/ul	99
63) 4-Nitroaniline	15.551	138	388856	41.931	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	272111	32.430	ng/ul	98
67) N-Nitrosodiphenylamine	15.728	169	1373332	32.237	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	504730	33.221	ng/ul	98
69) Hexachlorobenzene	16.522	284	615315	33.768	ng/ul	98
70) Atrazine	16.686	200	321077	21.756	ng/ul	99
71) Pentachlorophenol	16.875	266	373872	33.408	ng/ul	99
72) Phenanthrene	17.263	178	2637078	33.001	ng/ul	99
74) Anthracene	17.357	178	2673105	33.673	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	685976	31.703	ng/ul	100
76) Pentachlorobenzene	14.781	250	673980	29.498	ng/ul	100
77) Carbazole	17.633	167	2507722	35.468	ng/ul	100
78) Di-n-butylphthalate	18.180	149	3039430	37.003	ng/ul	99
80) Fluoranthene	19.239	202	3262586	32.079	ng/ul	98
82) Pyrene	19.592	202	3354910	31.847	ng/ul	99
83) Butylbenzylphthalate	20.463	149	1483008	37.760	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1265919	35.519	ng/ul	100
85) Benzo(a)anthracene	21.304	228	3451192	32.971	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	2195070	36.551	ng/ul	99
87) Chrysene	21.357	228	3293877	33.661	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	3925585	39.341	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	3724957	35.164	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	3457047	34.243	ng/ul	99
93) Benzo(a)pyrene	23.610	252	3118042	33.706	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	3627251	31.467	ng/ul	98
95) Dibenzo(a,h)anthracene	26.227	278	3148748	30.507	ng/ul	99
96) Benzo(g,h,i)perylene	26.980	276	2990329	29.346	ng/ul	99

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

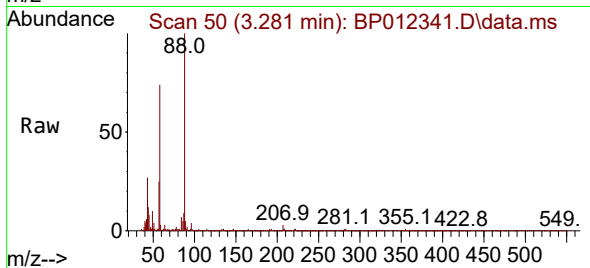
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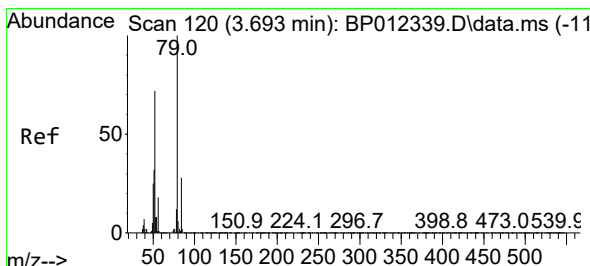
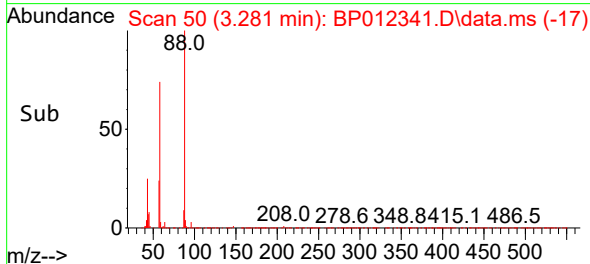
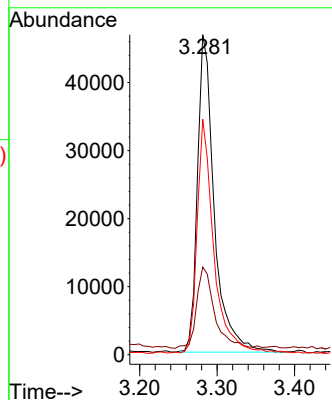


#2
 1,4-Dioxane
 Concen: 11.501 ng/uL
 RT: 3.281 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP012341.D
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 BNA_P
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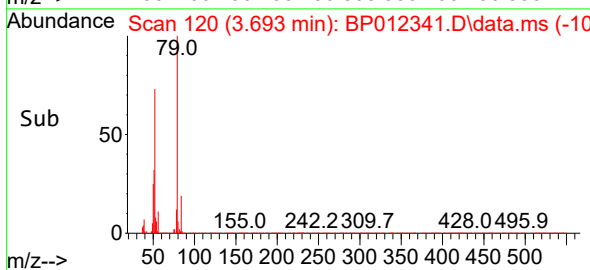
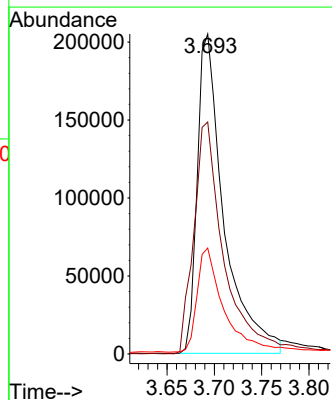
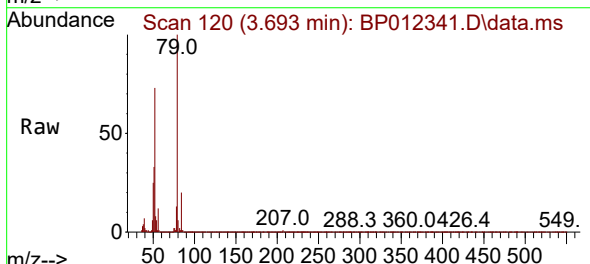


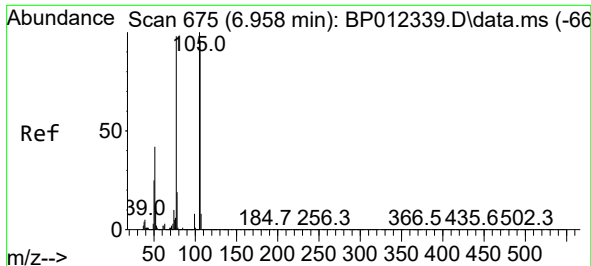
Tgt Ion: 88 Resp: 70236
 Ion Ratio Lower Upper
 88 100
 43 27.4 20.6 31.0
 58 73.6 58.0 87.0



#5
 Pyridine
 Concen: 24.741 ng/uL
 RT: 3.693 min Scan# 120
 Delta R.T. 0.000 min
 Lab File: BP012341.D
 Acq: 27 Oct 2022 13:11

Tgt Ion: 79 Resp: 401209
 Ion Ratio Lower Upper
 79 100
 52 72.5 57.4 86.0
 51 33.1 25.7 38.5

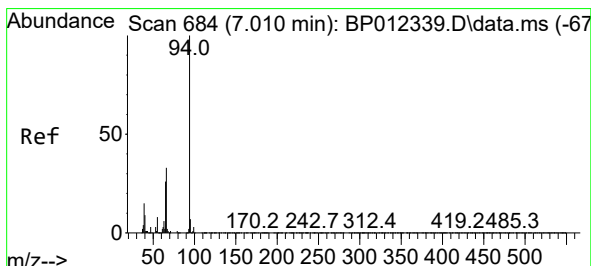
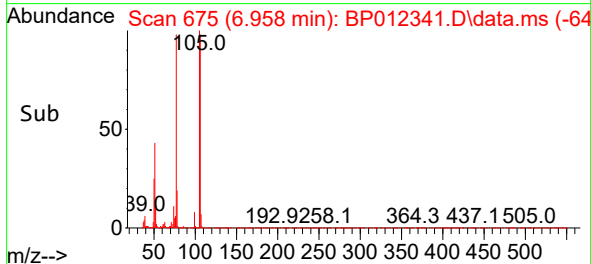
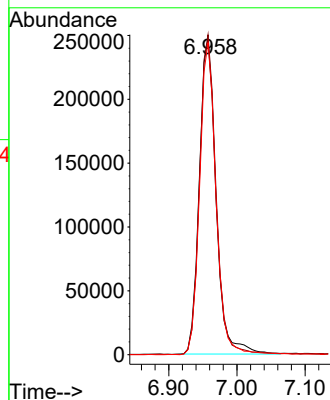
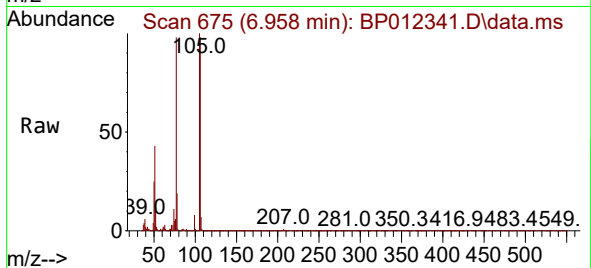




#6
Benzaldehyde
Concen: 43.103 ng/ul
RT: 6.958 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

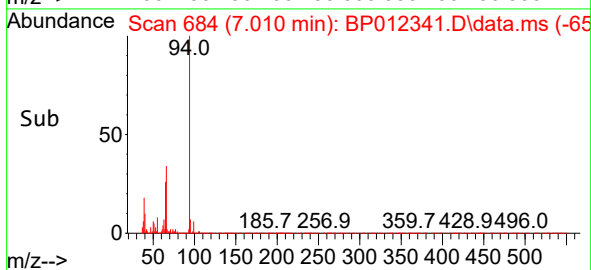
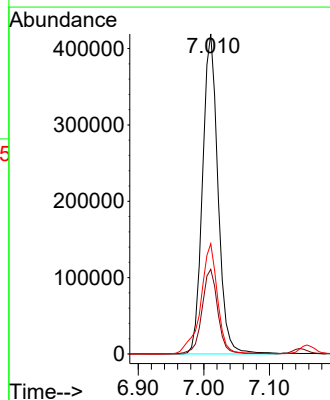
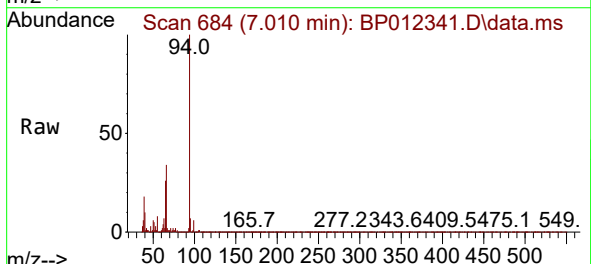
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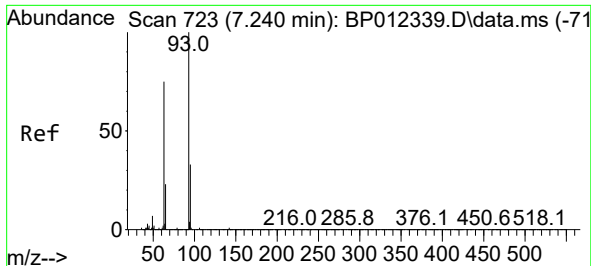
Tgt Ion: 77 Resp: 421720
Ion Ratio Lower Upper
77 100
105 101.5 81.0 121.6
106 99.1 79.2 118.8



#8
Phenol
Concen: 31.862 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

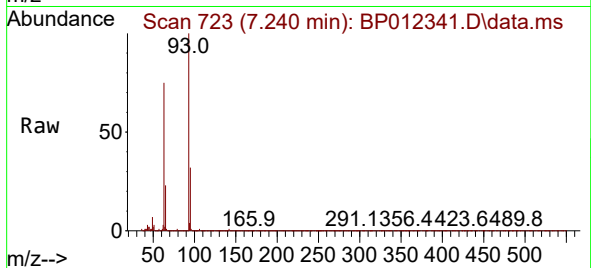
Tgt Ion: 94 Resp: 687271
Ion Ratio Lower Upper
94 100
65 26.4 20.8 31.2
66 34.5 26.2 39.2



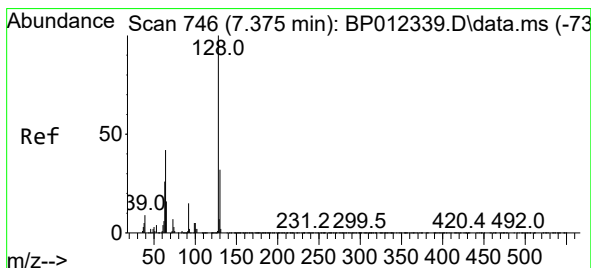
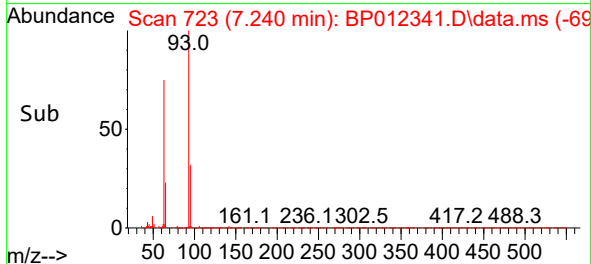
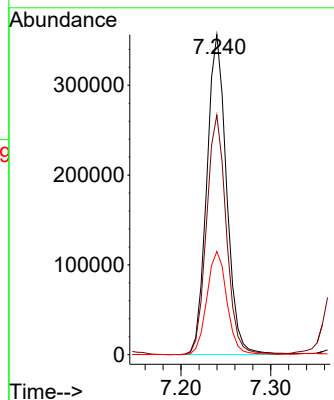


#10
Bis(2-Chloroethyl)ether
Concen: 31.423 ng/ul
RT: 7.240 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Instrument :
BNA_P
ClientSampleId :

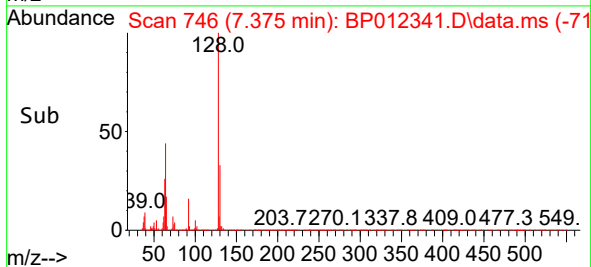
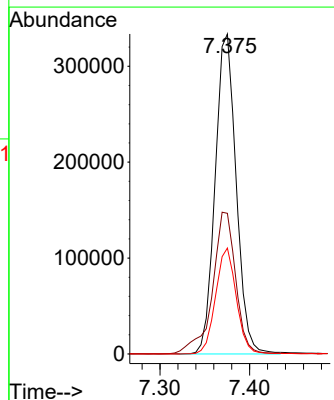
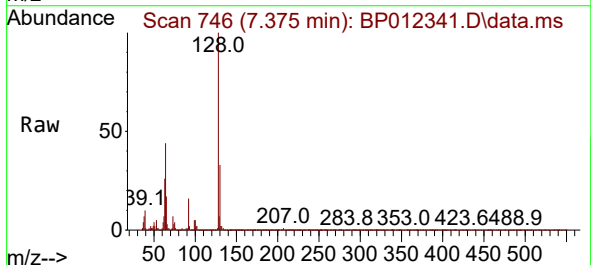


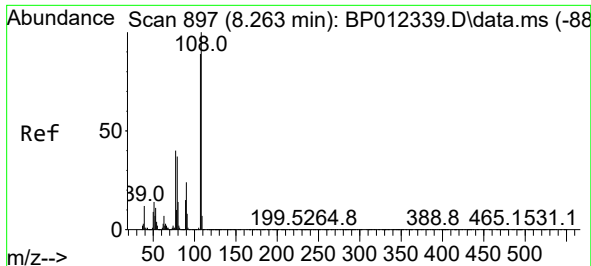
Tgt Ion: 93 Resp: 543994
Ion Ratio Lower Upper
93 100
63 74.9 59.9 89.9
95 32.2 25.7 38.5



#12
2-Chlorophenol
Concen: 32.895 ng/ul
RT: 7.375 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:128 Resp: 542487
Ion Ratio Lower Upper
128 100
64 43.9 35.1 52.7
130 33.1 25.8 38.6





#13

2-Methylphenol

Concen: 31.905 ng/ul

RT: 8.263 min Scan# 897

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

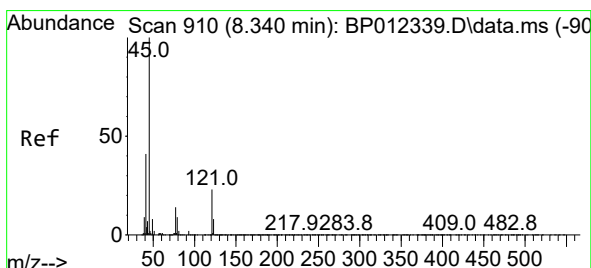
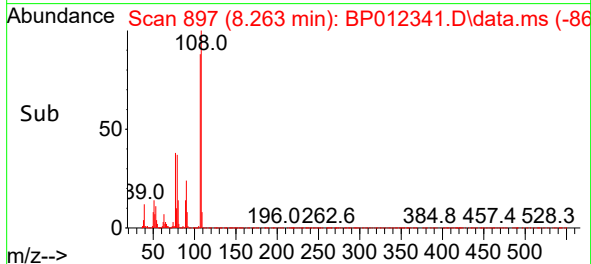
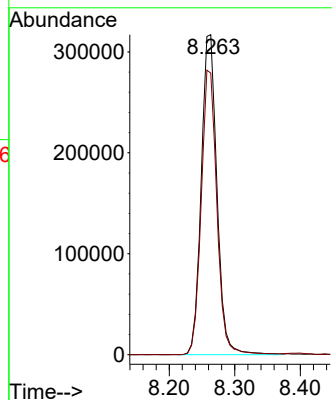
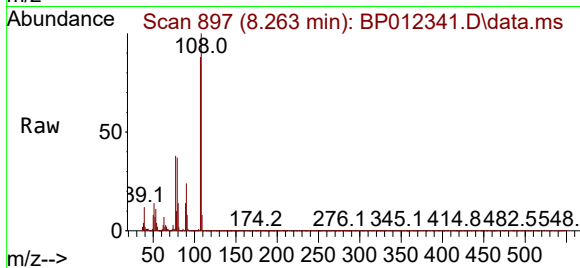
ClientSampleId :

Tgt Ion:108 Resp: 529239

Ion Ratio Lower Upper

108 100

107 88.0 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.488 ng/ul

RT: 8.346 min Scan# 911

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

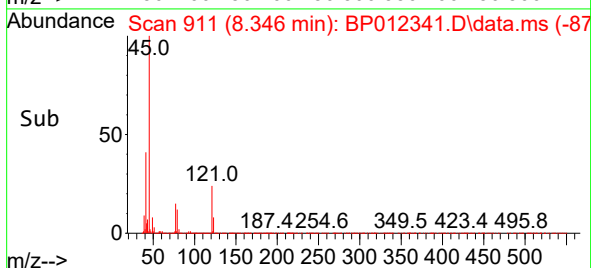
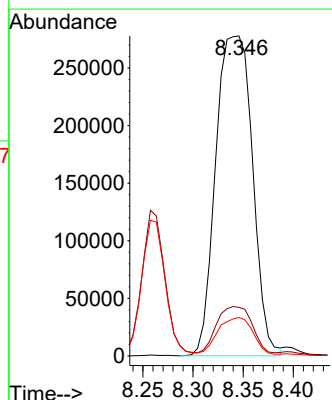
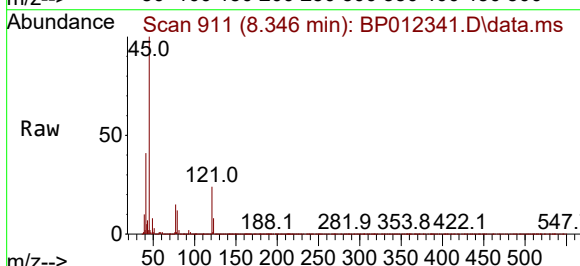
Tgt Ion: 45 Resp: 707828

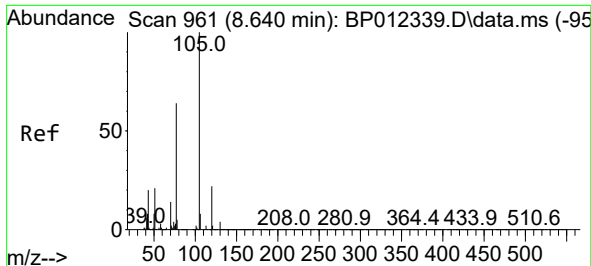
Ion Ratio Lower Upper

45 100

77 15.2 12.1 18.1

79 12.1 9.7 14.5

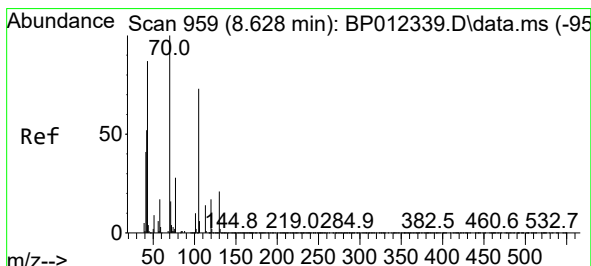
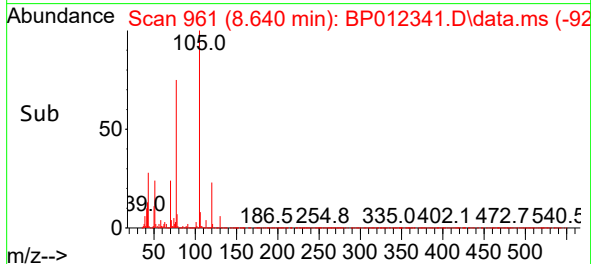
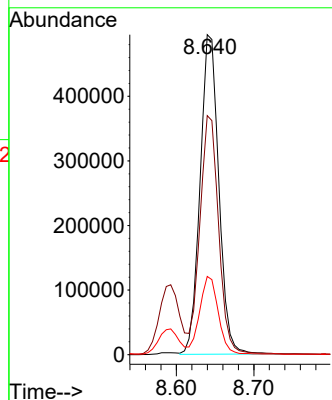
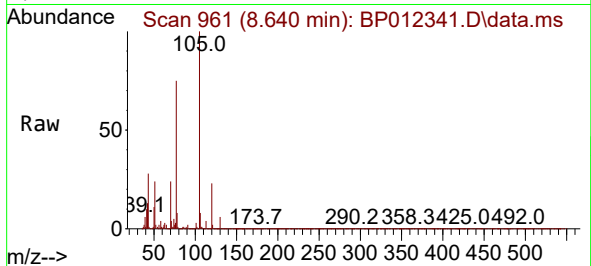




#16
Acetophenone
Concen: 32.525 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

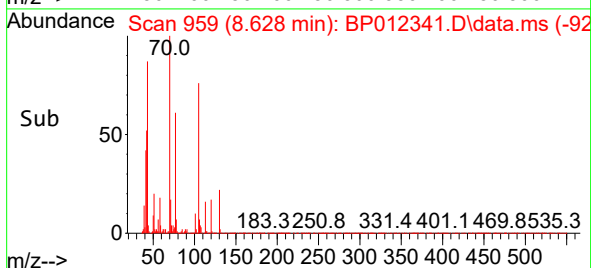
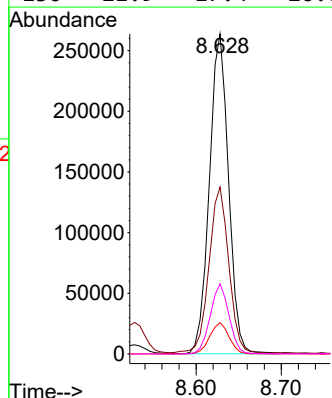
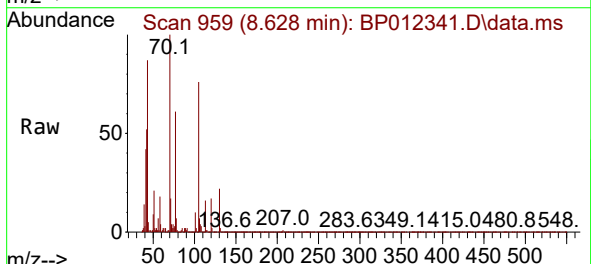
Instrument :
BNA_P
ClientSampleId :

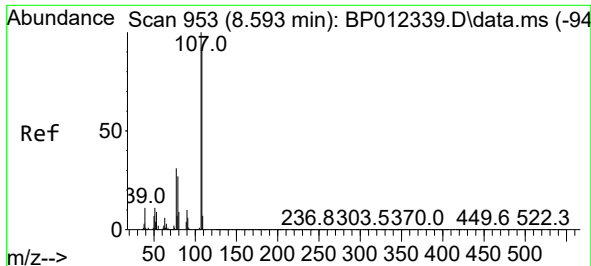
Tgt Ion:105 Resp: 828837
Ion Ratio Lower Upper
105 100
77 74.7 60.3 90.5
51 24.5 19.9 29.9



#17
N-Nitroso-di-n-propylamine
Concen: 33.546 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion: 70 Resp: 411553
Ion Ratio Lower Upper
70 100
42 52.2 41.7 62.5
101 9.8 7.8 11.8
130 21.9 17.4 26.0

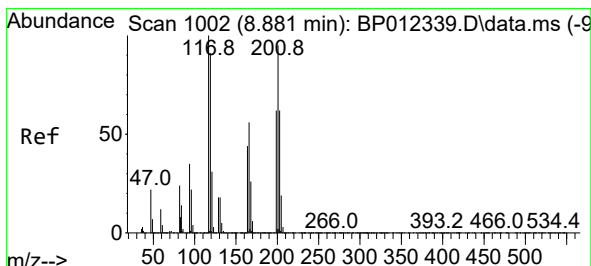
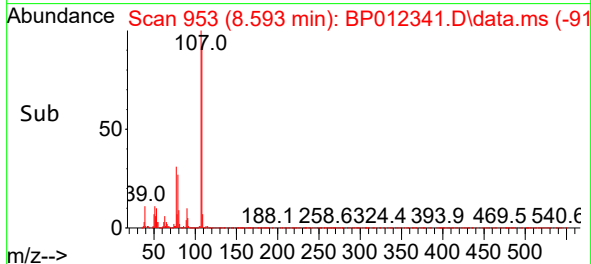
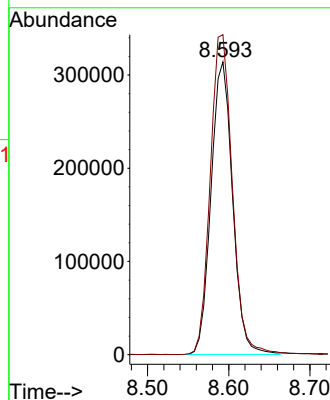
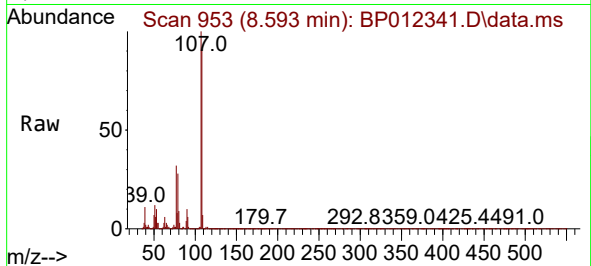




#18
4-Methylphenol
Concen: 31.990 ng/ul
RT: 8.593 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

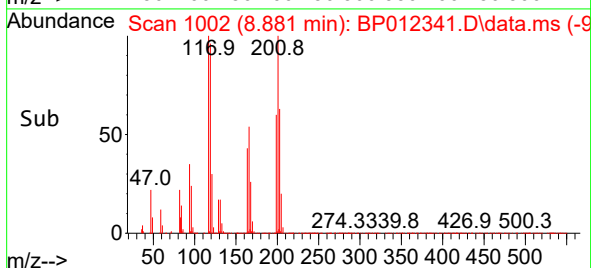
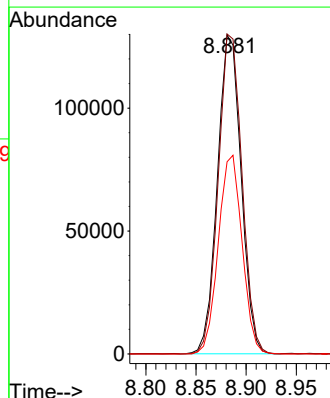
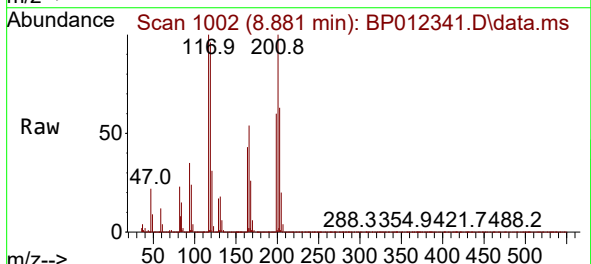
Instrument :
BNA_P
ClientSampleId :

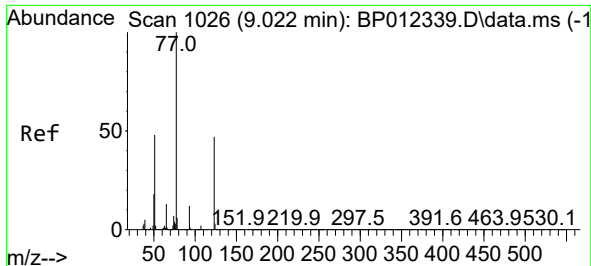
Tgt Ion:108 Resp: 579993
Ion Ratio Lower Upper
108 100
107 109.3 89.1 133.7



#19
Hexachloroethane
Concen: 33.604 ng/ul
RT: 8.881 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:117 Resp: 213142
Ion Ratio Lower Upper
117 100
201 100.3 78.5 117.7
199 60.2 49.9 74.9

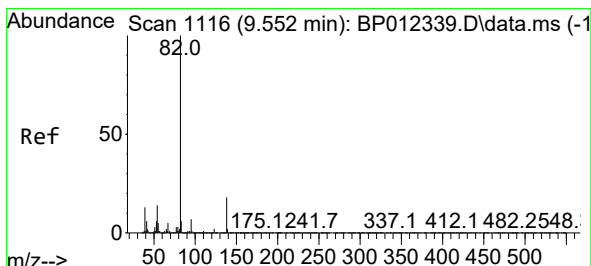
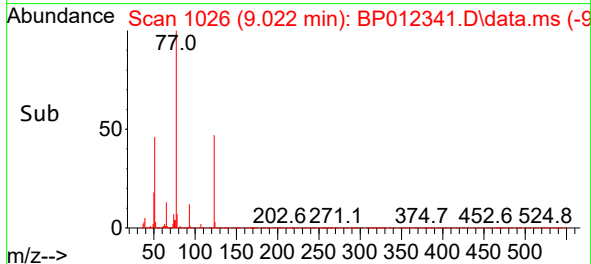
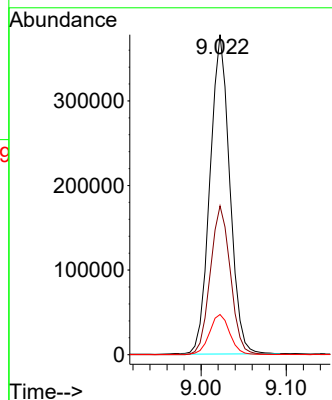
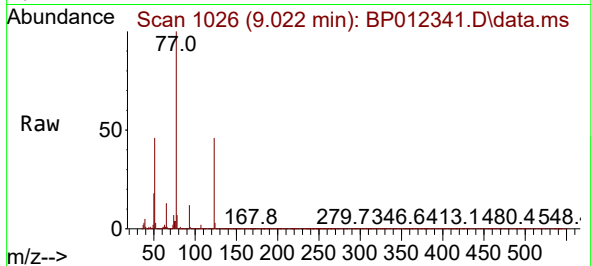




#22
Nitrobenzene
Concen: 33.070 ng/ul
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

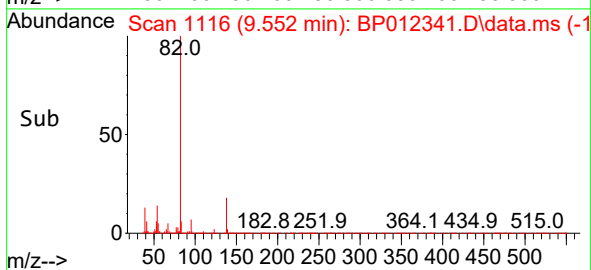
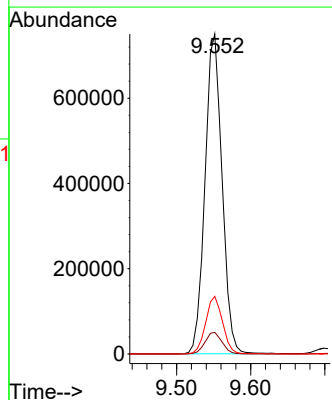
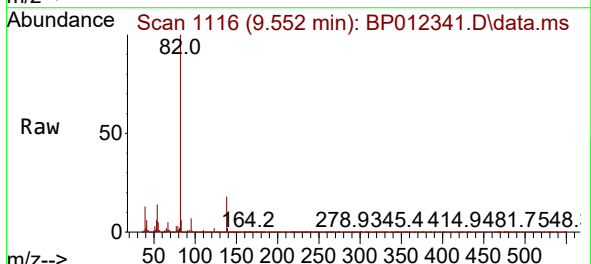
Instrument :
BNA_P
ClientSampleId :

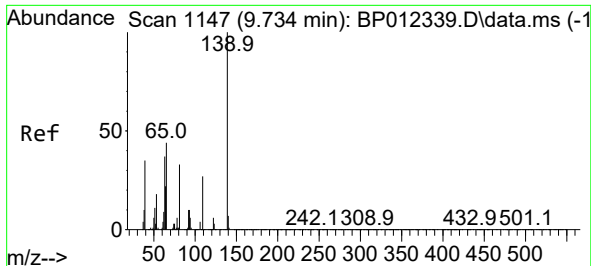
Tgt Ion: 77 Resp: 609385
Ion Ratio Lower Upper
77 100
123 46.5 37.4 56.2
65 12.5 10.2 15.2



#23
Isophorone
Concen: 31.098 ng/ul
RT: 9.552 min Scan# 1116
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion: 82 Resp: 1199136
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.0 14.2 21.2

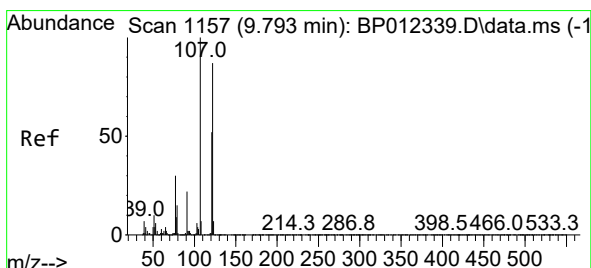
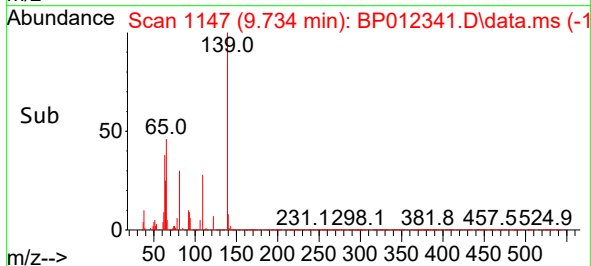
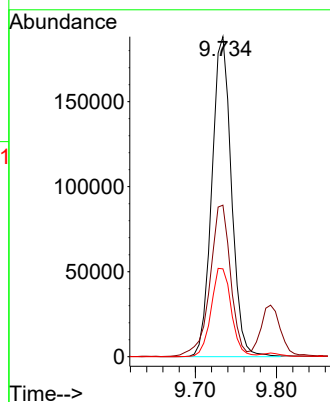
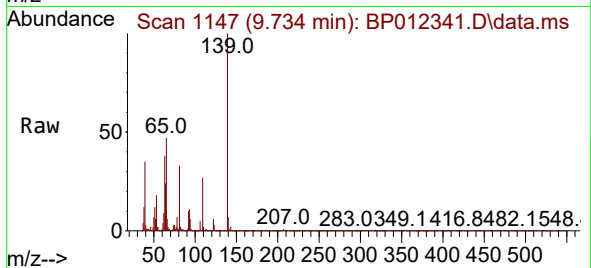




#25
2-Nitrophenol
Concen: 35.877 ng/ul
RT: 9.734 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

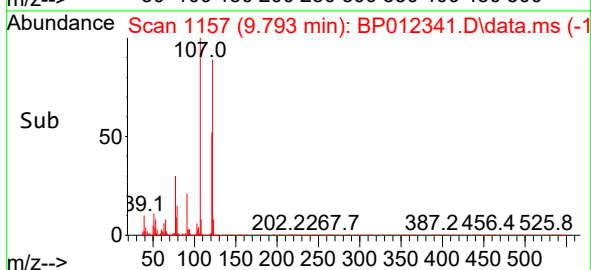
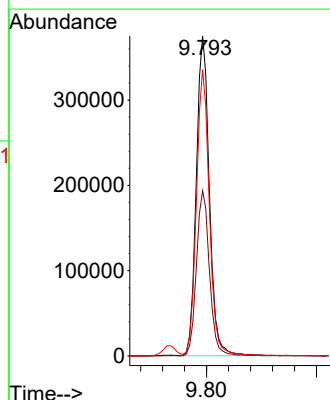
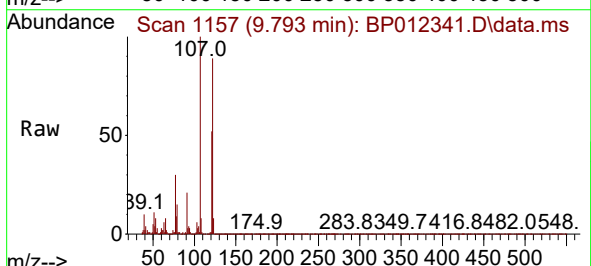
Instrument :
BNA_P
ClientSampleId :

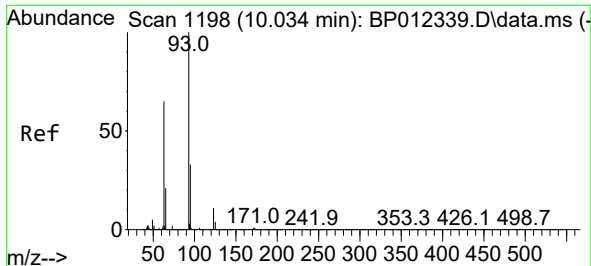
Tgt Ion:139 Resp: 315351
Ion Ratio Lower Upper
139 100
65 47.3 37.8 56.8
109 27.5 21.4 32.2



#26
2,4-Dimethylphenol
Concen: 32.024 ng/ul
RT: 9.793 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:107 Resp: 618070
Ion Ratio Lower Upper
107 100
121 51.7 40.9 61.3
122 89.4 70.6 105.8

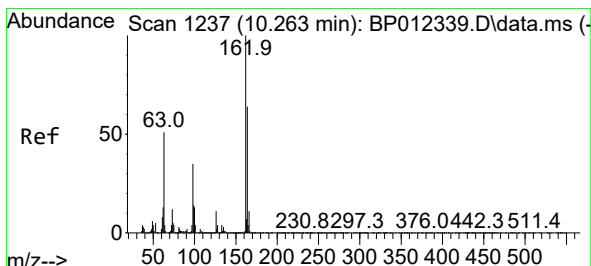
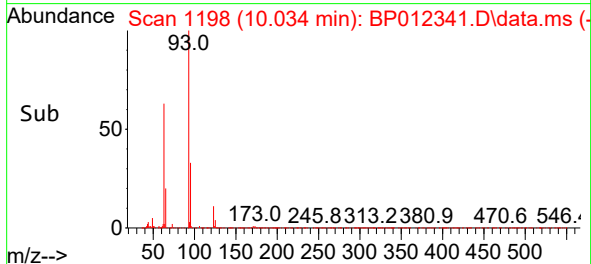
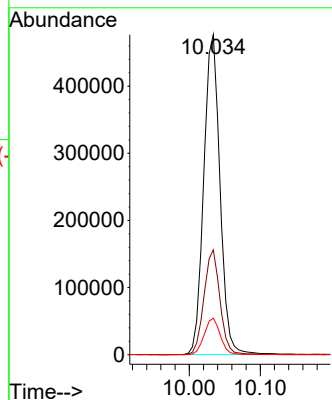
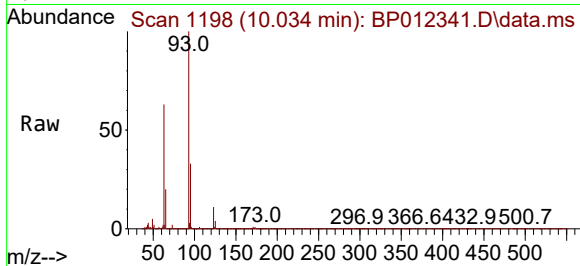




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.764 ng/ul
 RT: 10.034 min Scan# 1198
 Delta R.T. -0.000 min
 Lab File: BP012341.D
 Acq: 27 Oct 2022 13:11

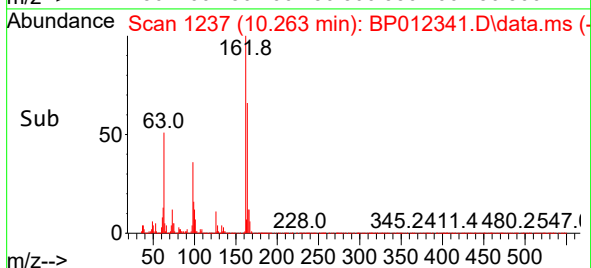
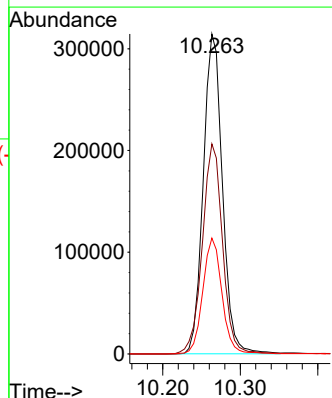
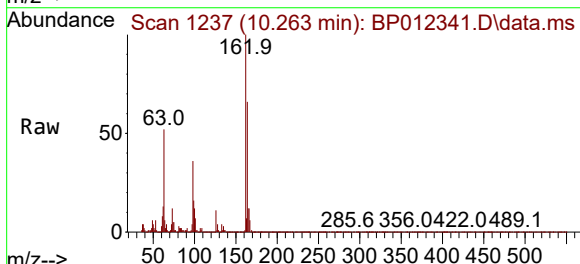
Instrument :
 BNA_P
 ClientSampleId :

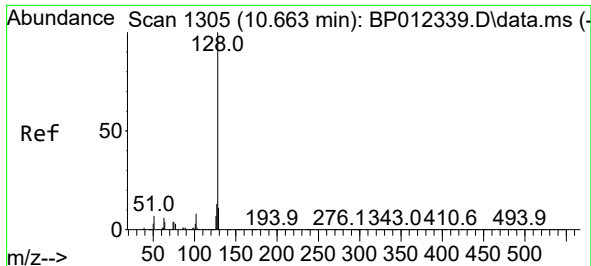
Tgt Ion: 93 Resp: 759121
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.4 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 32.714 ng/ul
 RT: 10.263 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: BP012341.D
 Acq: 27 Oct 2022 13:11

Tgt Ion:162 Resp: 539510
 Ion Ratio Lower Upper
 162 100
 164 65.7 51.9 77.9
 98 36.2 28.6 43.0

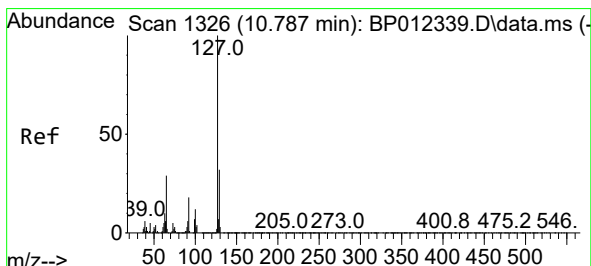
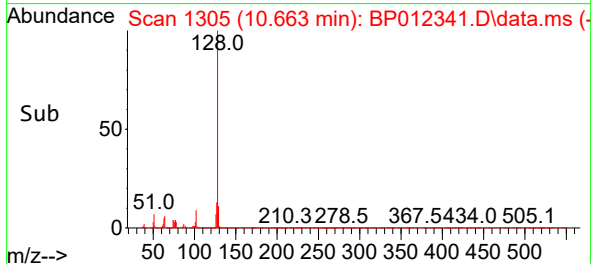
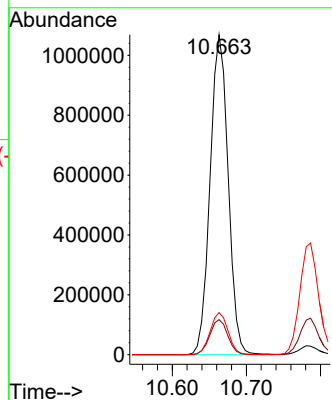
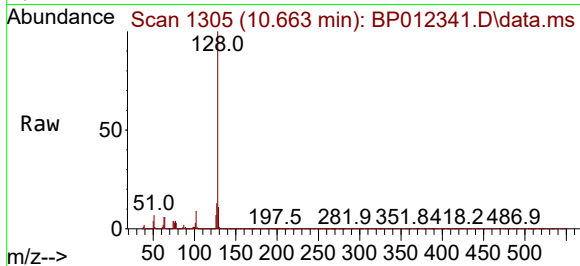




#30
Naphthalene
Concen: 31.370 ng/ul
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

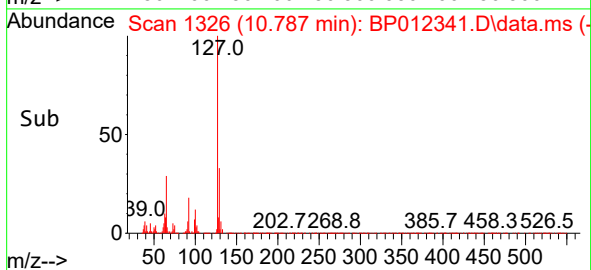
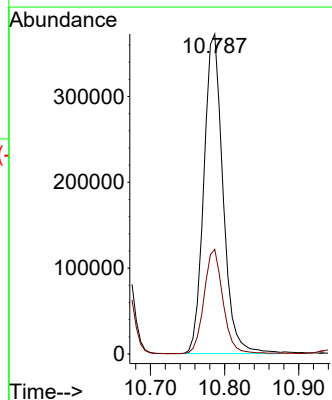
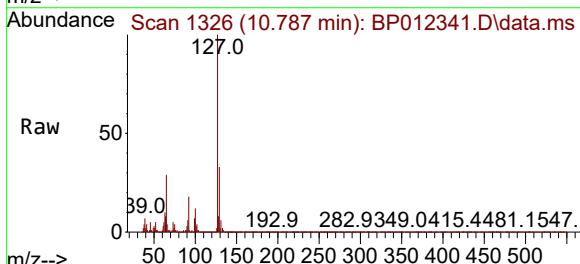
Instrument :
BNA_P
ClientSampleId :

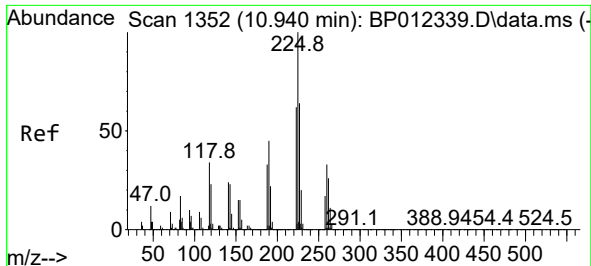
Tgt Ion:128 Resp: 1810726
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 27.513 ng/ul
RT: 10.787 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

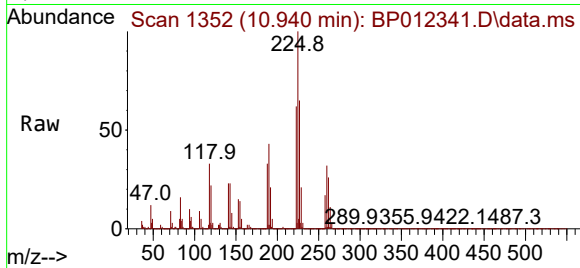
Tgt Ion:127 Resp: 669649
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0



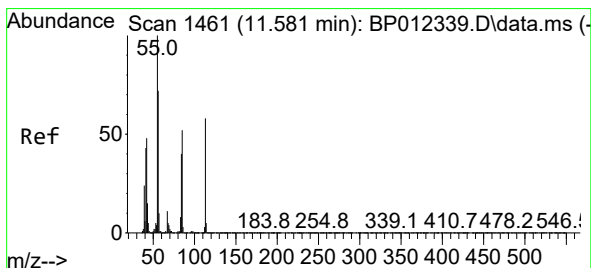
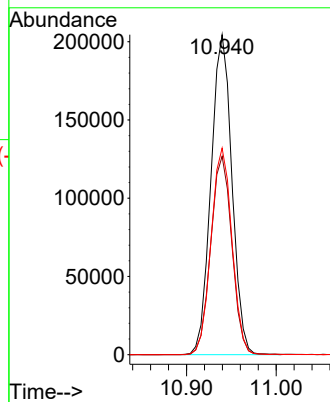
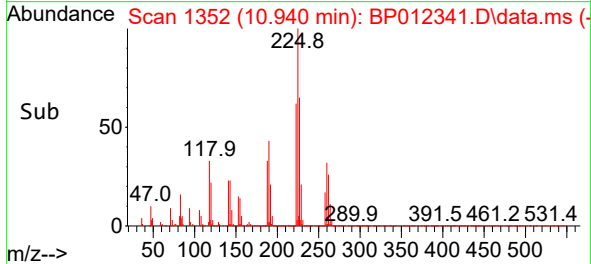


#33
Hexachlorobutadiene
Concen: 32.273 ng/ul
RT: 10.940 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

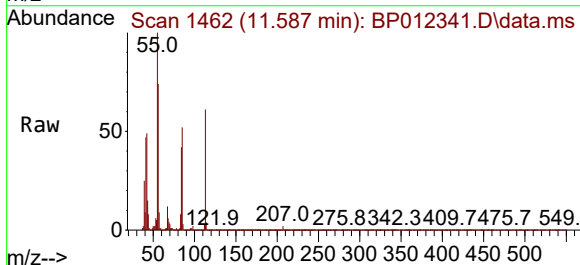
Instrument :
BNA_P
ClientSampleId :



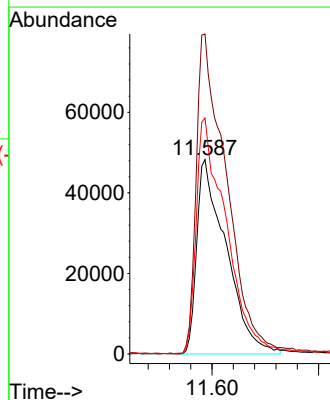
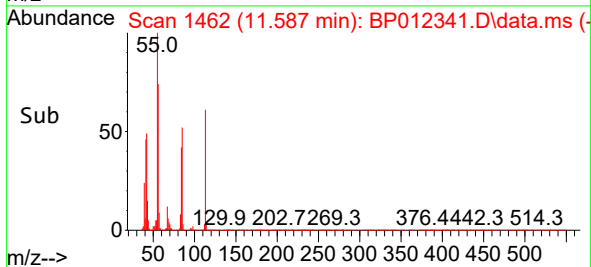
Tgt Ion:225 Resp: 331130
Ion Ratio Lower Upper
225 100
223 62.0 49.0 73.6
227 64.5 51.9 77.9

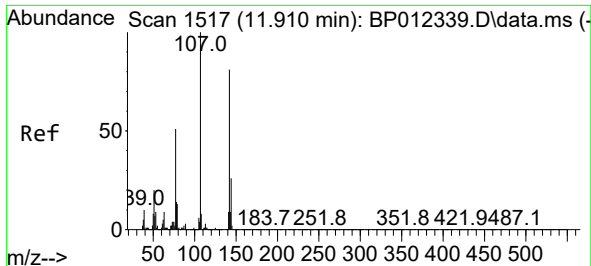


#34
Caprolactam
Concen: 32.823 ng/ul
RT: 11.587 min Scan# 1462
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11



Tgt Ion:113 Resp: 184189
Ion Ratio Lower Upper
113 100
55 164.6 135.6 203.4
56 121.4 98.9 148.3

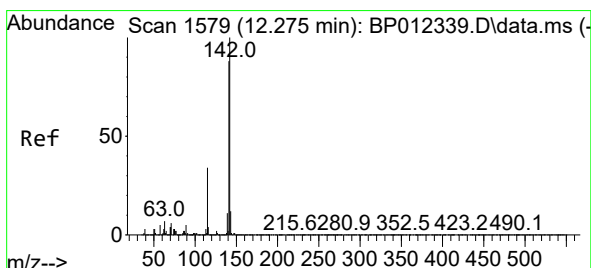
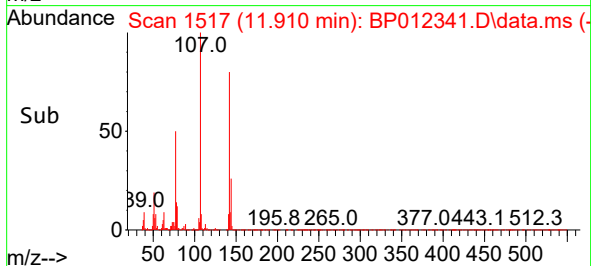
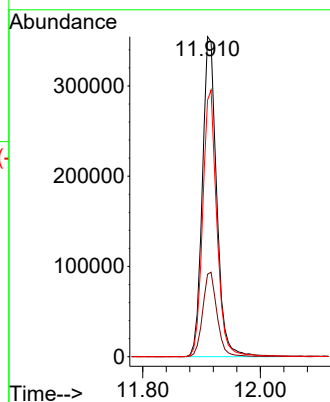
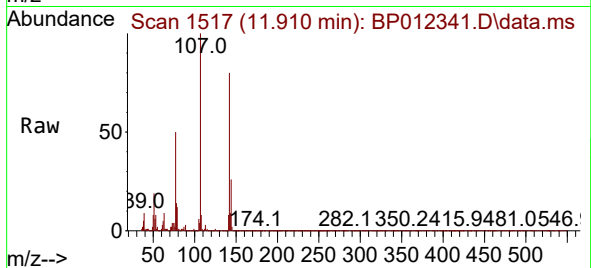




#35
4-Chloro-3-methylphenol
Concen: 33.120 ng/ul
RT: 11.910 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

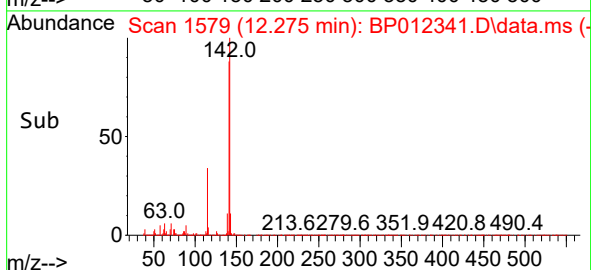
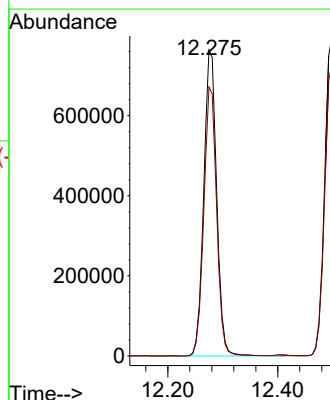
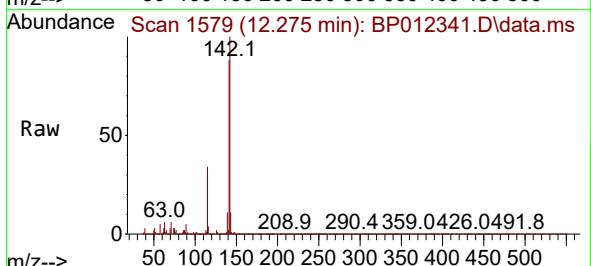
Instrument :
BNA_P
ClientSampleId :

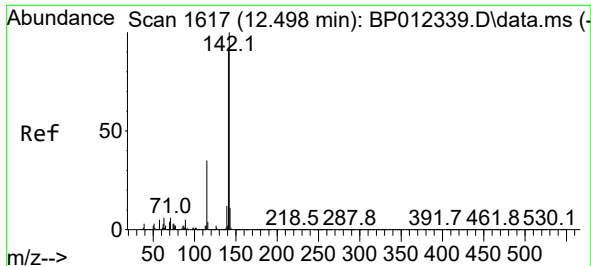
Tgt Ion:107 Resp: 600167
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 80.2 65.4 98.2



#36
2-Methylnaphthalene
Concen: 31.320 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:142 Resp: 1239396
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0





#37

1-Methylnaphthalene

Concen: 31.440 ng/ul

RT: 12.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

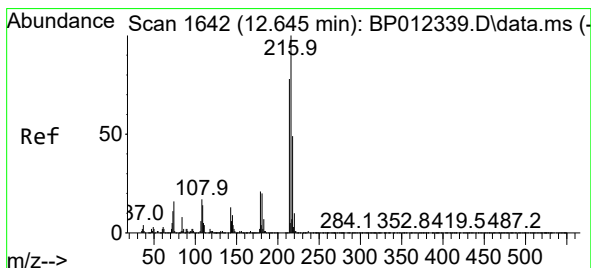
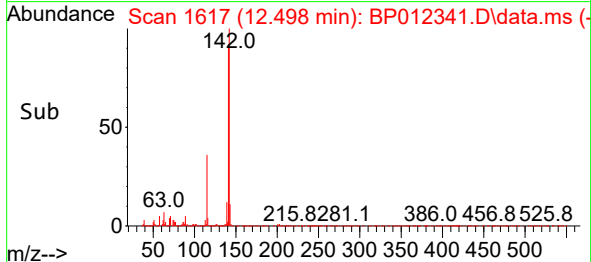
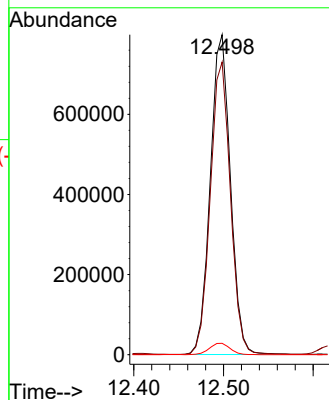
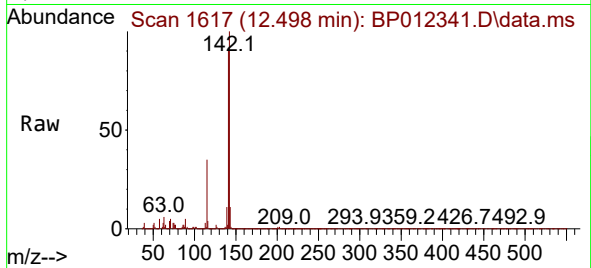
Tgt Ion:142 Resp: 1242479

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7

116 3.6 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.571 ng/ul

RT: 12.645 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Tgt Ion:216 Resp: 649155

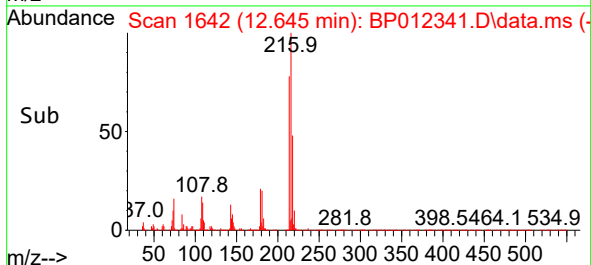
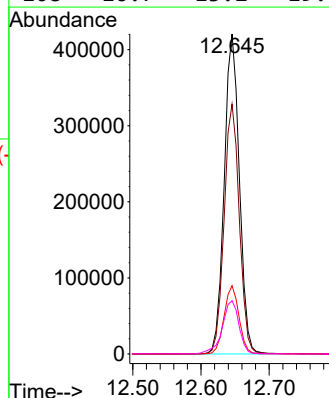
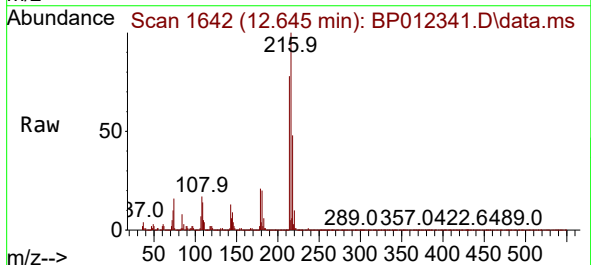
Ion Ratio Lower Upper

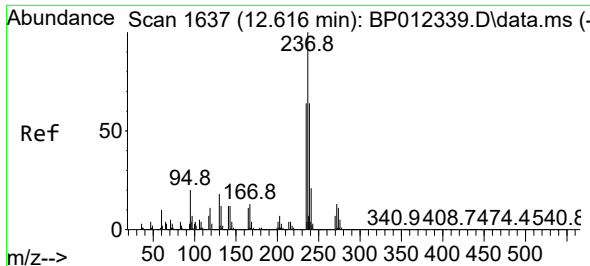
216 100

214 78.0 62.9 94.3

179 21.3 16.6 24.8

108 16.7 13.2 19.8

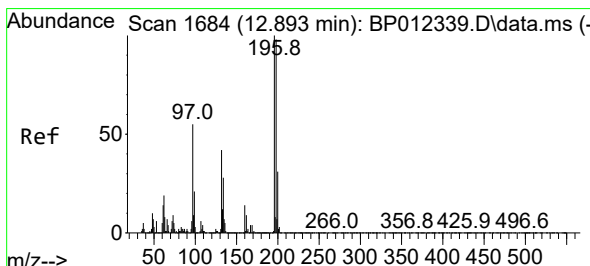
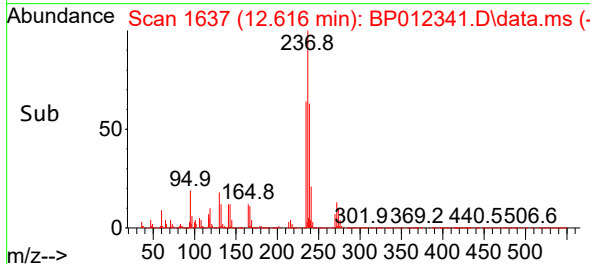
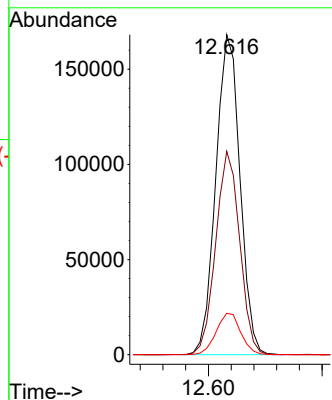
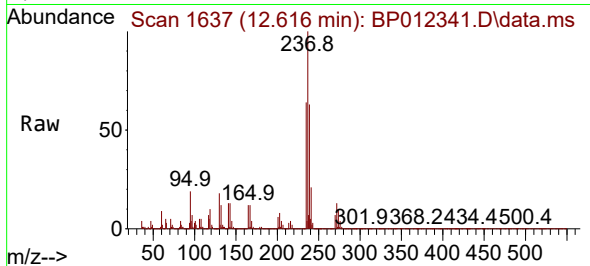




#40
Hexachlorocyclopentadiene
Concen: 26.172 ng/ul
RT: 12.616 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

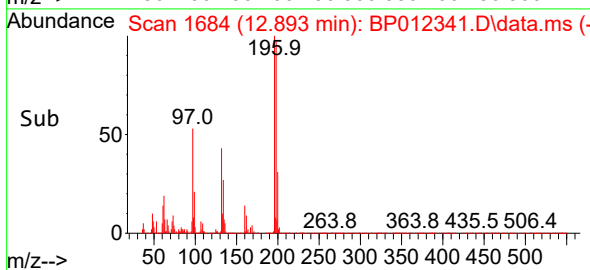
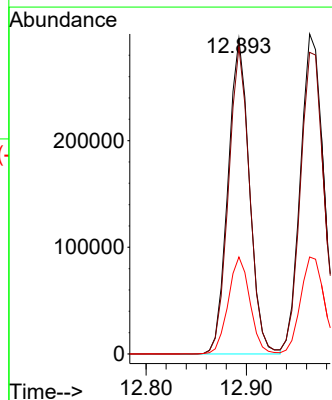
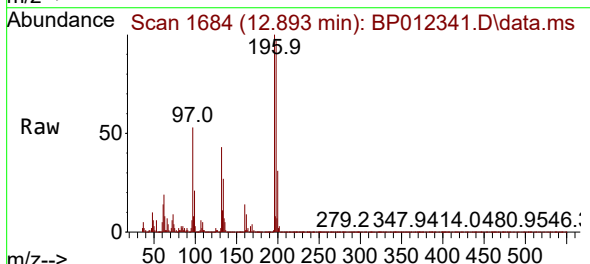
Instrument :
BNA_P
ClientSampleId :

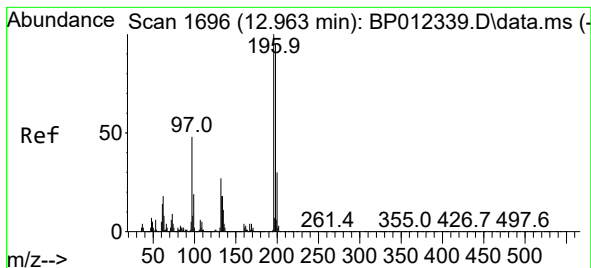
Tgt Ion:237 Resp: 248968
Ion Ratio Lower Upper
237 100
235 63.5 50.1 75.1
272 13.7 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 33.383 ng/ul
RT: 12.893 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:196 Resp: 438755
Ion Ratio Lower Upper
196 100
198 97.4 77.2 115.8
200 30.7 25.1 37.7





#42

2,4,5-Trichlorophenol

Concen: 34.143 ng/ul

RT: 12.963 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

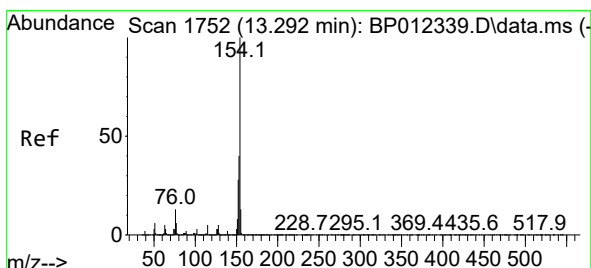
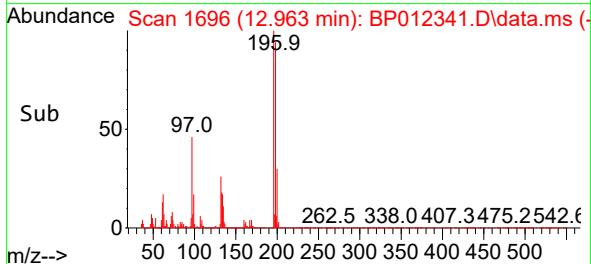
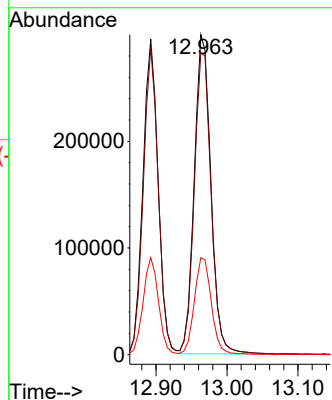
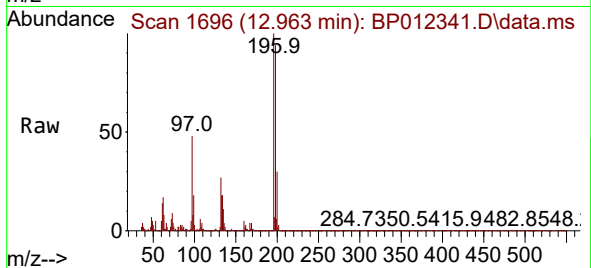
Tgt Ion:196 Resp: 489435

Ion Ratio Lower Upper

196 100

198 94.3 77.8 116.8

200 30.3 25.0 37.4



#43

1,1'-Biphenyl

Concen: 31.128 ng/ul

RT: 13.293 min Scan# 1752

Delta R.T. -0.005 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

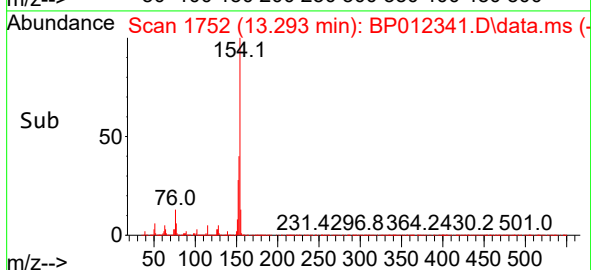
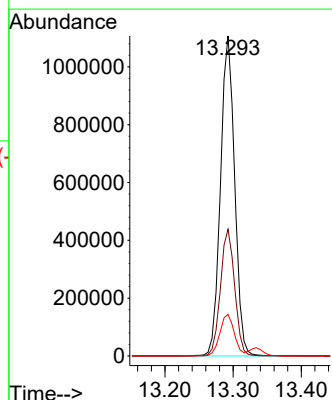
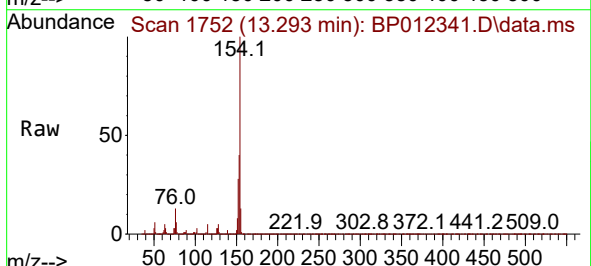
Tgt Ion:154 Resp: 1602264

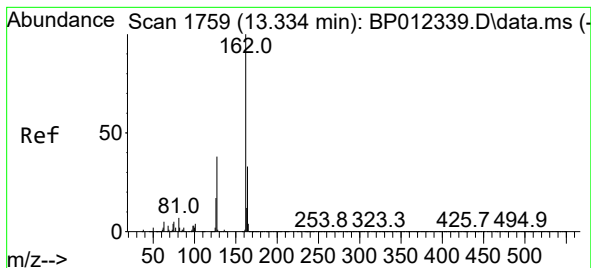
Ion Ratio Lower Upper

154 100

153 39.6 31.9 47.9

76 13.0 10.6 16.0





#44

2-Chloronaphthalene

Concen: 31.499 ng/ul

RT: 13.334 min Scan# 1759

Delta R.T. -0.005 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

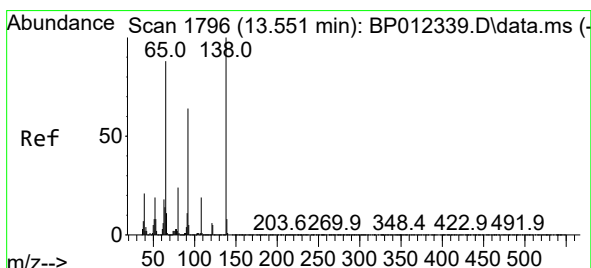
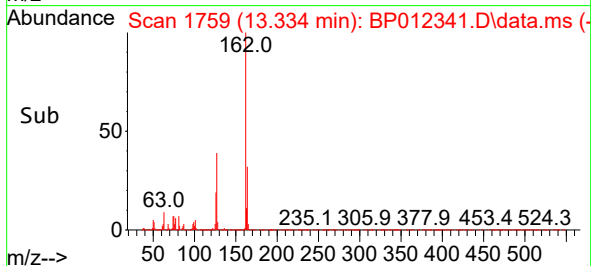
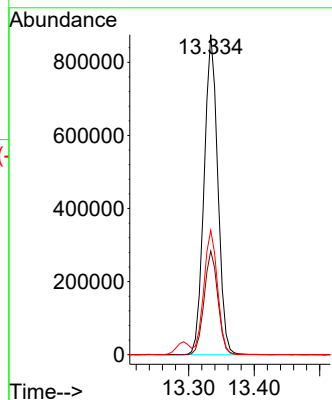
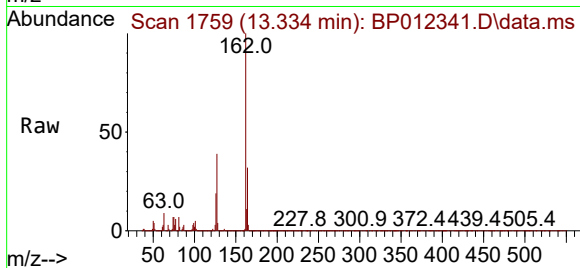
Tgt Ion:162 Resp: 1274064

Ion Ratio Lower Upper

162 100

164 32.4 26.6 39.8

127 38.8 30.9 46.3



#45

2-Nitroaniline

Concen: 38.863 ng/ul

RT: 13.551 min Scan# 1796

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

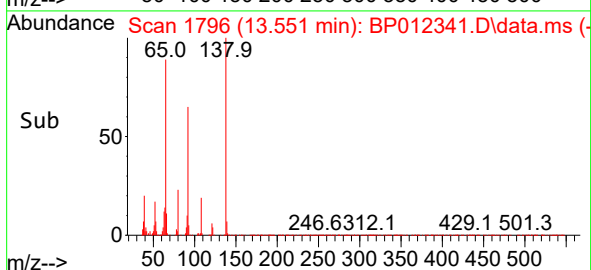
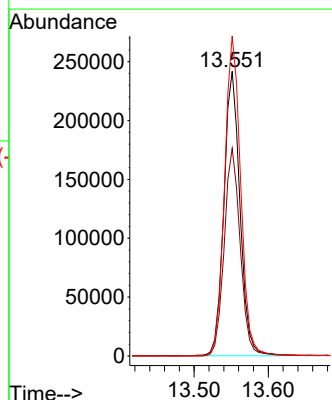
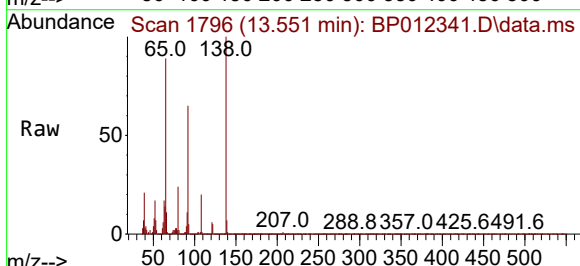
Tgt Ion: 65 Resp: 364329

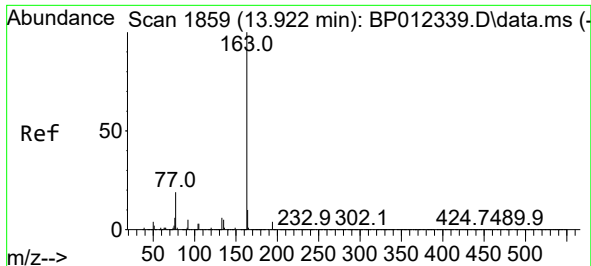
Ion Ratio Lower Upper

65 100

92 72.9 58.5 87.7

138 112.4 91.1 136.7

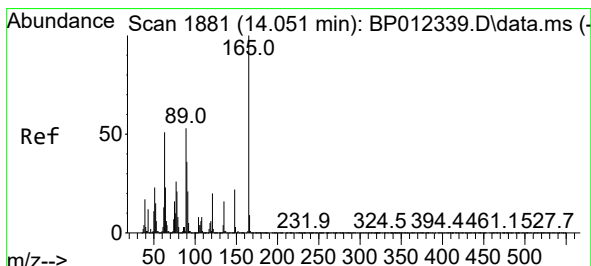
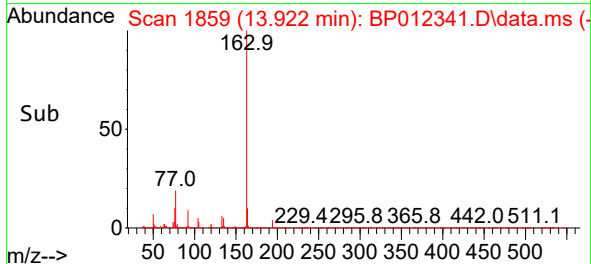
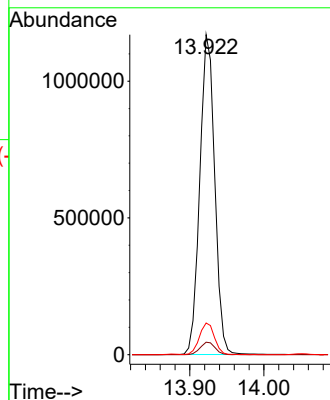
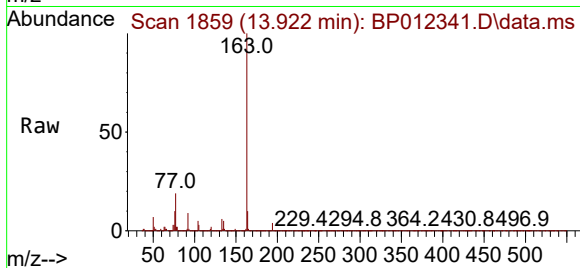




#47
Dimethylphthalate
Concen: 32.345 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

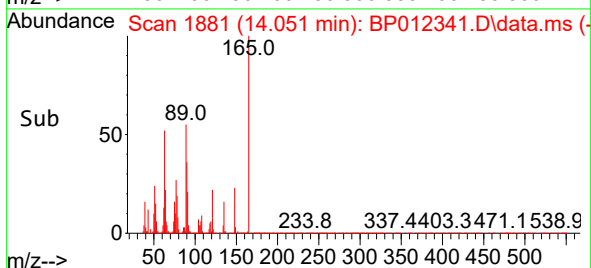
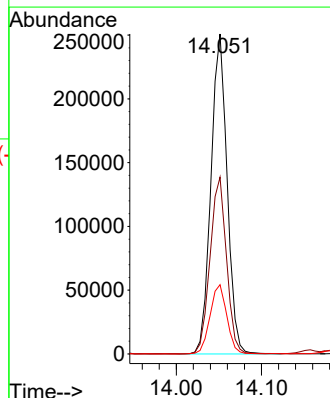
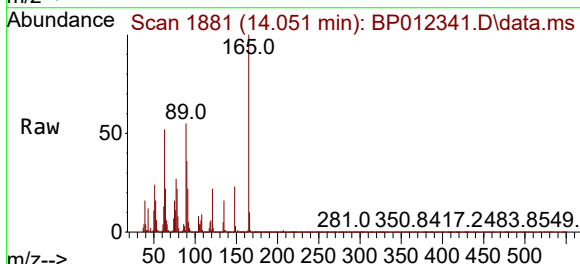
Instrument :
BNA_P
ClientSampleId :

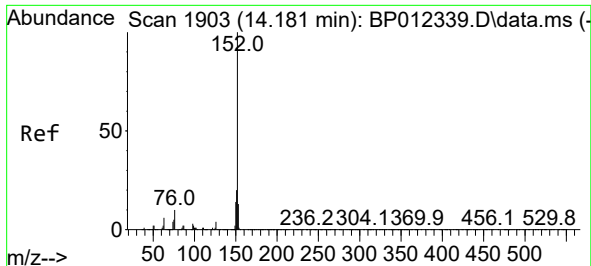
Tgt Ion:163 Resp: 1633057
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 39.414 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:165 Resp: 330415
Ion Ratio Lower Upper
165 100
89 55.2 43.4 65.2
121 21.7 17.1 25.7

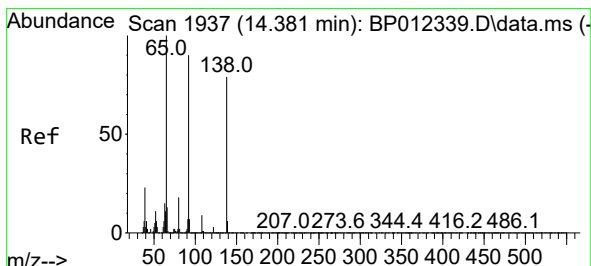
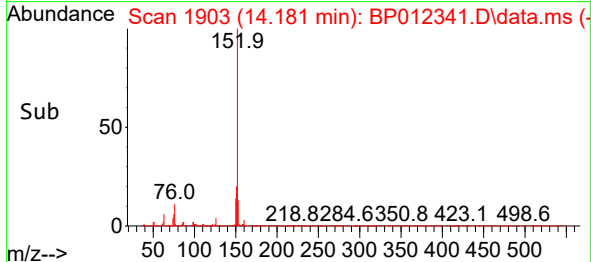
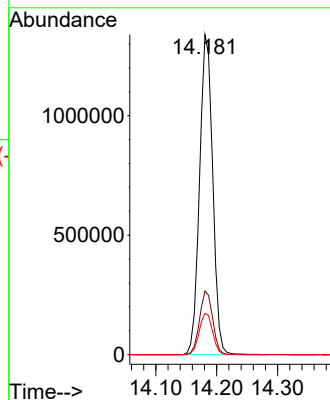
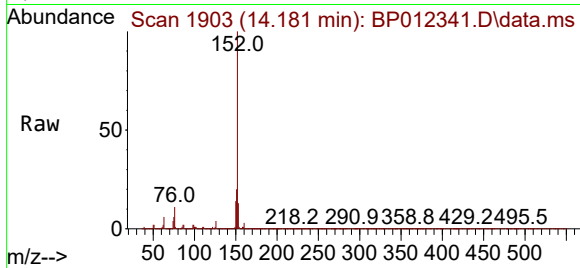




#50
Acenaphthylene
Concen: 32.686 ng/ul
RT: 14.181 min Scan# 1903
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

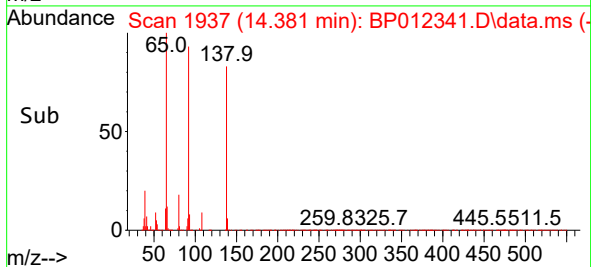
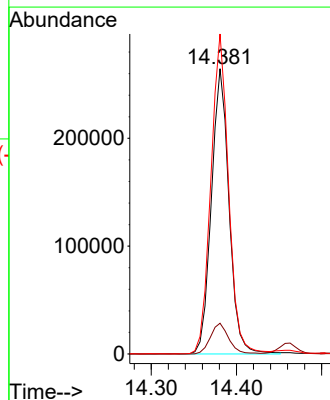
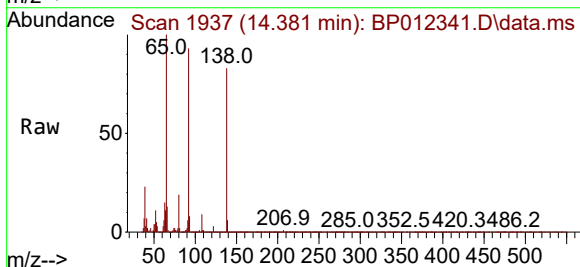
Instrument :
BNA_P
ClientSampleId :

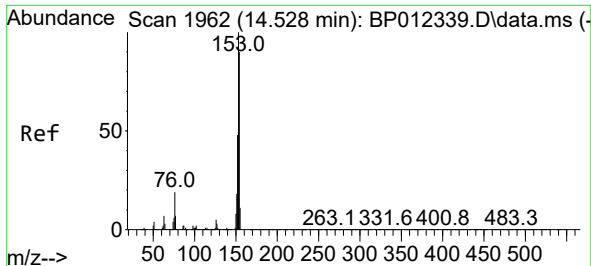
Tgt Ion:152 Resp: 2007403
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.8 16.2



#51
3-Nitroaniline
Concen: 37.056 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:138 Resp: 380366
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 112.2 90.6 135.8

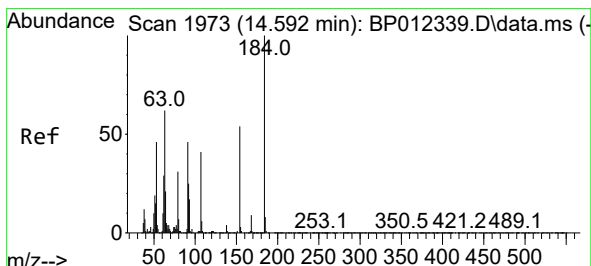
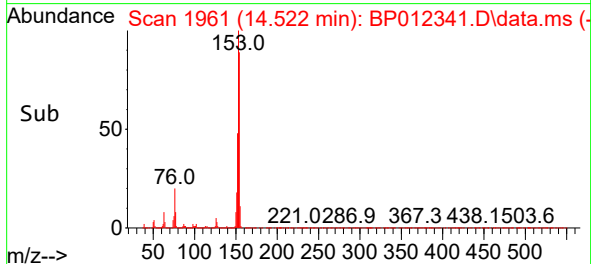
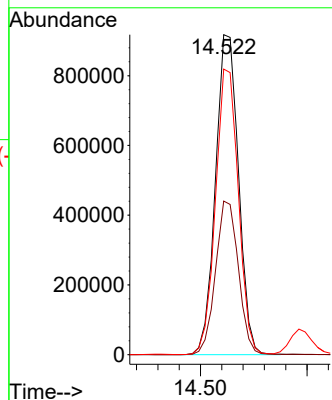
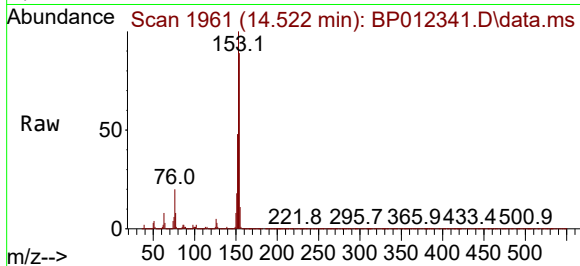




#52
Acenaphthene
Concen: 31.840 ng/ul
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

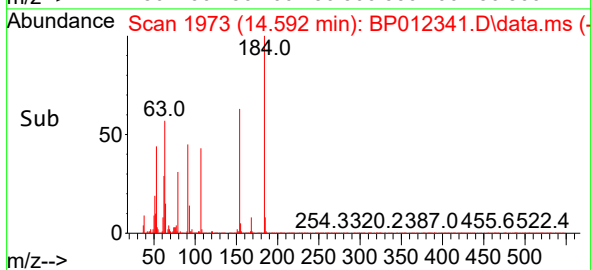
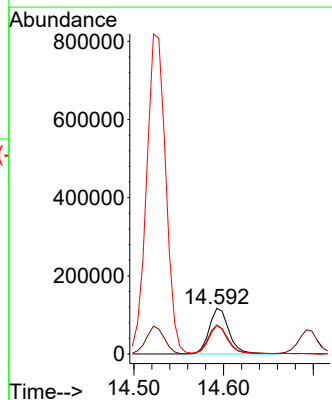
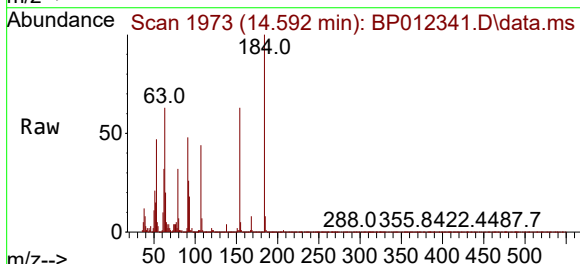
Instrument :
BNA_P
ClientSampleId :

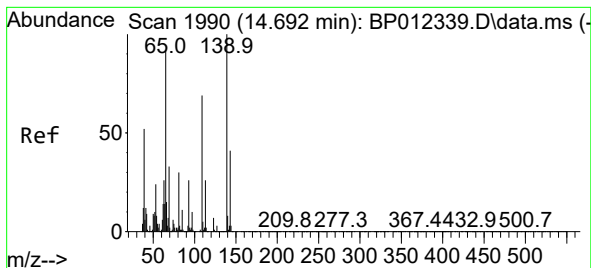
Tgt Ion:153 Resp: 1374199
Ion Ratio Lower Upper
153 100
152 48.0 38.6 58.0
154 89.2 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 31.591 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:184 Resp: 178847
Ion Ratio Lower Upper
184 100
63 63.1 47.9 71.9
154 63.1 46.9 70.3

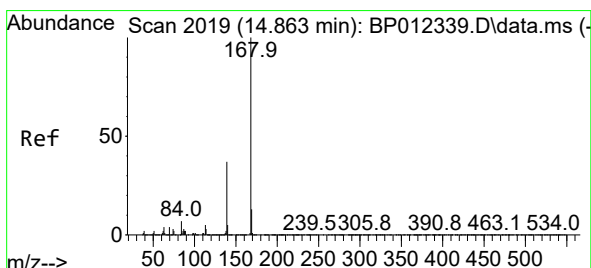
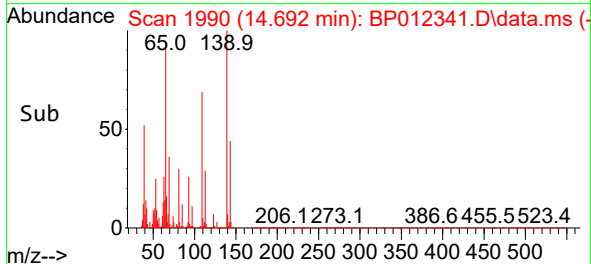
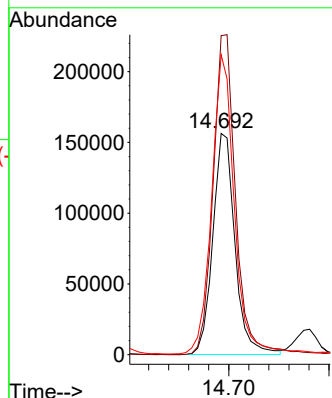
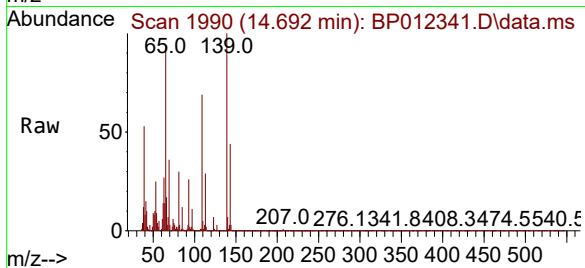




#55
4-Nitrophenol
Concen: 34.898 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

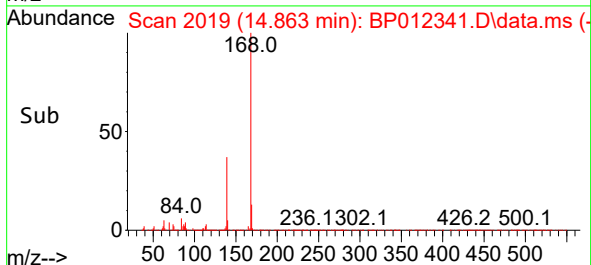
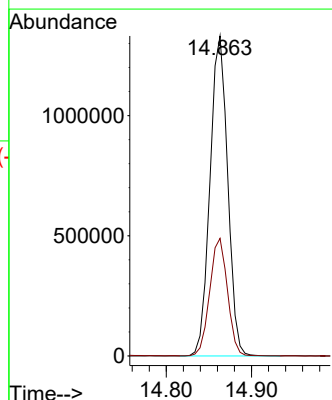
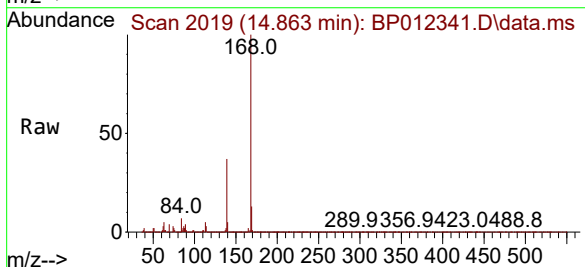
Instrument :
BNA_P
ClientSampleId :

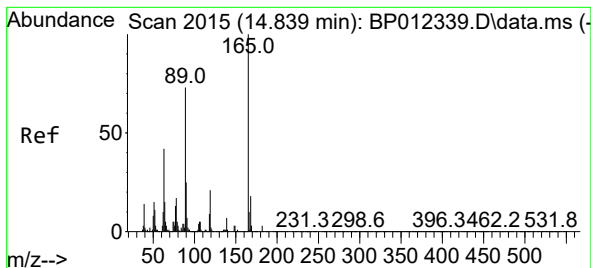
Tgt Ion:109 Resp: 239482
Ion Ratio Lower Upper
109 100
139 144.1 123.1 184.7
65 135.5 107.9 161.9



#56
Dibenzofuran
Concen: 32.579 ng/ul
RT: 14.863 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:168 Resp: 1919590
Ion Ratio Lower Upper
168 100
139 36.8 29.1 43.7

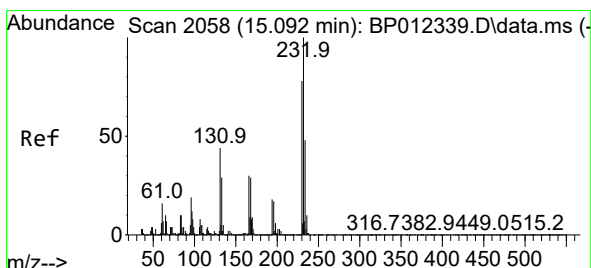
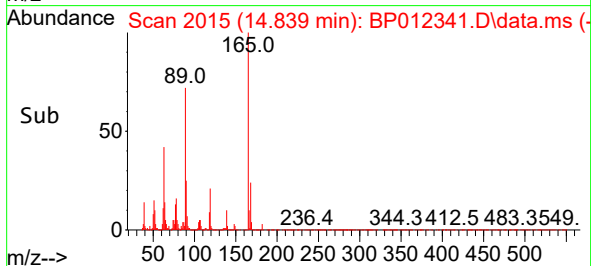
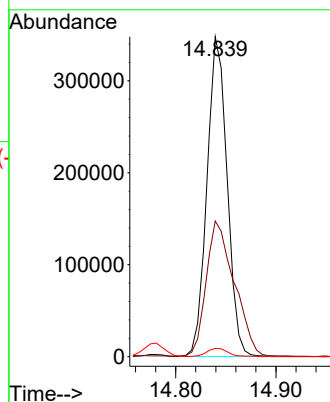
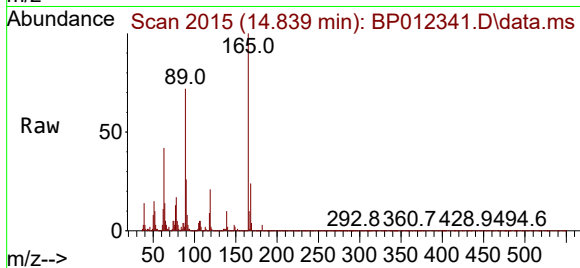




#57
2,4-Dinitrotoluene
Concen: 38.534 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

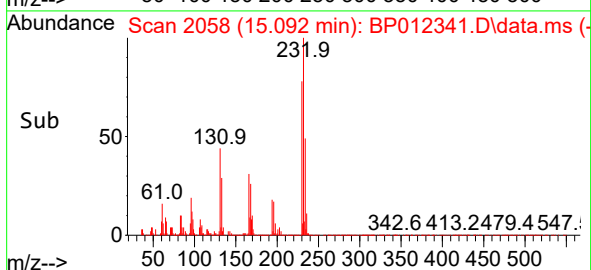
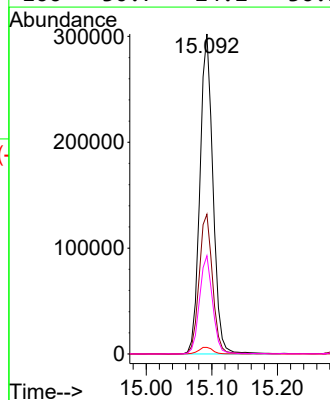
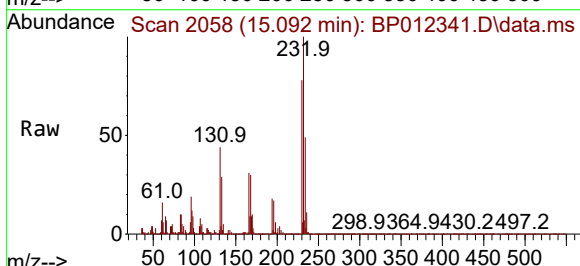
Instrument :
BNA_P
ClientSampleId :

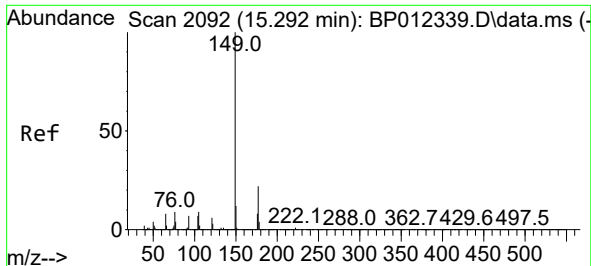
Tgt Ion:165 Resp: 486564
Ion Ratio Lower Upper
165 100
63 42.4 33.1 49.7
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.515 ng/ul
RT: 15.092 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

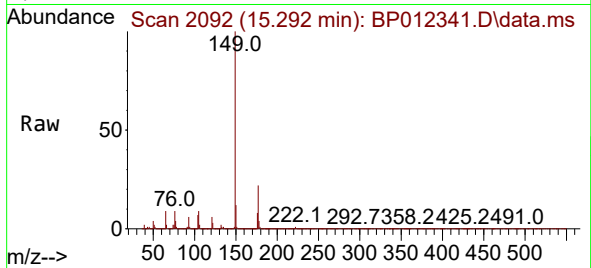
Tgt Ion:232 Resp: 419940
Ion Ratio Lower Upper
232 100
131 43.6 33.6 50.4
130 2.0 1.8 2.6
166 30.7 24.2 36.2



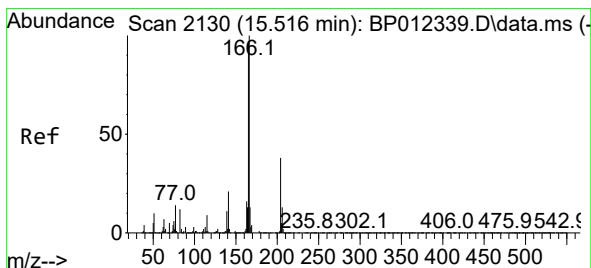
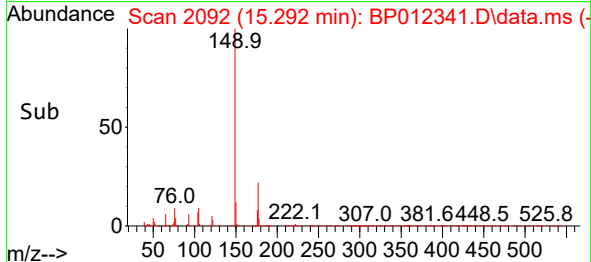
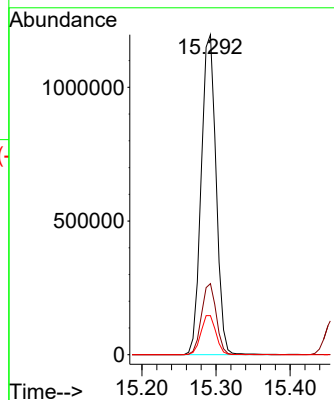


#59
Diethylphthalate
Concen: 33.877 ng/ul
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Instrument :
BNA_P
ClientSampleId :

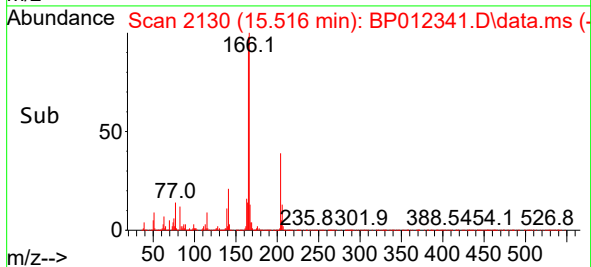
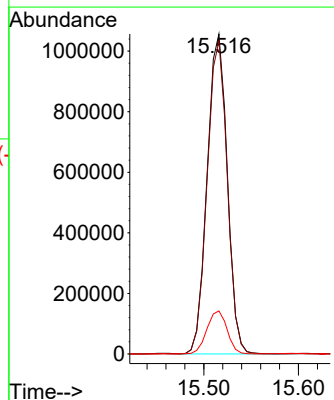
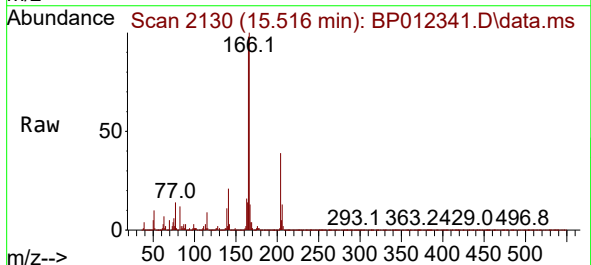


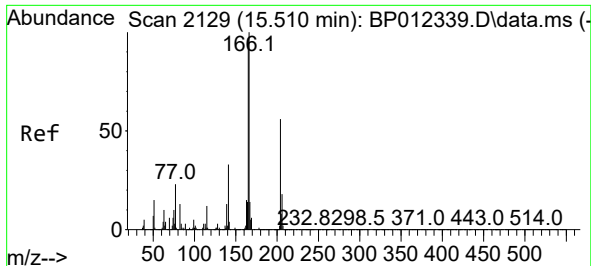
Tgt Ion:149 Resp: 1664263
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.2 9.8 14.6



#61
Fluorene
Concen: 33.261 ng/ul
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:166 Resp: 1557165
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.4 10.6 15.8

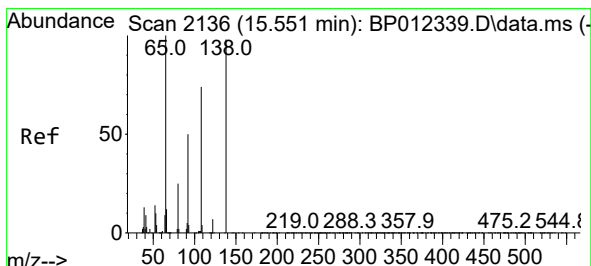
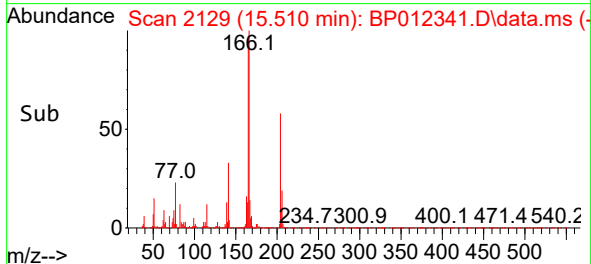
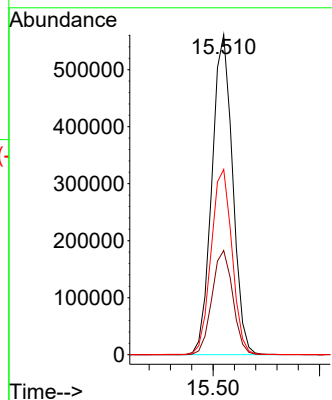
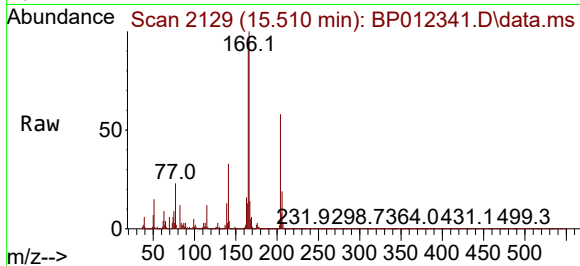




#62
4-Chlorophenyl-phenylether
Concen: 32.964 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

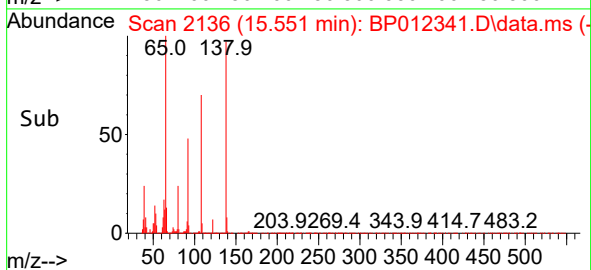
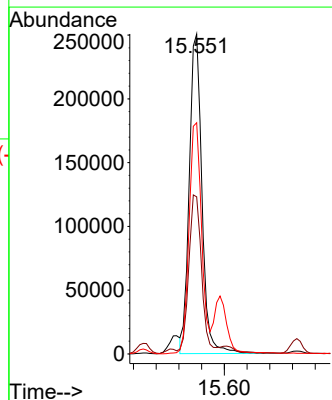
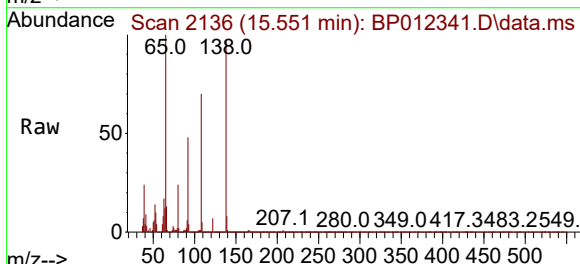
Instrument :
BNA_P
ClientSampleId :

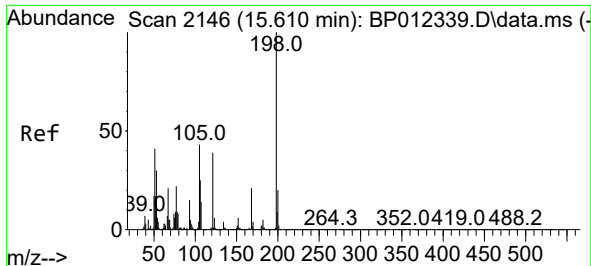
Tgt Ion:204 Resp: 756985
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 57.9 47.3 70.9



#63
4-Nitroaniline
Concen: 41.931 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:138 Resp: 388856
Ion Ratio Lower Upper
138 100
92 49.1 40.6 61.0
108 72.3 56.6 85.0

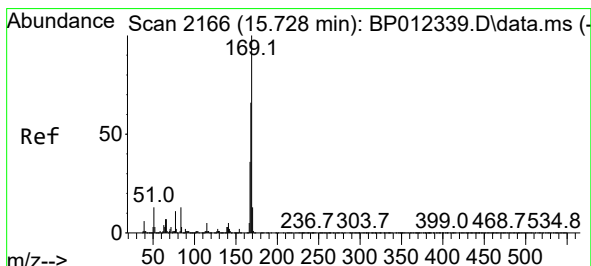
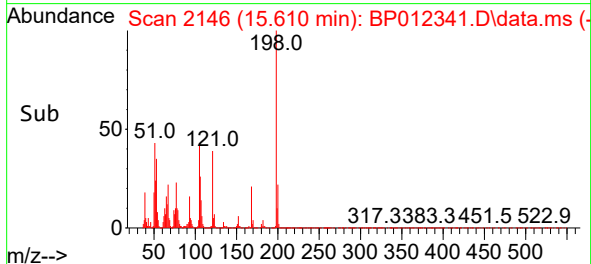
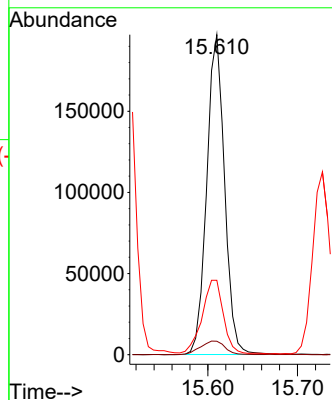
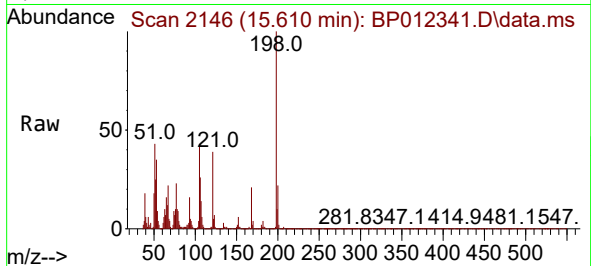




#66
4,6-Dinitro-2-methylphenol
Concen: 32.430 ng/ul
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

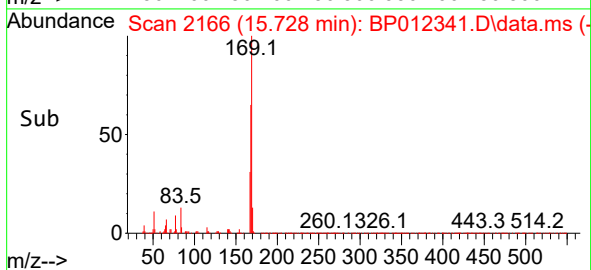
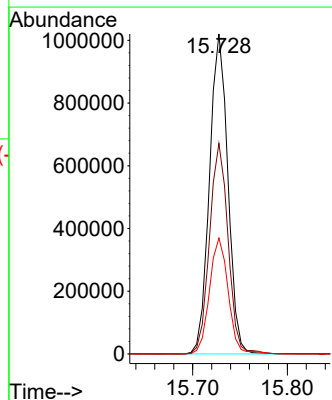
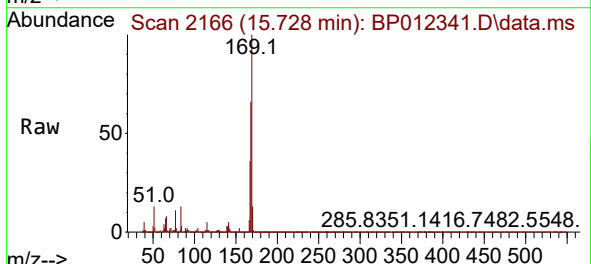
Instrument :
BNA_P
ClientSampleId :

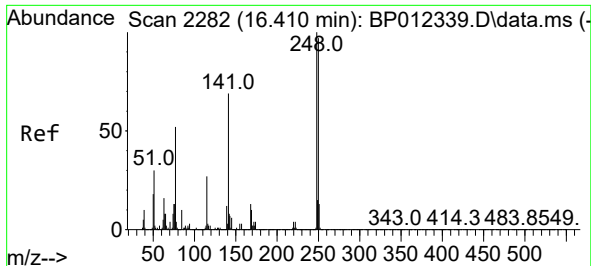
Tgt Ion:198 Resp: 272111
Ion Ratio Lower Upper
198 100
182 4.2 3.8 5.6
77 23.2 19.5 29.3



#67
N-Nitrosodiphenylamine
Concen: 32.237 ng/ul
RT: 15.728 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:169 Resp: 1373332
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 36.2 29.1 43.7

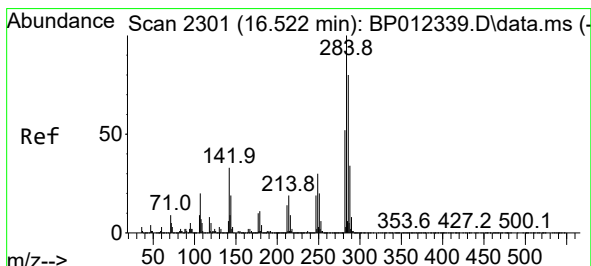
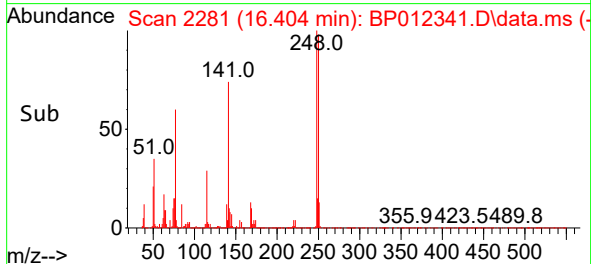
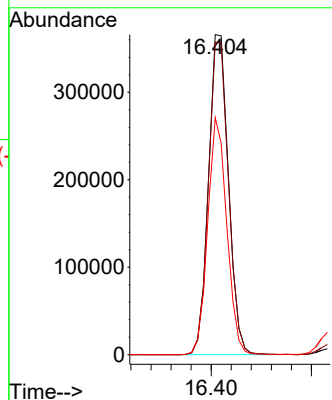
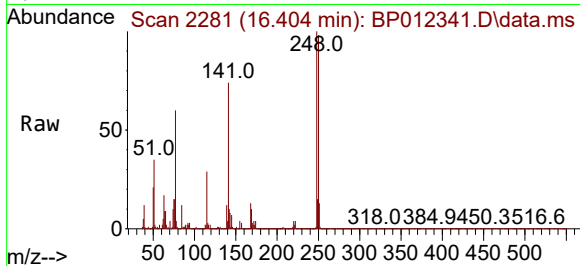




#68
4-Bromophenyl-phenylether
Concen: 33.221 ng/ul
RT: 16.404 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

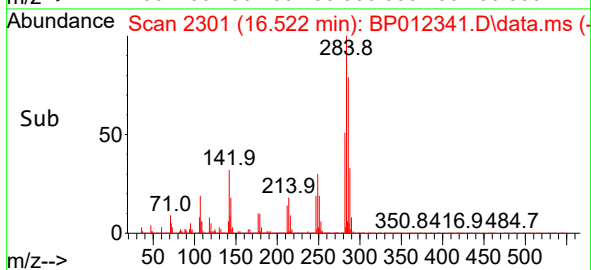
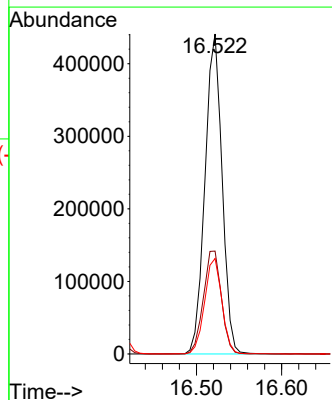
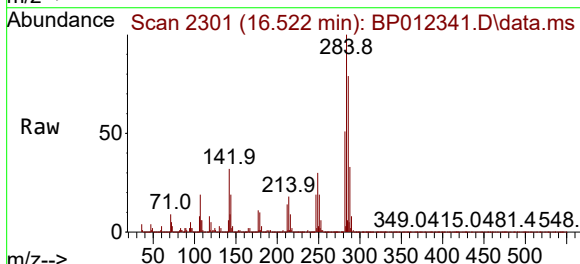
Instrument :
BNA_P
ClientSampleId :

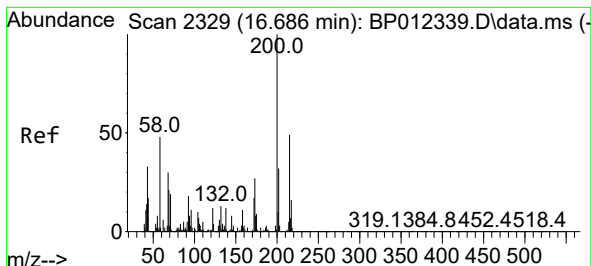
Tgt Ion:248 Resp: 504730
Ion Ratio Lower Upper
248 100
250 97.7 77.4 116.2
141 74.1 56.2 84.2



#69
Hexachlorobenzene
Concen: 33.768 ng/ul
RT: 16.522 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP012341.D
Acq: 27 Oct 2022 13:11

Tgt Ion:284 Resp: 615315
Ion Ratio Lower Upper
284 100
142 32.2 27.1 40.7
249 29.8 24.5 36.7





#70

Atrazine

Concen: 21.756 ng/ul

RT: 16.686 min Scan# 2329

Delta R.T. -0.006 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

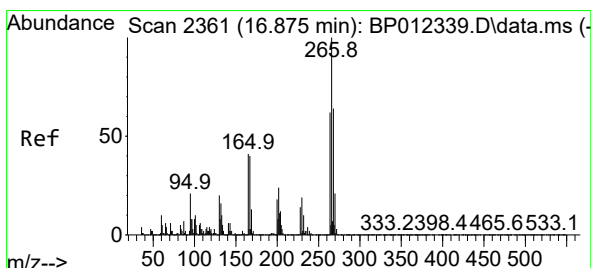
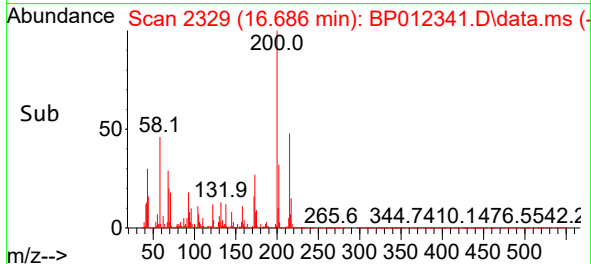
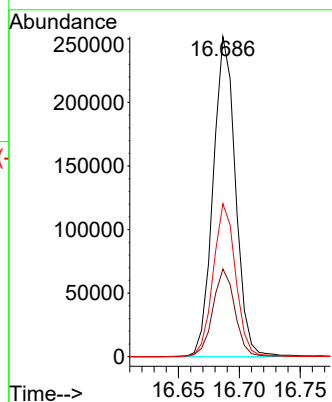
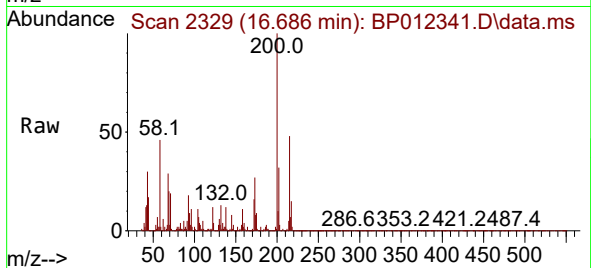
Tgt Ion:200 Resp: 321077

Ion Ratio Lower Upper

200 100

173 27.4 21.8 32.6

215 47.8 39.0 58.6



#71

Pentachlorophenol

Concen: 33.408 ng/ul

RT: 16.875 min Scan# 2361

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

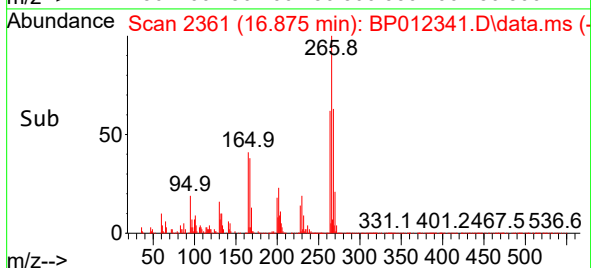
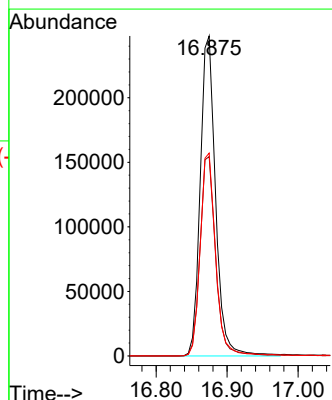
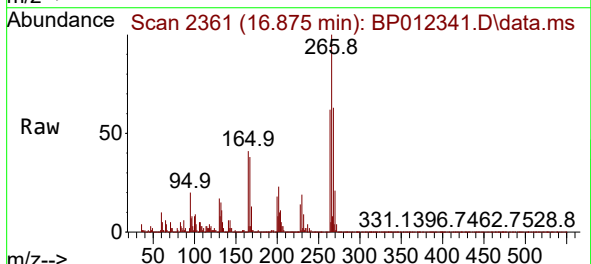
Tgt Ion:266 Resp: 373872

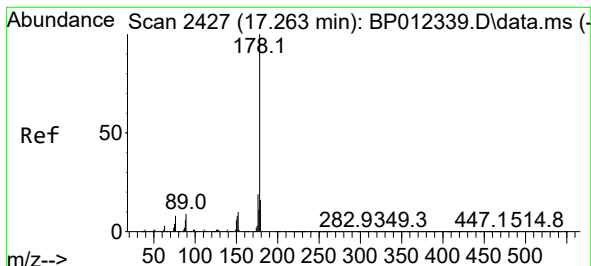
Ion Ratio Lower Upper

266 100

264 62.3 50.3 75.5

268 63.4 51.4 77.0





#72

Phenanthrene

Concen: 33.001 ng/ul

RT: 17.263 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

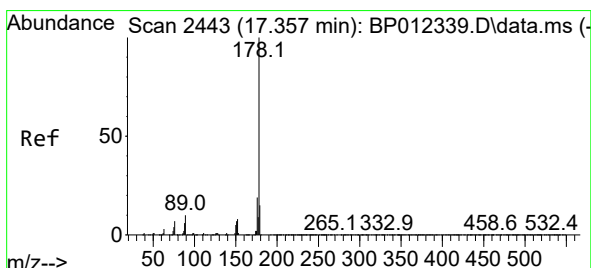
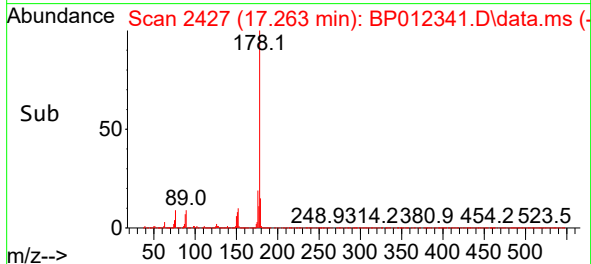
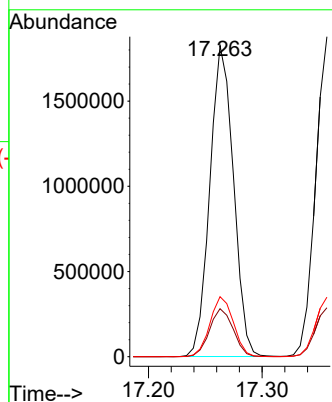
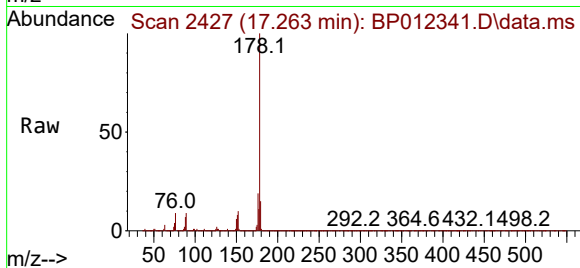
Tgt Ion:178 Resp: 2637078

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.3 15.8 23.6



#74

Anthracene

Concen: 33.673 ng/ul

RT: 17.357 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

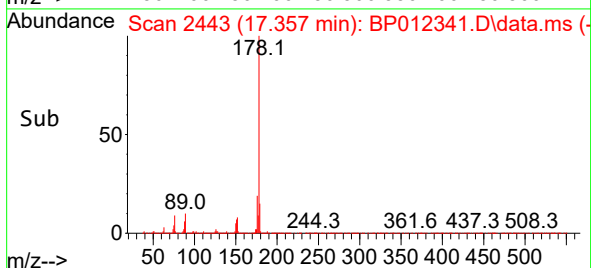
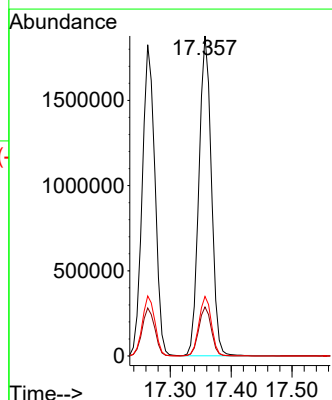
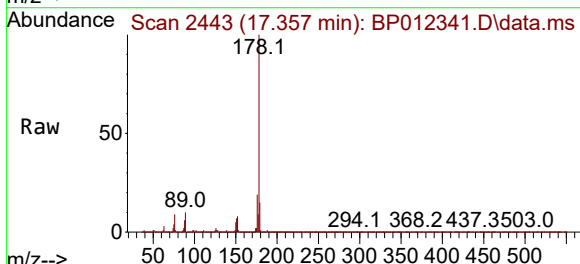
Tgt Ion:178 Resp: 2673105

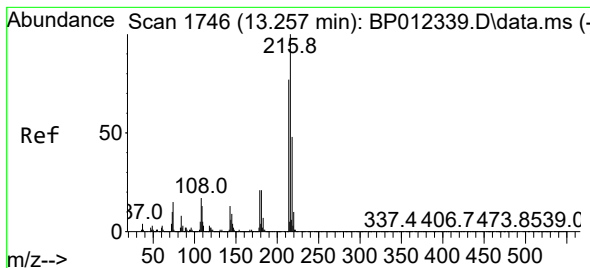
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.6 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 31.703 ng/uL

RT: 13.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

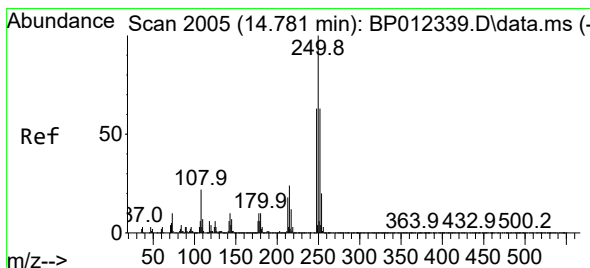
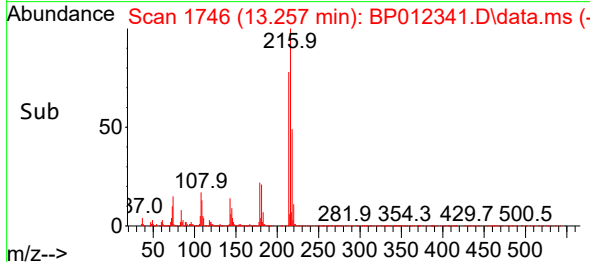
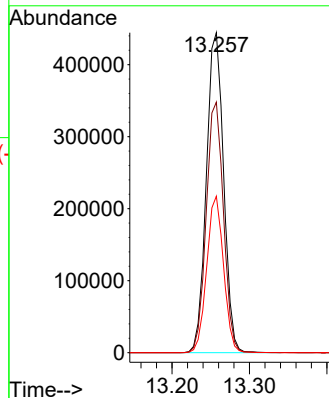
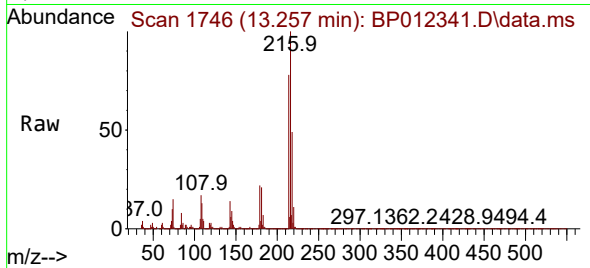
Tgt Ion:216 Resp: 685976

Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

218 48.9 38.6 58.0



#76

Pentachlorobenzene

Concen: 29.498 ng/uL

RT: 14.781 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

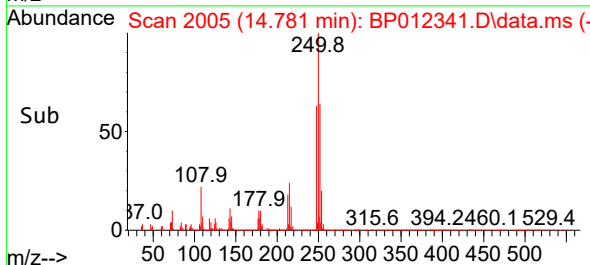
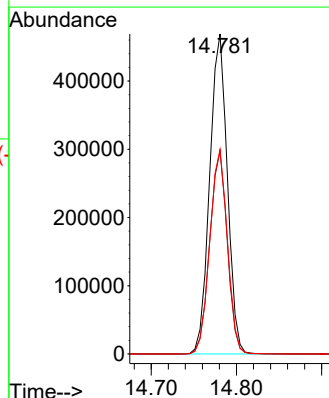
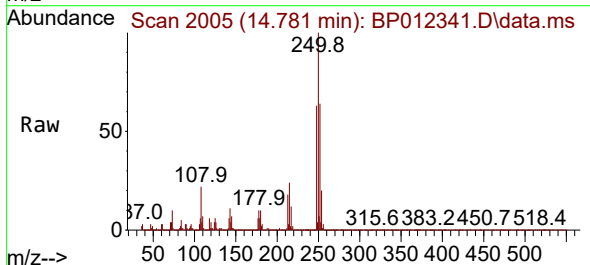
Tgt Ion:250 Resp: 673980

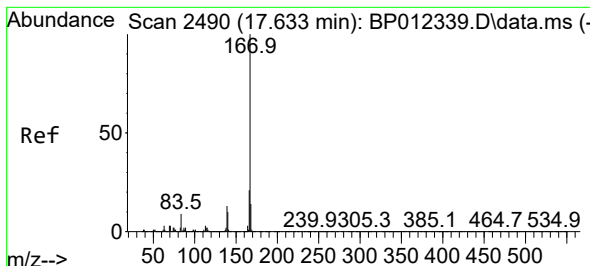
Ion Ratio Lower Upper

250 100

248 63.5 50.6 75.8

252 63.9 50.7 76.1





#77

Carbazole

Concen: 35.468 ng/ul

RT: 17.633 min Scan# 2490

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

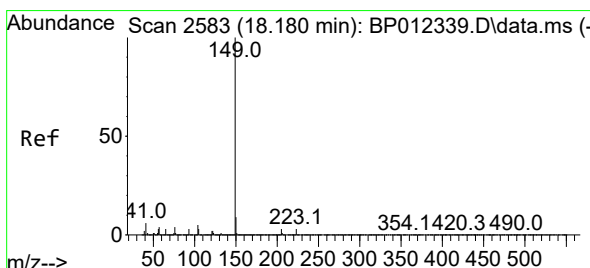
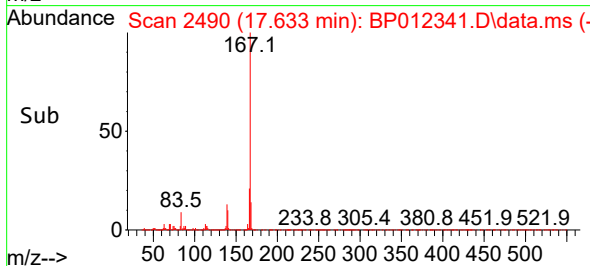
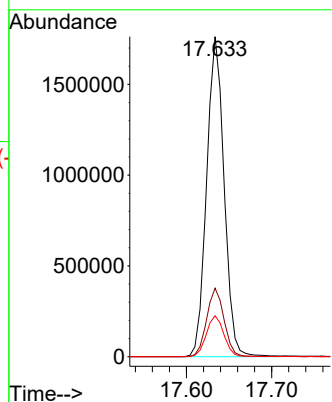
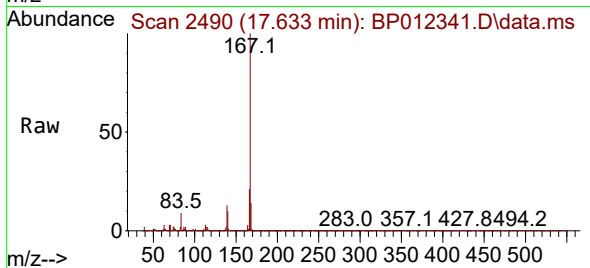
Tgt Ion:167 Resp: 2507722

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.8 10.4 15.6



#78

Di-n-butylphthalate

Concen: 37.003 ng/ul

RT: 18.180 min Scan# 2583

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

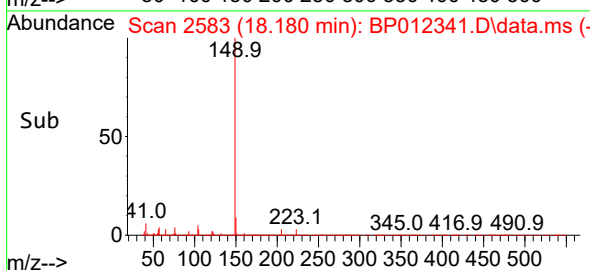
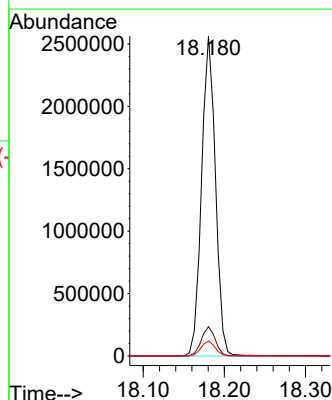
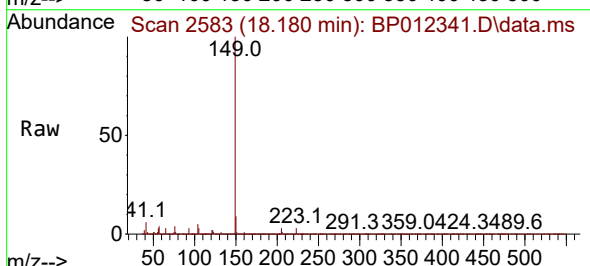
Tgt Ion:149 Resp: 3039430

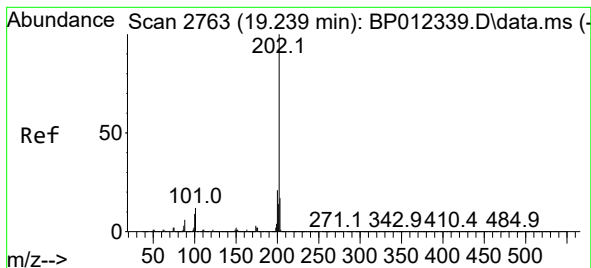
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.7 4.0 6.0





#80

Fluoranthene

Concen: 32.079 ng/ul

RT: 19.239 min Scan# 2763

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

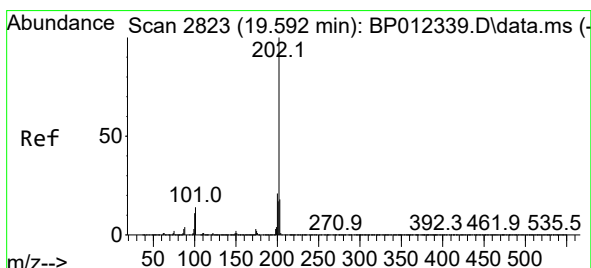
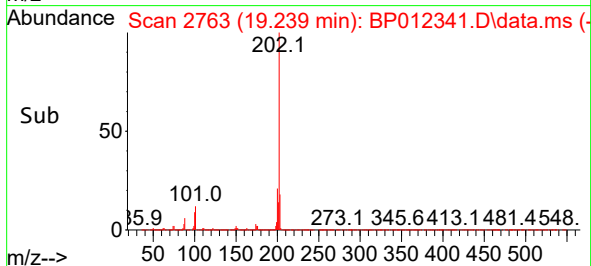
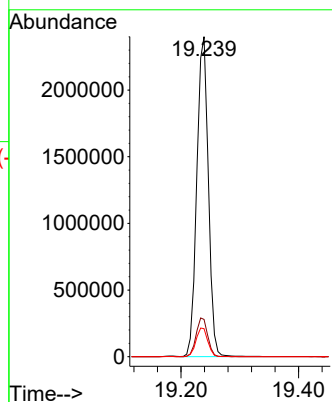
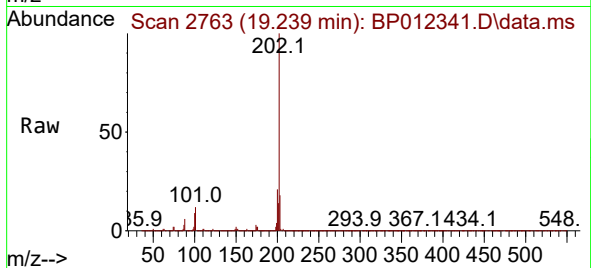
Tgt Ion:202 Resp: 3262586

Ion Ratio Lower Upper

202 100

101 11.7 9.9 14.9

100 8.7 7.4 11.2



#82

Pyrene

Concen: 31.847 ng/ul

RT: 19.592 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

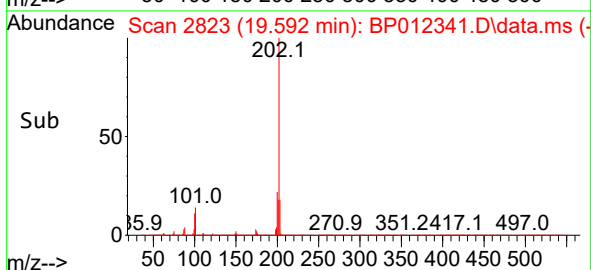
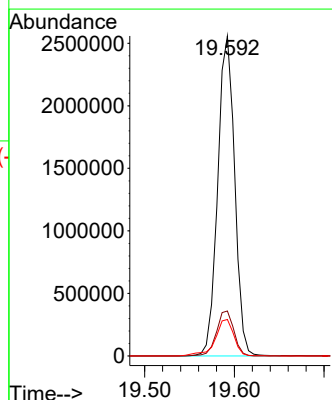
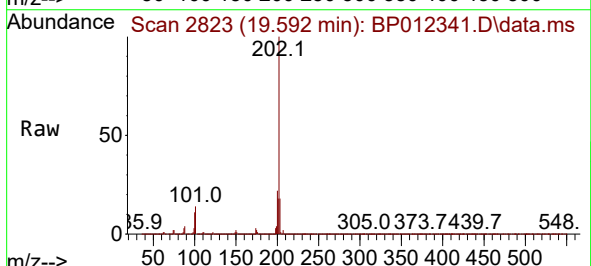
Tgt Ion:202 Resp: 3354910

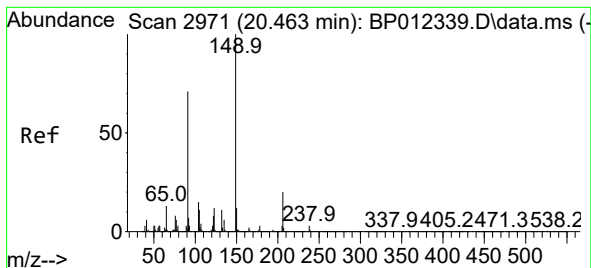
Ion Ratio Lower Upper

202 100

101 14.1 11.8 17.6

100 11.4 9.3 13.9





#83

Butylbenzylphthalate

Concen: 37.760 ng/ul

RT: 20.463 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

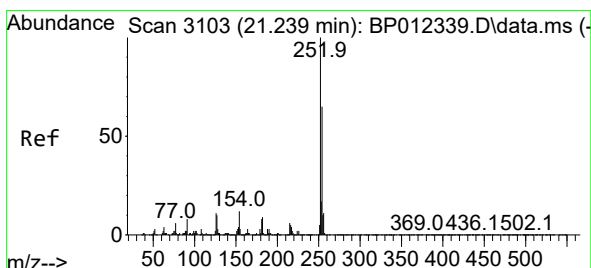
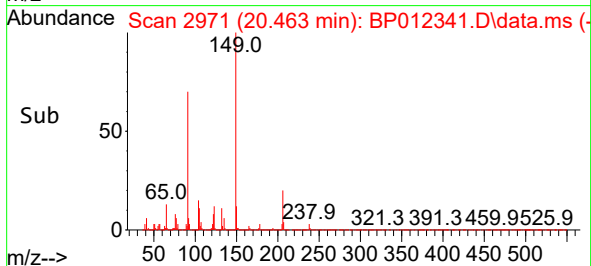
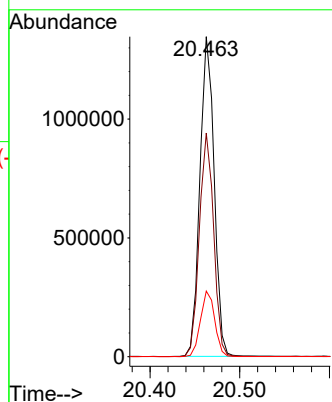
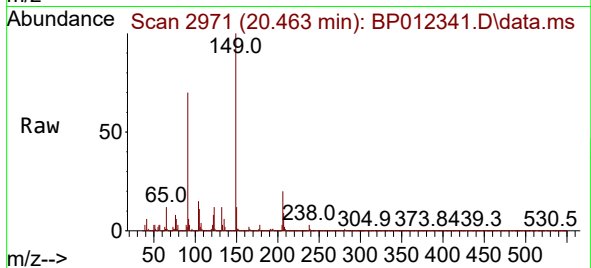
Tgt Ion:149 Resp: 1483008

Ion Ratio Lower Upper

149 100

91 69.9 56.9 85.3

206 20.5 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 35.519 ng/ul

RT: 21.239 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

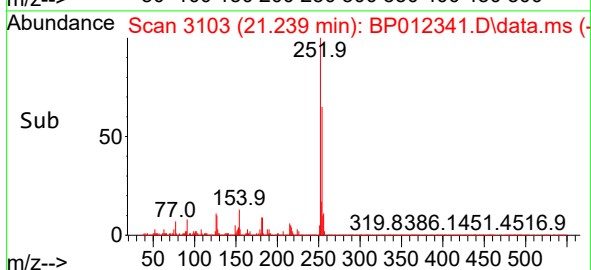
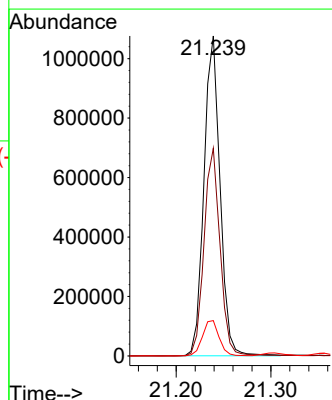
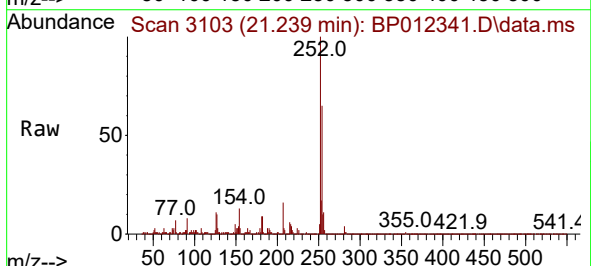
Tgt Ion:252 Resp: 1265919

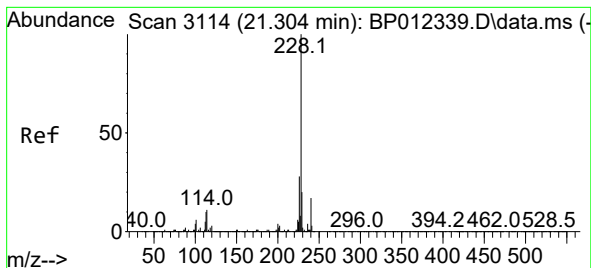
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

126 11.0 9.0 13.4





#85

Benzo(a)anthracene

Concen: 32.971 ng/ul

RT: 21.304 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

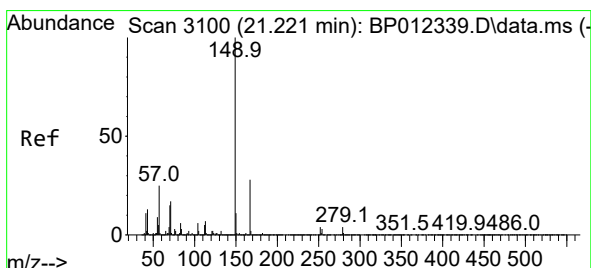
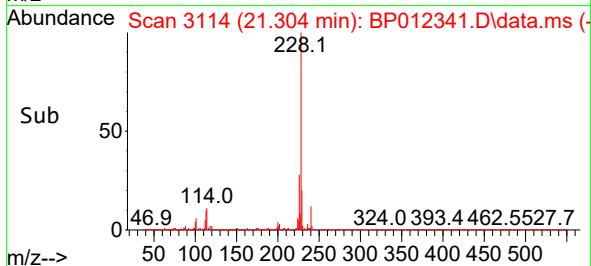
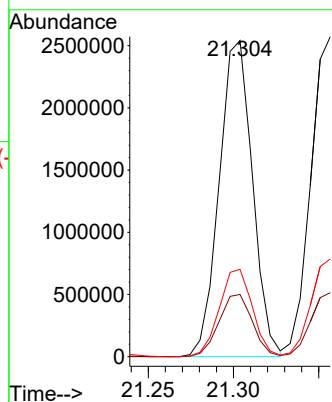
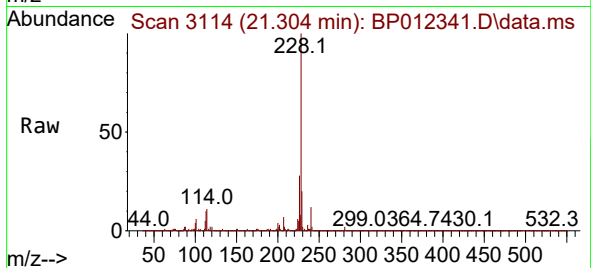
Tgt Ion:228 Resp: 3451192

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.2

226 27.6 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.551 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

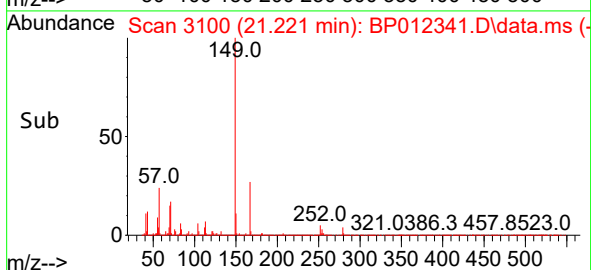
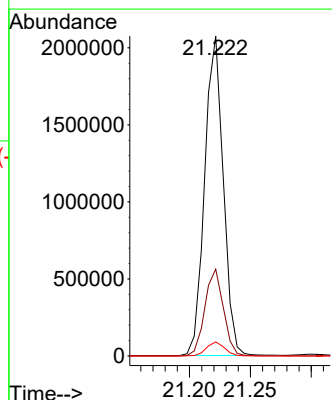
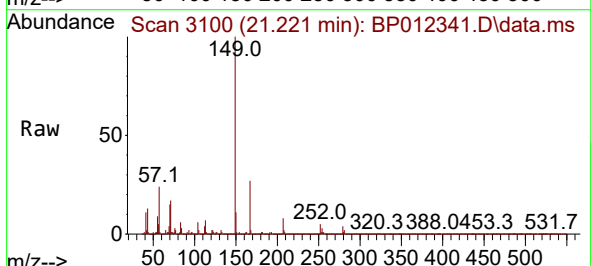
Tgt Ion:149 Resp: 2195070

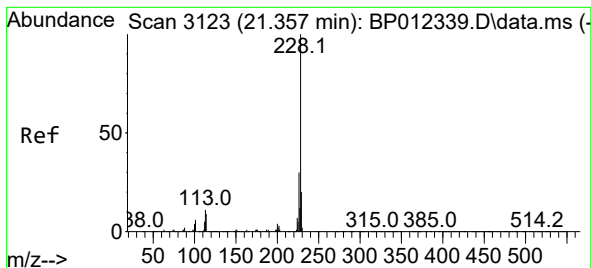
Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

279 4.4 3.7 5.5





#87

Chrysene

Concen: 33.661 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

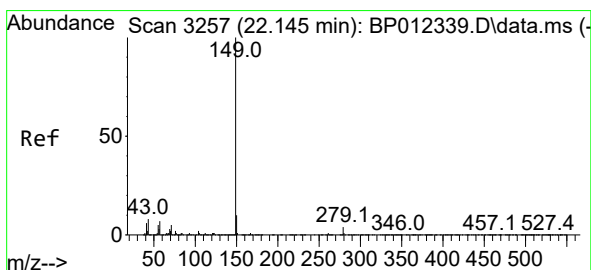
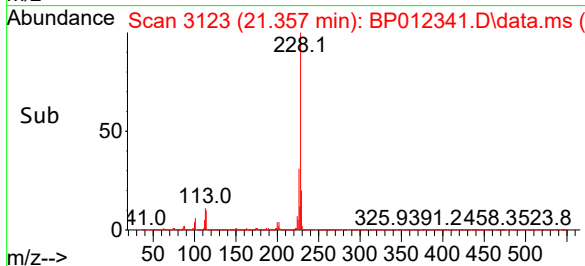
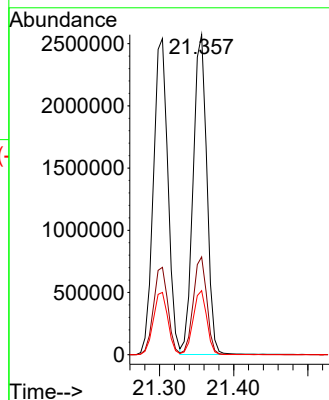
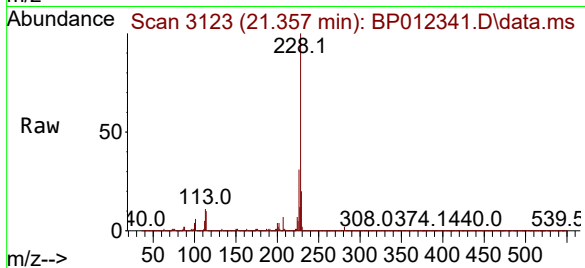
Tgt Ion:228 Resp: 3293877

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 39.341 ng/ul

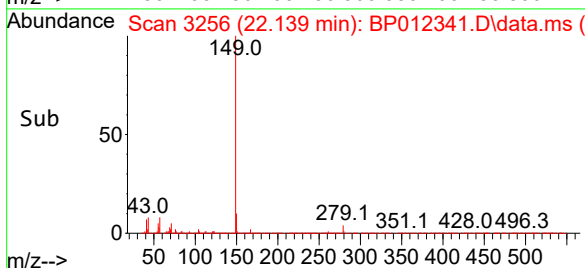
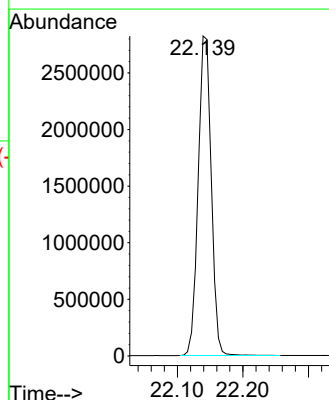
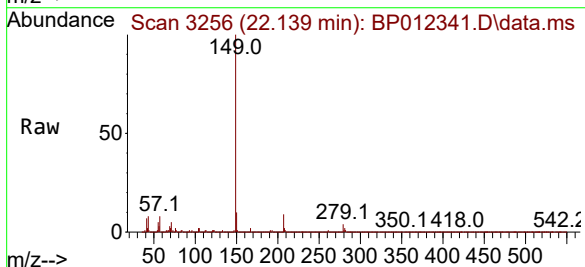
RT: 22.139 min Scan# 3256

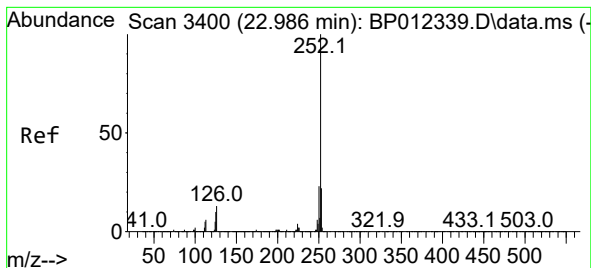
Delta R.T. 0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Tgt Ion:149 Resp: 3925585





#90

Benzo(b)fluoranthene

Concen: 35.164 ng/ul

RT: 22.986 min Scan# 3400

Delta R.T. 0.006 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

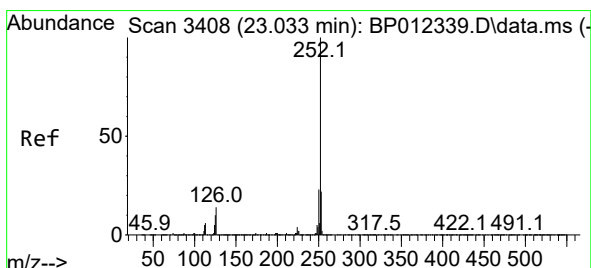
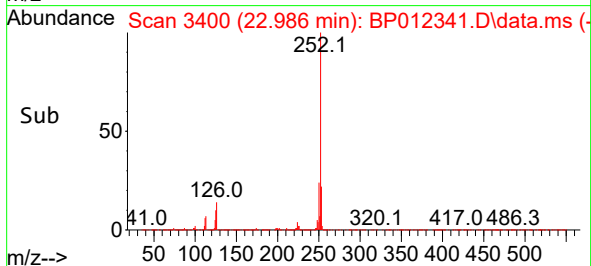
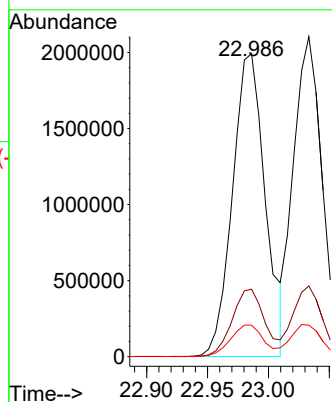
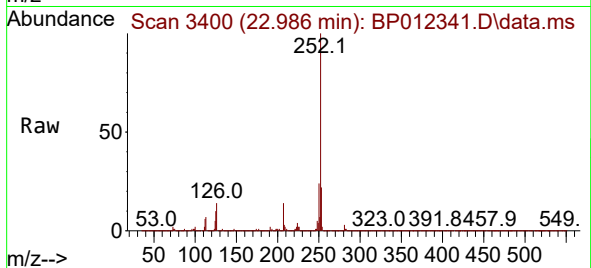
Tgt Ion:252 Resp: 3724957

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.4 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 34.243 ng/ul

RT: 23.033 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

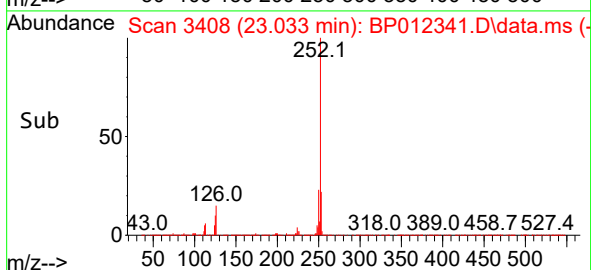
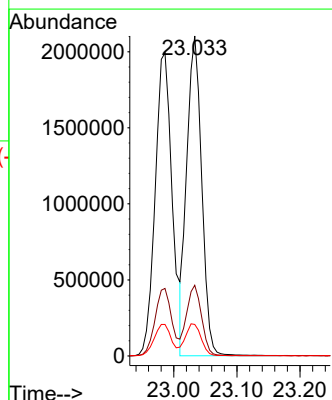
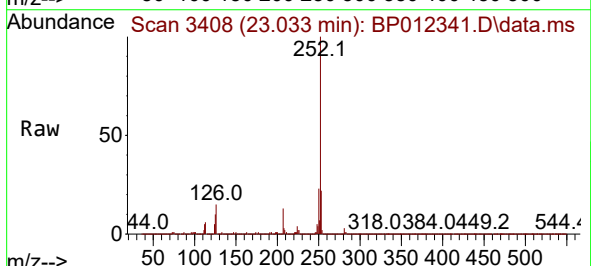
Tgt Ion:252 Resp: 3457047

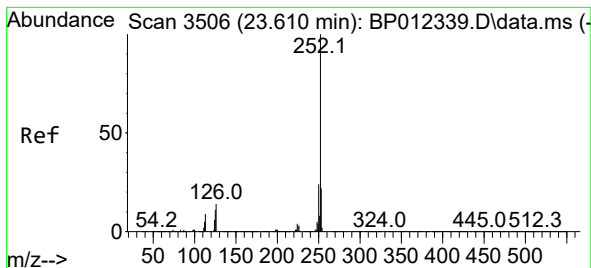
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.9 8.7 13.1





#93

Benzo(a)pyrene

Concen: 33.706 ng/ul

RT: 23.610 min Scan# 3506

Delta R.T. -0.000 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

Instrument :

BNA_P

ClientSampleId :

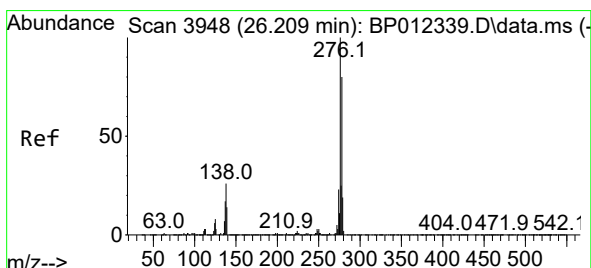
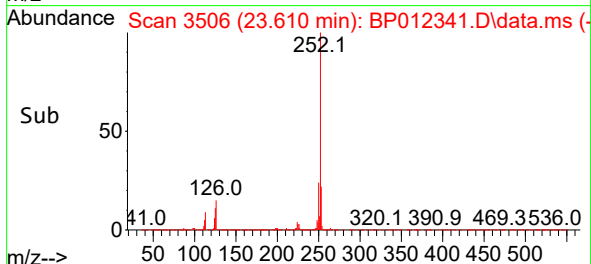
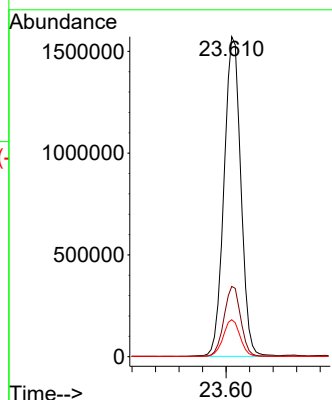
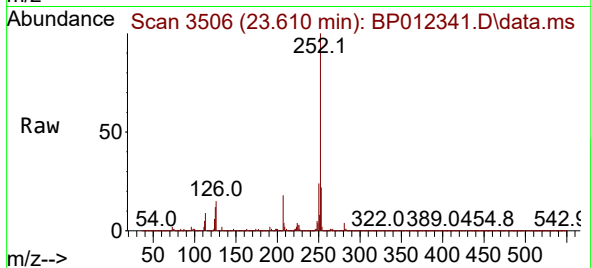
Tgt Ion:252 Resp: 3118042

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 11.5 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.467 ng/ul

RT: 26.209 min Scan# 3948

Delta R.T. 0.006 min

Lab File: BP012341.D

Acq: 27 Oct 2022 13:11

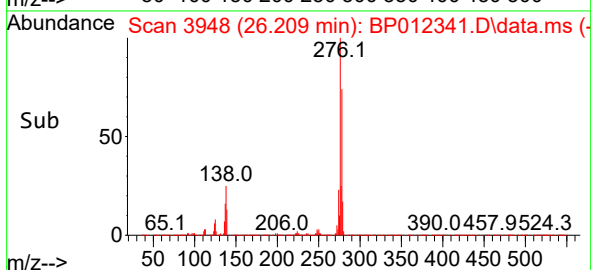
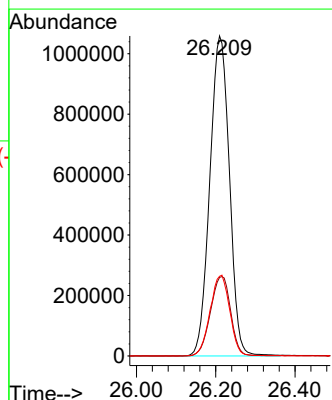
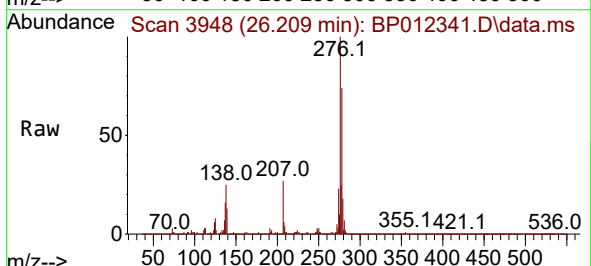
Tgt Ion:276 Resp: 3627251

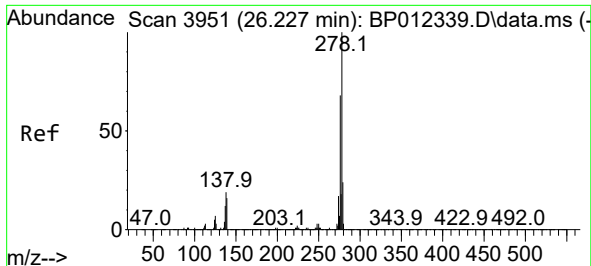
Ion Ratio Lower Upper

276 100

138 24.6 20.7 31.1

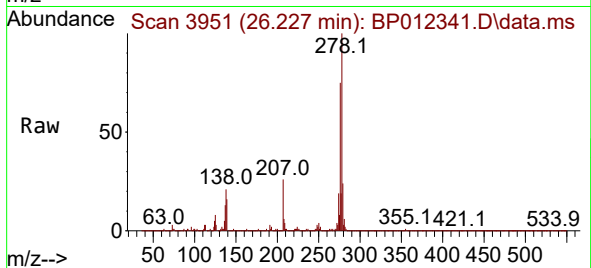
277 24.9 20.2 30.4





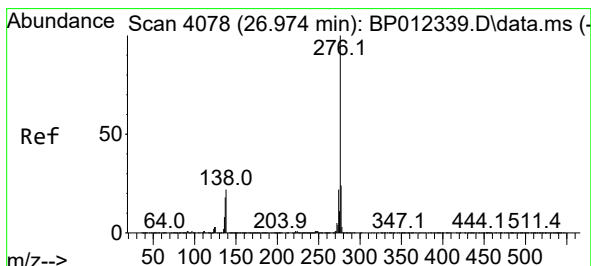
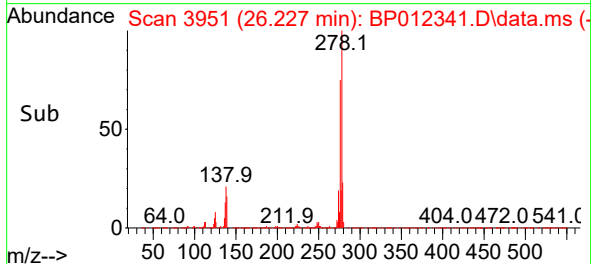
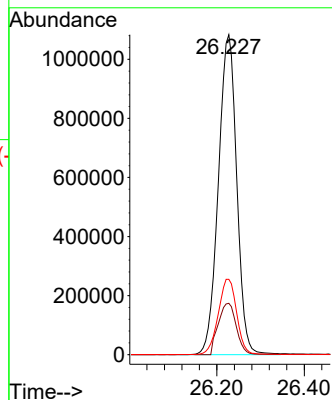
#95
 Dibenzo(a,h)anthracene
 Concen: 30.507 ng/ul
 RT: 26.227 min Scan# 3951
 Delta R.T. 0.006 min
 Lab File: BP012341.D
 Acq: 27 Oct 2022 13:11

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 3148748

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.2	19.8
279	23.5	19.4	29.0



#96
 Benzo(g,h,i)perylene
 Concen: 29.346 ng/ul
 RT: 26.980 min Scan# 4079
 Delta R.T. 0.006 min
 Lab File: BP012341.D
 Acq: 27 Oct 2022 13:11

Tgt Ion:276 Resp: 2990329

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.8	26.8
277	24.0	19.5	29.3

