

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
 Data File : BP019830.D
 Acq On : 22 Feb 2024 18:22
 Operator : MA/JU
 Sample : P1549-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 336MS

Quant Time: Feb 23 00:57:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	108684	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	384950	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	233659	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	432460	20.000	ng	0.00
76) Chrysene-d12	21.386	240	464391	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	538557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	574378	85.188	ng	0.00
7) Phenol-d6	7.075	99	983459	108.175	ng	0.00
23) Nitrobenzene-d5	9.069	82	771532	86.847	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	432639	126.815	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1430509	75.684	ng	0.00
79) Terphenyl-d14	19.857	244	2439745	86.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	75175	28.939	ng	# 73
3) Pyridine	3.781	79	187224	26.584	ng	99
4) n-Nitrosodimethylamine	3.699	42	97567	31.819	ng	100
6) Aniline	7.228	93	189718	21.476	ng	99
8) 2-Chlorophenol	7.458	128	308471	44.562	ng	99
9) Benzaldehyde	7.046	77	48092	7.545	ng	97
10) Phenol	7.099	94	363471	40.113	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	325906	46.231	ng	99
12) 1,3-Dichlorobenzene	7.781	146	289019	34.121	ng	98
13) 1,4-Dichlorobenzene	7.928	146	297800	34.702	ng	99
14) 1,2-Dichlorobenzene	8.240	146	289729	34.894	ng	99
15) Benzyl Alcohol	8.146	79	326654	44.968	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	346285	49.122	ng	97
17) 2-Methylphenol	8.352	107	255613	41.901	ng	97
18) Hexachloroethane	8.963	117	98035	29.473	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	262692	42.303	ng	98
20) 3+4-Methylphenols	8.681	107	336804	40.455	ng	97
22) Acetophenone	8.728	105	502165	45.790	ng	# 98
24) Nitrobenzene	9.110	77	392934	43.929	ng	98
25) Isophorone	9.634	82	699753	45.228	ng	99
26) 2-Nitrophenol	9.816	139	145899	42.779	ng	99
27) 2,4-Dimethylphenol	9.881	122	213830	49.032	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	405372	46.308	ng	100
29) 2,4-Dichlorophenol	10.351	162	292465	44.364	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	291262	36.033	ng	98
31) Naphthalene	10.746	128	842923	39.925	ng	99
32) Benzoic acid	9.981	122	35858	8.439	ng	94
33) 4-Chloroaniline	10.869	127	52561	6.732	ng	95
34) Hexachlorobutadiene	11.010	225	194811	32.523	ng	99
35) Caprolactam	11.681	113	78511	42.068	ng	89
36) 4-Chloro-3-methylphenol	11.998	107	316605	44.045	ng	100
37) 2-Methylnaphthalene	12.357	142	572047	39.152	ng	98
38) 1-Methylnaphthalene	12.575	142	550544	38.343	ng	100
40) 1,2,4,5-Tetrachloroben...	12.722	216	368118	40.850	ng	99
41) Hexachlorocyclopentadiene	12.687	237	122161	30.009	ng	97
43) 2,4,6-Trichlorophenol	12.969	196	251591	46.108	ng	99

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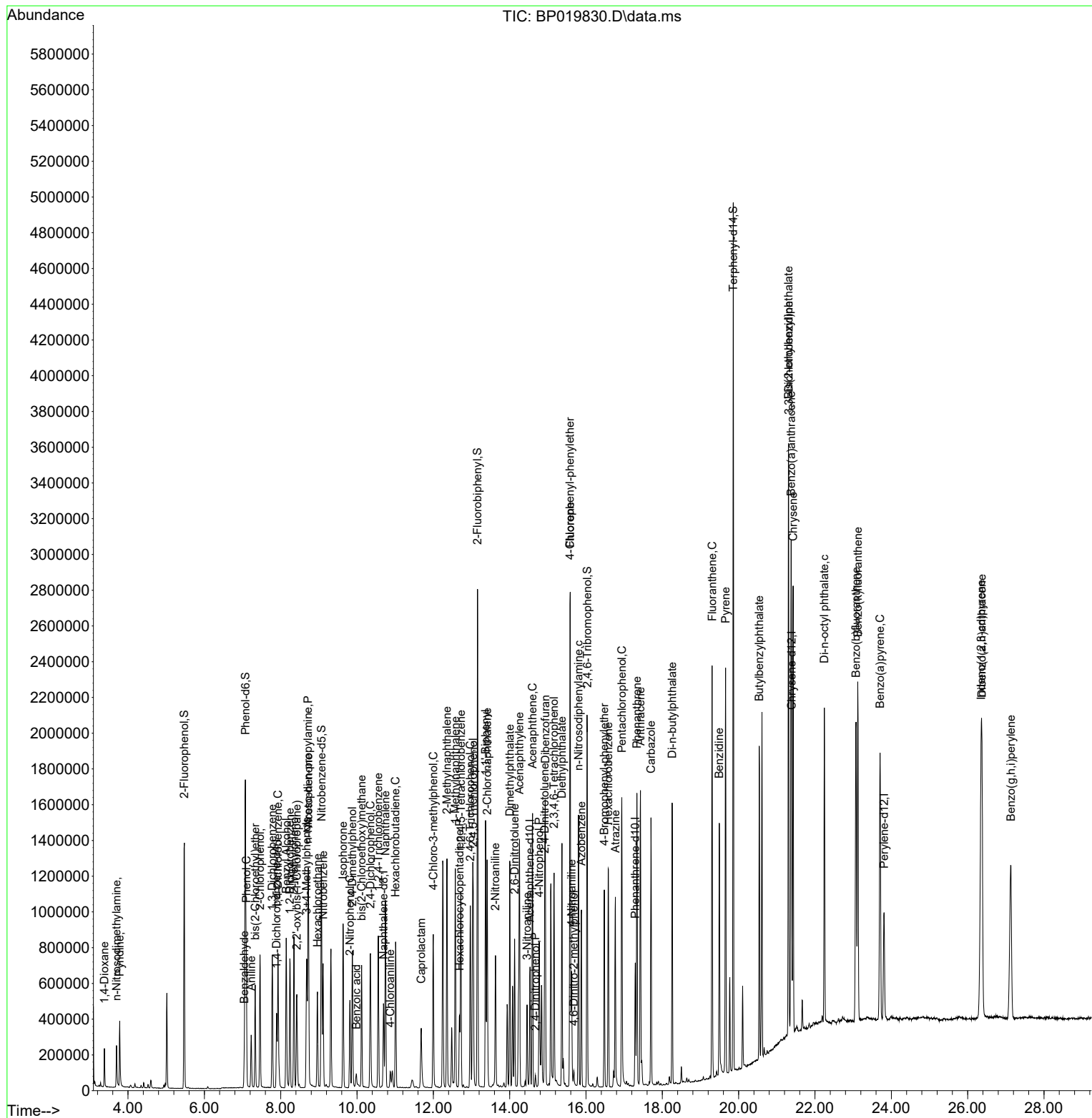
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	273520	45.649	ng	99
46) 1,1'-Biphenyl	13.369	154	765073	41.025	ng	99
47) 2-Chloronaphthalene	13.410	162	612682	40.022	ng	99
48) 2-Nitroaniline	13.628	65	215110	50.252	ng	100
49) Acenaphthylene	14.257	152	989020	46.049	ng	99
50) Dimethylphthalate	14.004	163	794118	44.396	ng	99
51) 2,6-Dinitrotoluene	14.128	165	167601	42.647	ng	97
52) Acenaphthene	14.598	154	548305	41.133	ng	99
53) 3-Nitroaniline	14.457	138	112612	31.180	ng	89
54) 2,4-Dinitrophenol	14.675	184	16668	8.169	ng	98
55) Dibenzofuran	14.934	168	871445	40.139	ng	100
56) 4-Nitrophenol	14.775	139	250078	84.479	ng	98
57) 2,4-Dinitrotoluene	14.916	165	214191	41.591	ng	95
58) Fluorene	15.586	166	701964	40.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	264300	52.442	ng	96
60) Diethylphthalate	15.369	149	733755	41.241	ng	99
61) 4-Chlorophenyl-phenylether	15.581	204	387939	39.915	ng	95
62) 4-Nitroaniline	15.622	138	159826	42.219	ng	99
63) Azobenzene	15.881	77	565922	32.893	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	18118	7.347	ng	92
66) n-Nitrosodiphenylamine	15.804	169	596824	46.081	ng	100
67) 4-Bromophenyl-phenylether	16.481	248	231443	42.810	ng	95
68) Hexachlorobenzene	16.586	284	281011	44.511	ng	93
69) Atrazine	16.769	200	221814	51.611	ng	96
70) Pentachlorophenol	16.939	266	349614	88.925	ng	97
71) Phenanthrene	17.333	178	1029243	45.224	ng	100
72) Anthracene	17.428	178	1071312	47.187	ng	100
73) Carbazole	17.704	167	964173	46.748	ng	99
74) Di-n-butylphthalate	18.257	149	1091073	43.752	ng	99
75) Fluoranthene	19.304	202	1392227	50.076	ng	99
77) Benzidine	19.492	184	866362	89.234	ng	100
78) Pyrene	19.657	202	1438246	43.883	ng	99
80) Butylbenzylphthalate	20.539	149	523334	42.758	ng	98
81) Benzo(a)anthracene	21.374	228	1475443	45.135	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	512428	43.017	ng	99
83) Chrysene	21.427	228	1382887	44.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	711272	38.163	ng	98
85) Di-n-octyl phthalate	22.245	149	1278137	38.977	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1771826	42.980	ng	97
88) Benzo(b)fluoranthene	23.074	252	1488894	43.865	ng	98
89) Benzo(k)fluoranthene	23.121	252	1420215	43.802	ng	99
90) Benzo(a)pyrene	23.704	252	1344540	44.519	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1473045	43.446	ng	98
92) Benzo(g,h,i)perylene	27.133	276	1377154	40.037	ng	98

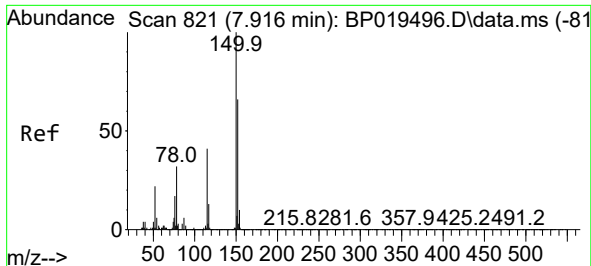
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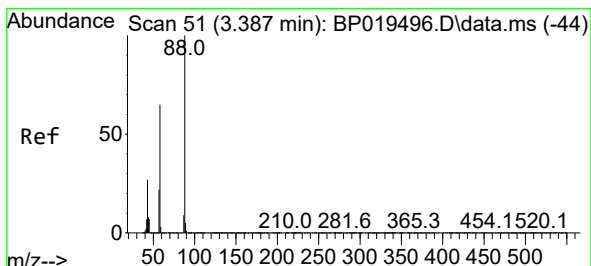
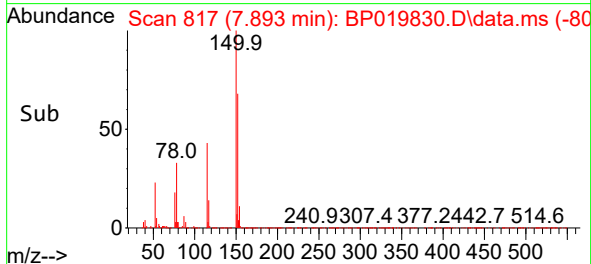
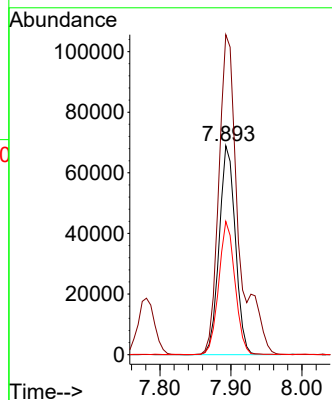
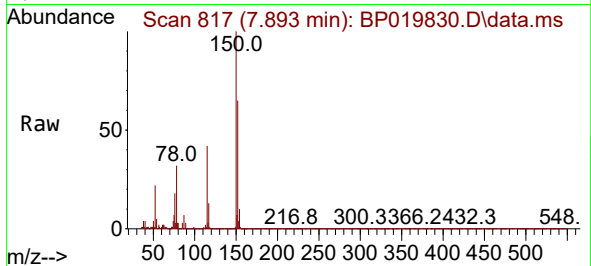




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019830.D
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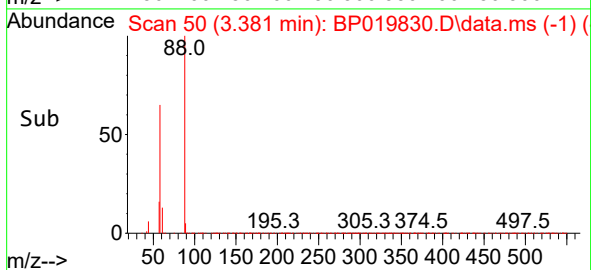
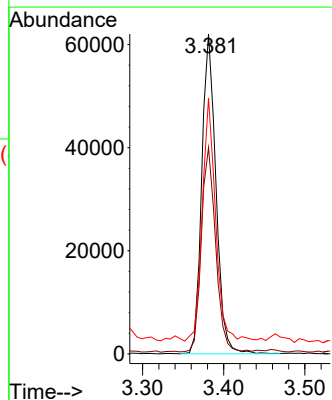
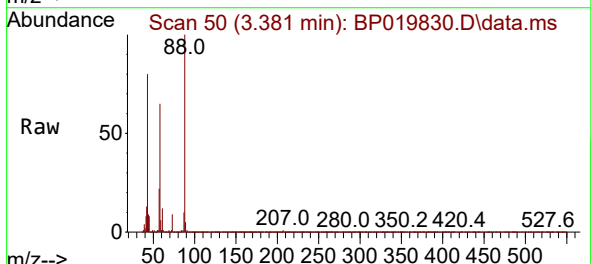
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BNA_P
ClientSampleId :
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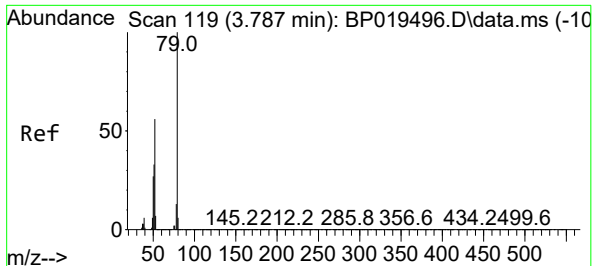
Tgt Ion:152 Resp: 108684
Ion Ratio Lower Upper
152 100
150 153.1 121.8 182.8
115 63.7 49.9 74.9



#2
1,4-Dioxane
Concen: 28.939 ng
RT: 3.381 min Scan# 50
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 88 Resp: 75175
Ion Ratio Lower Upper
88 100
58 64.2 52.6 78.8
43 72.3 21.9 32.9

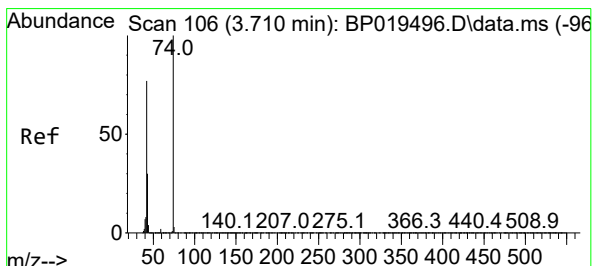
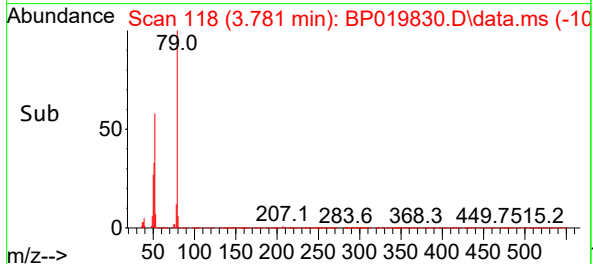
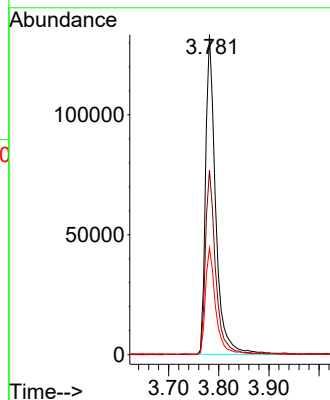
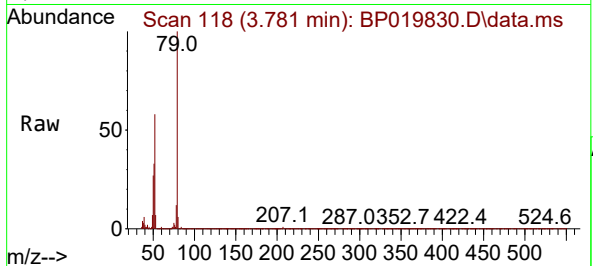




#3
Pyridine
Concen: 26.584 ng
RT: 3.781 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019830.D
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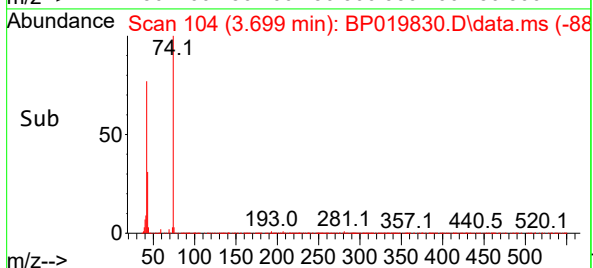
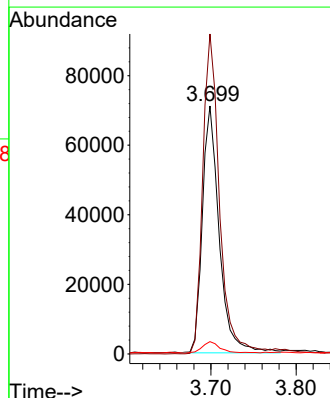
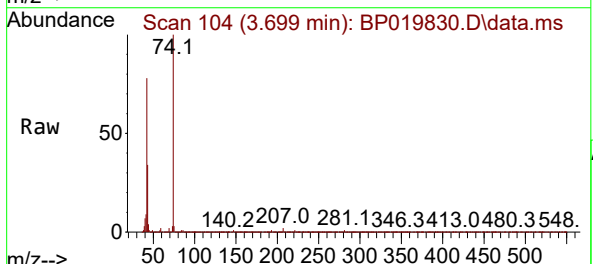
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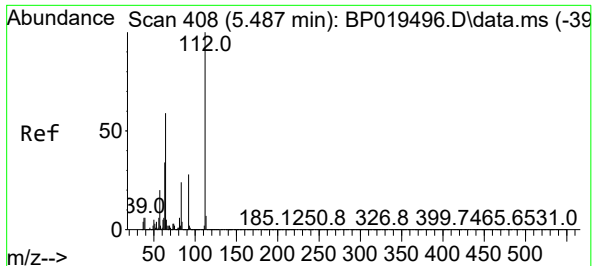
Tgt Ion: 79 Resp: 187224
Ion Ratio Lower Upper
79 100
52 57.7 45.0 67.6
51 33.3 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 31.819 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 42 Resp: 97567
Ion Ratio Lower Upper
42 100
74 129.0 103.4 155.2
44 4.9 4.8 7.2

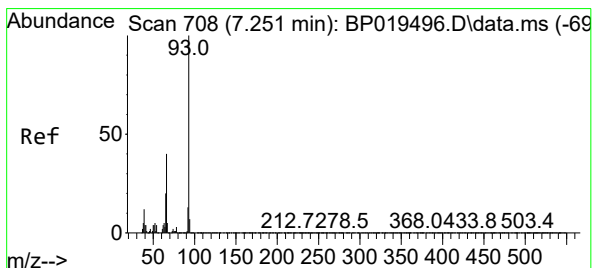
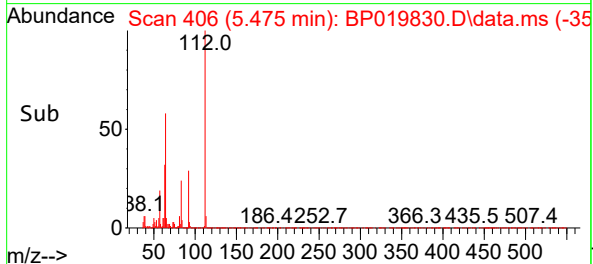
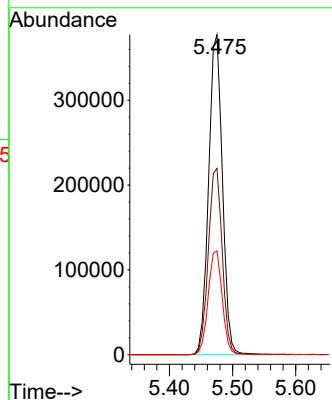
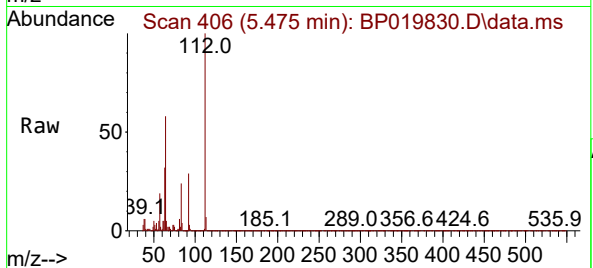




#5
2-Fluorophenol
Concen: 85.188 ng
RT: 5.475 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019830.D
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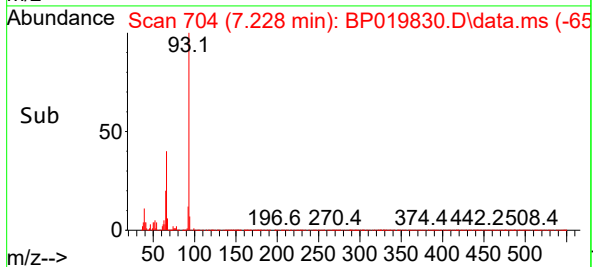
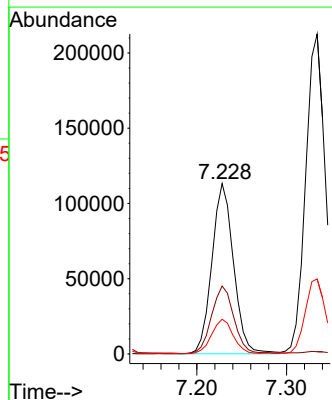
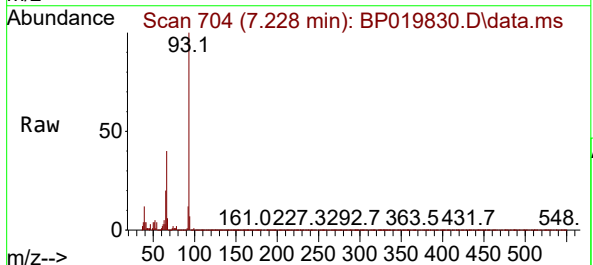
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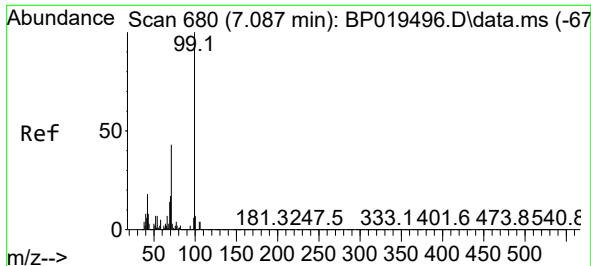
Tgt Ion:112 Resp: 574378
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.0
63 32.5 27.0 40.6



#6
Aniline
Concen: 21.476 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 93 Resp: 189718
Ion Ratio Lower Upper
93 100
66 39.9 32.3 48.5
65 20.3 16.4 24.6

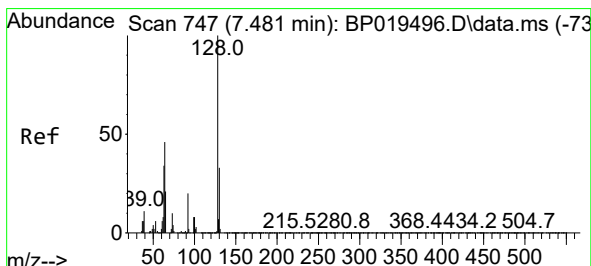
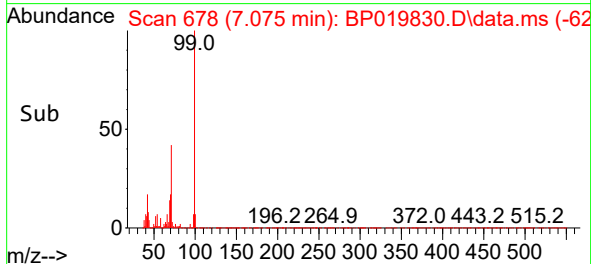
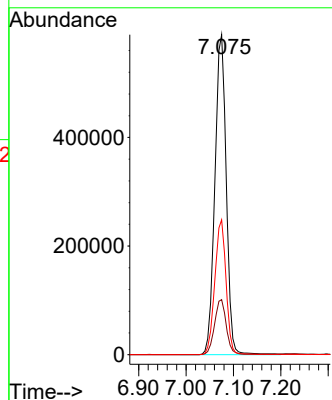
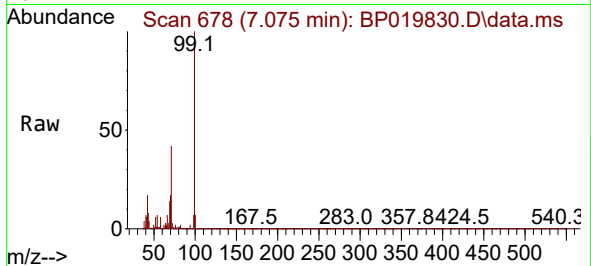




#7
Phenol-d6
Concen: 108.175 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.006 min
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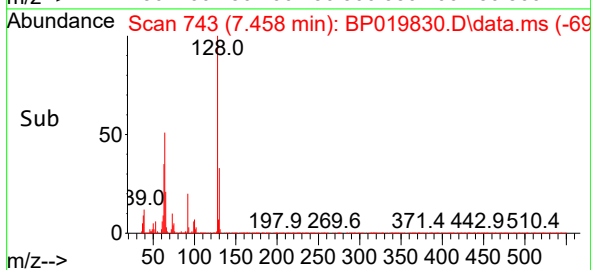
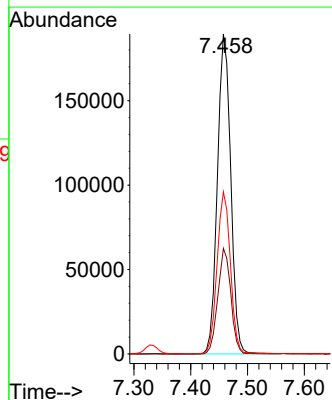
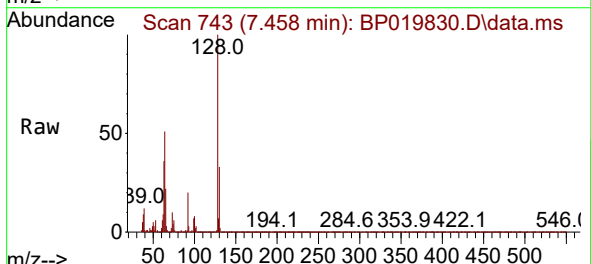
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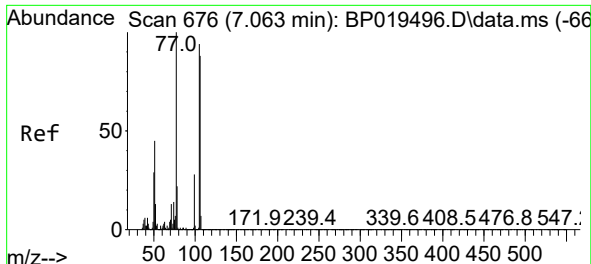
Tgt Ion: 99 Resp: 983459
Ion Ratio Lower Upper
99 100
42 17.2 14.7 22.1
71 42.2 34.8 52.2



#8
2-Chlorophenol
Concen: 44.562 ng
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019830.D
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Tgt Ion:128 Resp: 308471
Ion Ratio Lower Upper
128 100
130 33.0 13.3 53.3
64 50.6 29.7 69.7

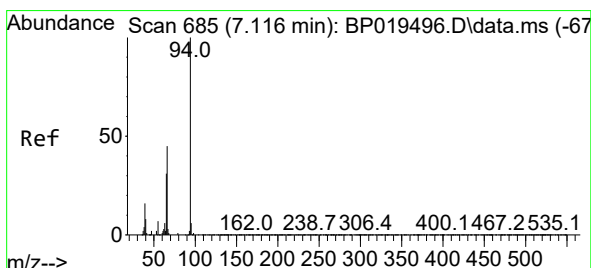
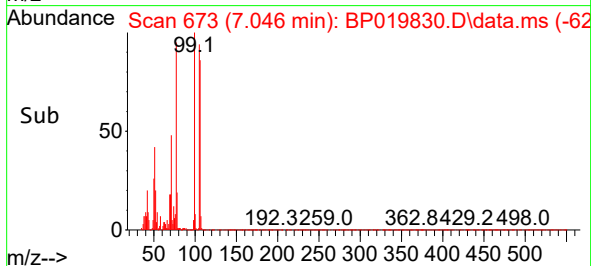
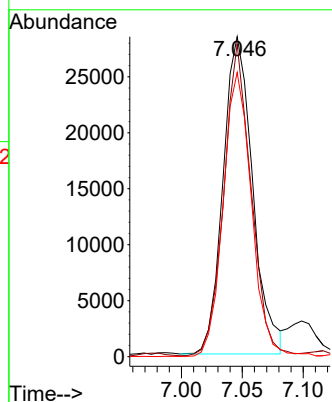
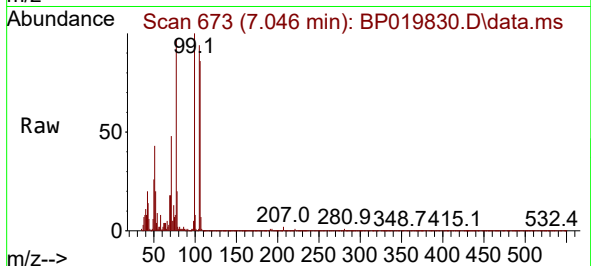




#9
Benzaldehyde
Concen: 7.545 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
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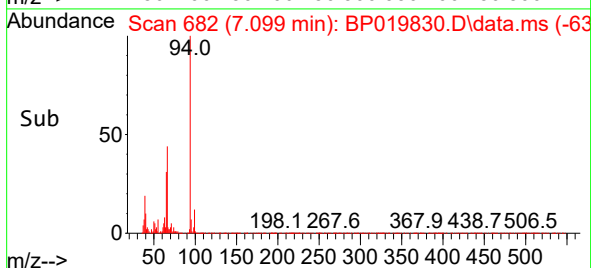
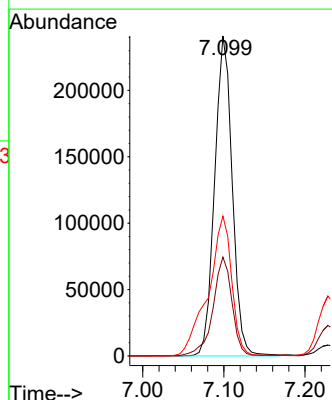
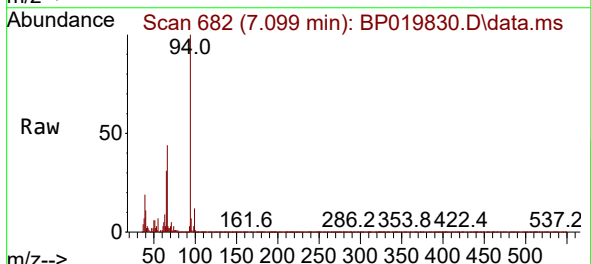
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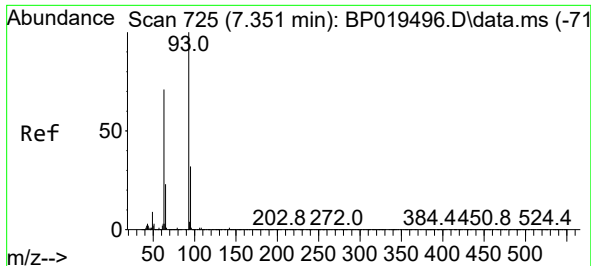
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Ion Ratio Lower Upper
77 100
105 97.7 74.0 114.0
106 88.8 67.8 107.8



#10
Phenol
Concen: 40.113 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 94 Resp: 363471
Ion Ratio Lower Upper
94 100
65 30.9 11.3 51.3
66 43.7 25.1 65.1

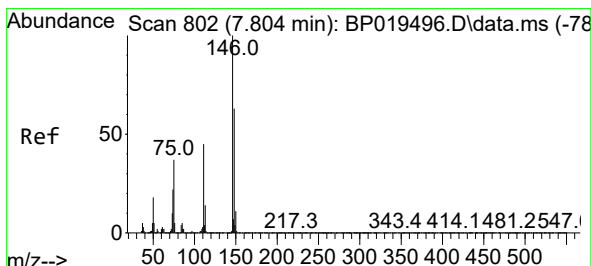
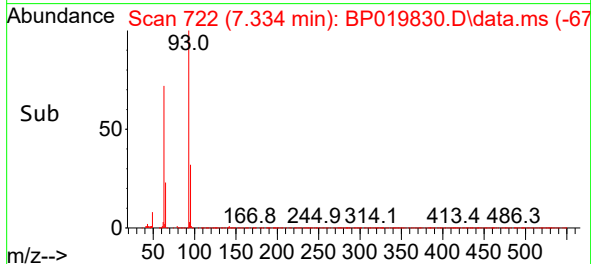
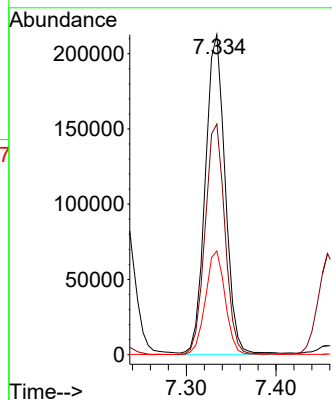
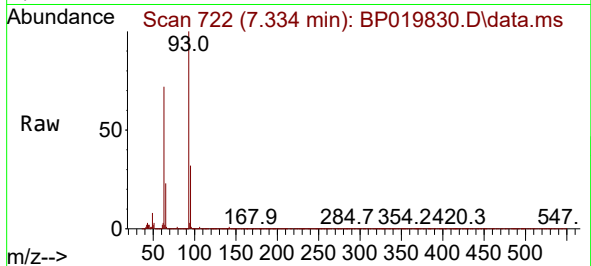




#11
bis(2-Chloroethyl)ether
Concen: 46.231 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

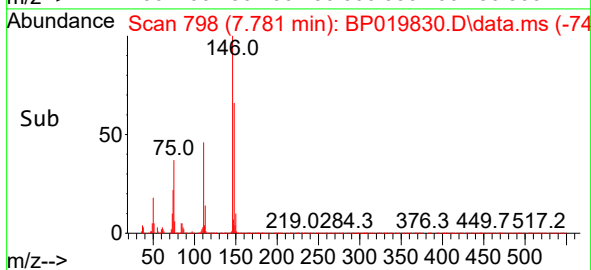
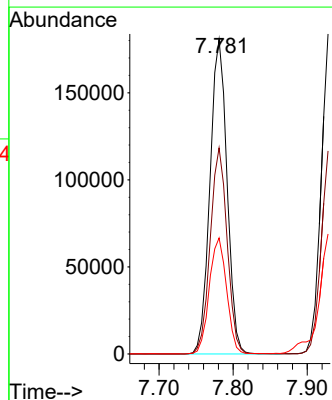
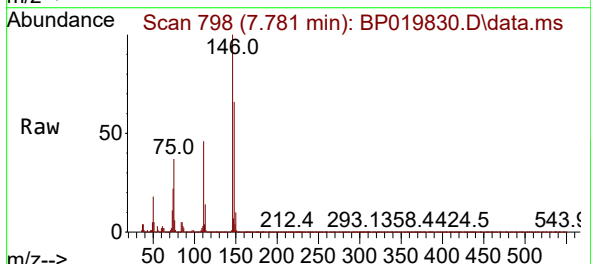
Instrument :
BNA_P
ClientSampleId :
336MS

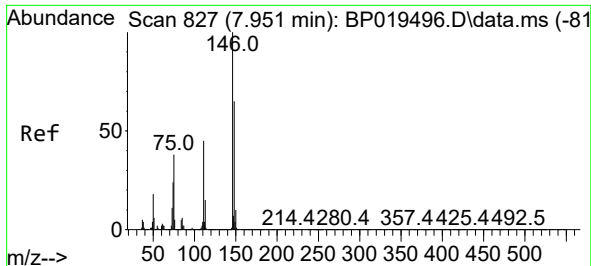
Tgt Ion: 93 Resp: 325906
Ion Ratio Lower Upper
93 100
63 72.1 51.2 91.2
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.121 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:146 Resp: 289019
Ion Ratio Lower Upper
146 100
148 65.5 50.4 75.6
75 36.9 29.9 44.9

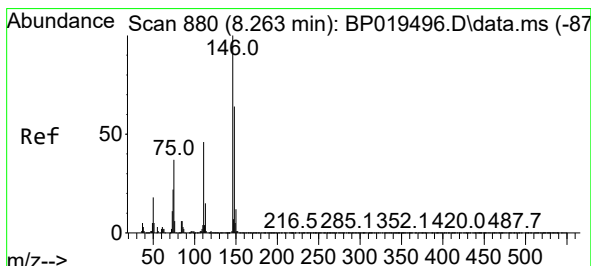
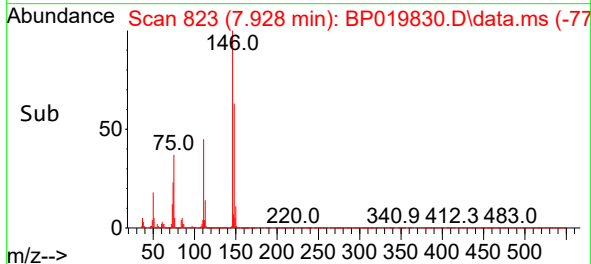
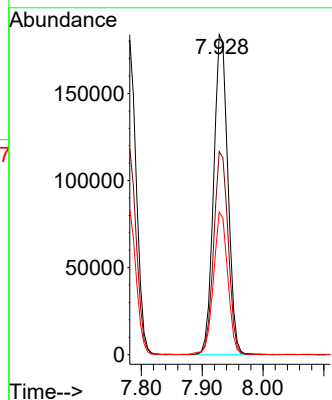
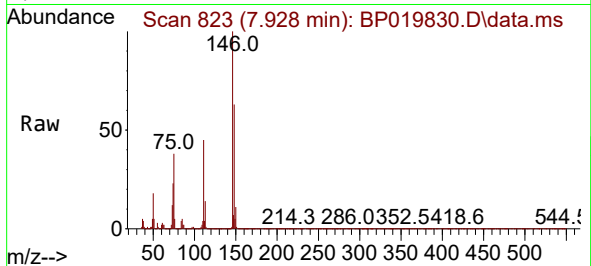




#13
1,4-Dichlorobenzene
Concen: 34.702 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

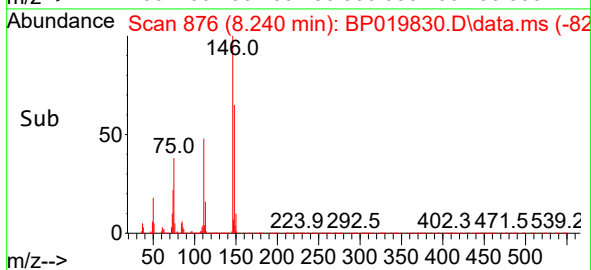
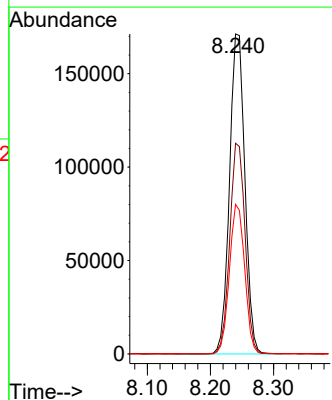
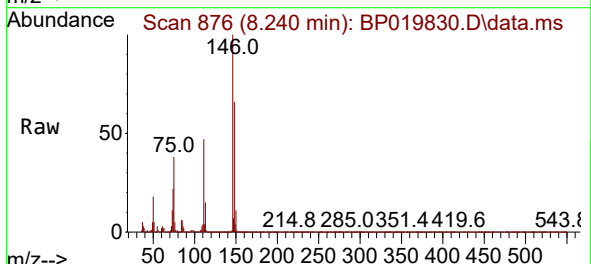
Instrument :
BNA_P
ClientSampleId :
336MS

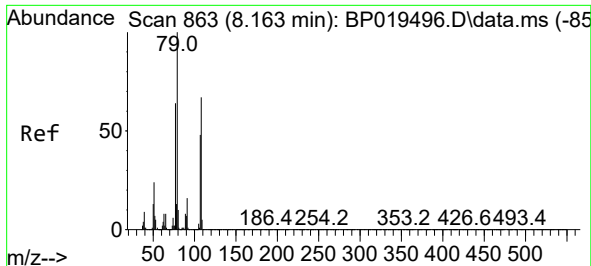
Tgt Ion:146 Resp: 297800
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
111 44.6 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 34.894 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:146 Resp: 289729
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
111 46.7 37.0 55.6

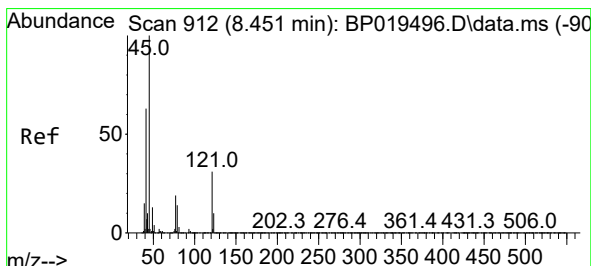
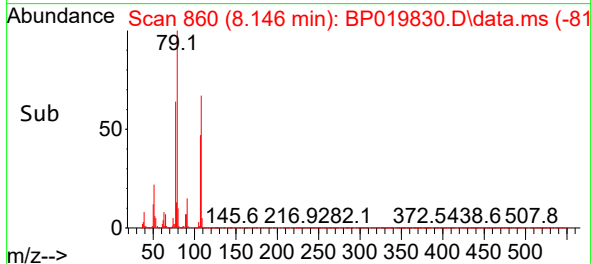
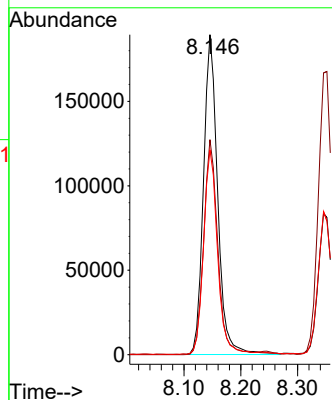
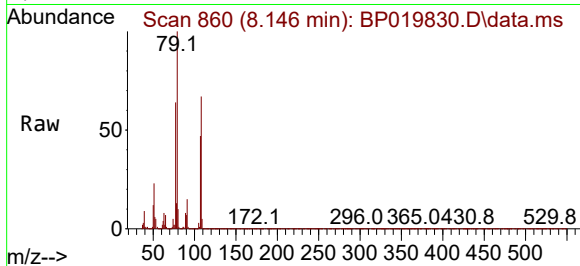




#15
Benzyl Alcohol
Concen: 44.968 ng
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

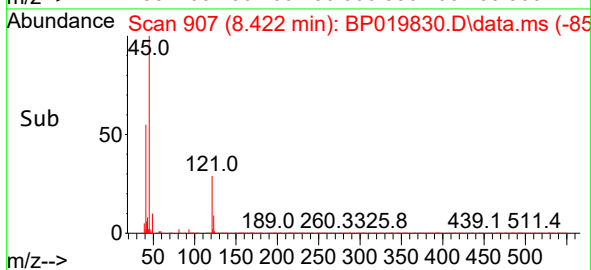
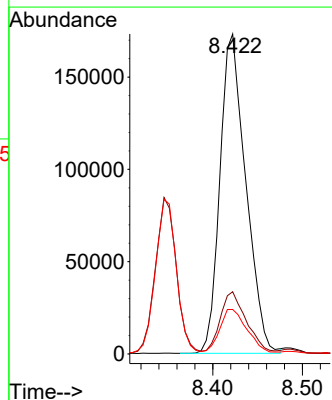
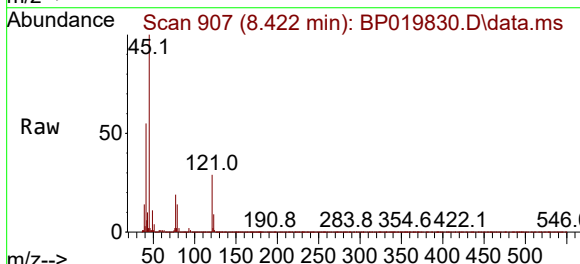
Instrument :
BNA_P
ClientSampleId :
336MS

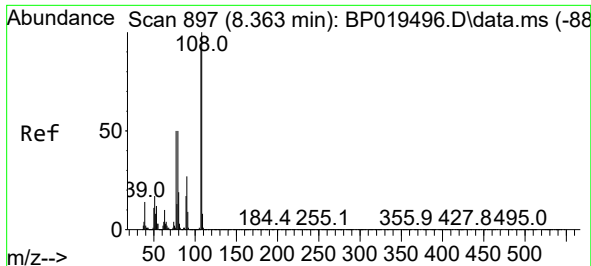
Tgt Ion: 79 Resp: 326654
Ion Ratio Lower Upper
79 100
108 67.2 53.8 80.6
77 63.9 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.122 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 45 Resp: 346285
Ion Ratio Lower Upper
45 100
77 19.5 0.8 40.8
79 13.9 0.0 35.5

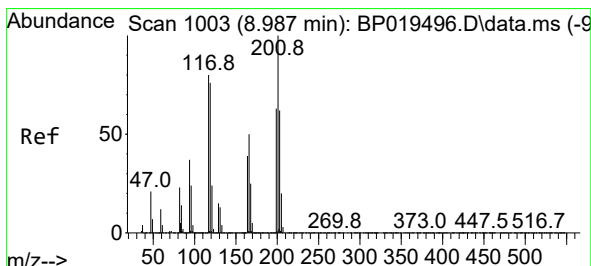
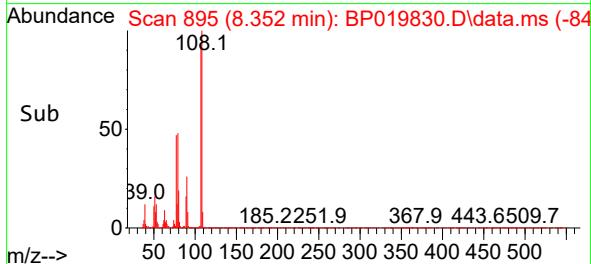
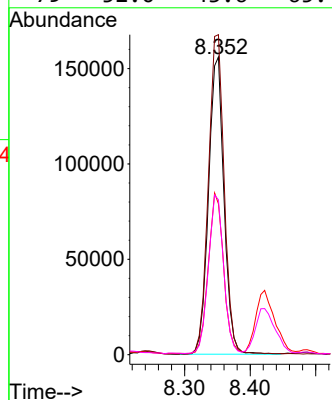
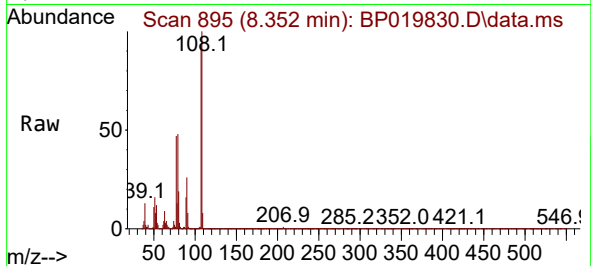




#17
2-Methylphenol
Concen: 41.901 ng
RT: 8.352 min Scan# 897
Delta R.T. 0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

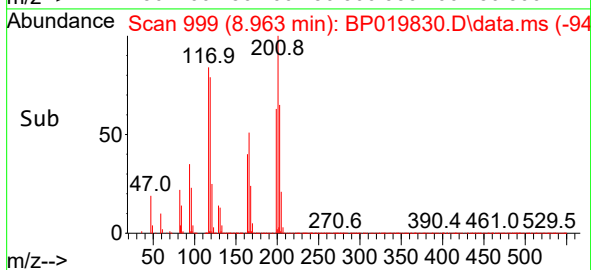
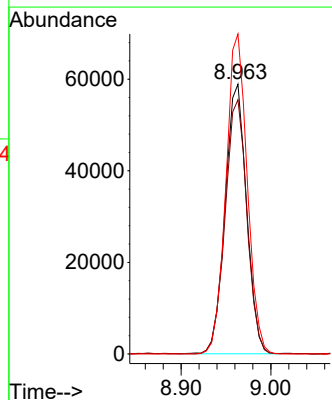
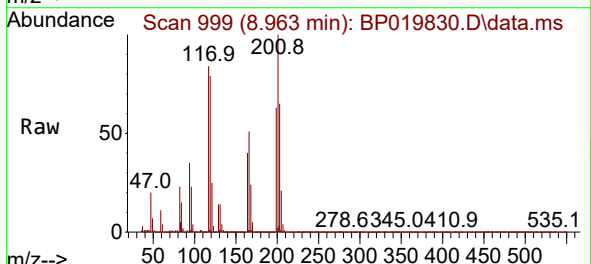
Instrument :
BNA_P
ClientSampleId :
336MS

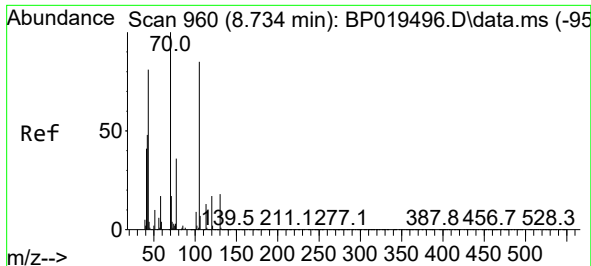
Tgt Ion:107 Resp: 255613
Ion Ratio Lower Upper
107 100
108 107.5 87.0 130.6
77 50.7 43.5 65.3
79 52.0 43.6 65.4



#18
Hexachloroethane
Concen: 29.473 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:117 Resp: 98035
Ion Ratio Lower Upper
117 100
119 94.2 75.5 113.3
201 118.6 99.4 149.2

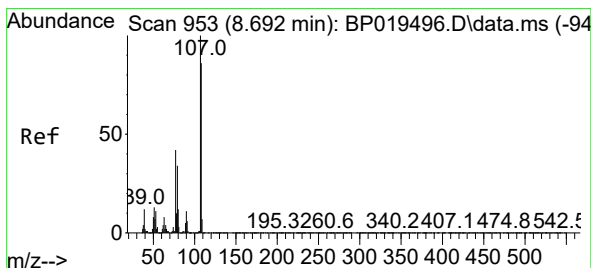
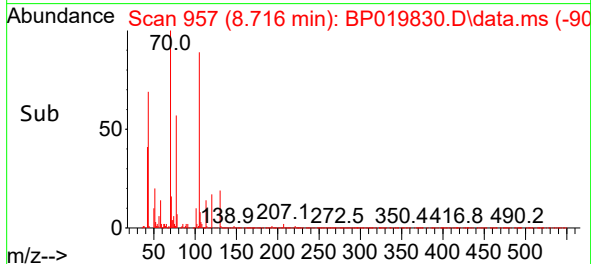
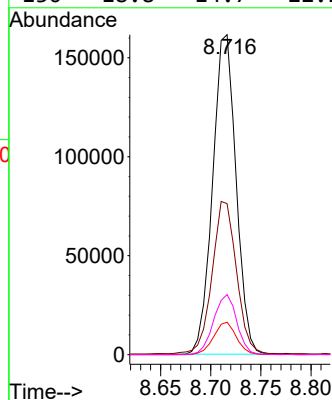
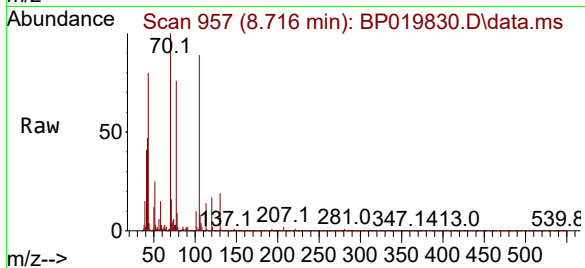




#19
n-Nitroso-di-n-propylamine
Concen: 42.303 ng
RT: 8.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

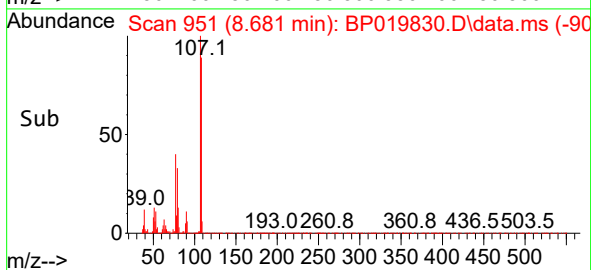
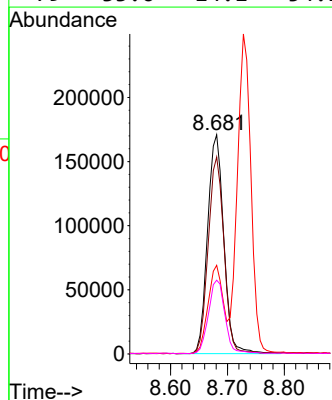
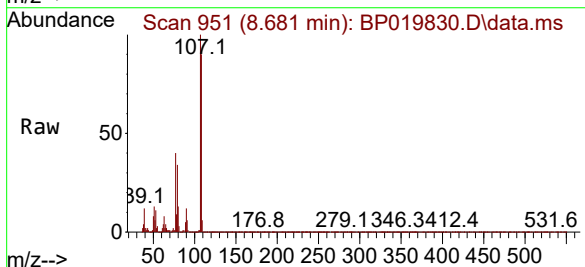
Instrument :
BNA_P
ClientSampleId :
336MS

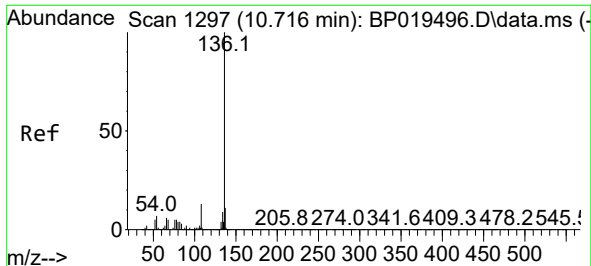
Tgt Ion: 70 Resp: 262692
Ion Ratio Lower Upper
70 100
42 47.2 39.2 58.8
101 10.2 7.3 10.9
130 18.8 14.7 22.1



#20
3+4-Methylphenols
Concen: 40.455 ng
RT: 8.681 min Scan# 951
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 107 Resp: 336804
Ion Ratio Lower Upper
107 100
108 89.8 65.5 105.5
77 40.4 21.8 61.8
79 33.6 14.1 54.1

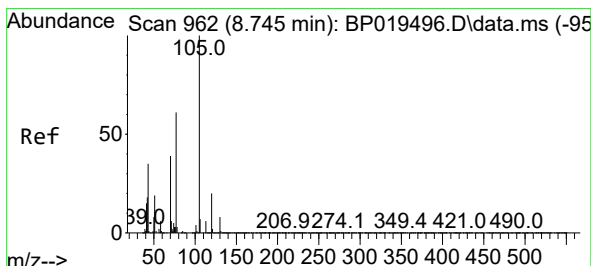
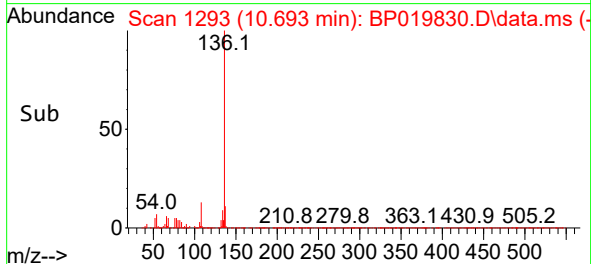
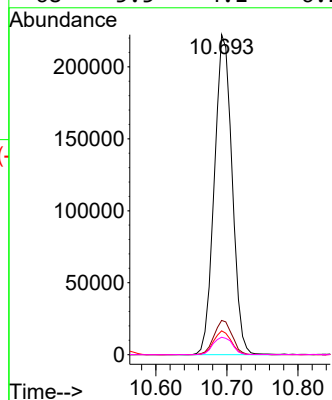
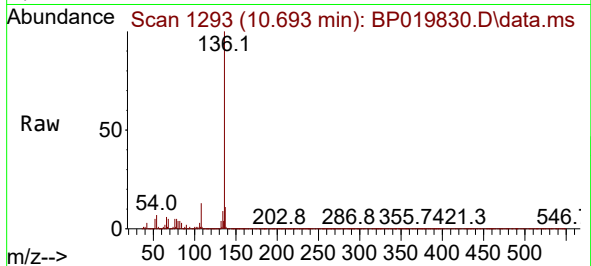




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

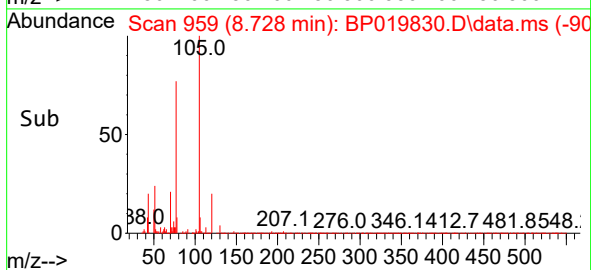
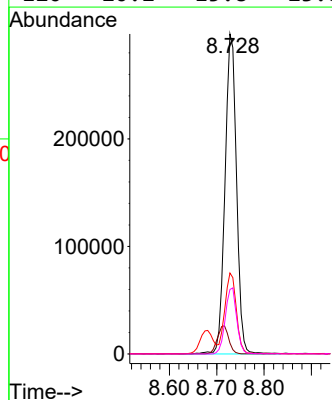
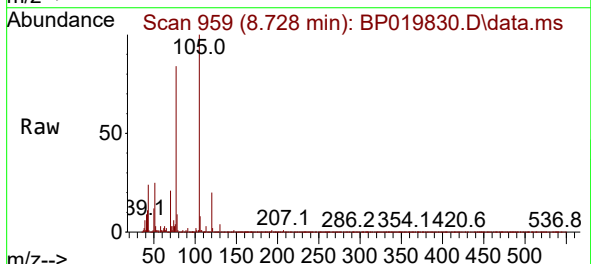
Instrument :
BNA_P
ClientSampleId :
336MS

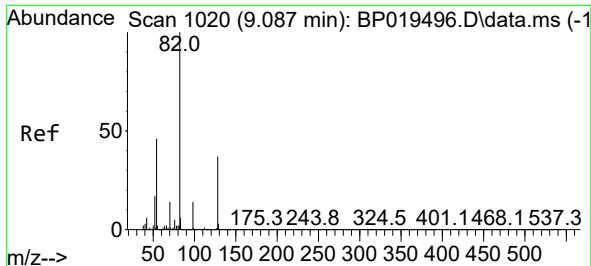
Tgt Ion:	136	Resp:	384950
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	5.3	7.9
68	5.5	4.1	6.1



#22
Acetophenone
Concen: 45.790 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	105	Resp:	502165
Ion	Ratio	Lower	Upper
105	100		
71	3.4	4.9	7.3#
51	25.3	20.7	31.1
120	20.2	15.8	23.8

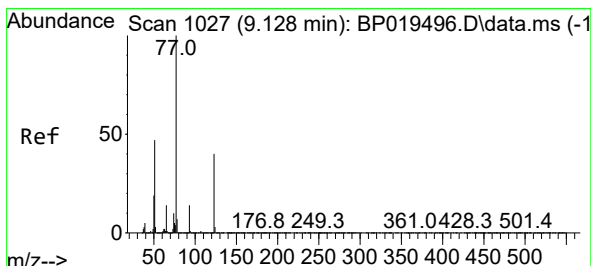
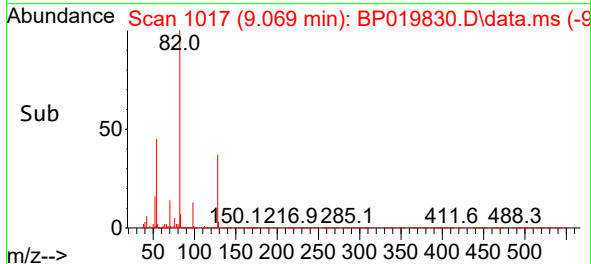
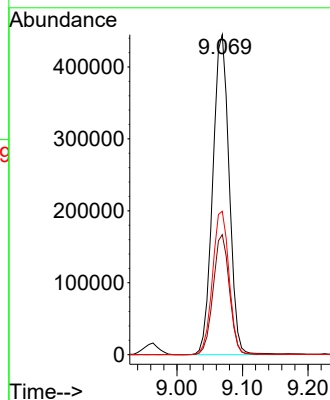
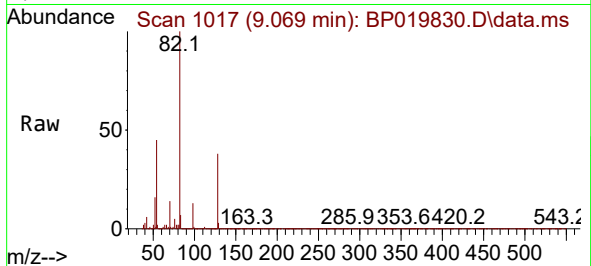




#23
Nitrobenzene-d5
Concen: 86.847 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

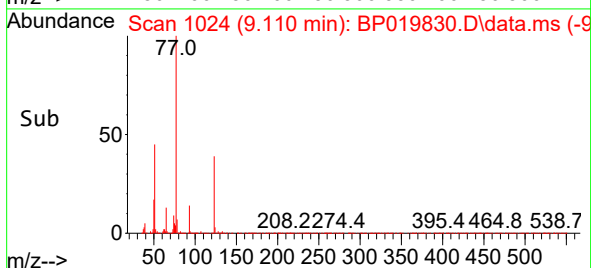
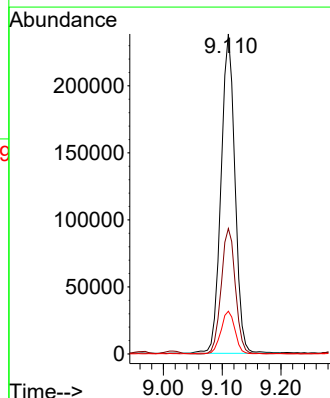
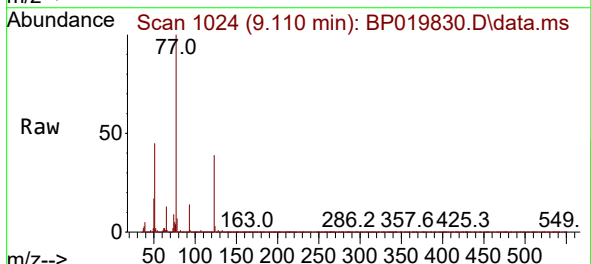
Instrument :
BNA_P
ClientSampleId :
336MS

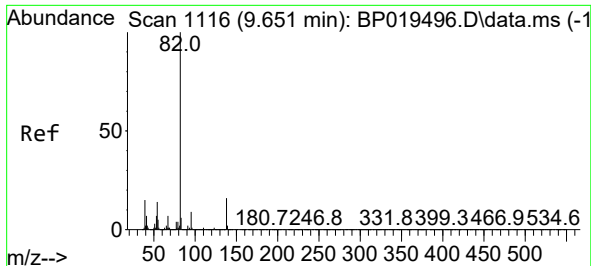
Tgt Ion: 82 Resp: 771532
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 44.8 36.8 55.2



#24
Nitrobenzene
Concen: 43.929 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 77 Resp: 392934
Ion Ratio Lower Upper
77 100
123 39.2 32.3 48.5
65 13.4 11.6 17.4

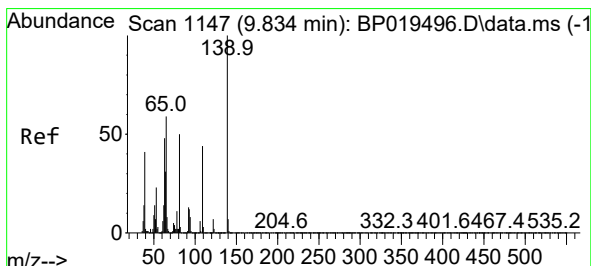
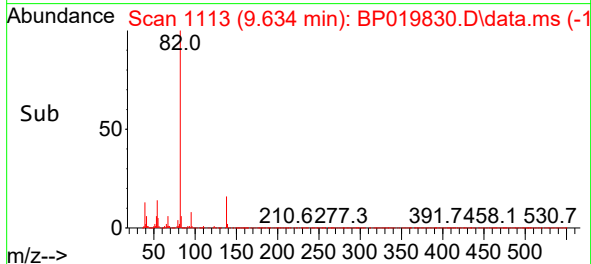
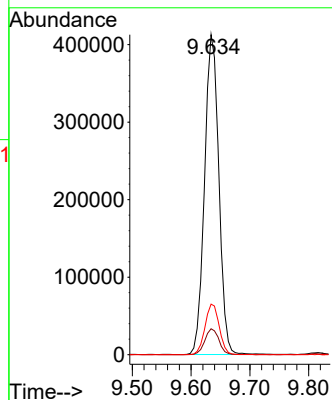
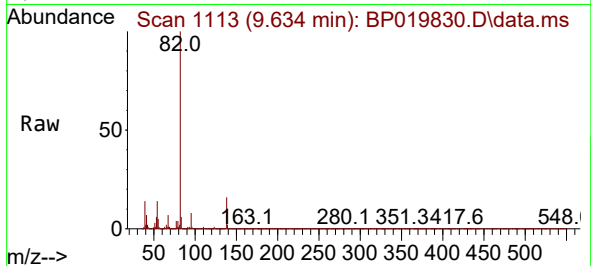




#25
Isophorone
Concen: 45.228 ng
RT: 9.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

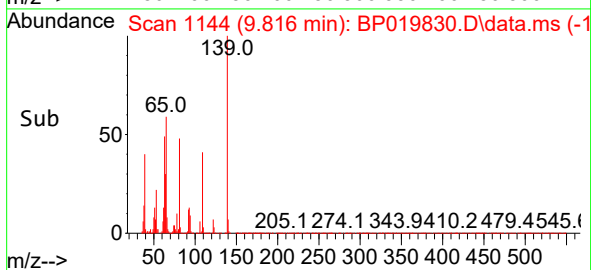
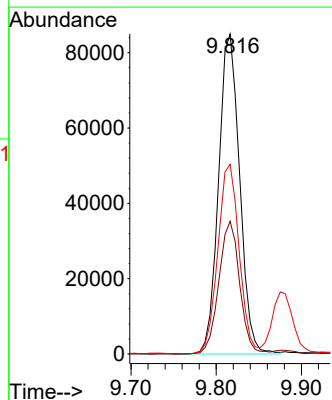
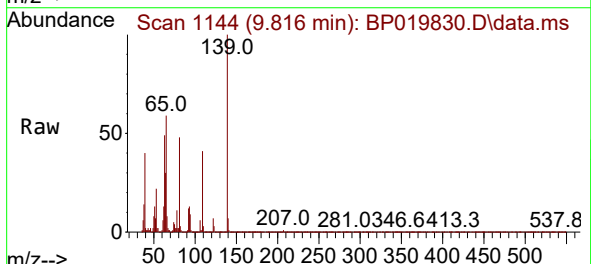
Instrument :
BNA_P
ClientSampleId :
336MS

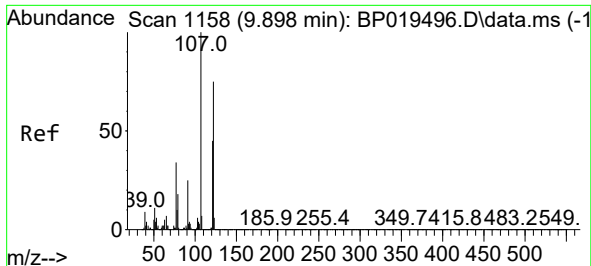
Tgt Ion: 82 Resp: 699753
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.4
138 15.8 13.1 19.7



#26
2-Nitrophenol
Concen: 42.779 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:139 Resp: 145899
Ion Ratio Lower Upper
139 100
109 41.5 34.9 52.3
65 59.3 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 49.032 ng

RT: 9.881 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

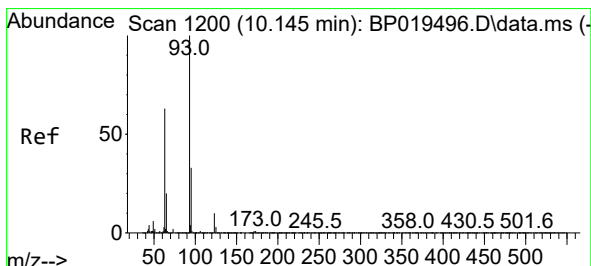
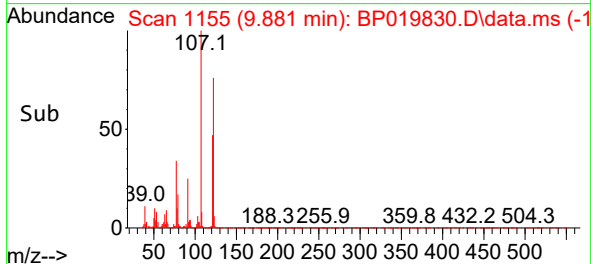
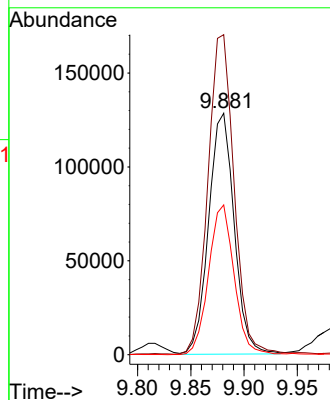
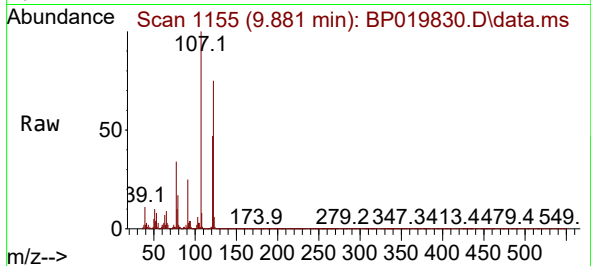
Tgt Ion:122 Resp: 213830

Ion Ratio Lower Upper

122 100

107 132.5 105.9 158.9

121 62.0 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.308 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

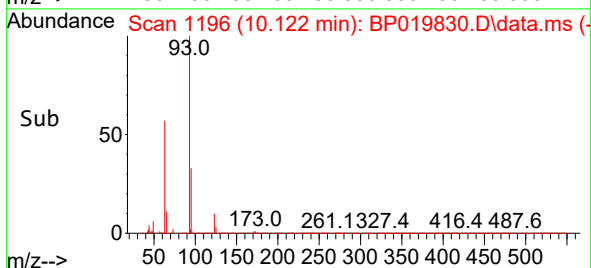
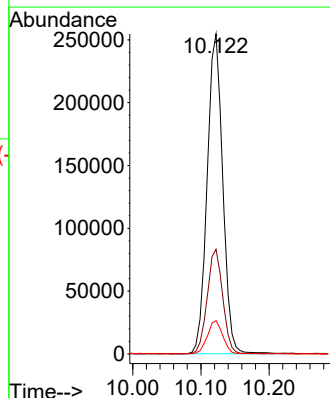
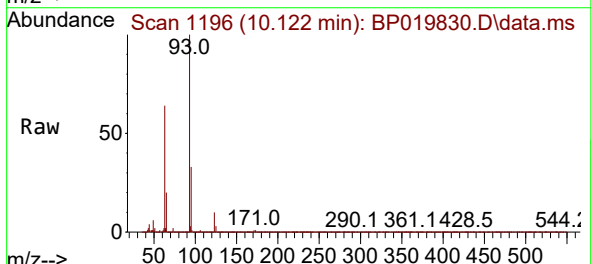
Tgt Ion: 93 Resp: 405372

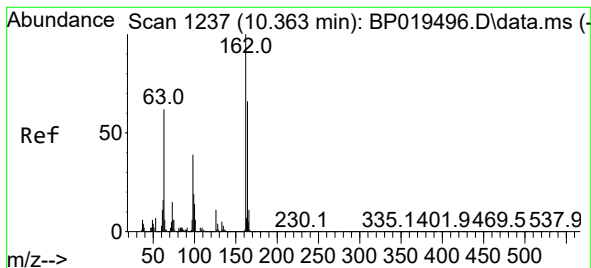
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 44.364 ng

RT: 10.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

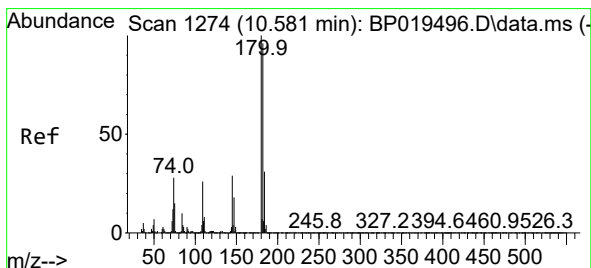
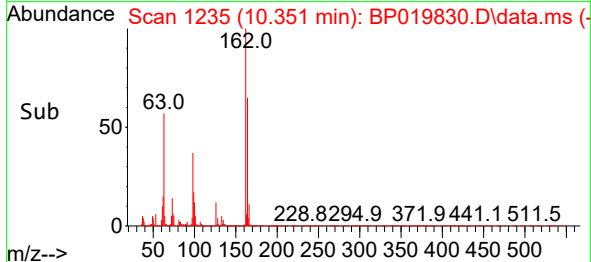
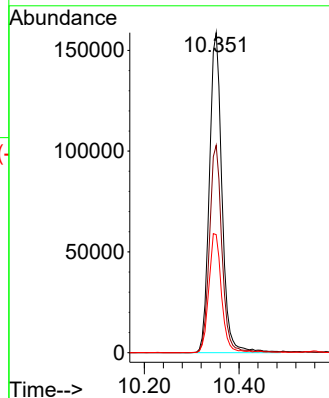
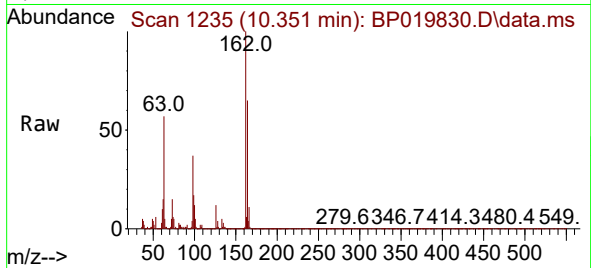
Tgt Ion:162 Resp: 292465

Ion Ratio Lower Upper

162 100

164 64.8 46.0 86.0

98 36.9 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 36.033 ng

RT: 10.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

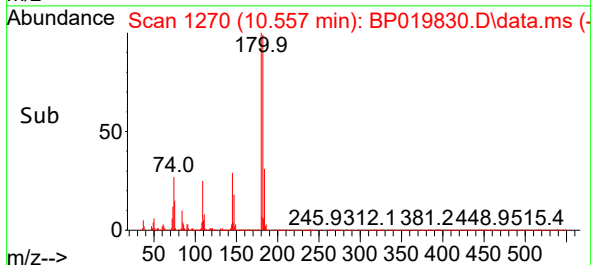
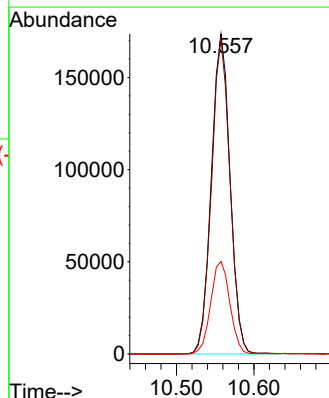
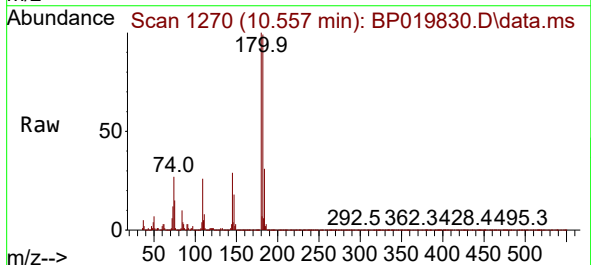
Tgt Ion:180 Resp: 291262

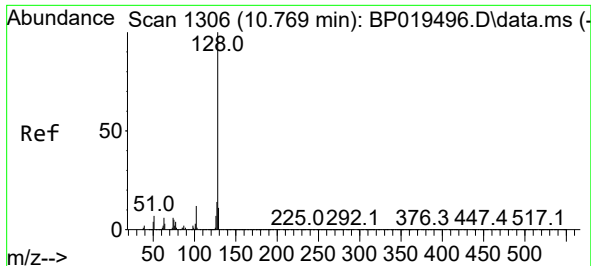
Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.6

145 28.9 23.2 34.8

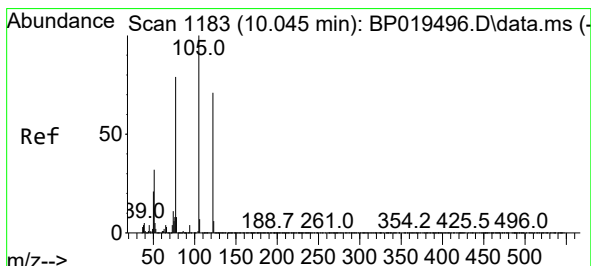
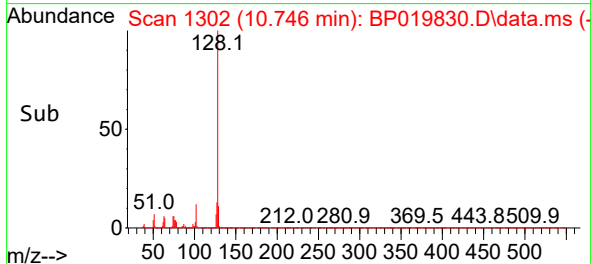
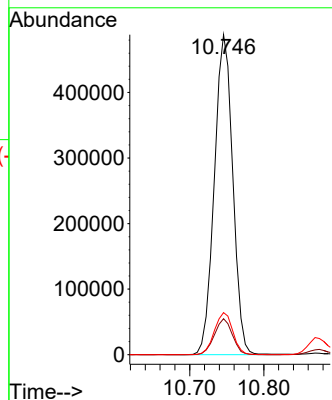
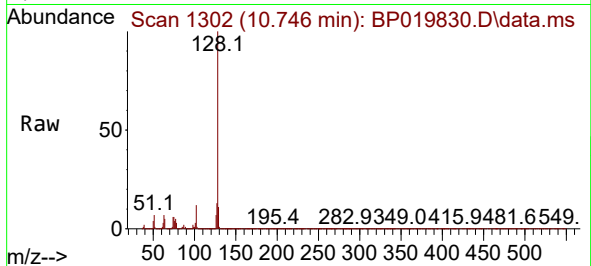




#31
Naphthalene
Concen: 39.925 ng
RT: 10.746 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

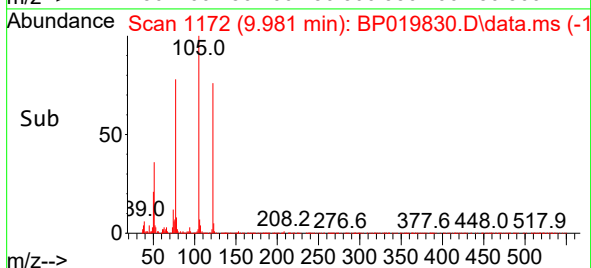
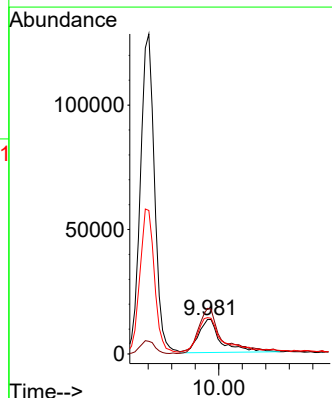
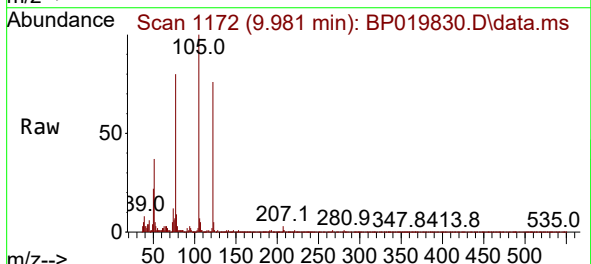
Instrument :
BNA_P
ClientSampleId :
336MS

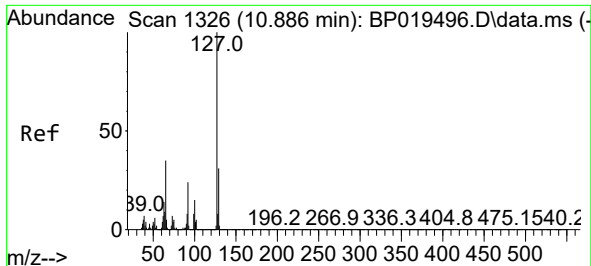
Tgt Ion:128 Resp: 842923
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 8.439 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.047 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:122 Resp: 35858
Ion Ratio Lower Upper
122 100
105 132.0 118.8 158.8
77 105.1 91.7 131.7

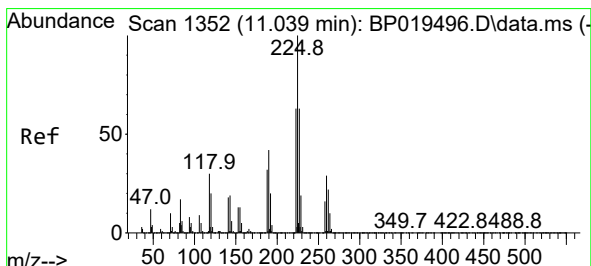
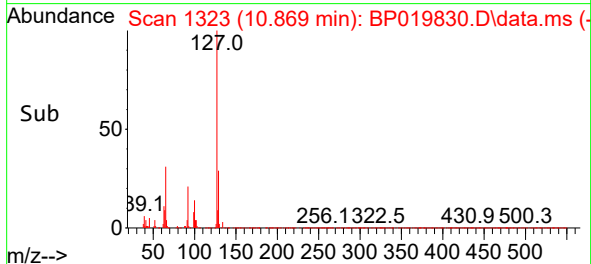
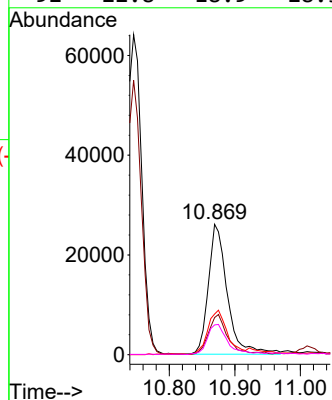
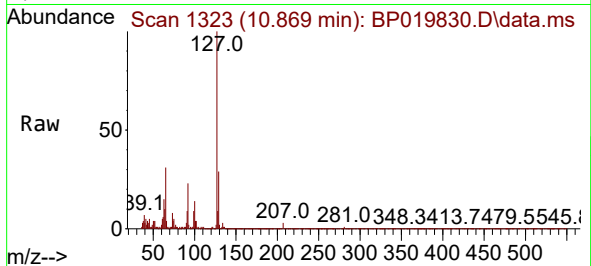




#33
4-Chloroaniline
Concen: 6.732 ng
RT: 10.869 min Scan# 111
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

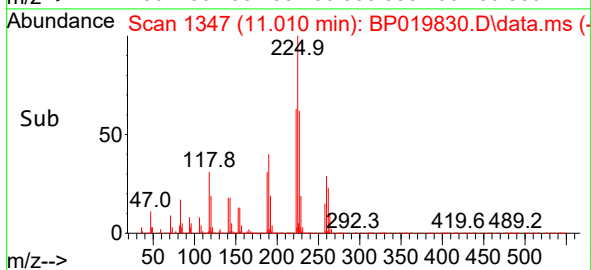
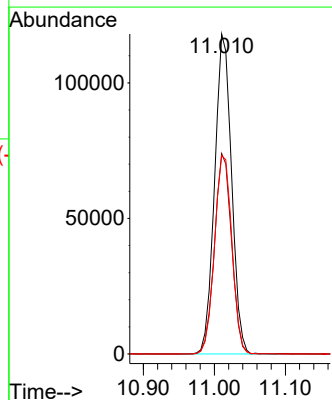
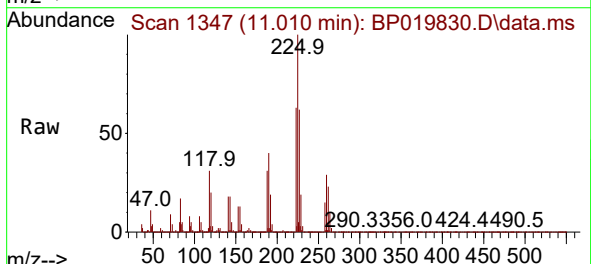
Instrument :
BNA_P
ClientSampleId :
336MS

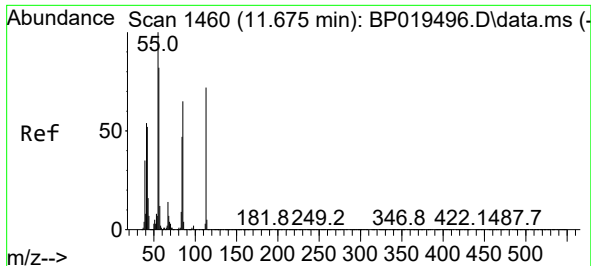
Tgt Ion:	127	Resp:	52561
Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.6	36.8
65	31.2	28.2	42.4
92	22.8	18.9	28.3



#34
Hexachlorobutadiene
Concen: 32.523 ng
RT: 11.010 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	225	Resp:	194811
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	61.9	50.2	75.2

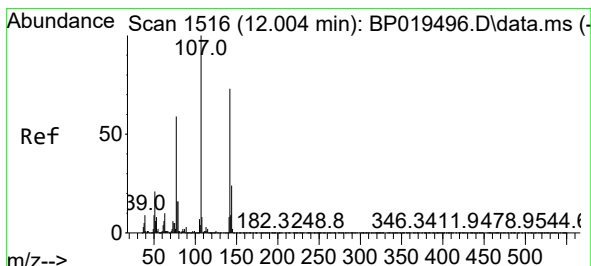
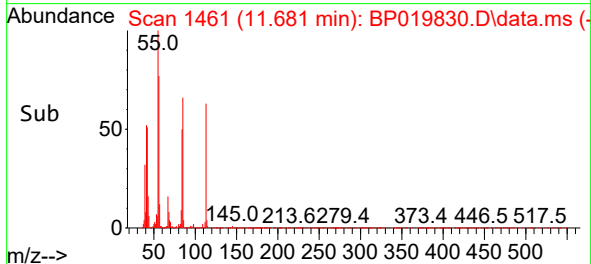
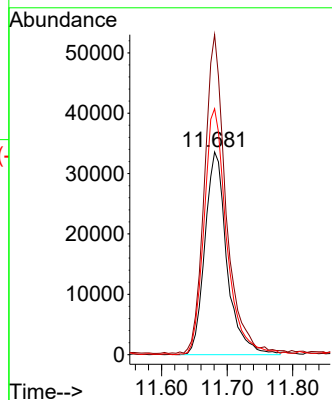
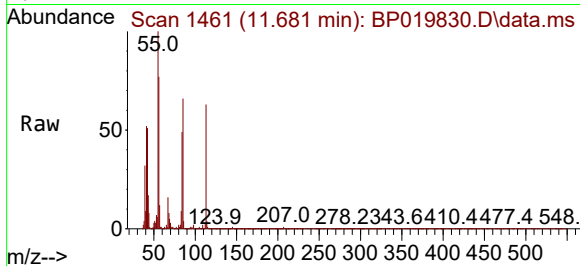




#35
Caprolactam
Concen: 42.068 ng
RT: 11.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

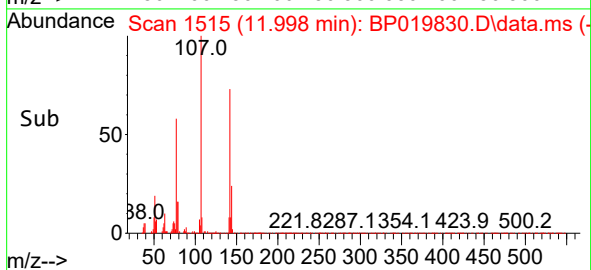
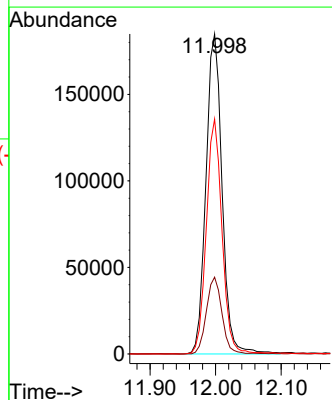
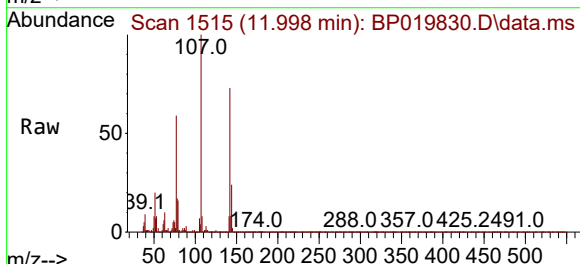
Instrument :
BNA_P
ClientSampleId :
336MS

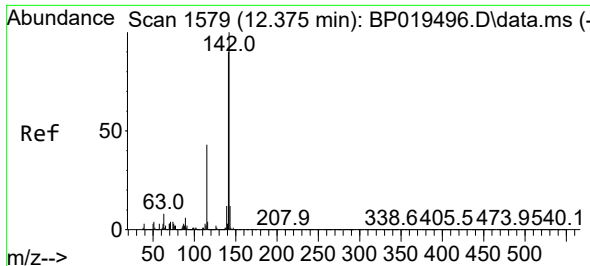
Tgt Ion:113 Resp: 78511
Ion Ratio Lower Upper
113 100
55 157.8 120.0 160.0
56 121.3 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 44.045 ng
RT: 11.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:107 Resp: 316605
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 73.4 58.6 88.0

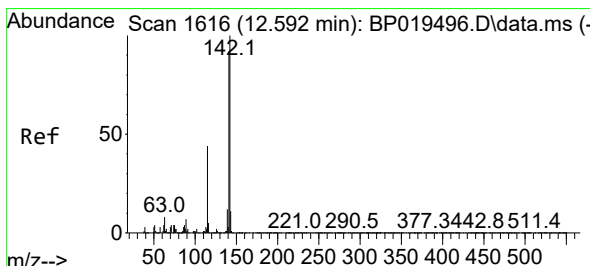
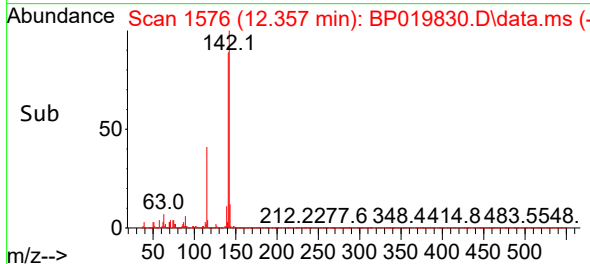
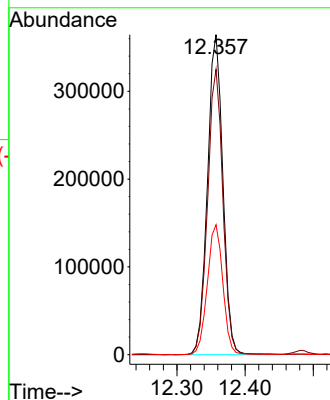
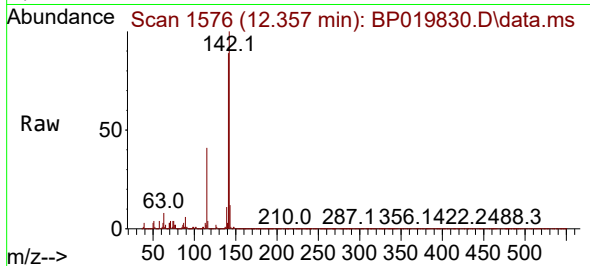




#37
2-Methylnaphthalene
Concen: 39.152 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

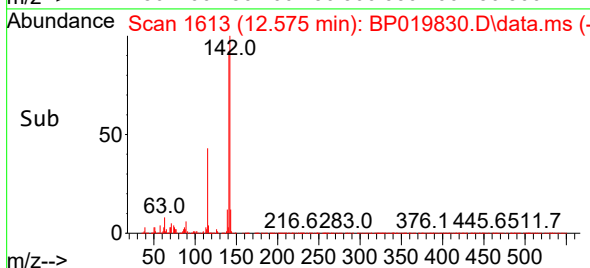
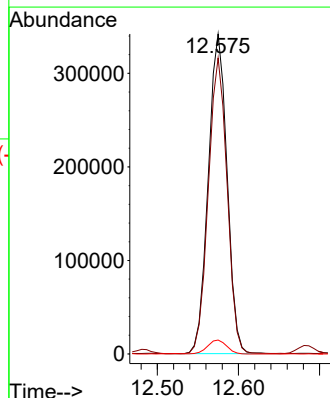
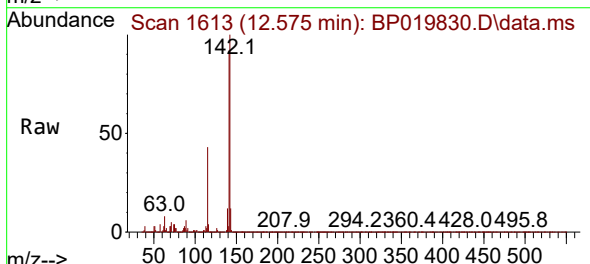
Instrument :
BNA_P
ClientSampleId :
336MS

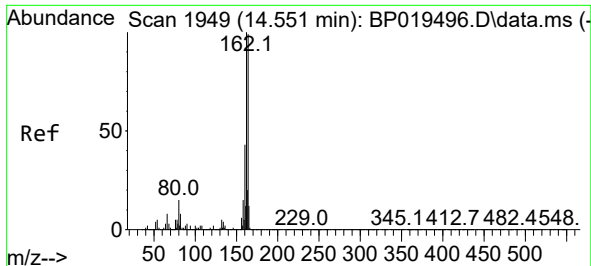
Tgt Ion:142 Resp: 572047
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.4
115 40.6 34.2 51.2



#38
1-Methylnaphthalene
Concen: 38.343 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:142 Resp: 550544
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0
116 4.3 3.7 5.5

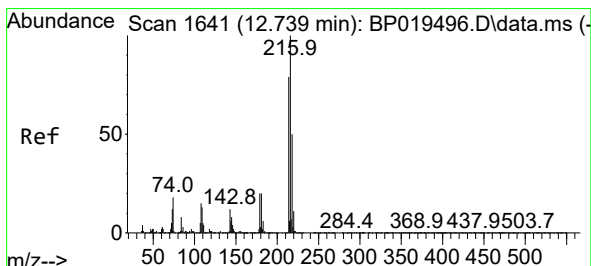
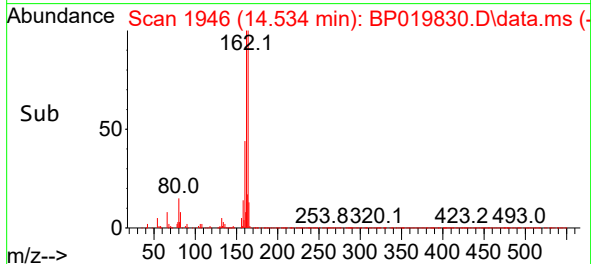
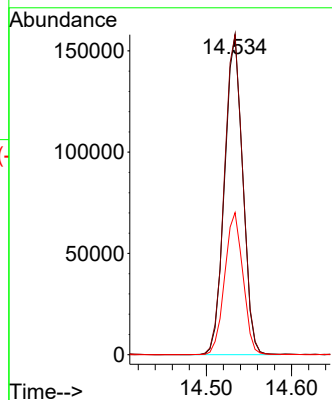
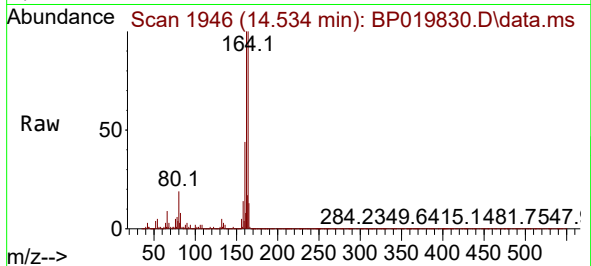




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

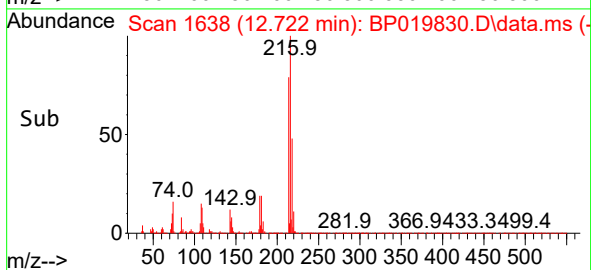
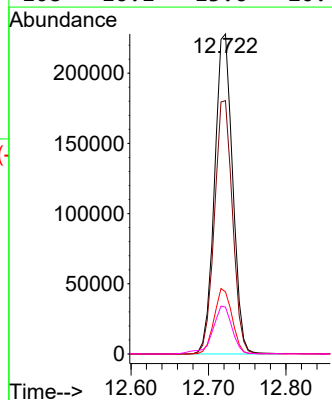
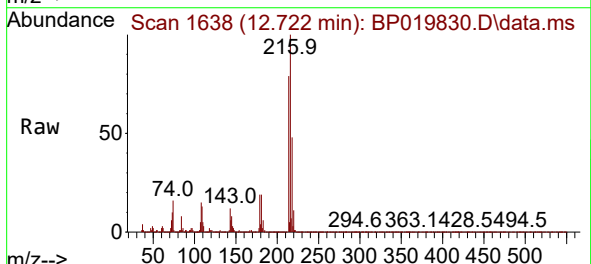
Instrument :
BNA_P
ClientSampleId :
336MS

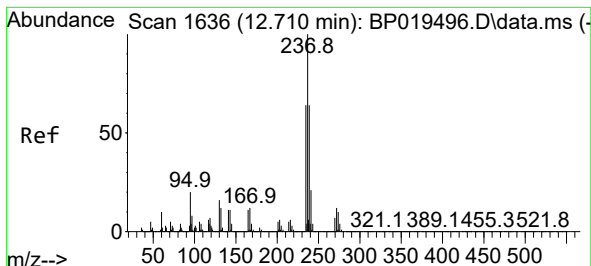
Tgt Ion:164 Resp: 233659
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 44.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.850 ng
RT: 12.722 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:216 Resp: 368118
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 20.4 16.6 24.8
108 16.1 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 30.009 ng

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

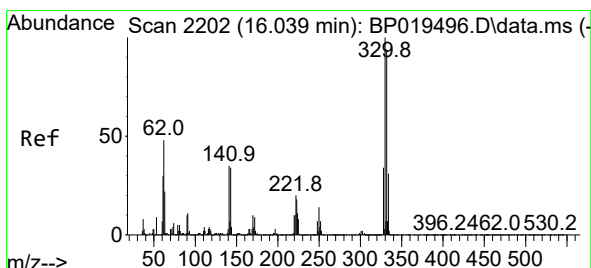
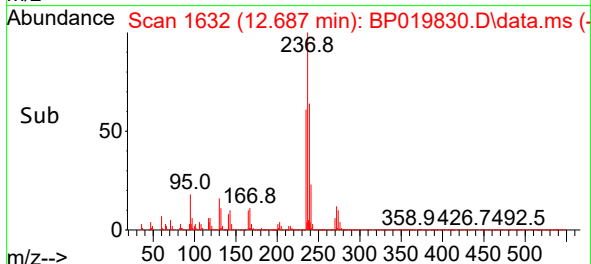
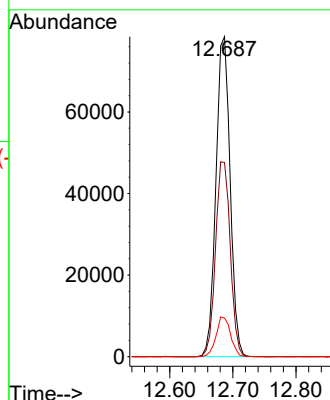
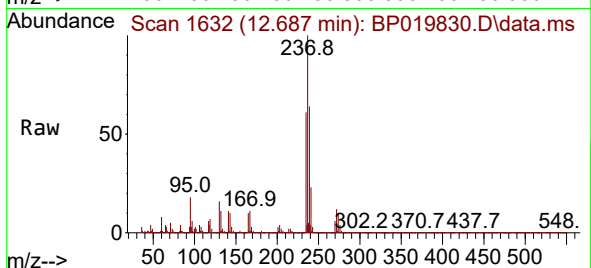
Tgt Ion:237 Resp: 122161

Ion Ratio Lower Upper

237 100

235 60.7 43.7 83.7

272 12.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 126.815 ng

RT: 16.034 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

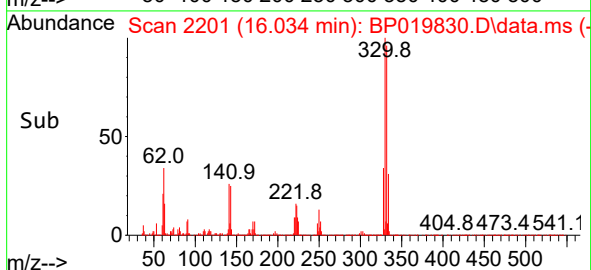
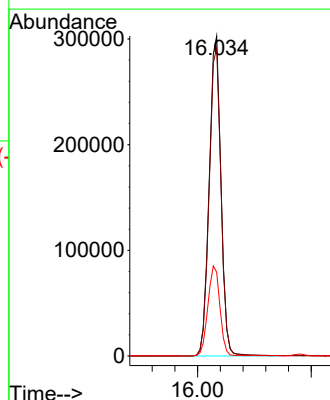
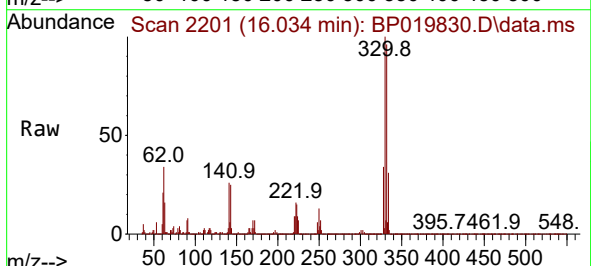
Tgt Ion:330 Resp: 432639

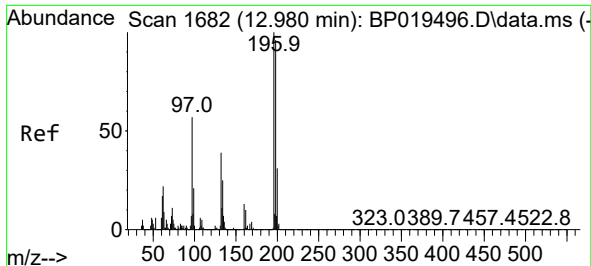
Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 28.8 27.0 40.4

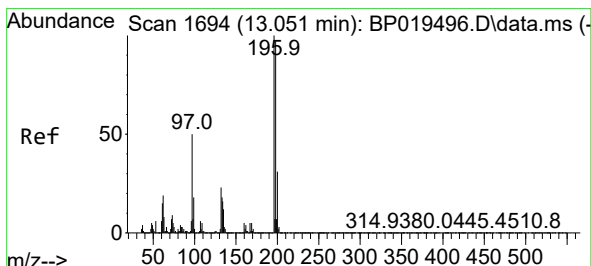
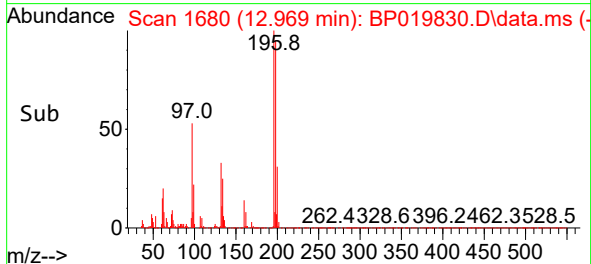
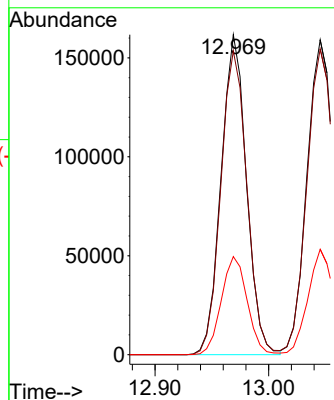
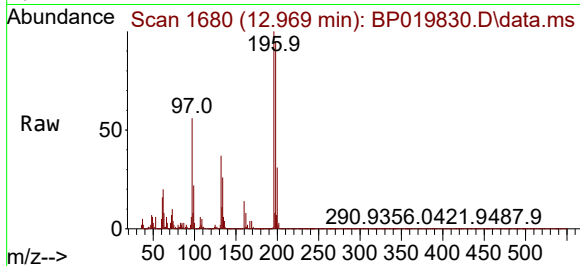




#43
2,4,6-Trichlorophenol
Concen: 46.108 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

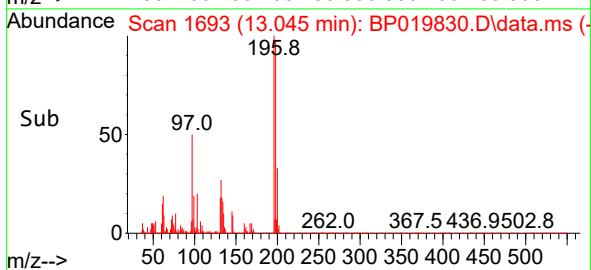
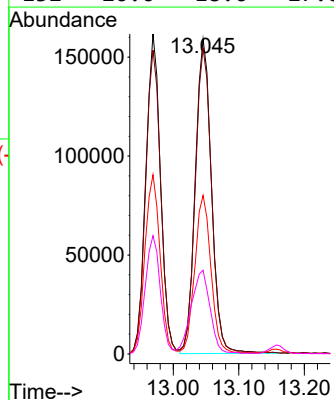
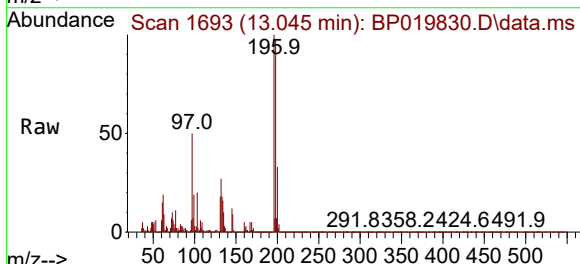
Instrument :
BNA_P
ClientSampleId :
336MS

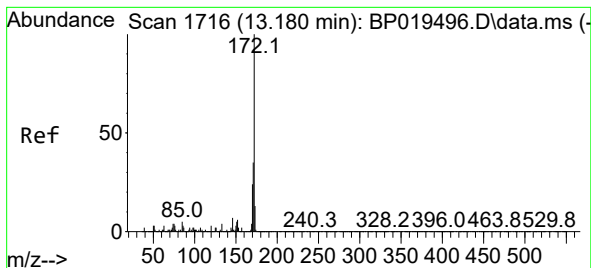
Tgt Ion:196 Resp: 251591
Ion Ratio Lower Upper
196 100
198 95.0 76.7 115.1
200 30.7 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 45.649 ng
RT: 13.045 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:196 Resp: 273520
Ion Ratio Lower Upper
196 100
198 97.1 77.5 116.3
97 50.3 39.9 59.9
132 26.6 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 75.684 ng

RT: 13.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

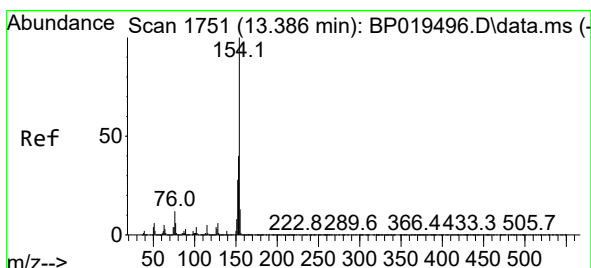
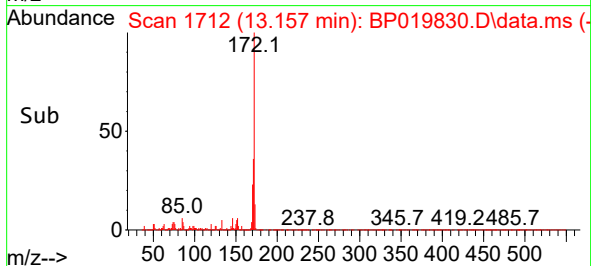
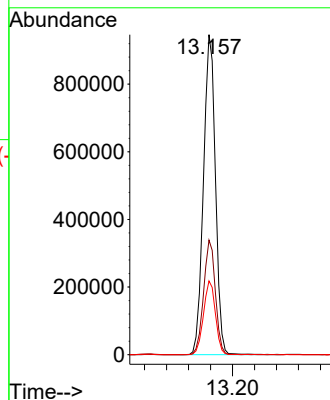
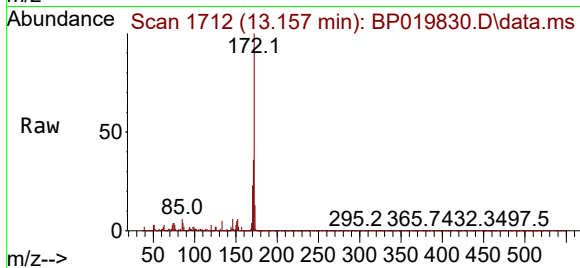
Tgt Ion:172 Resp: 1430509

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 41.025 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

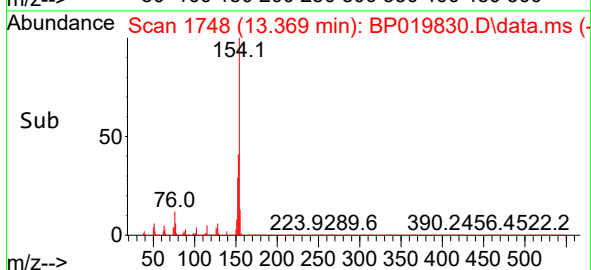
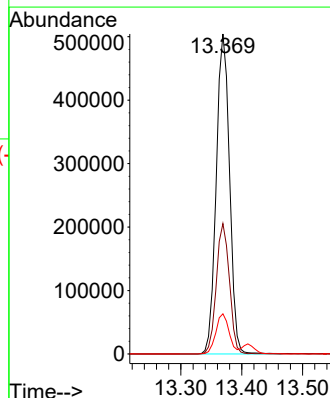
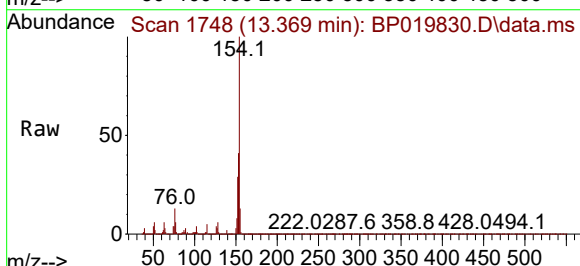
Tgt Ion:154 Resp: 765073

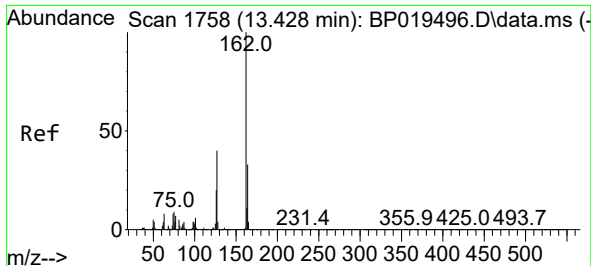
Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

76 12.5 0.0 31.6

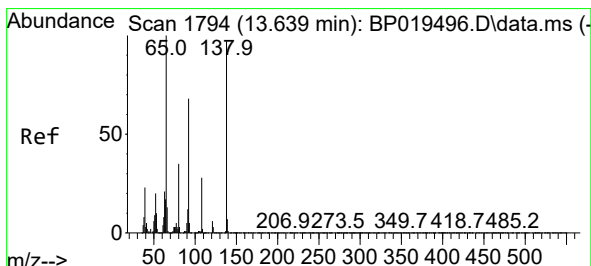
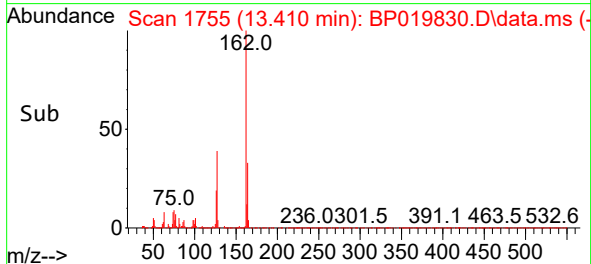
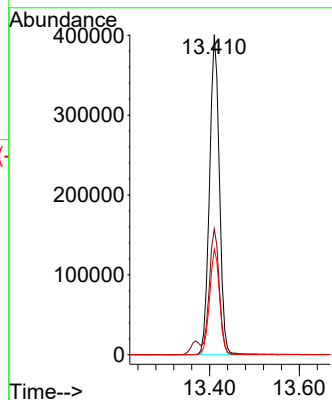
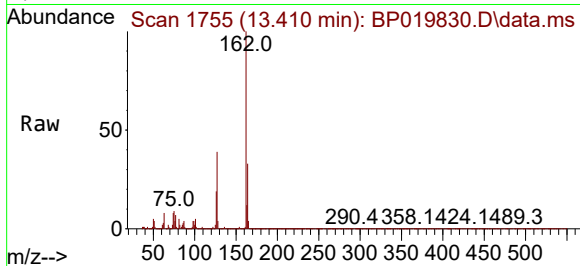




#47
2-Chloronaphthalene
Concen: 40.022 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

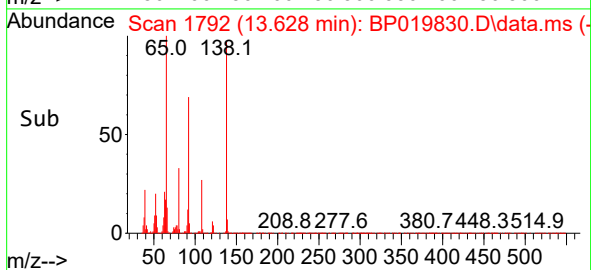
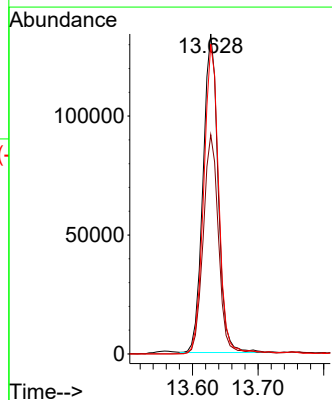
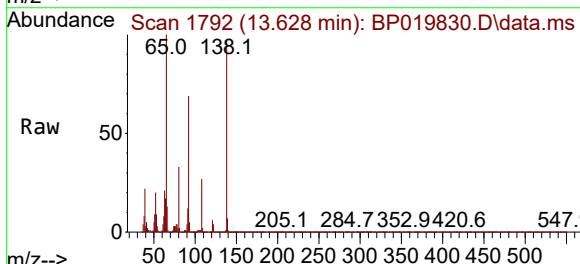
Instrument :
BNA_P
ClientSampleId :
336MS

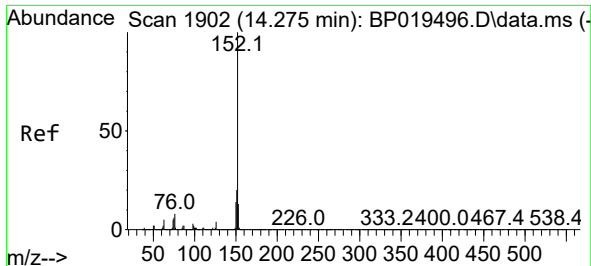
Tgt Ion:162 Resp: 612682
Ion Ratio Lower Upper
162 100
127 39.3 32.1 48.1
164 32.9 26.7 40.1



#48
2-Nitroaniline
Concen: 50.252 ng
RT: 13.628 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 65 Resp: 215110
Ion Ratio Lower Upper
65 100
92 68.5 54.7 82.1
138 96.8 77.8 116.6

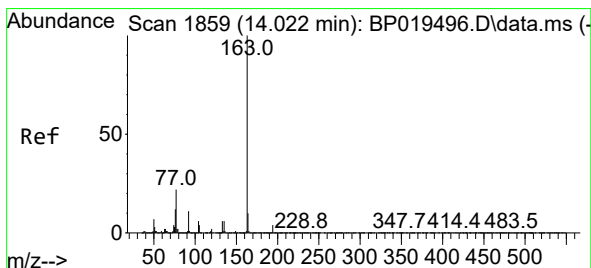
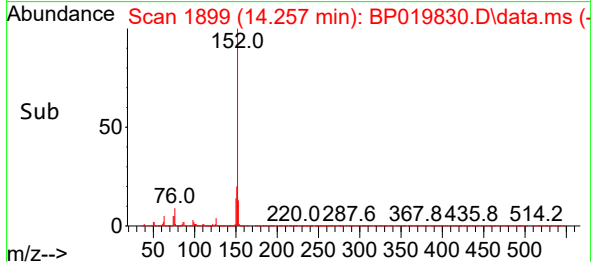
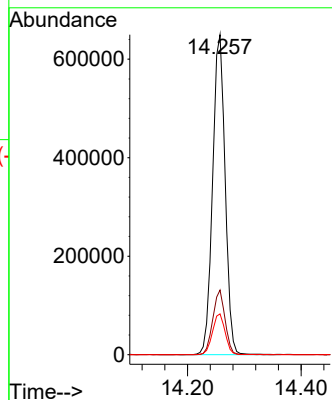
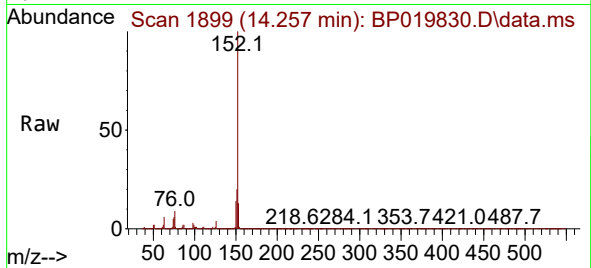




#49
Acenaphthylene
Concen: 46.049 ng
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

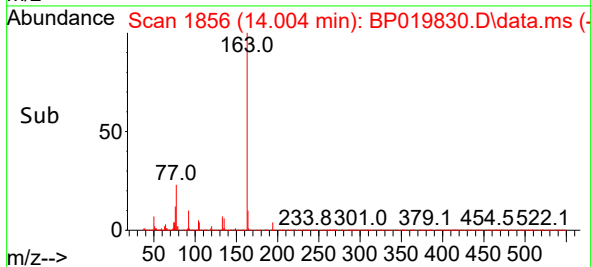
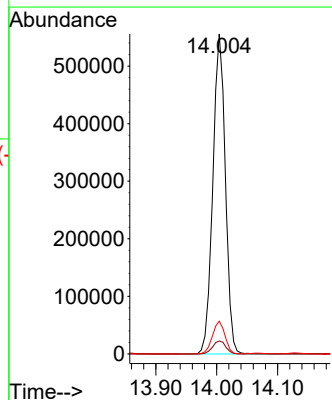
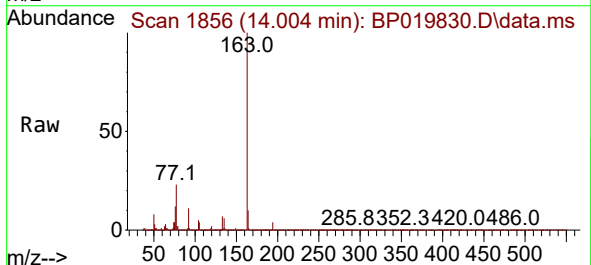
Instrument :
BNA_P
ClientSampleId :
336MS

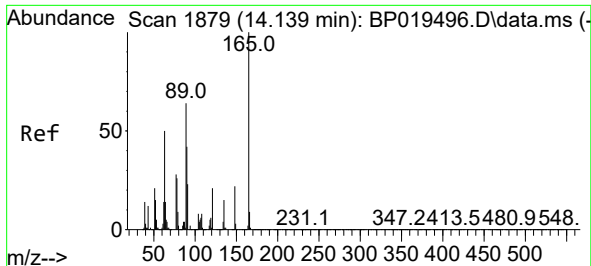
Tgt Ion:152 Resp: 989020
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 44.396 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:163 Resp: 794118
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 7.8 11.6

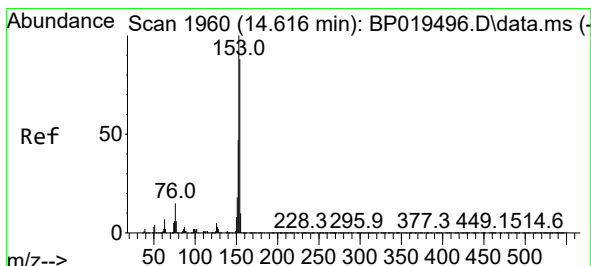
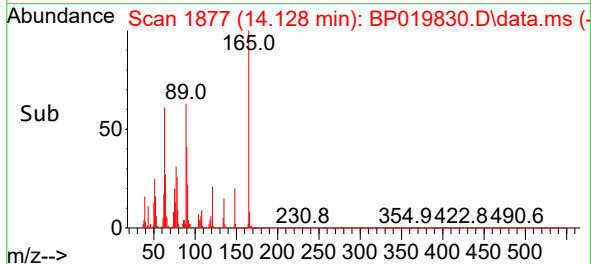
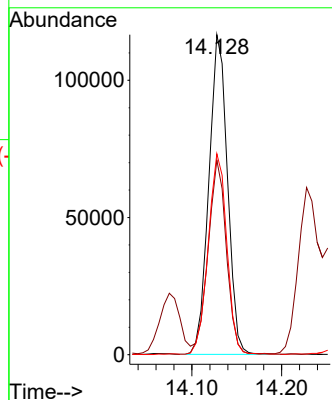
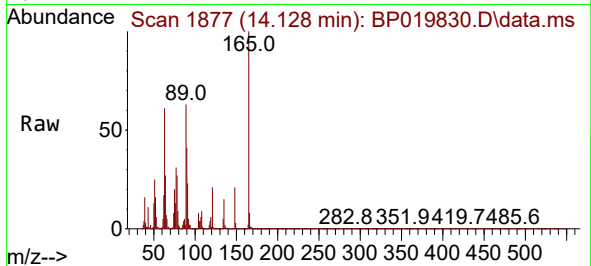




#51
2,6-Dinitrotoluene
Concen: 42.647 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

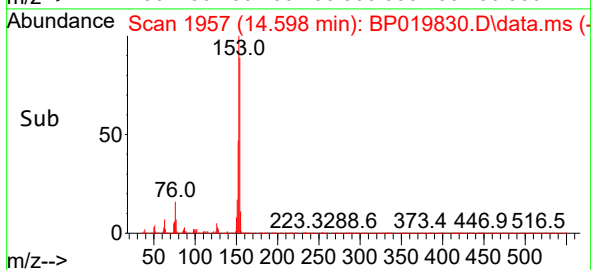
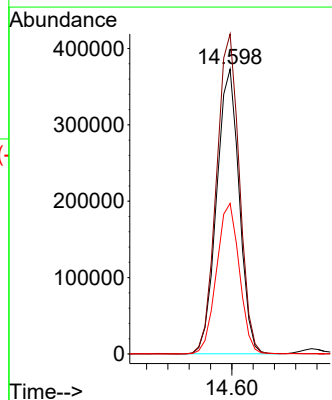
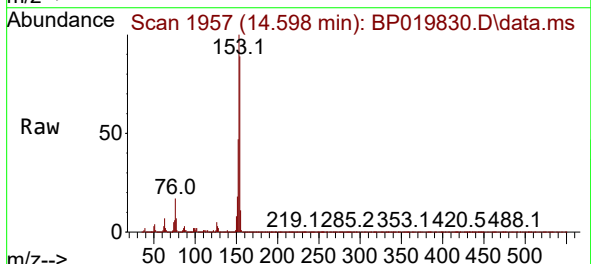
Instrument :
BNA_P
ClientSampleId :
336MS

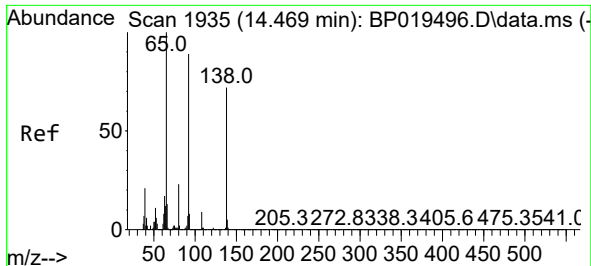
Tgt Ion:165 Resp: 167601
Ion Ratio Lower Upper
165 100
63 60.8 50.4 75.6
89 62.8 51.7 77.5



#52
Acenaphthene
Concen: 41.133 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:154 Resp: 548305
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 52.9 42.1 63.1

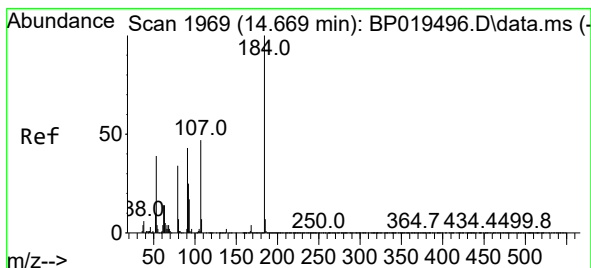
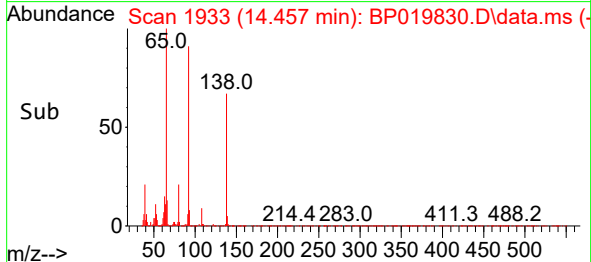
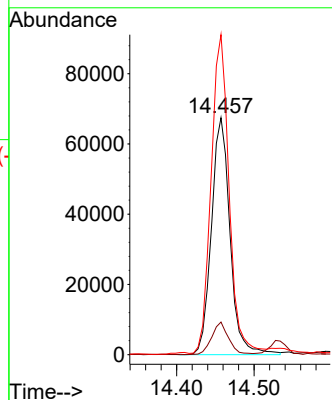
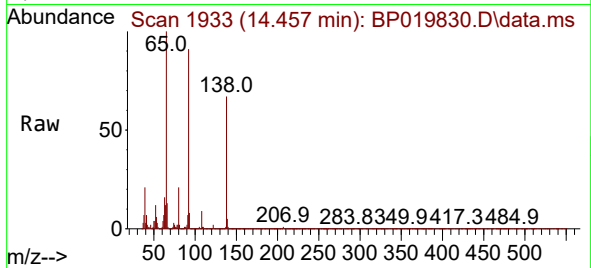




#53
3-Nitroaniline
Concen: 31.180 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

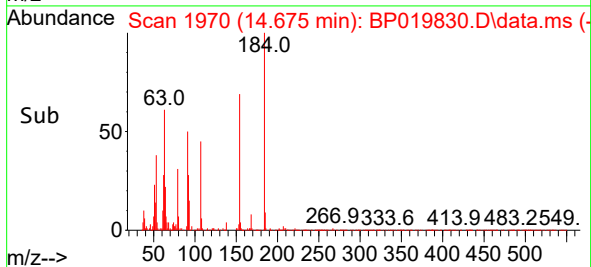
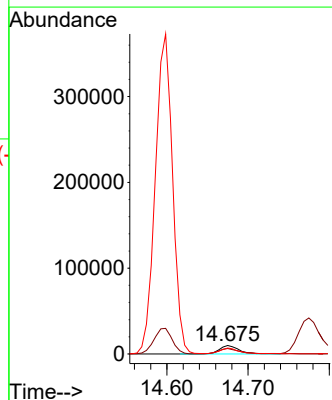
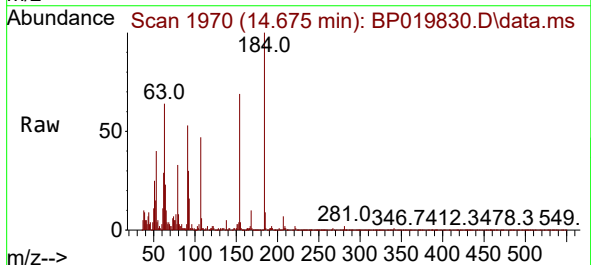
Instrument :
BNA_P
ClientSampleId :
336MS

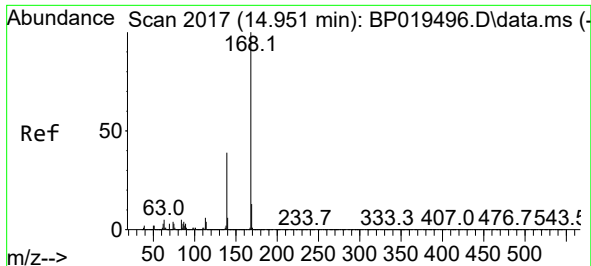
Tgt Ion:138 Resp: 112612
Ion Ratio Lower Upper
138 100
108 13.8 9.7 14.5
92 135.1 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 8.169 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:184 Resp: 16668
Ion Ratio Lower Upper
184 100
63 64.1 50.5 75.7
154 69.4 53.4 80.0

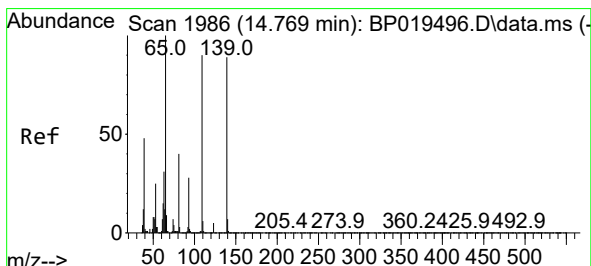
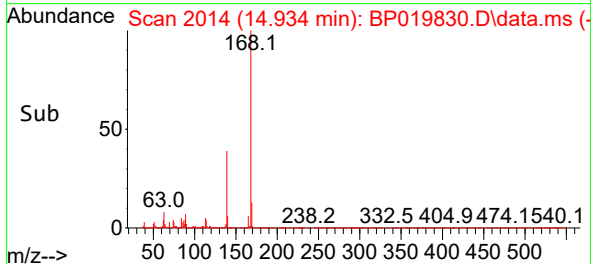
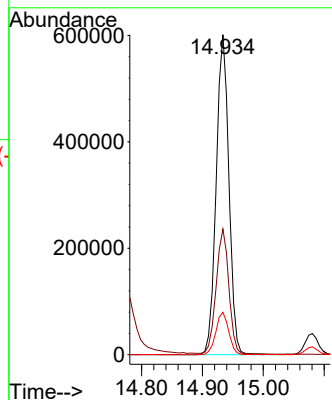
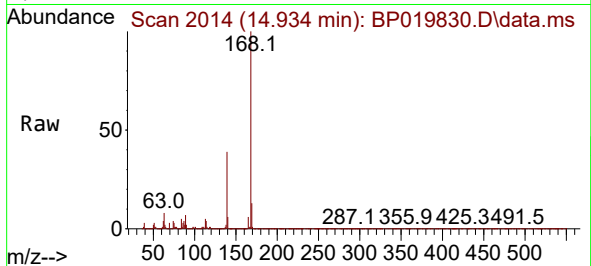




#55
Dibenzofuran
Concen: 40.139 ng
RT: 14.934 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

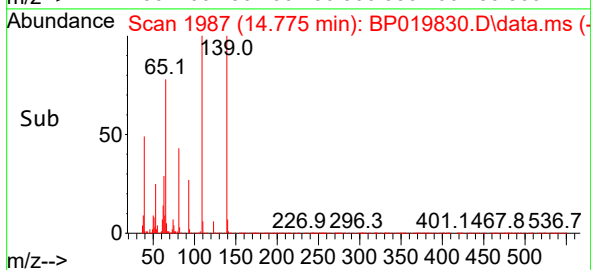
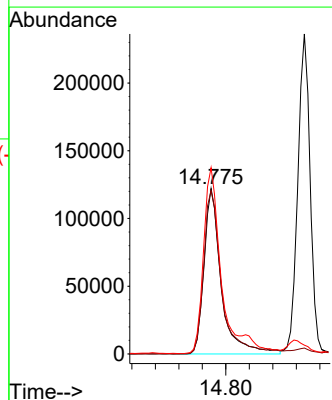
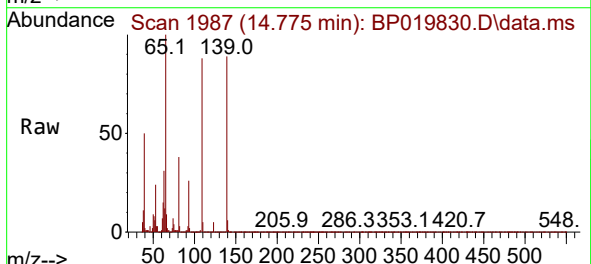
Instrument :
BNA_P
ClientSampleId :
336MS

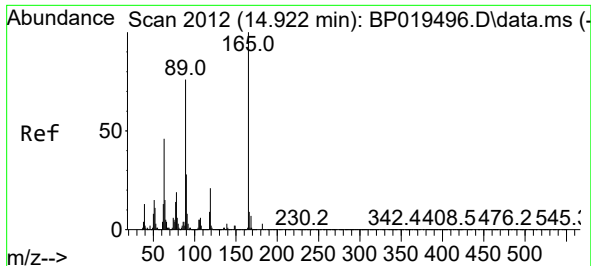
Tgt Ion:168 Resp: 871445
Ion Ratio Lower Upper
168 100
139 39.3 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 84.479 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:139 Resp: 250078
Ion Ratio Lower Upper
139 100
109 98.7 82.0 122.0
65 112.5 92.9 132.9

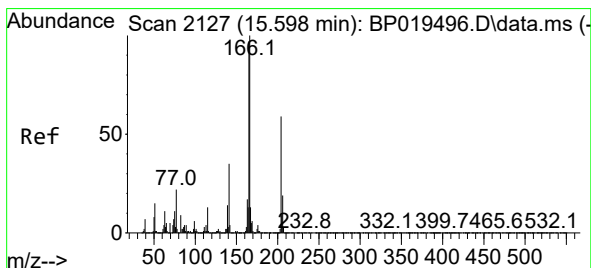
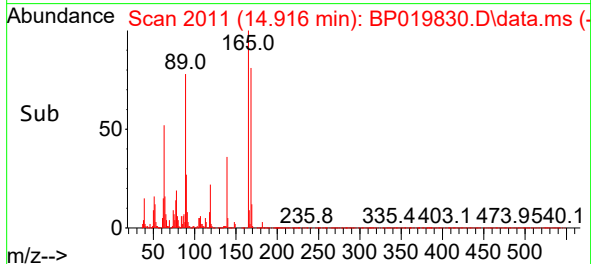
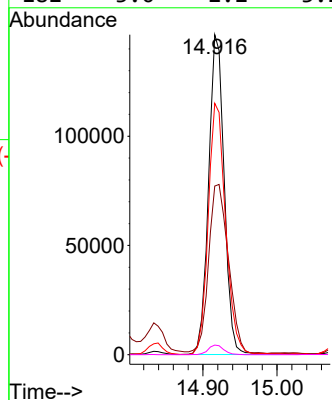
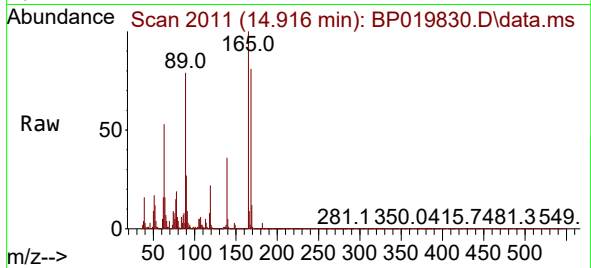




#57
2,4-Dinitrotoluene
Concen: 41.591 ng
RT: 14.916 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

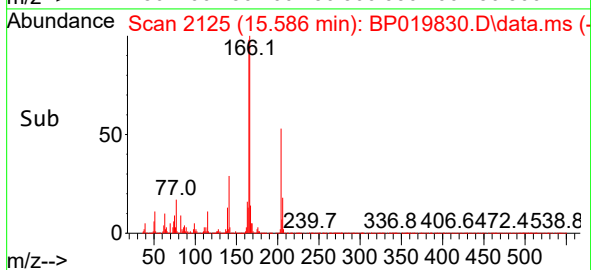
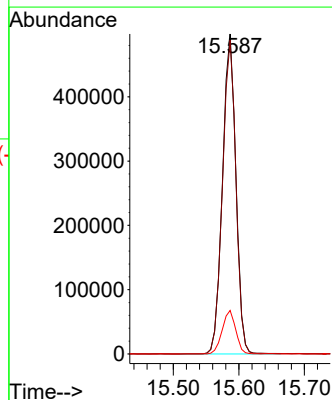
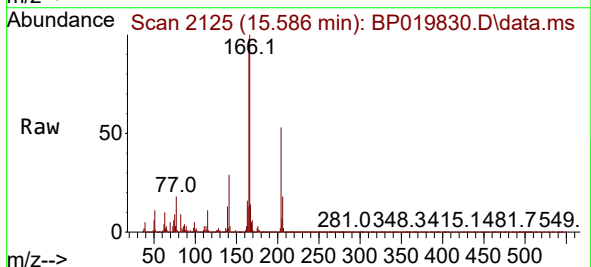
Instrument :
BNA_P
ClientSampleId :
336MS

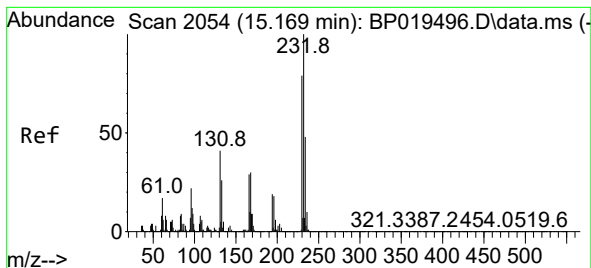
Tgt Ion:165 Resp: 214191
Ion Ratio Lower Upper
165 100
63 52.7 36.9 55.3
89 78.5 61.1 91.7
182 3.0 2.2 3.2



#58
Fluorene
Concen: 40.594 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:166 Resp: 701964
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.6 10.7 16.1

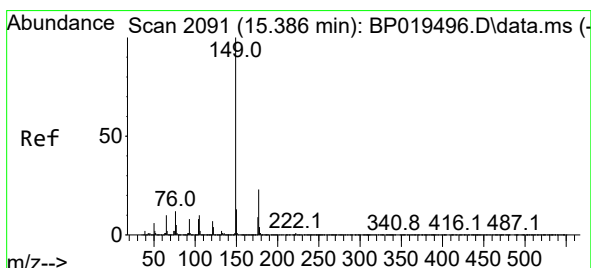
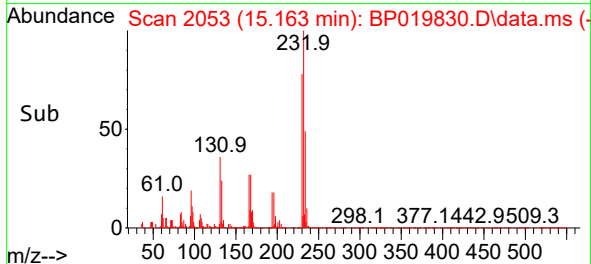
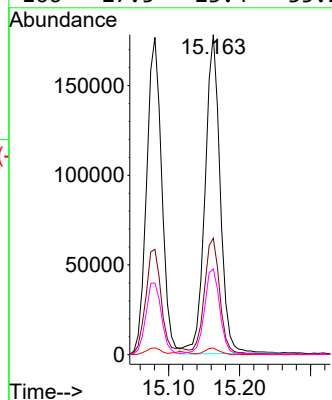
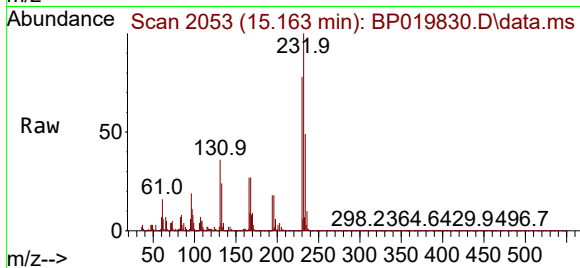




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.442 ng
RT: 15.163 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

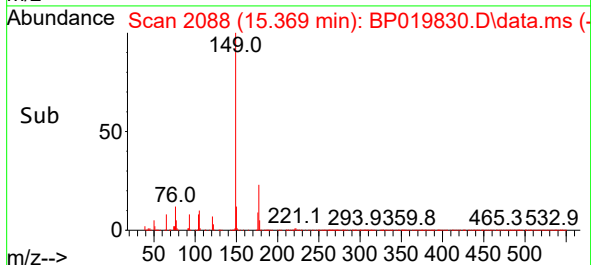
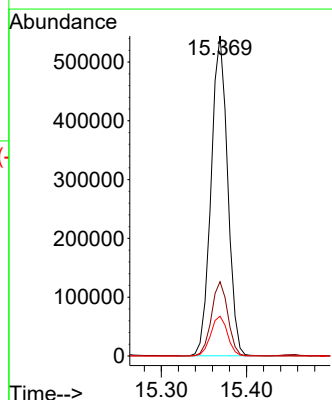
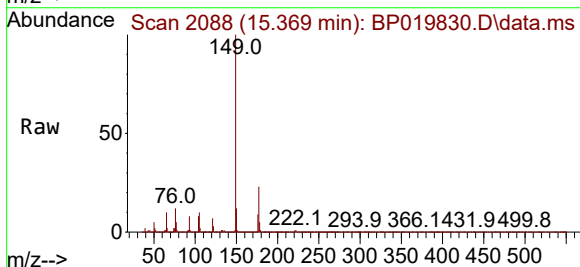
Instrument :
BNA_P
ClientSampleId :
336MS

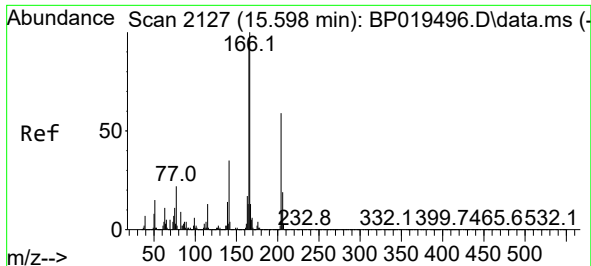
Tgt Ion:	232	Resp:	264300
Ion	Ratio	Lower	Upper
232	100		
131	37.1	32.4	48.6
130	2.0	1.9	2.9
166	27.5	23.4	35.2



#60
Diethylphthalate
Concen: 41.241 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:	149	Resp:	733755
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.2	27.2
150	12.4	10.2	15.4

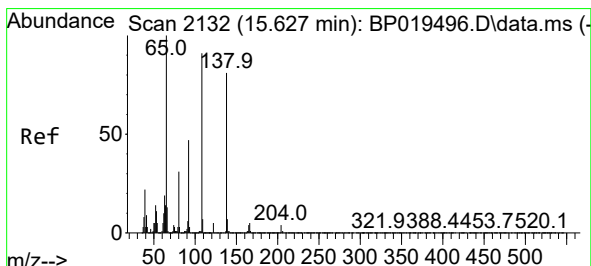
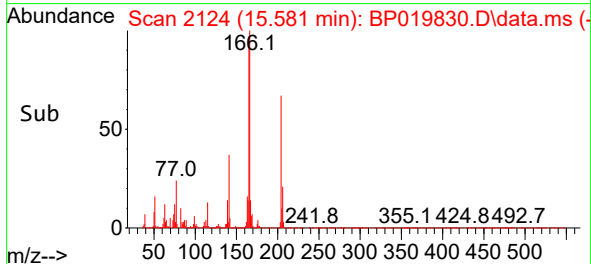
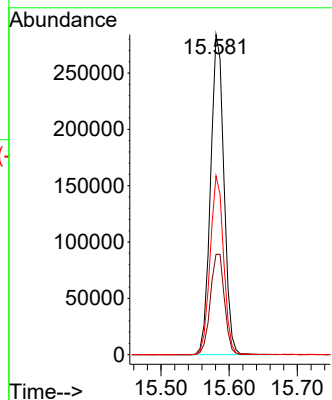
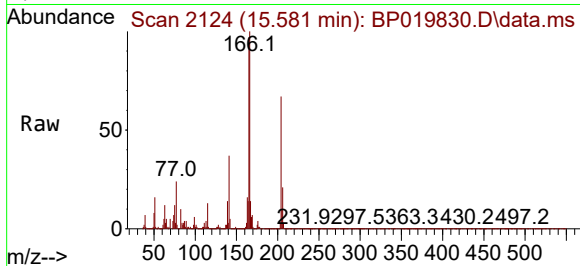




#61
4-Chlorophenyl-phenylether
Concen: 39.915 ng
RT: 15.581 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

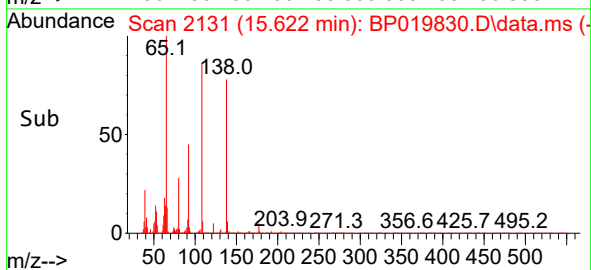
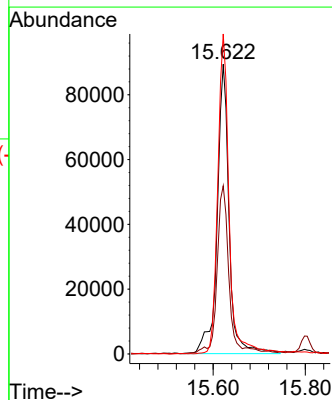
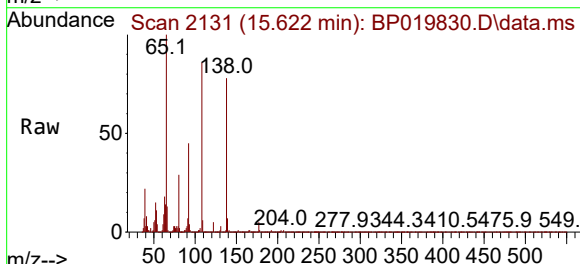
Instrument :
BNA_P
ClientSampleId :
336MS

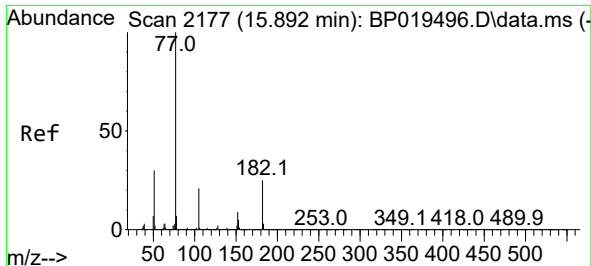
Tgt Ion:204 Resp: 387939
Ion Ratio Lower Upper
204 100
206 31.4 26.5 39.7
141 55.9 48.5 72.7



#62
4-Nitroaniline
Concen: 42.219 ng
RT: 15.622 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:138 Resp: 159826
Ion Ratio Lower Upper
138 100
92 58.0 38.3 78.3
108 110.4 91.2 131.2

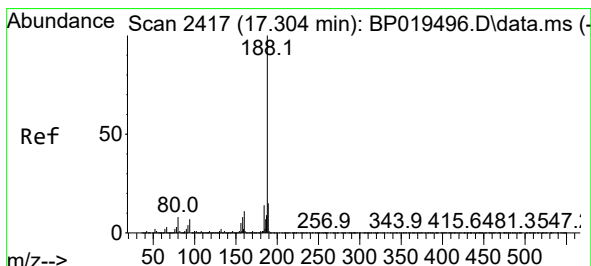
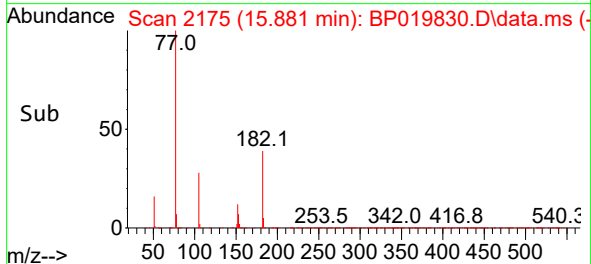
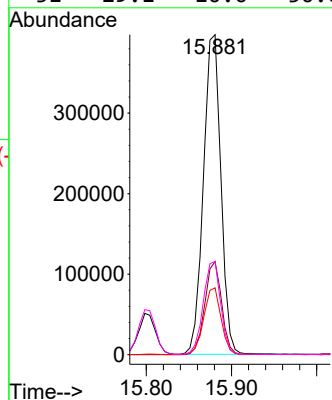
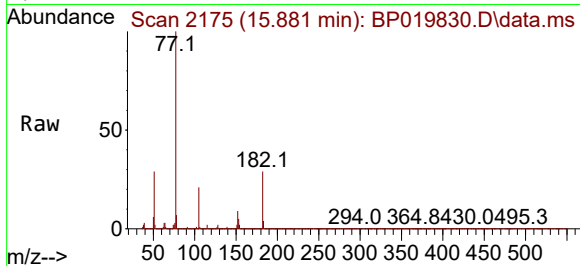




#63
Azobenzene
Concen: 32.893 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

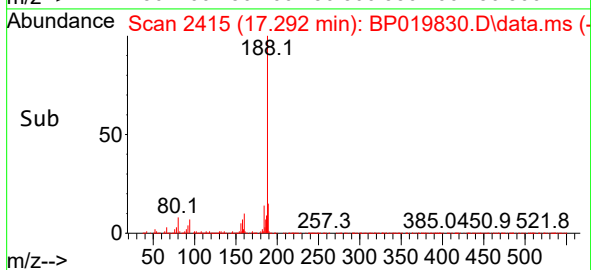
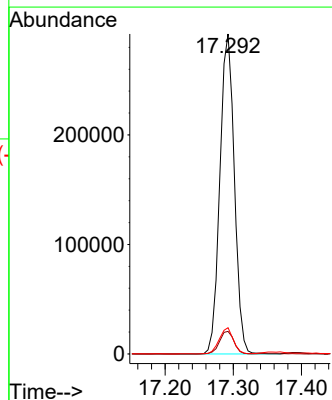
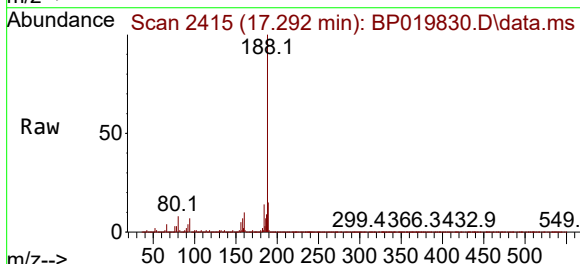
Instrument :
BNA_P
ClientSampleId :
336MS

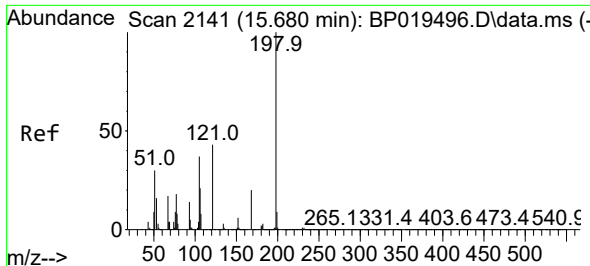
Tgt Ion: 77	Resp: 565922
Ion Ratio	Lower Upper
77 100	
182 29.1	5.1 45.1
105 20.9	0.8 40.8
51 29.1	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion: 188	Resp: 432460
Ion Ratio	Lower Upper
188 100	
94 7.0	5.4 8.2
80 8.2	6.3 9.5

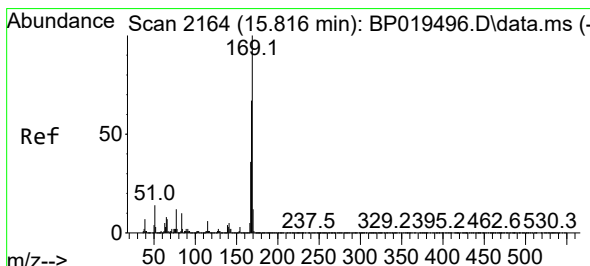
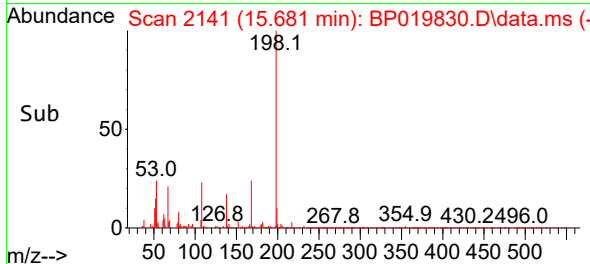
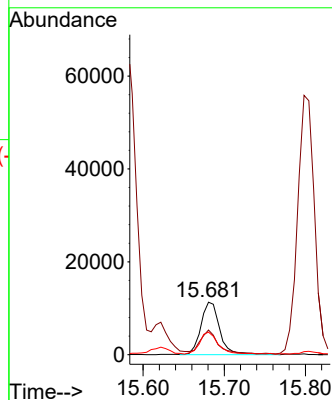
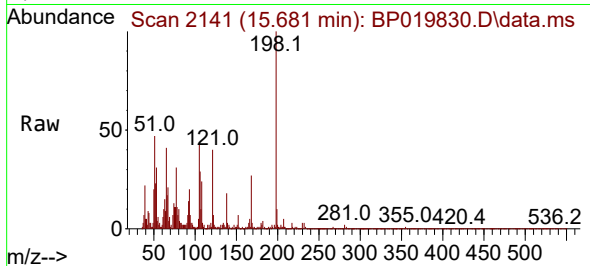




#65
4,6-Dinitro-2-methylphenol
Concen: 7.347 ng
RT: 15.681 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

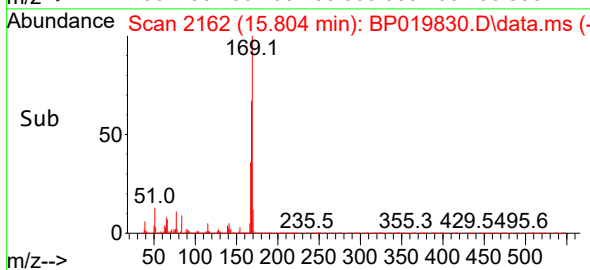
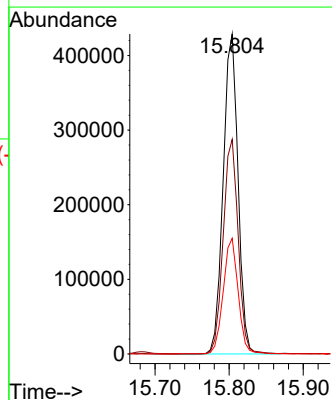
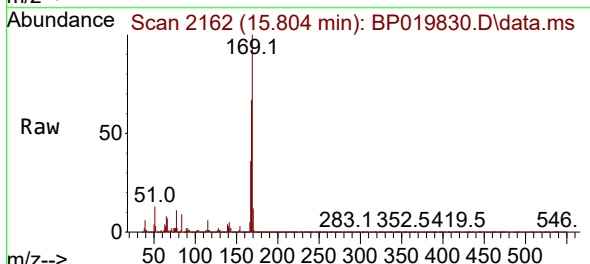
Instrument :
BNA_P
ClientSampleId :
336MS

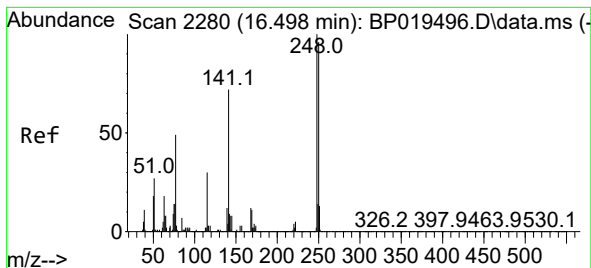
Tgt Ion:198 Resp: 18118
Ion Ratio Lower Upper
198 100
51 47.0 21.2 61.2
105 42.8 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 46.081 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:169 Resp: 596824
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.2 28.9 43.3

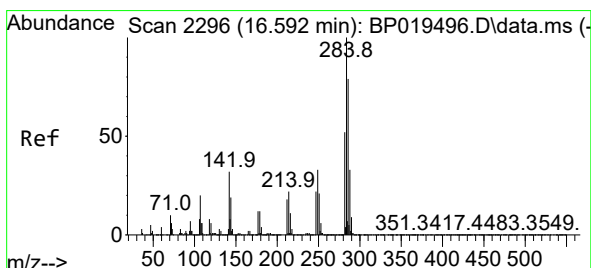
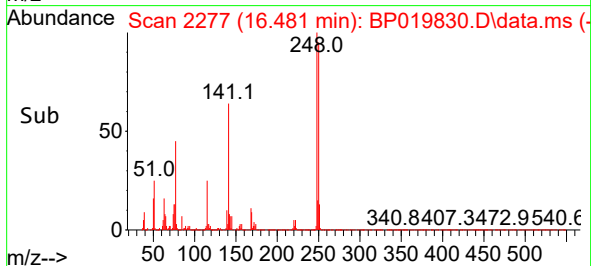
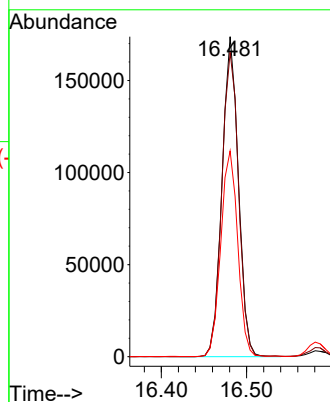
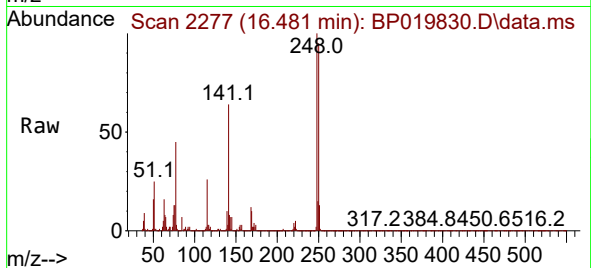




#67
4-Bromophenyl-phenylether
Concen: 42.810 ng
RT: 16.481 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

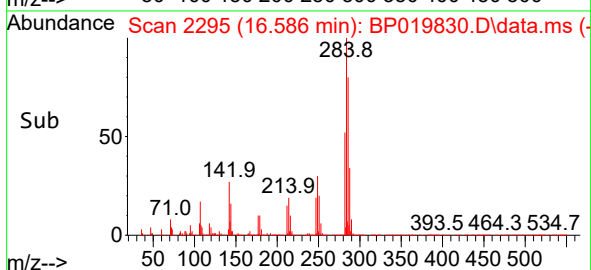
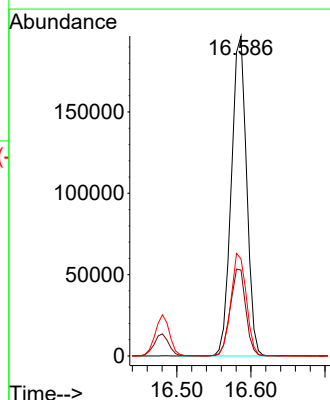
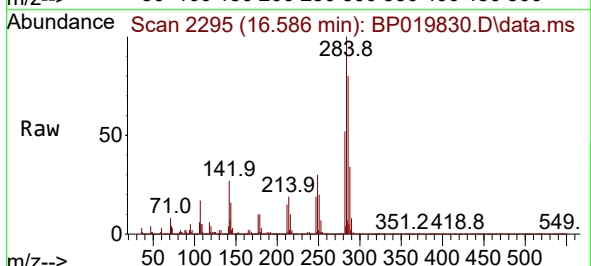
Instrument :
BNA_P
ClientSampleId :
336MS

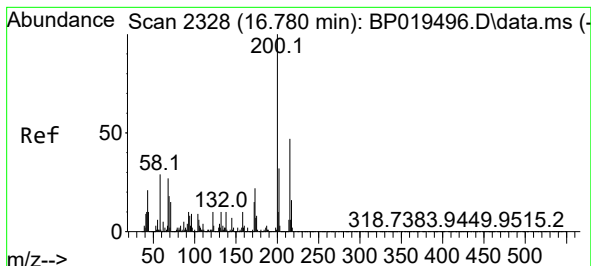
Tgt Ion:248 Resp: 231443
Ion Ratio Lower Upper
248 100
250 95.1 76.9 115.3
141 64.3 58.0 87.0



#68
Hexachlorobenzene
Concen: 44.511 ng
RT: 16.586 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP019830.D
Acq: 22 Feb 2024 18:22

Tgt Ion:284 Resp: 281011
Ion Ratio Lower Upper
284 100
142 26.9 25.4 38.2
249 30.4 26.5 39.7





#69

Atrazine

Concen: 51.611 ng

RT: 16.769 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

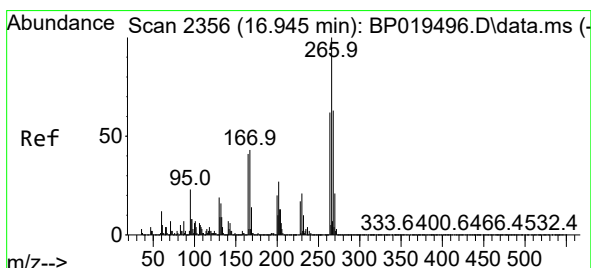
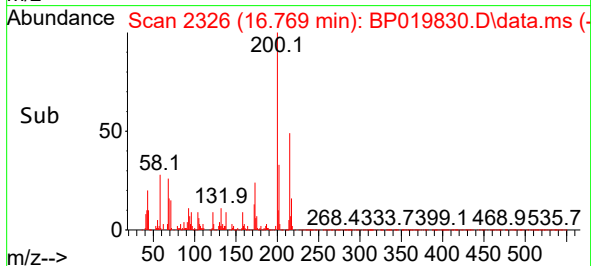
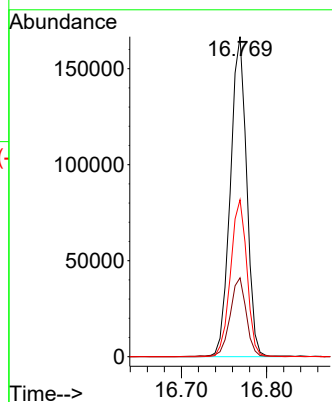
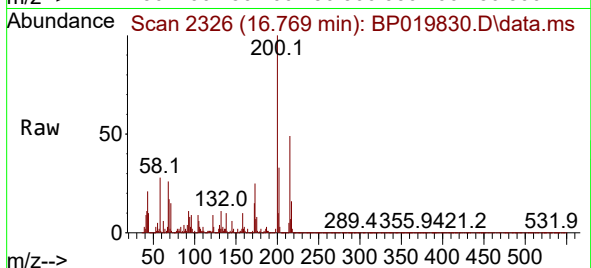
Tgt Ion:200 Resp: 221814

Ion Ratio Lower Upper

200 100

173 24.7 1.7 41.7

215 49.0 26.9 66.9



#70

Pentachlorophenol

Concen: 88.925 ng

RT: 16.939 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

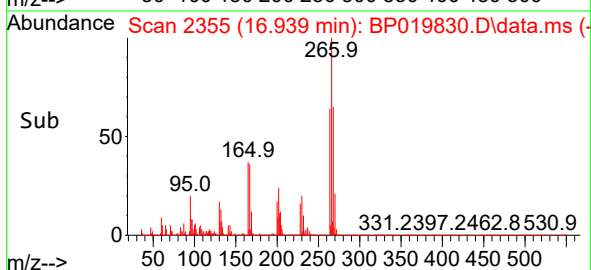
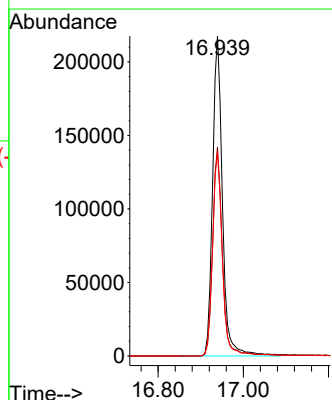
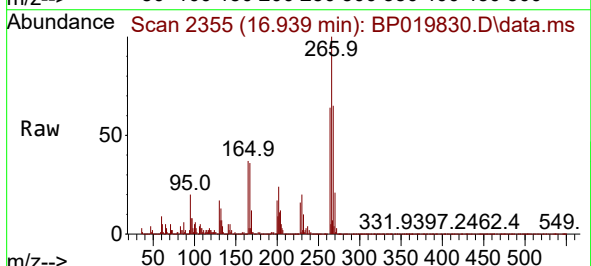
Tgt Ion:266 Resp: 349614

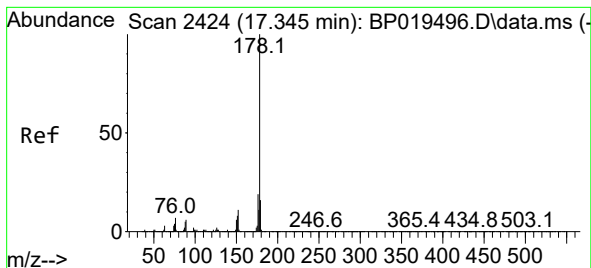
Ion Ratio Lower Upper

266 100

268 65.3 50.3 75.5

264 63.7 49.7 74.5





#71

Phenanthrene

Concen: 45.224 ng

RT: 17.333 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

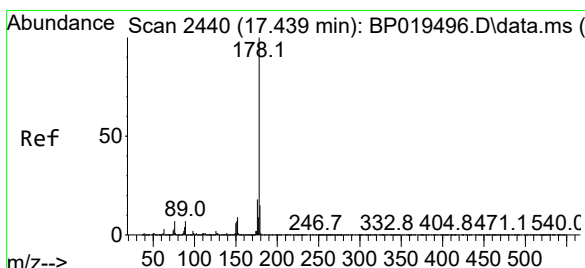
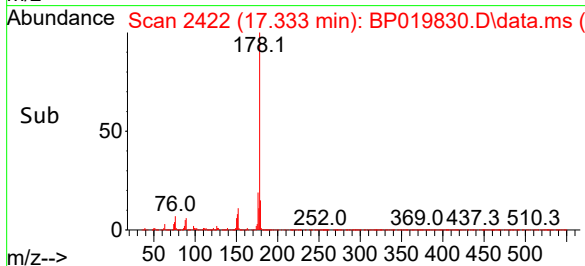
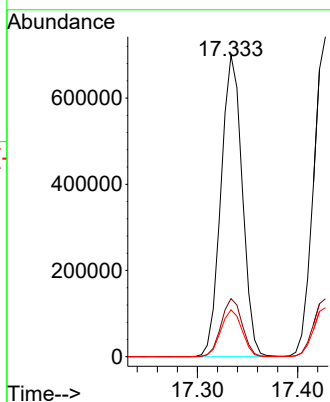
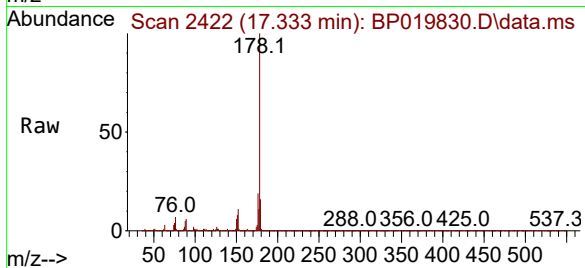
Tgt Ion:178 Resp: 1029243

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 47.187 ng

RT: 17.428 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

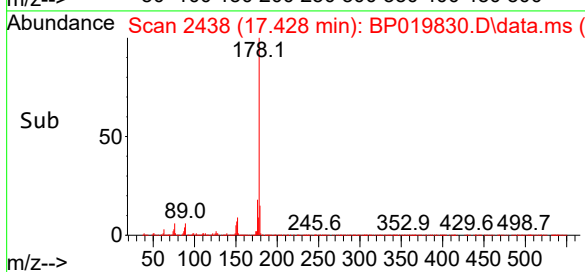
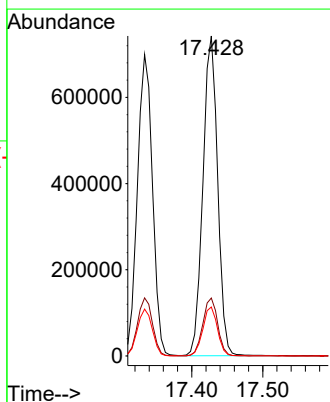
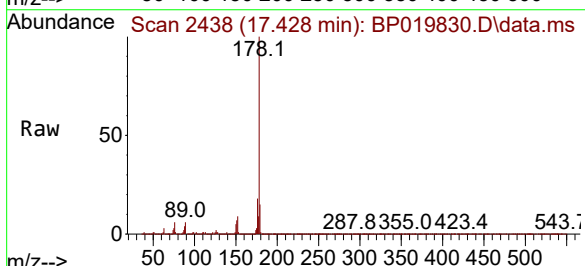
Tgt Ion:178 Resp: 1071312

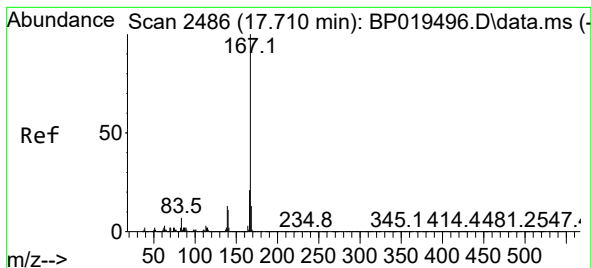
Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

179 15.3 12.2 18.2





#73

Carbazole

Concen: 46.748 ng

RT: 17.704 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

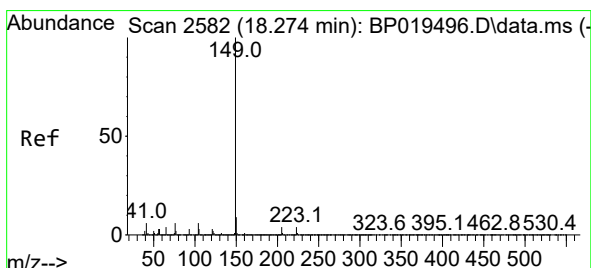
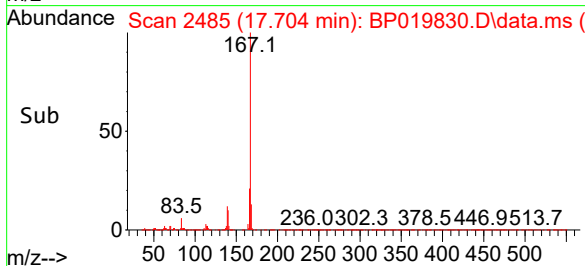
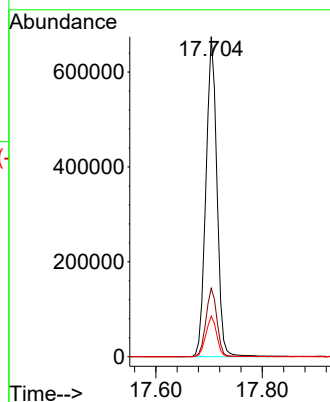
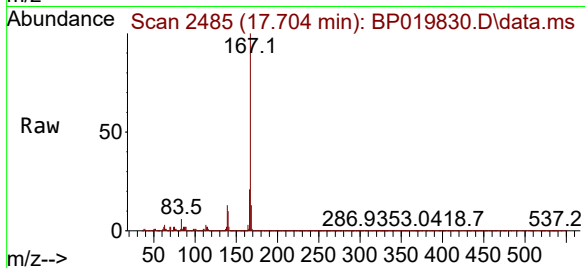
Tgt Ion:167 Resp: 964173

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 43.752 ng

RT: 18.257 min Scan# 2579

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

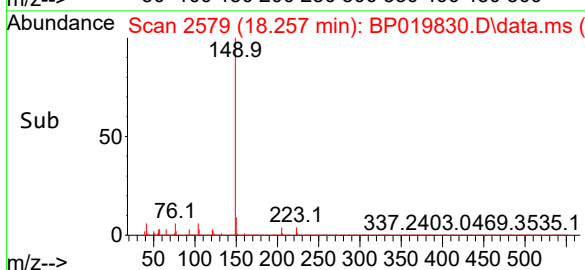
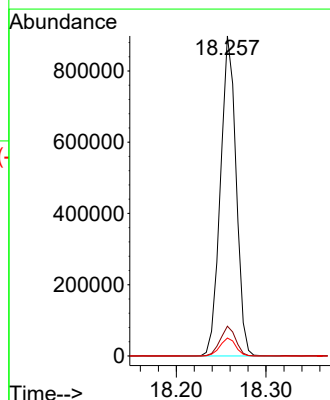
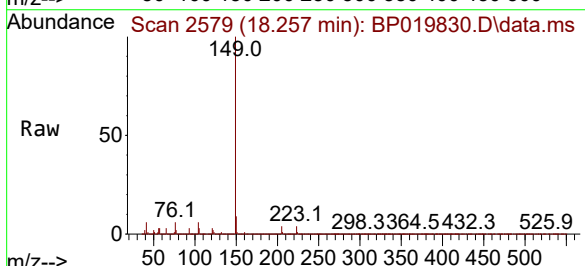
Tgt Ion:149 Resp: 1091073

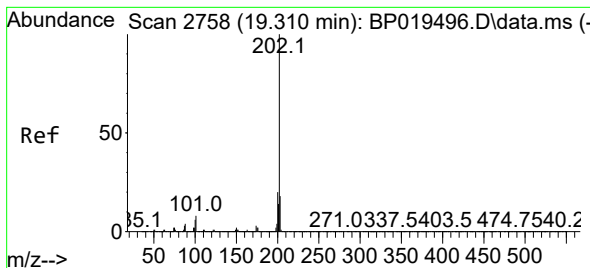
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.6 4.8 7.2





#75

Fluoranthene

Concen: 50.076 ng

RT: 19.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

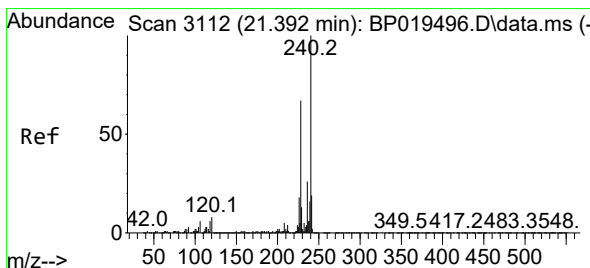
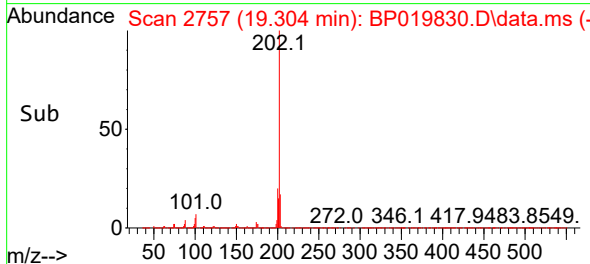
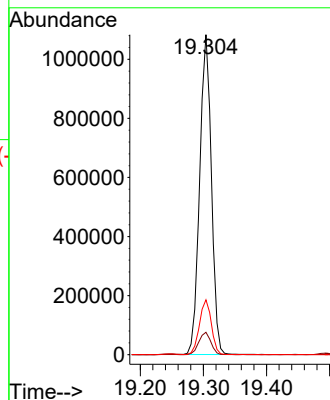
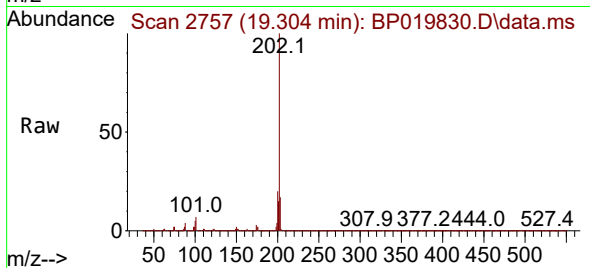
Tgt Ion:202 Resp: 1392227

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.7

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

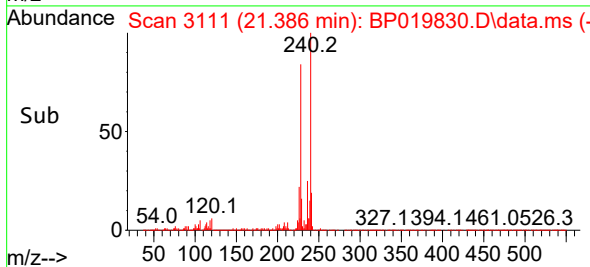
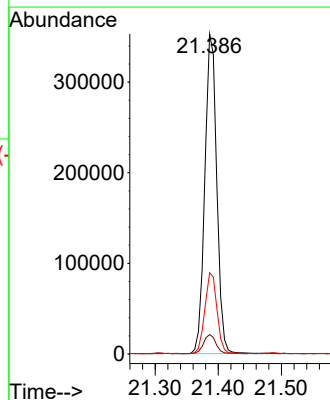
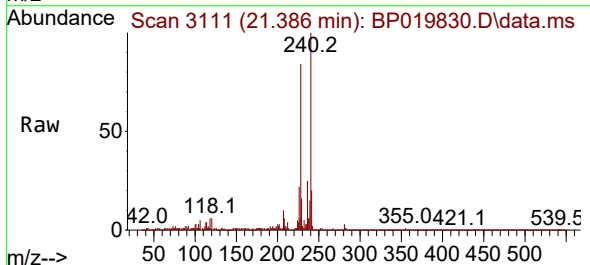
Tgt Ion:240 Resp: 464391

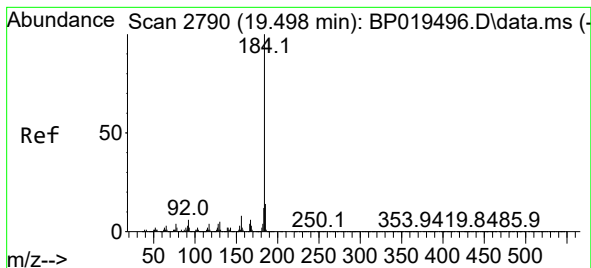
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1#

236 25.4 20.7 31.1





#77

Benzidine

Concen: 89.234 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

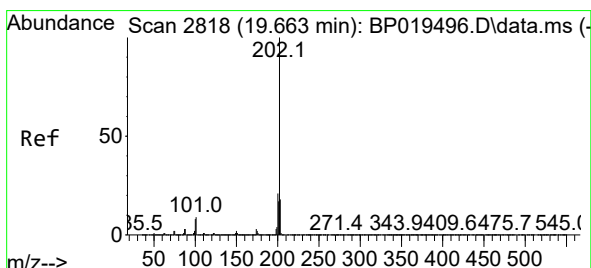
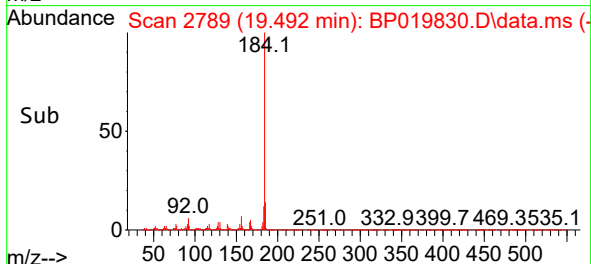
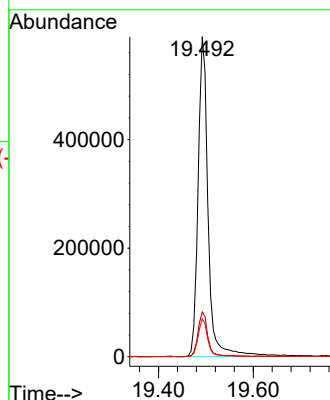
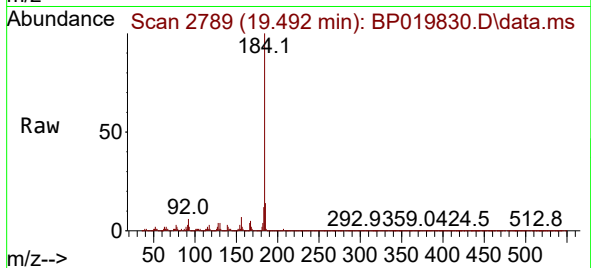
Tgt Ion:184 Resp: 866362

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 11.9 9.7 14.5



#78

Pyrene

Concen: 43.883 ng

RT: 19.657 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

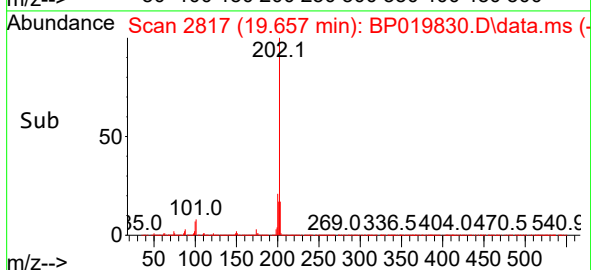
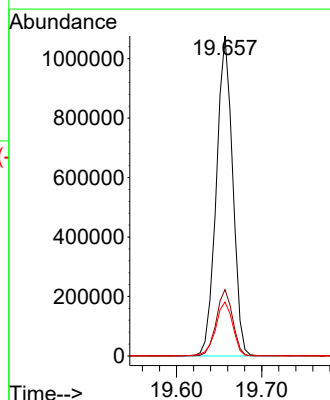
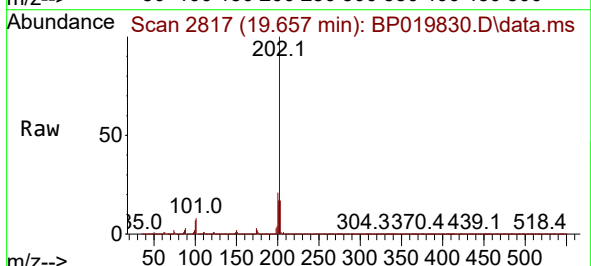
Tgt Ion:202 Resp: 1438246

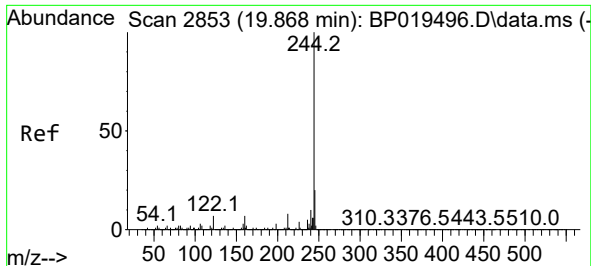
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 16.9 14.2 21.2

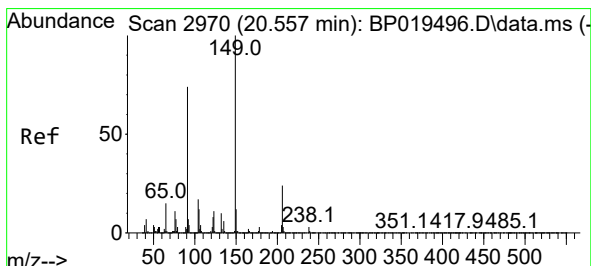
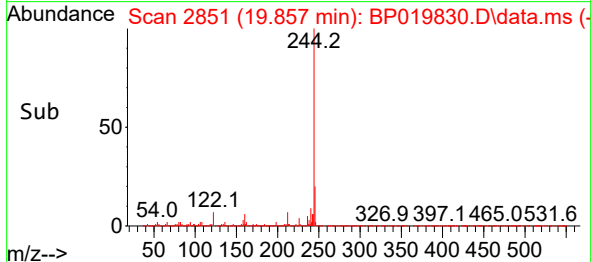
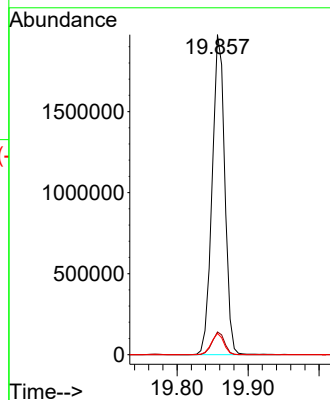
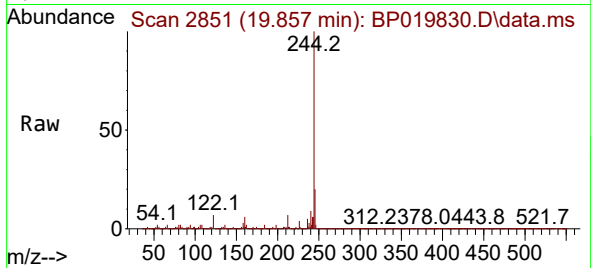




#79
 Terphenyl-d14
 Concen: 86.398 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019830.D
 Acq: 22 Feb 2024 18:22

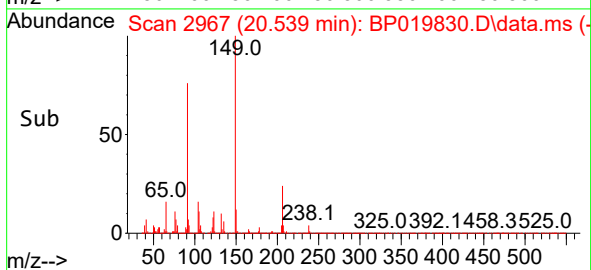
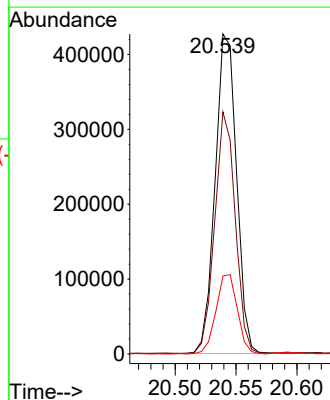
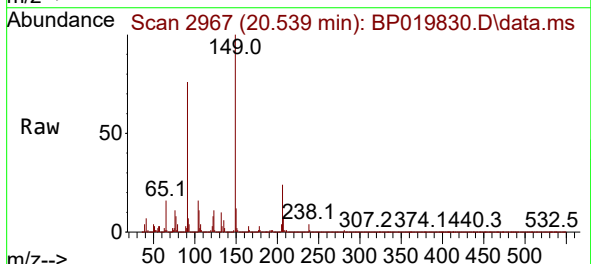
Instrument :
 BNA_P
 ClientSampleId :
 336MS

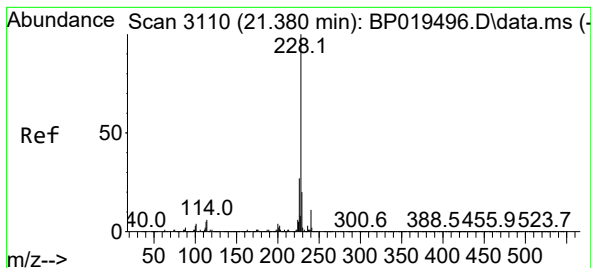
Tgt Ion:244 Resp: 2439745
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.6 5.9 8.9



#80
 Butylbenzylphthalate
 Concen: 42.758 ng
 RT: 20.539 min Scan# 2967
 Delta R.T. -0.006 min
 Lab File: BP019830.D
 Acq: 22 Feb 2024 18:22

Tgt Ion:149 Resp: 523334
 Ion Ratio Lower Upper
 149 100
 91 75.7 59.4 89.0
 206 24.3 19.0 28.6





#81

Benzo(a)anthracene

Concen: 45.135 ng

RT: 21.374 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

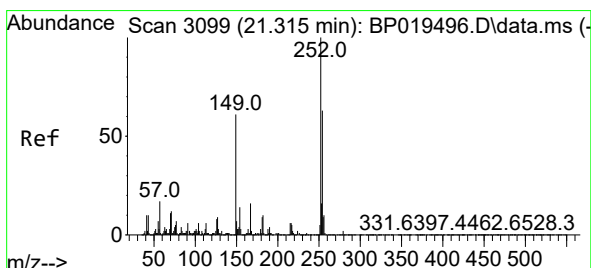
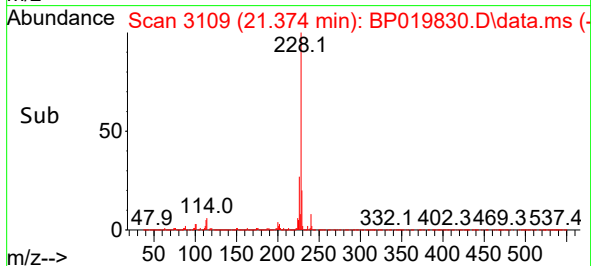
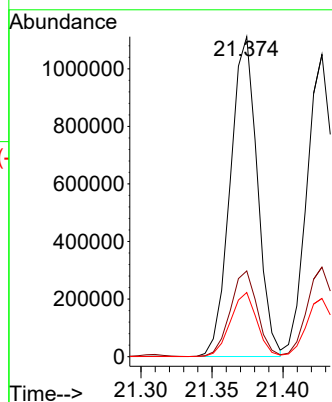
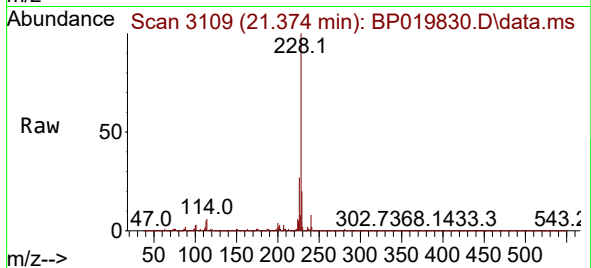
Tgt Ion:228 Resp: 1475443

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.017 ng

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

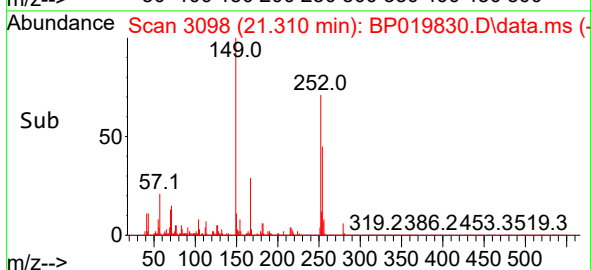
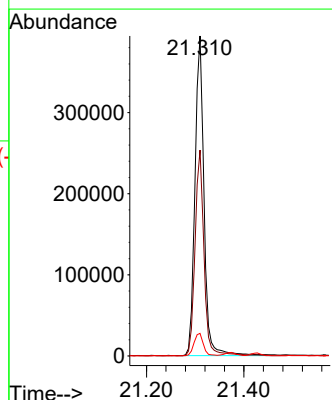
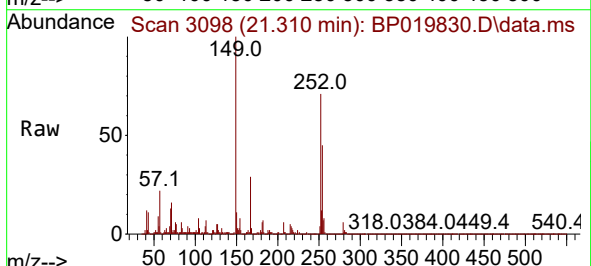
Tgt Ion:252 Resp: 512428

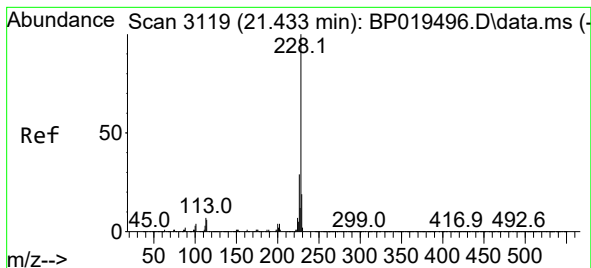
Ion Ratio Lower Upper

252 100

254 64.4 50.7 76.1

126 7.0 6.4 9.6





#83

Chrysene

Concen: 44.558 ng

RT: 21.427 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

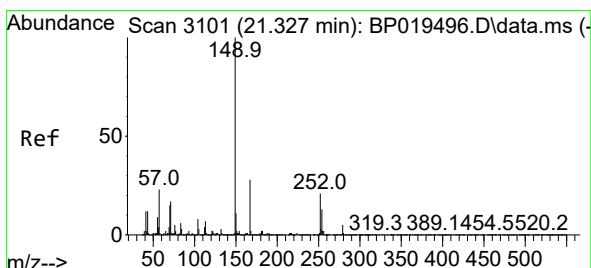
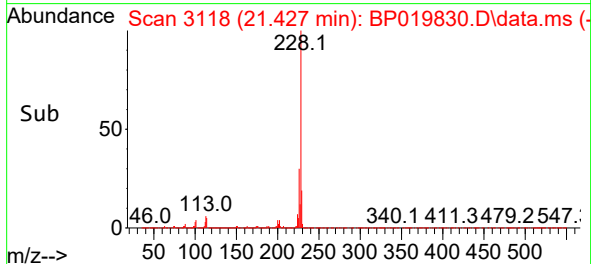
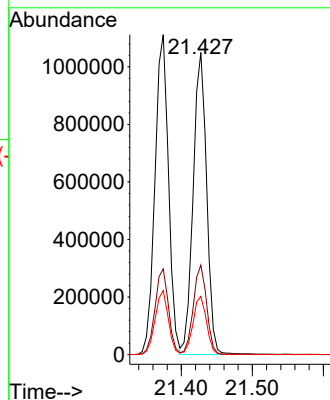
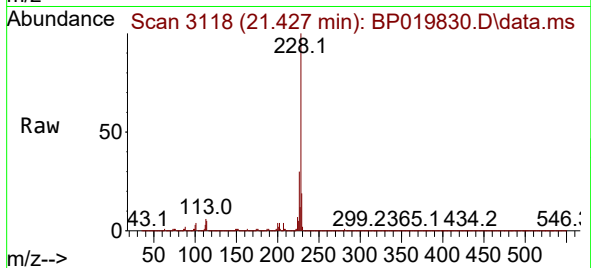
Tgt Ion:228 Resp: 1382887

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.163 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

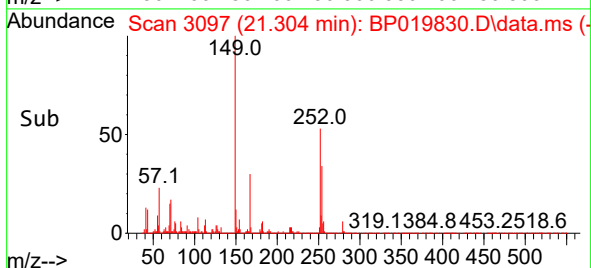
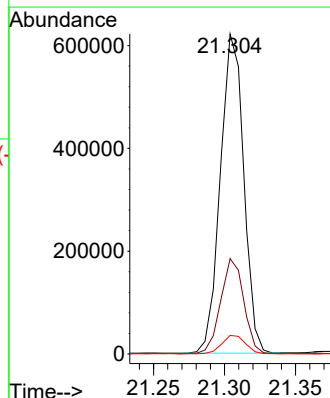
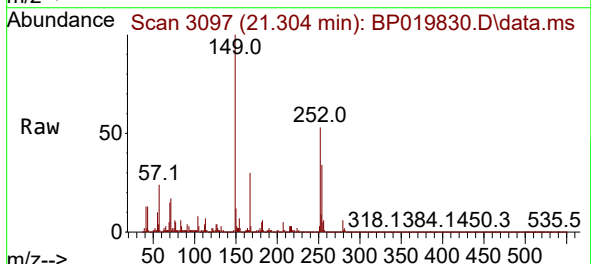
Tgt Ion:149 Resp: 711272

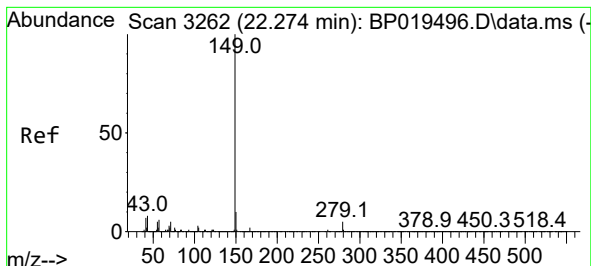
Ion Ratio Lower Upper

149 100

167 29.8 22.7 34.1

279 5.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 38.977 ng

RT: 22.245 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

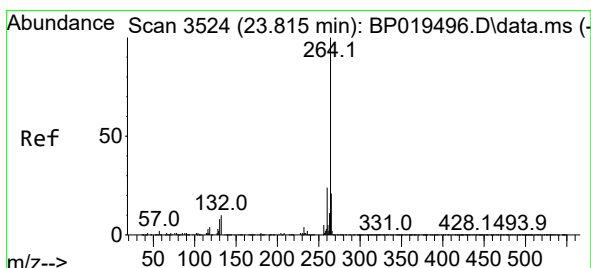
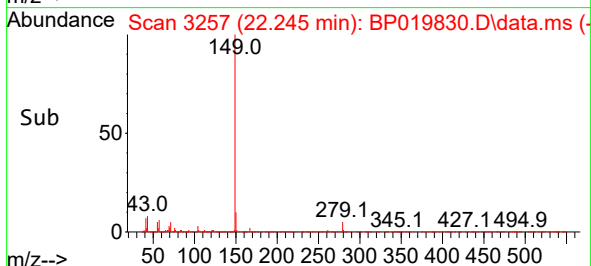
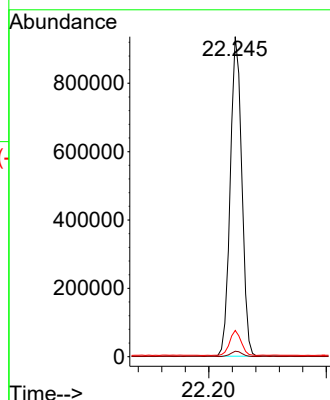
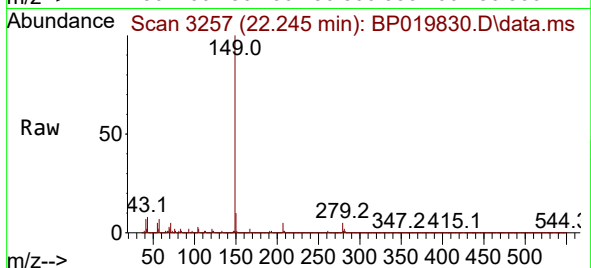
Tgt Ion:149 Resp: 1278137

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.810 min Scan# 3523

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

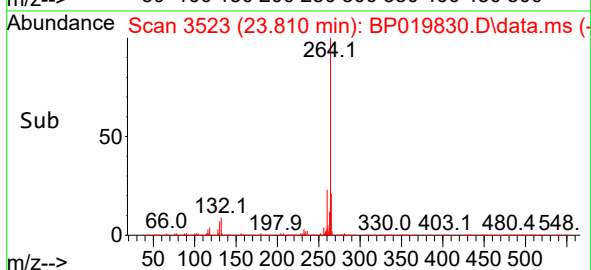
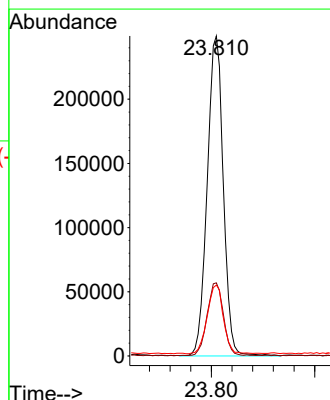
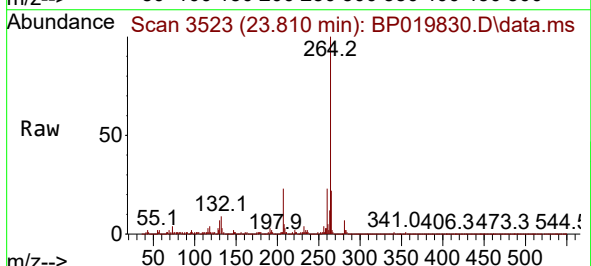
Tgt Ion:264 Resp: 538557

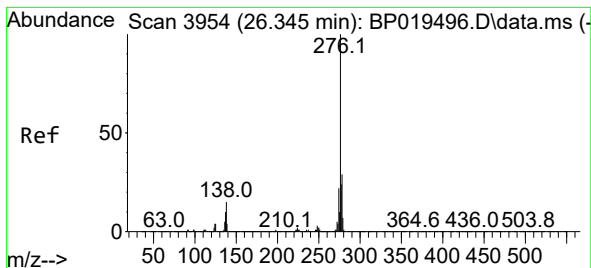
Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.980 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

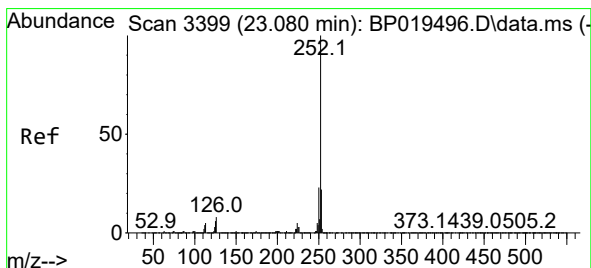
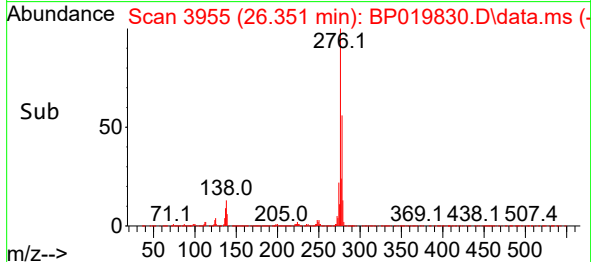
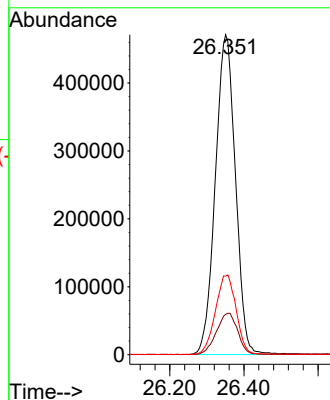
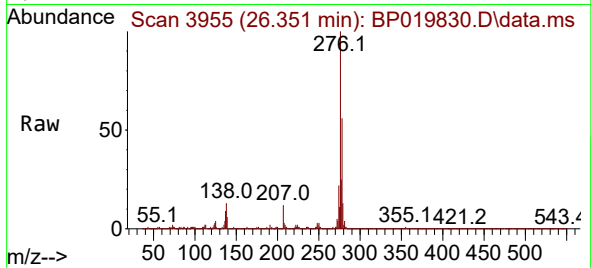
Tgt Ion:276 Resp: 1771826

Ion Ratio Lower Upper

276 100

138 13.6 13.1 19.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.865 ng

RT: 23.074 min Scan# 3398

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

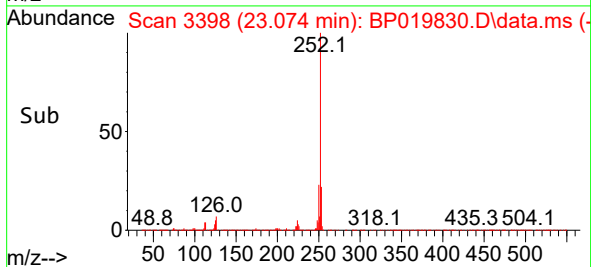
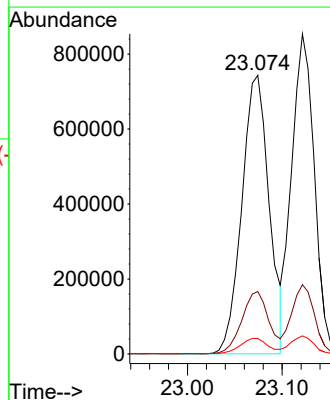
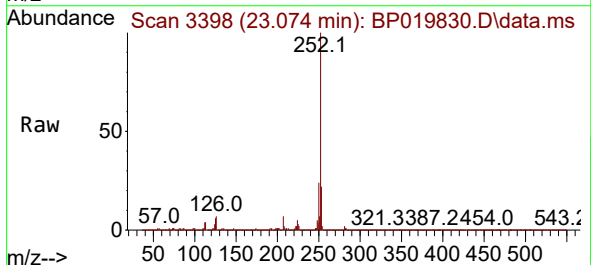
Tgt Ion:252 Resp: 1488894

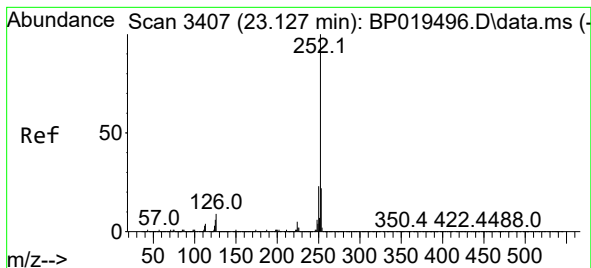
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 5.5 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 43.802 ng

RT: 23.121 min Scan# 3407

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

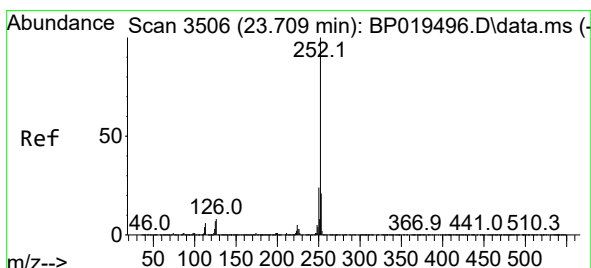
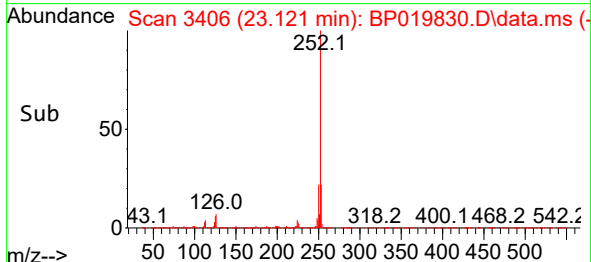
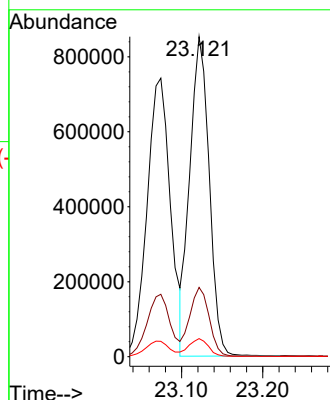
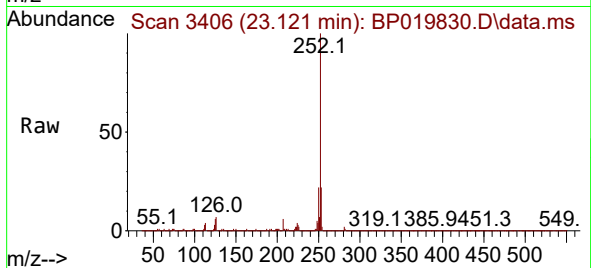
Tgt Ion:252 Resp: 1420215

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 5.6 5.0 7.6



#90

Benzo(a)pyrene

Concen: 44.519 ng

RT: 23.704 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

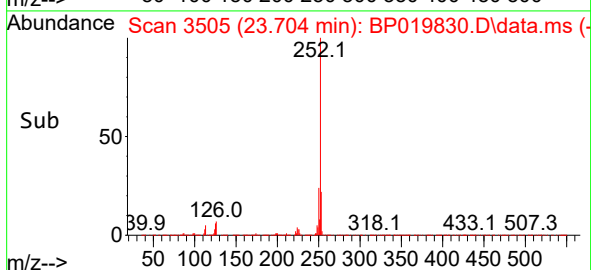
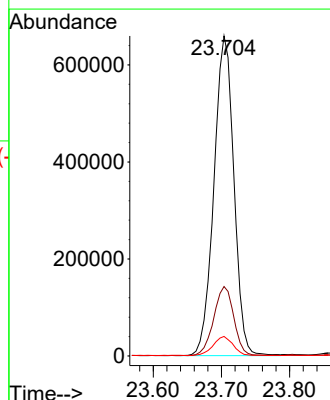
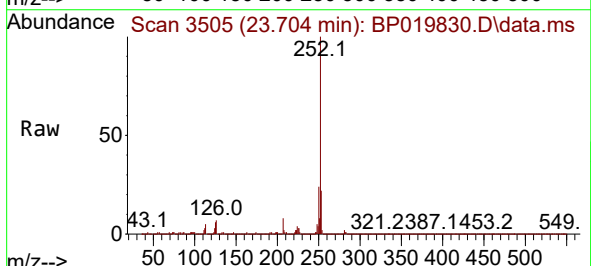
Tgt Ion:252 Resp: 1344540

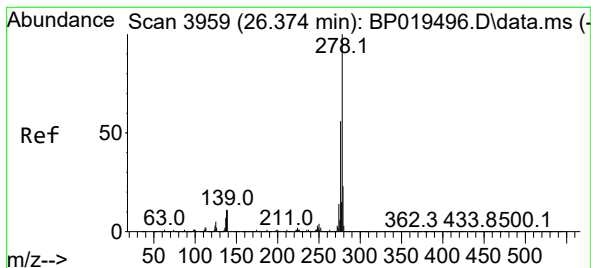
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 6.1 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 43.446 ng

RT: 26.374 min Scan# 3959

Delta R.T. 0.006 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Instrument :

BNA_P

ClientSampleId :

336MS

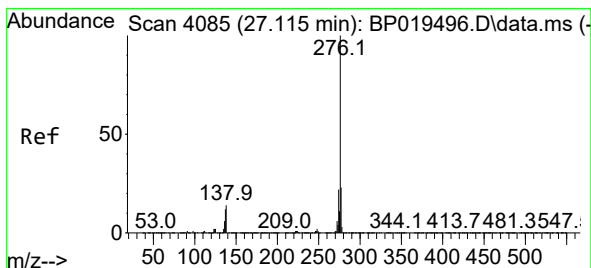
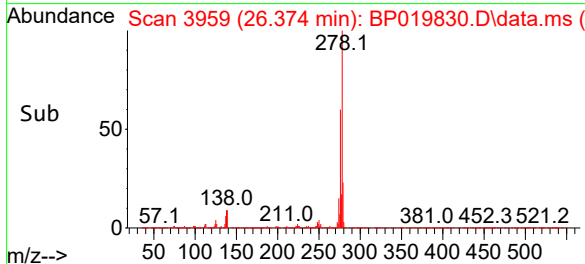
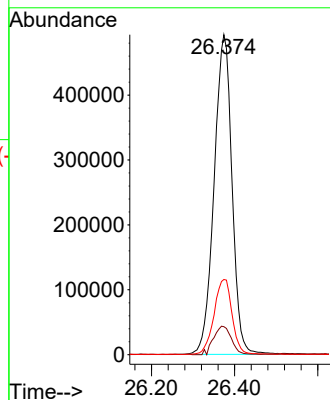
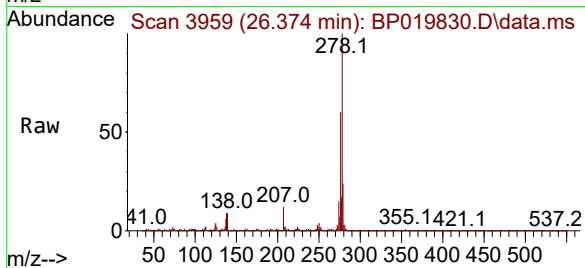
Tgt Ion:278 Resp: 1473045

Ion Ratio Lower Upper

278 100

139 8.8 8.6 12.8

279 23.5 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 40.037 ng

RT: 27.133 min Scan# 4088

Delta R.T. 0.012 min

Lab File: BP019830.D

Acq: 22 Feb 2024 18:22

Tgt Ion:276 Resp: 1377154

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 11.1 10.9 16.3

