

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020617.D
 Acq On : 13 Jun 2024 18:50
 Operator : MA/JU
 Sample : P2864-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-HMS

Quant Time: Jun 13 23:36:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	225134	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	883591	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	579452	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	1216876	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1087842	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1307447	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1458236	115.971	ng	0.00
7) Phenol-d6	6.934	99	1927033	108.671	ng	0.00
23) Nitrobenzene-d5	8.904	82	1164393	72.136	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	914320	152.042	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	2772237	71.320	ng	-0.02
79) Terphenyl-d14	19.922	244	4283067	65.544	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	185081	36.428	ng	95
3) Pyridine	3.711	79	489408	34.260	ng	94
4) n-Nitrosodimethylamine	3.622	42	259863	37.453	ng	94
6) Aniline	7.087	93	383555	21.346	ng	98
8) 2-Chlorophenol	7.322	128	654290	46.418	ng	97
9) Benzaldehyde	6.910	77	46877	4.121	ng	97
10) Phenol	6.957	94	794336	43.732	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	594486	39.686	ng	97
12) 1,3-Dichlorobenzene	7.640	146	697444	41.996	ng	98
13) 1,4-Dichlorobenzene	7.787	146	722117	42.781	ng	99
14) 1,2-Dichlorobenzene	8.099	146	694554	42.637	ng	99
15) Benzyl Alcohol	7.993	79	563447	43.016	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	831768	37.192	ng	97
17) 2-Methylphenol	8.193	107	531089	43.086	ng	99
18) Hexachloroethane	8.816	117	263516	42.755	ng	92
19) n-Nitroso-di-n-propyla...	8.552	70	463045	38.251	ng	94
20) 3+4-Methylphenols	8.516	107	732000	43.661	ng	100
22) Acetophenone	8.569	105	937156	42.729	ng	# 97
24) Nitrobenzene	8.946	77	679303	41.467	ng	97
25) Isophorone	9.463	82	1276235	40.694	ng	99
26) 2-Nitrophenol	9.640	139	344383	52.736	ng	99
27) 2,4-Dimethylphenol	9.699	122	461113	48.668	ng	98
28) bis(2-Chloroethoxy)met...	9.940	93	783965	40.670	ng	100
29) 2,4-Dichlorophenol	10.169	162	624360	49.119	ng	97
30) 1,2,4-Trichlorobenzene	10.381	180	684434	45.356	ng	99
31) Naphthalene	10.569	128	1960202	43.396	ng	100
32) Benzoic acid	9.863	122	460863	50.743	ng	98
33) 4-Chloroaniline	10.687	127	352700	20.185	ng	98
34) Hexachlorobutadiene	10.840	225	427767	45.001	ng	99
35) Caprolactam	11.487	113	203945	43.782	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	679961	45.688	ng	99
37) 2-Methylnaphthalene	12.181	142	1373397	42.432	ng	98
38) 1-Methylnaphthalene	12.404	142	1293501	40.314	ng	98
40) 1,2,4,5-Tetrachloroben...	12.545	216	788083	47.006	ng	99
41) Hexachlorocyclopentadiene	12.522	237	486159	82.509	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	529776	52.276	ng	98

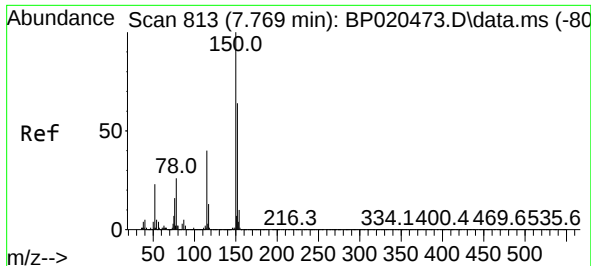
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	571829	48.909	ng	98
46) 1,1'-Biphenyl	13.204	154	1800156	44.020	ng	99
47) 2-Chloronaphthalene	13.245	162	1423730	43.794	ng	99
48) 2-Nitroaniline	13.451	65	429889	48.801	ng	98
49) Acenaphthylene	14.098	152	2291534	47.504	ng	100
50) Dimethylphthalate	13.834	163	1743281	42.680	ng	99
51) 2,6-Dinitrotoluene	13.963	165	394479	45.184	ng	92
52) Acenaphthene	14.445	154	1297525	42.642	ng	99
53) 3-Nitroaniline	14.292	138	300698	34.337	ng	96
54) 2,4-Dinitrophenol	14.498	184	303276	77.965	ng	94
55) Dibenzofuran	14.786	168	2159723	44.806	ng	99
56) 4-Nitrophenol	14.610	139	715014	105.550	ng	94
57) 2,4-Dinitrotoluene	14.757	165	556389	48.493	ng	93
58) Fluorene	15.451	166	1703761	44.029	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	519836	54.331	ng	96
60) Diethylphthalate	15.216	149	1765701	42.526	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	878746	44.007	ng	99
62) 4-Nitroaniline	15.481	138	406237	45.033	ng	98
63) Azobenzene	15.745	77	1645440	42.441	ng	96
65) 4,6-Dinitro-2-methylph...	15.539	198	229670	43.437	ng	93
66) n-Nitrosodiphenylamine	15.663	169	1520784	45.456	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	584159	46.923	ng	98
68) Hexachlorobenzene	16.475	284	677540	46.243	ng	99
69) Atrazine	16.645	200	571970	48.595	ng	100
70) Pentachlorophenol	16.828	266	906443	101.862	ng	99
71) Phenanthrene	17.233	178	2771041	46.324	ng	100
72) Anthracene	17.328	178	2750645	46.861	ng	99
73) Carbazole	17.604	167	2571889	45.298	ng	99
74) Di-n-butylphthalate	18.198	149	3165079	46.033	ng	99
75) Fluoranthene	19.322	202	3232181	45.673	ng	99
77) Benzidine	19.533	184	1514951	40.270	ng	98
78) Pyrene	19.704	202	3333558	40.740	ng	99
80) Butylbenzylphthalate	20.657	149	1434298	43.753	ng	93
81) Benzo(a)anthracene	21.621	228	3264039	45.569	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1074352	50.457	ng	99
83) Chrysene	21.686	228	3126726	46.326	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	2055236	44.133	ng	99
85) Di-n-octyl phthalate	22.845	149	3501657	51.734	ng	96
87) Indeno(1,2,3-cd)pyrene	28.821	276	4099089	51.558	ng	# 91
88) Benzo(b)fluoranthene	23.933	252	3334321	40.936	ng	99
89) Benzo(k)fluoranthene	24.004	252	3287397	41.381	ng	99
90) Benzo(a)pyrene	24.851	252	3127746	46.367	ng	99
91) Dibenzo(a,h)anthracene	28.903	278	3286430	49.558	ng	99
92) Benzo(g,h,i)perylene	29.986	276	3160338	47.679	ng	97

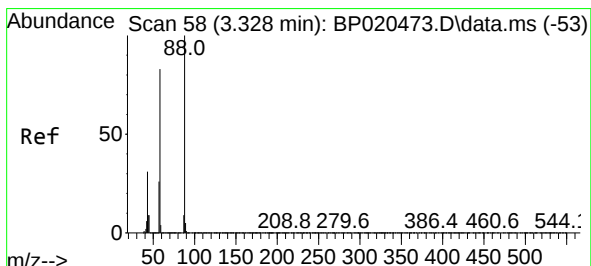
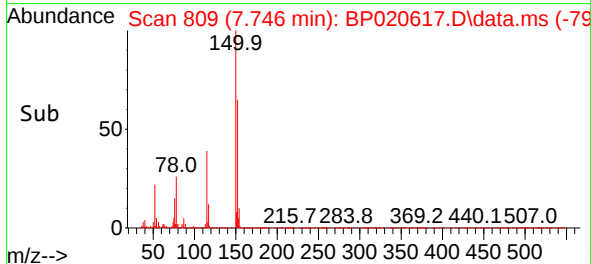
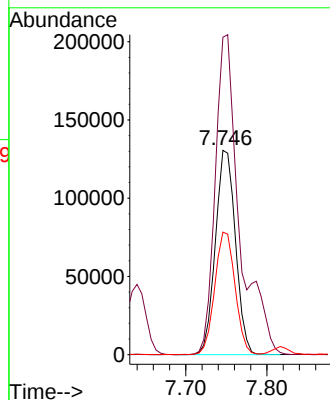
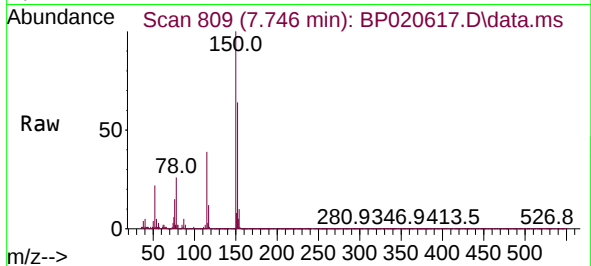
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

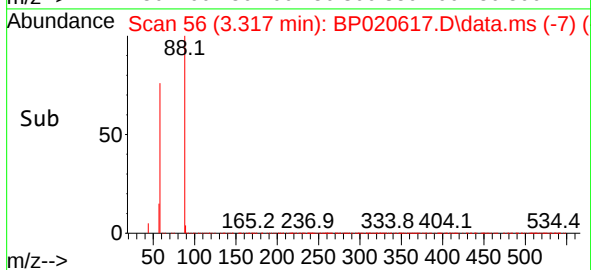
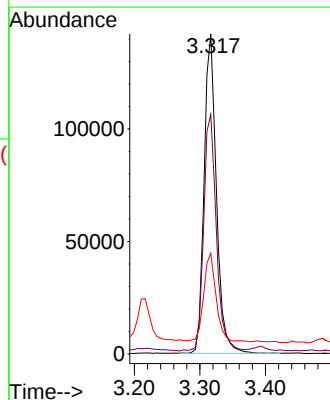
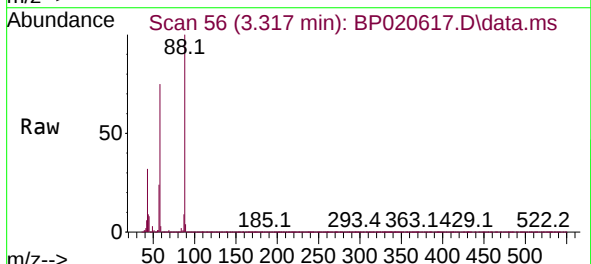
Instrument :
BNA_P
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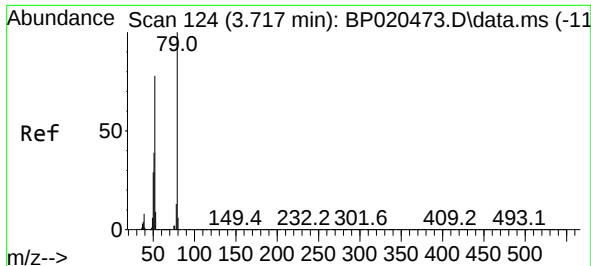
Tgt Ion:152 Resp: 225134
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 60.0 49.5 74.3



#2
1,4-Dioxane
Concen: 36.428 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 88 Resp: 185081
Ion Ratio Lower Upper
88 100
58 76.2 64.6 97.0
43 27.9 24.5 36.7

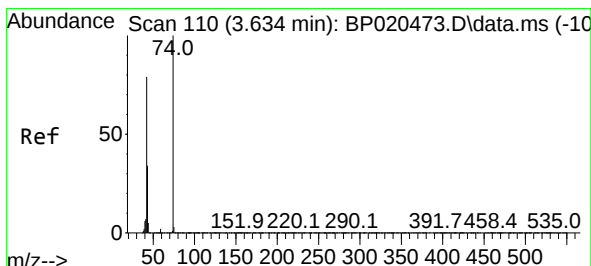
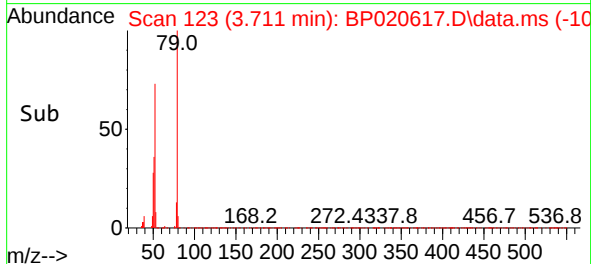
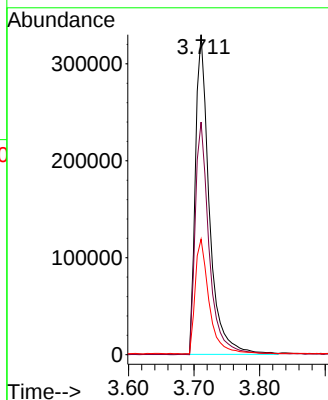
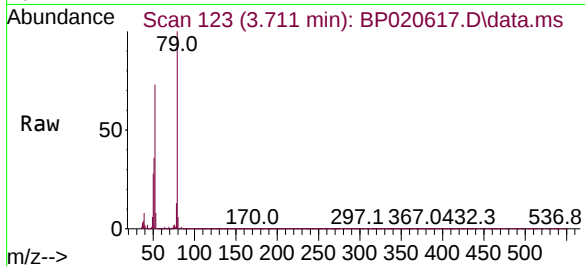




#3
Pyridine
Concen: 34.260 ng
RT: 3.711 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

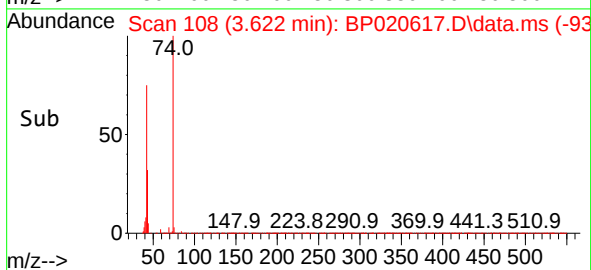
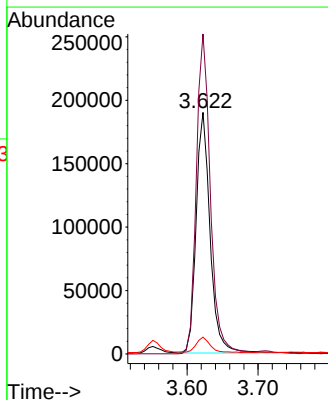
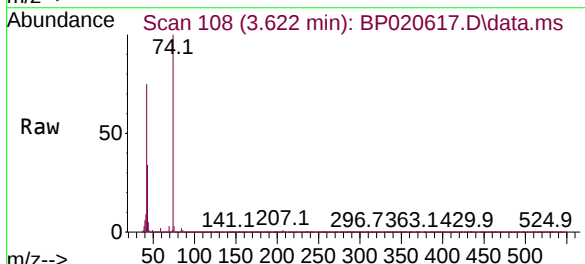
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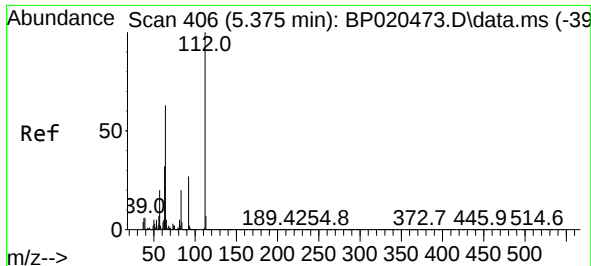
Tgt Ion: 79 Resp: 489408
Ion Ratio Lower Upper
79 100
52 72.7 62.6 94.0
51 36.1 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 37.453 ng
RT: 3.622 min Scan# 108
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 42 Resp: 259863
Ion Ratio Lower Upper
42 100
74 132.5 100.6 151.0
44 6.9 5.8 8.8

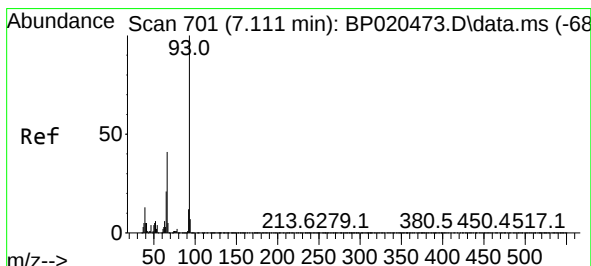
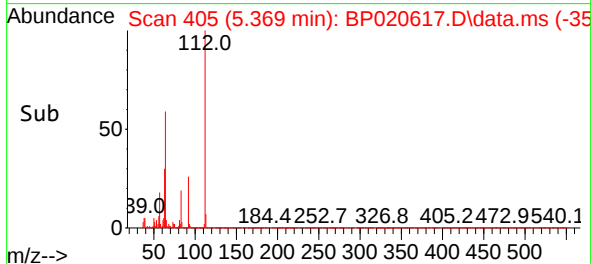
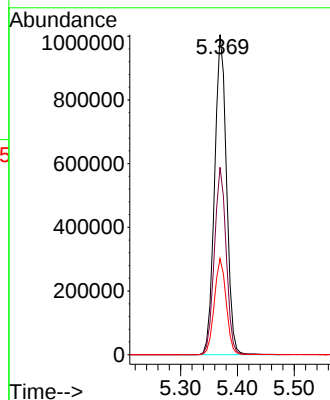
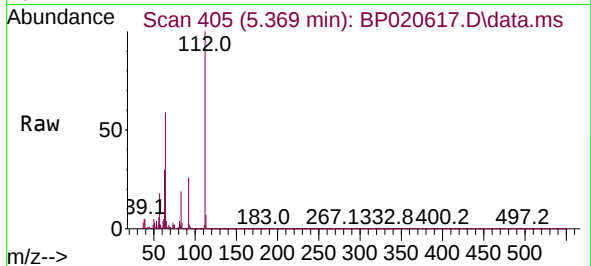




#5
2-Fluorophenol
Concen: 115.971 ng
RT: 5.369 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

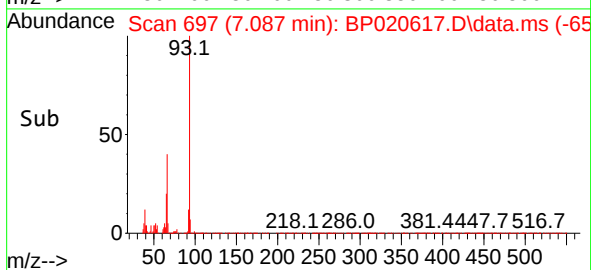
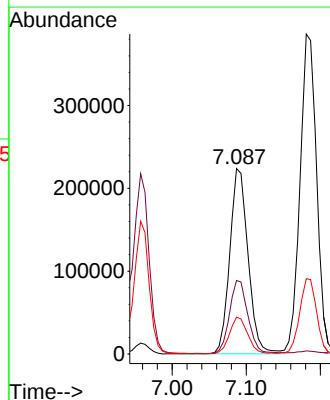
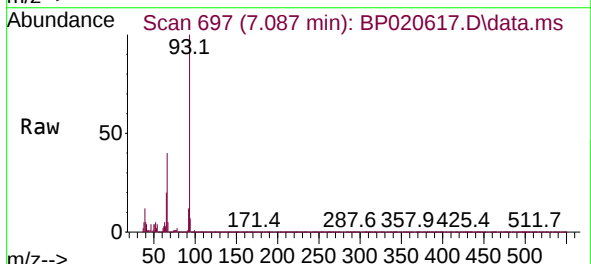
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ClientSampleId :
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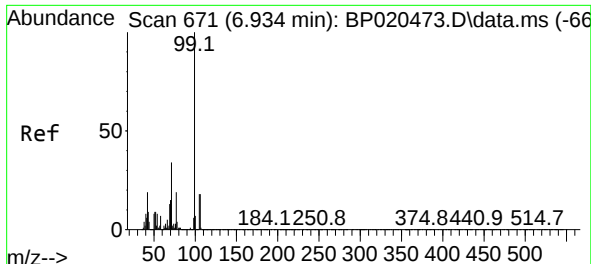
Tgt Ion:112 Resp: 1458236
Ion Ratio Lower Upper
112 100
64 58.6 50.1 75.1
63 30.0 25.7 38.5



#6
Aniline
Concen: 21.346 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 93 Resp: 383555
Ion Ratio Lower Upper
93 100
66 39.6 32.8 49.2
65 19.8 16.9 25.3



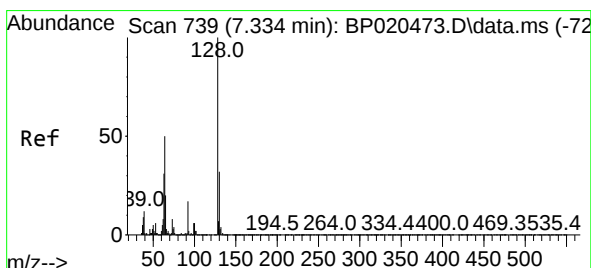
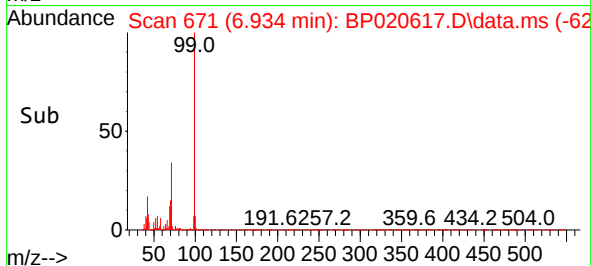
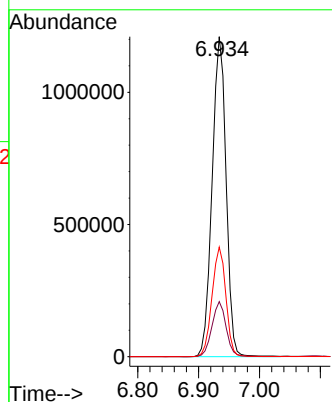
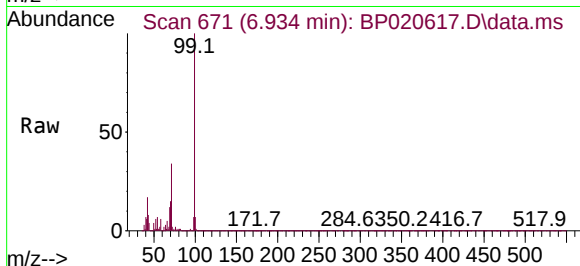


#7
Phenol-d6
Concen: 108.671 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Instrument :
BNA_P
ClientSampleId :
WC-HMS

Tgt Ion: 99 Resp: 1927033

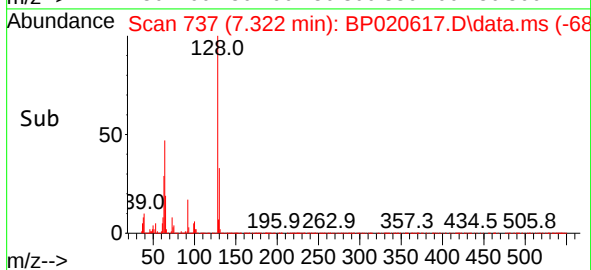
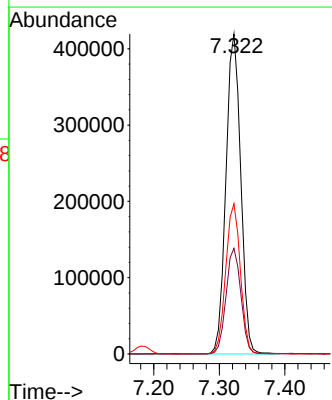
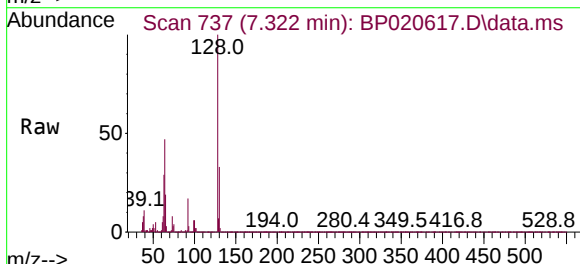
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	34.3	27.3	40.9

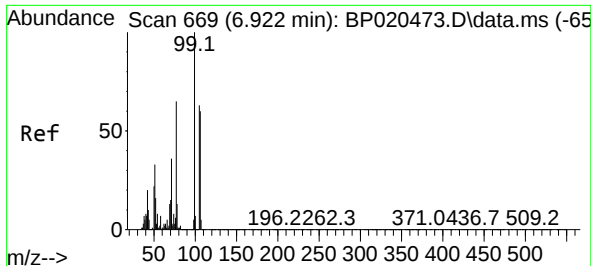


#8
2-Chlorophenol
Concen: 46.418 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 128 Resp: 654290

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	46.9	29.6	69.6

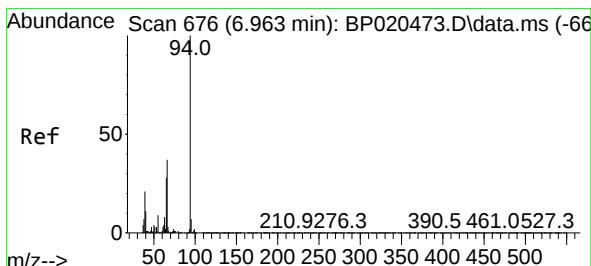
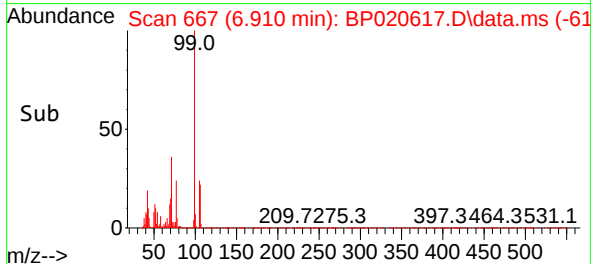
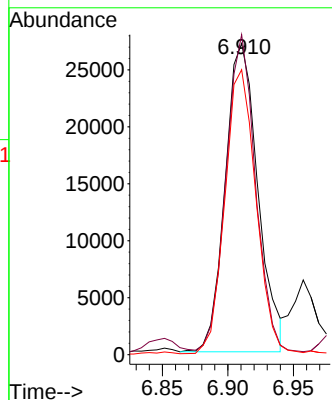
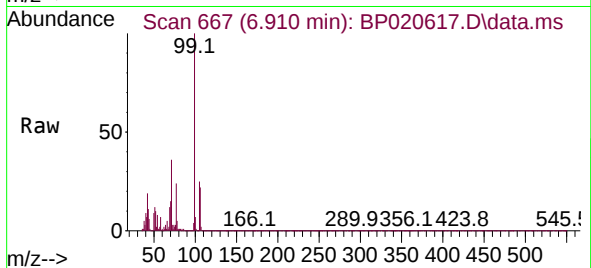




#9
Benzaldehyde
Concen: 4.121 ng
RT: 6.910 min Scan# 610
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

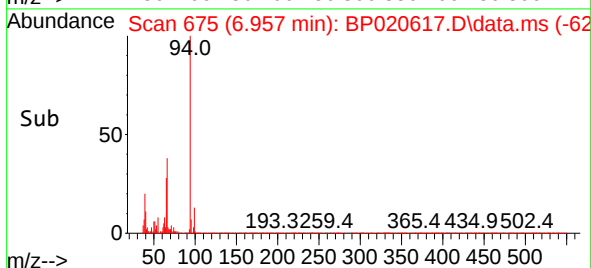
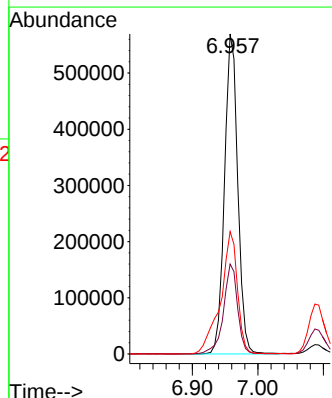
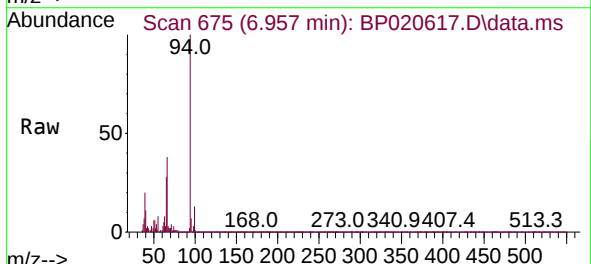
Instrument :
BNA_P
ClientSampleId :
WC-HMS

Tgt Ion: 77 Resp: 46877
Ion Ratio Lower Upper
77 100
105 102.8 76.8 116.8
106 91.5 72.0 112.0



#10
Phenol
Concen: 43.732 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 94 Resp: 794336
Ion Ratio Lower Upper
94 100
65 28.1 8.2 48.2
66 38.2 17.2 57.2

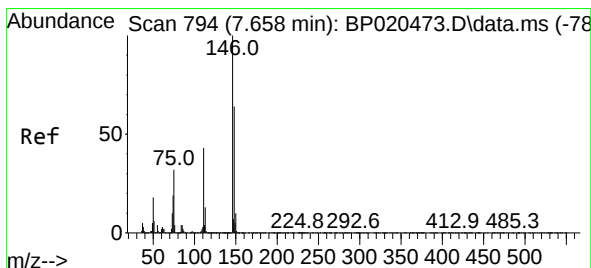
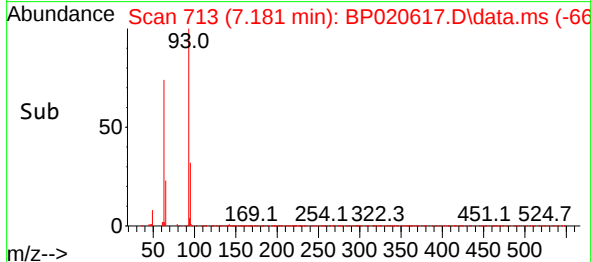
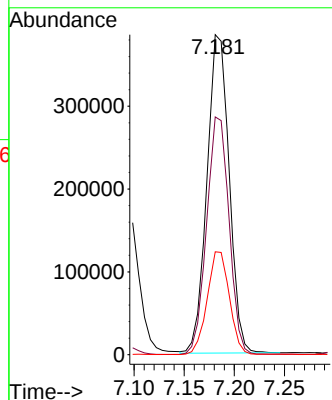
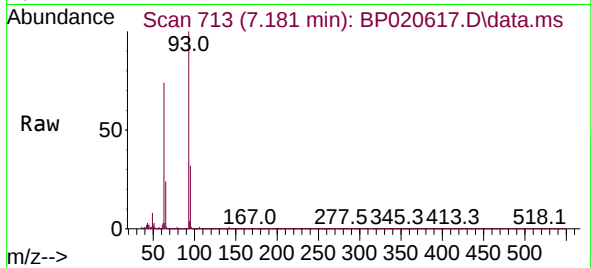




#11
bis(2-Chloroethyl)ether
Concen: 39.686 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.029 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

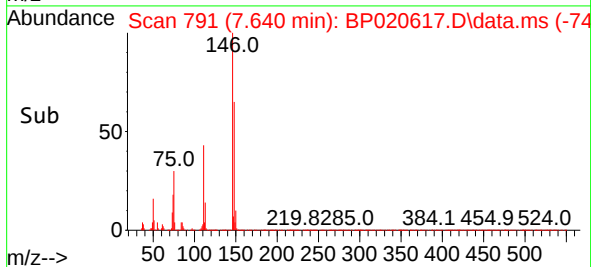
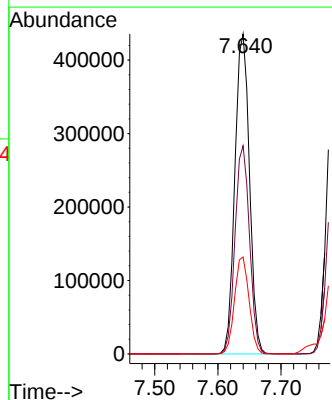
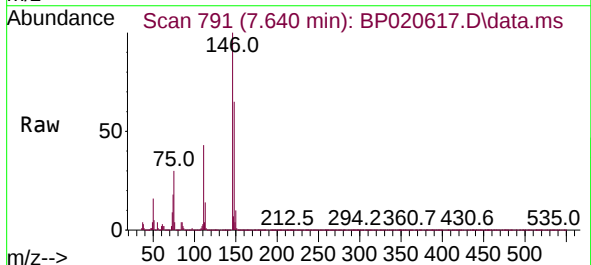
Instrument :
BNA_P
ClientSampleId :
WC-HMS

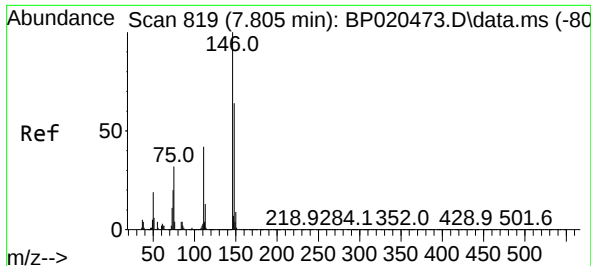
Tgt Ion: 93 Resp: 594486
Ion Ratio Lower Upper
93 100
63 74.3 58.3 98.3
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.996 ng
RT: 7.640 min Scan# 791
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:146 Resp: 697444
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
75 30.3 25.3 37.9

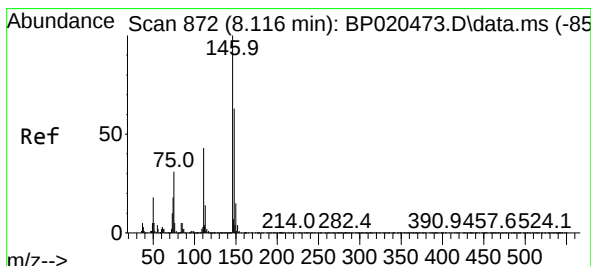
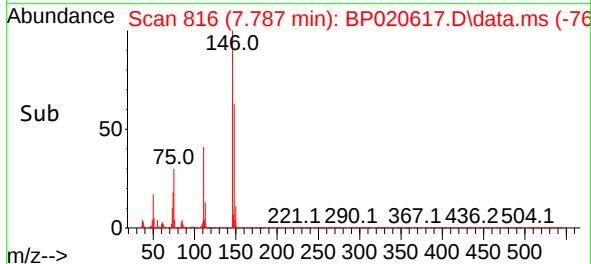
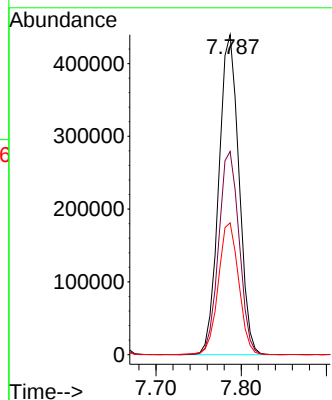
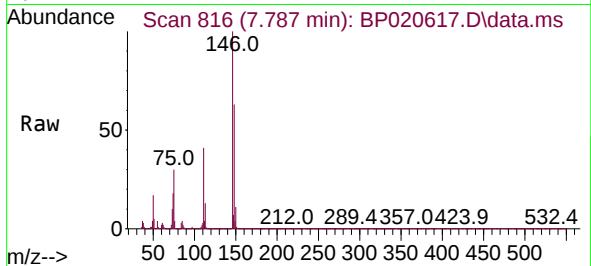




#13
1,4-Dichlorobenzene
Concen: 42.781 ng
RT: 7.787 min Scan# 819
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

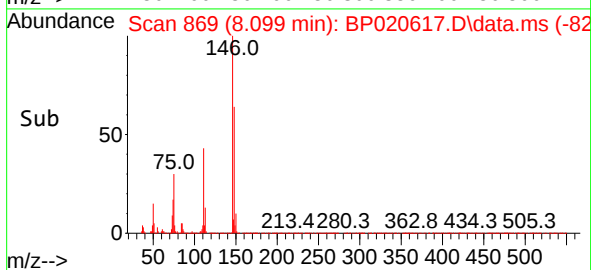
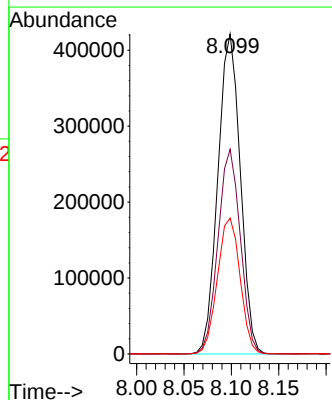
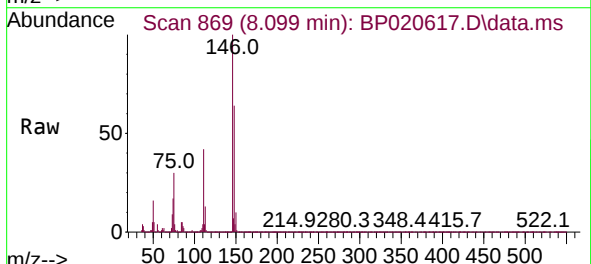
Instrument :
BNA_P
ClientSampleId :
WC-HMS

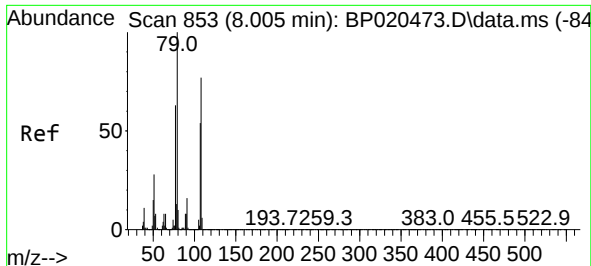
Tgt Ion:146 Resp: 722117
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 41.2 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 42.637 ng
RT: 8.099 min Scan# 869
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:146 Resp: 694554
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 42.4 34.4 51.6

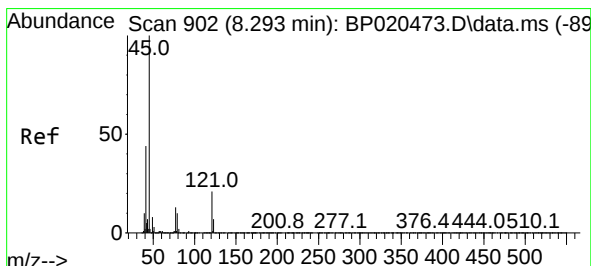
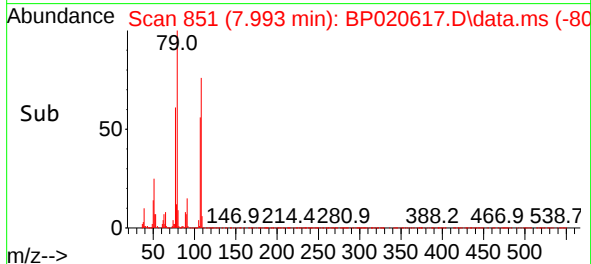
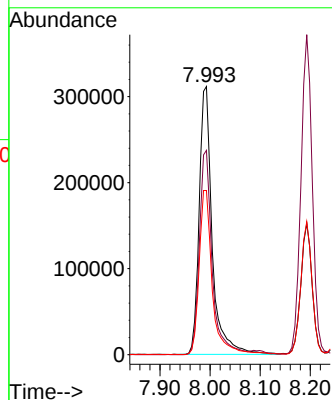
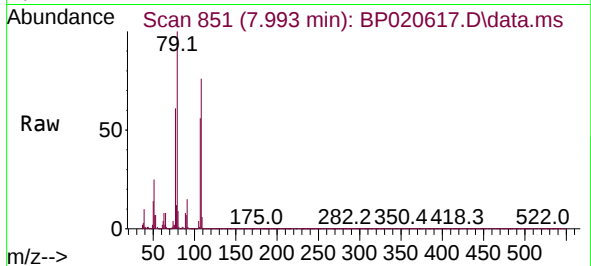




#15
Benzyl Alcohol
Concen: 43.016 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

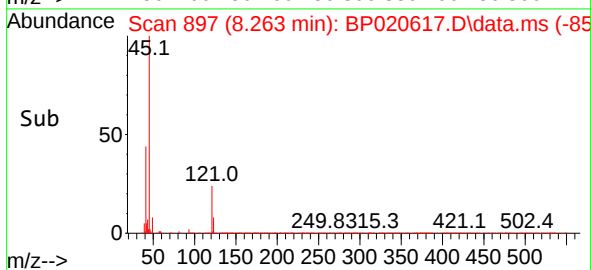
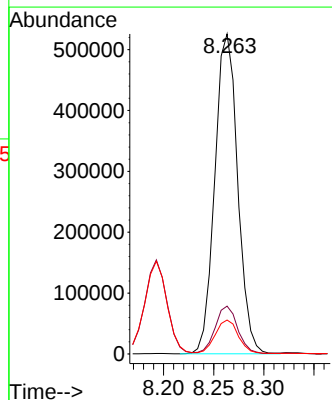
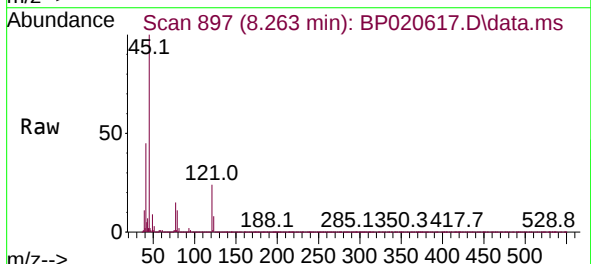
Instrument :
BNA_P
ClientSampleId :
WC-HMS

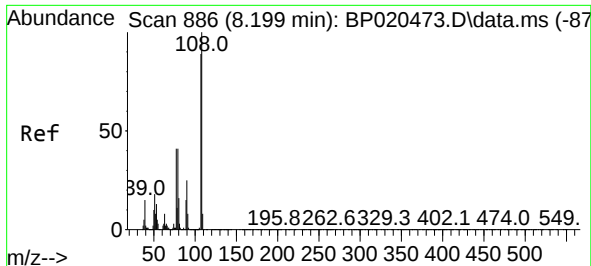
Tgt Ion: 79 Resp: 563447
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.2
77 61.2 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.192 ng
RT: 8.263 min Scan# 897
Delta R.T. -0.029 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 45 Resp: 831768
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.6
79 10.6 0.0 29.9

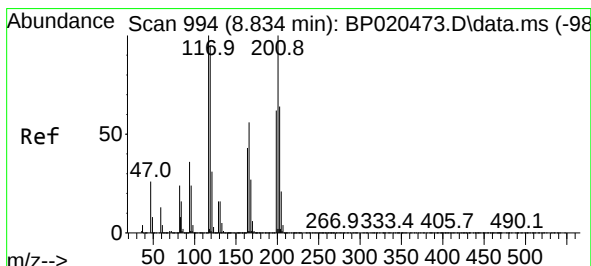
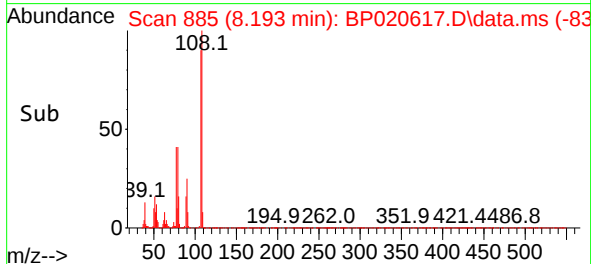
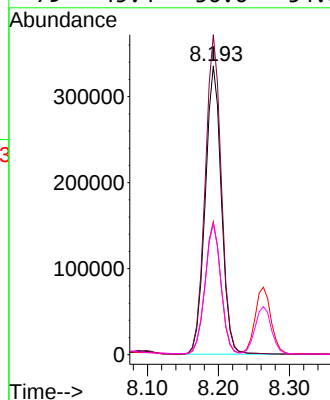
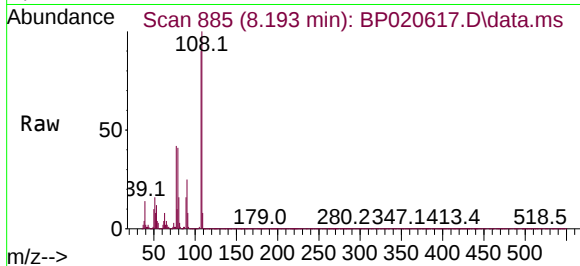




#17
2-Methylphenol
Concen: 43.086 ng
RT: 8.193 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

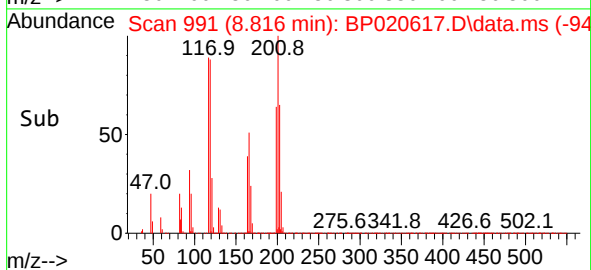
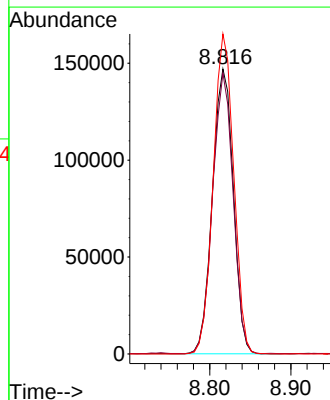
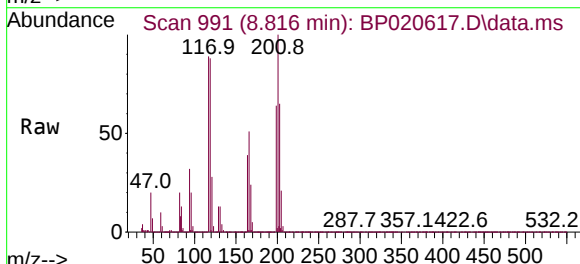
Instrument :
BNA_P
ClientSampleId :
WC-HMS

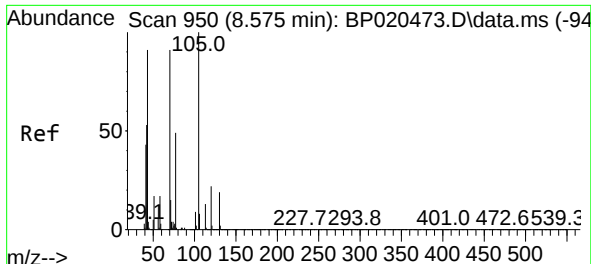
Tgt Ion:	107	Resp:	531089
Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.4	134.2
77	46.1	36.6	55.0
79	45.4	36.6	54.8



#18
Hexachloroethane
Concen: 42.755 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:	117	Resp:	263516
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.3	114.5
201	112.3	79.9	119.9



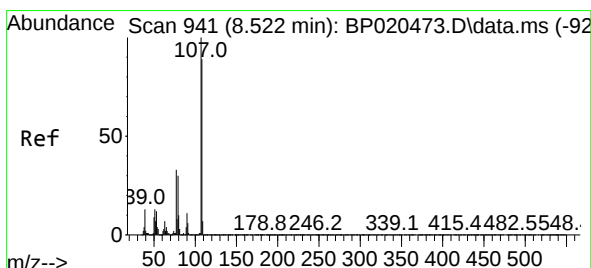
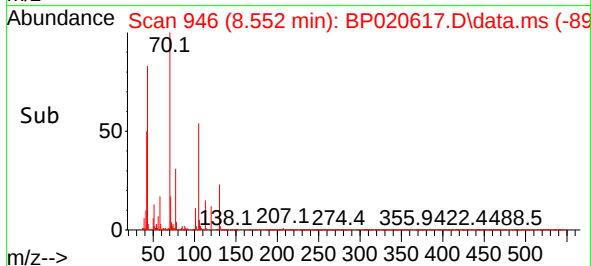
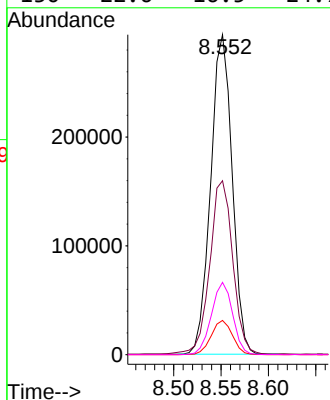
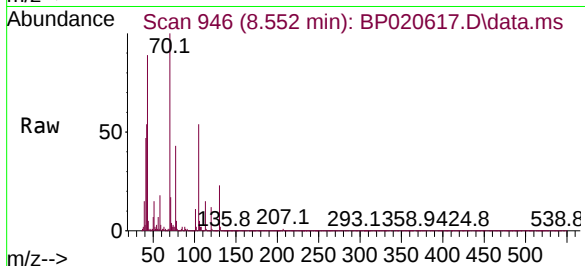


#19
n-Nitroso-di-n-propylamine
Concen: 38.251 ng
RT: 8.552 min Scan# 94
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Instrument :
BNA_P
ClientSampleId :
WC-HMS

Tgt Ion: 70 Resp: 463045

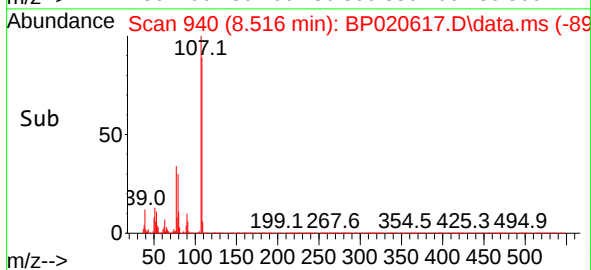
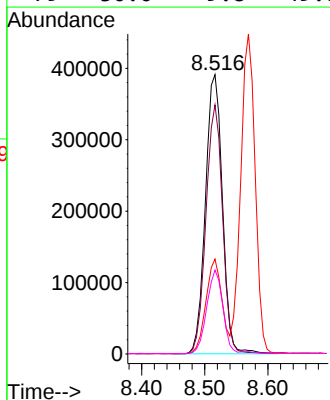
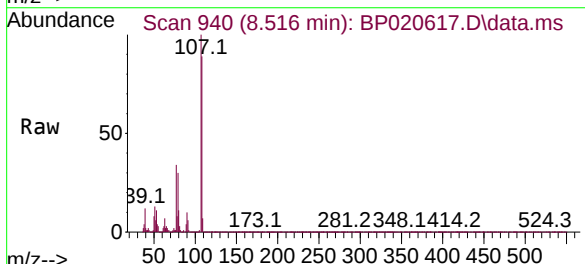
Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.4	71.0
101	10.7	7.8	11.8
130	22.6	16.5	24.7

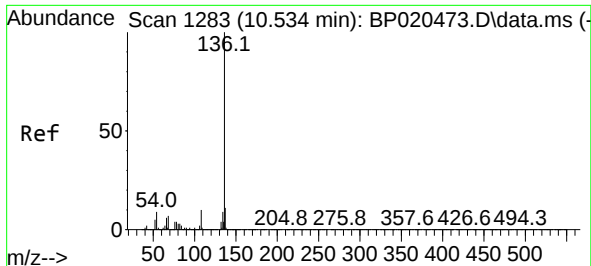


#20
3+4-Methylphenols
Concen: 43.661 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 107 Resp: 732000

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.2	109.2
77	34.0	13.5	53.5
79	30.0	9.8	49.8

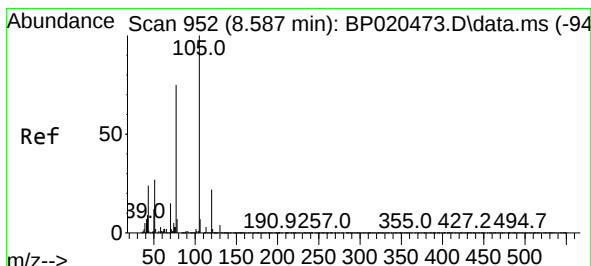
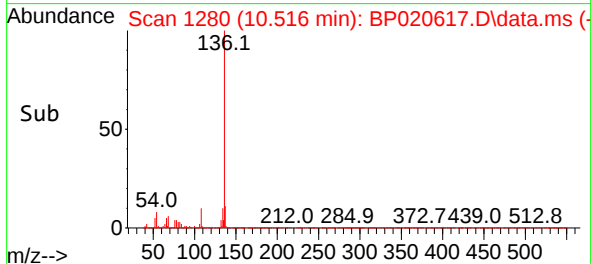
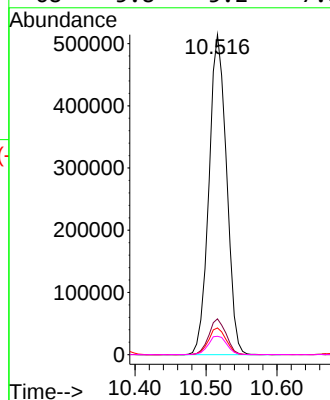
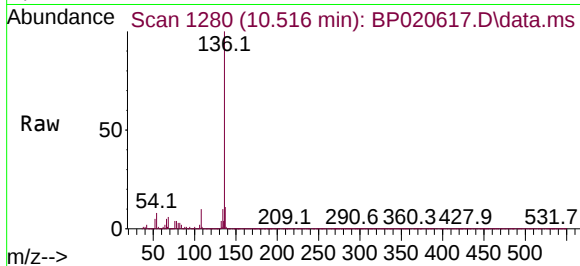




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

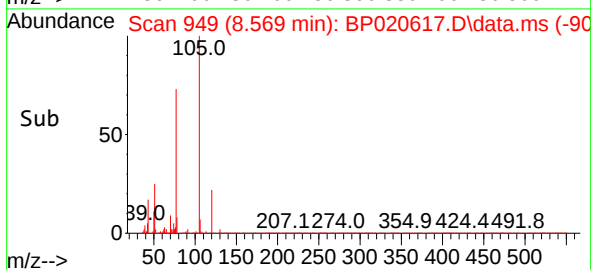
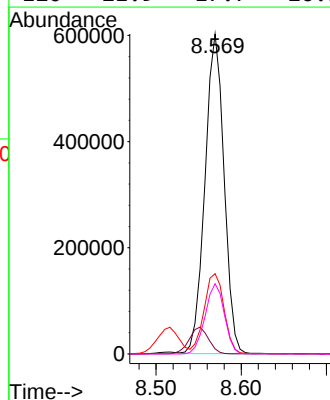
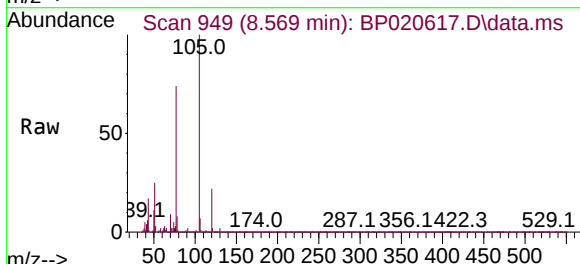
Instrument :
BNA_P
ClientSampleId :
WC-HMS

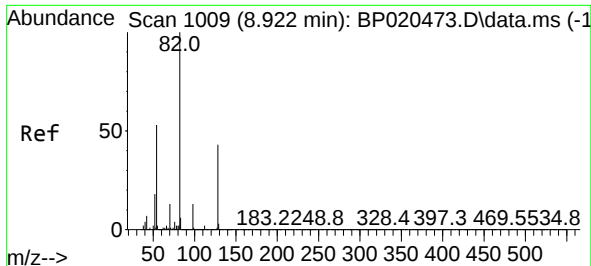
Tgt Ion:	136	Resp:	883591
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.3	7.4	11.0
68	5.8	5.2	7.8



#22
Acetophenone
Concen: 42.729 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:	105	Resp:	937156
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.3	3.5
51	25.1	22.6	33.8
120	21.9	17.7	26.5

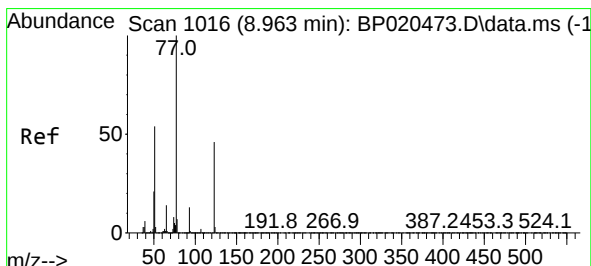
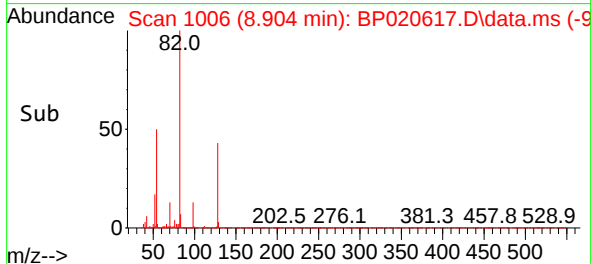
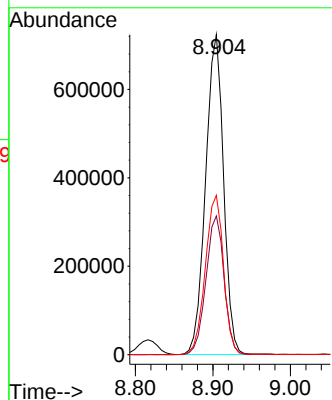
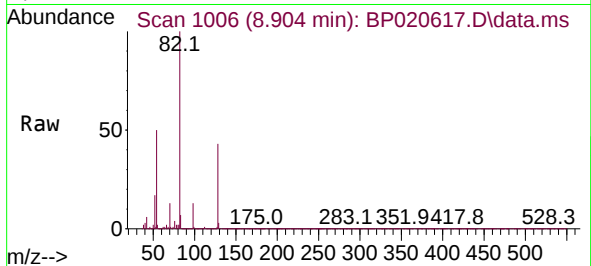




#23
Nitrobenzene-d5
Concen: 72.136 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

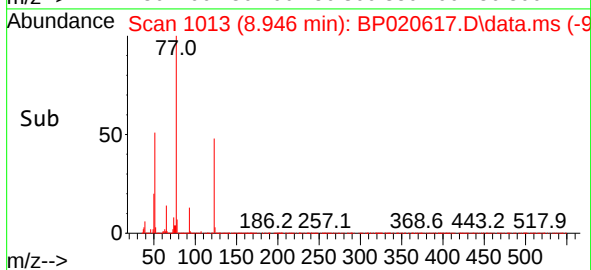
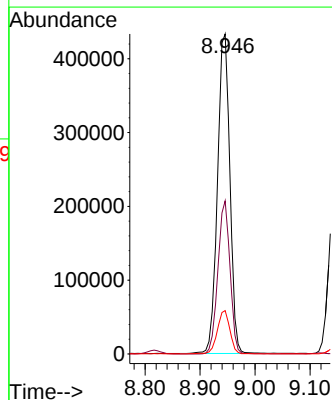
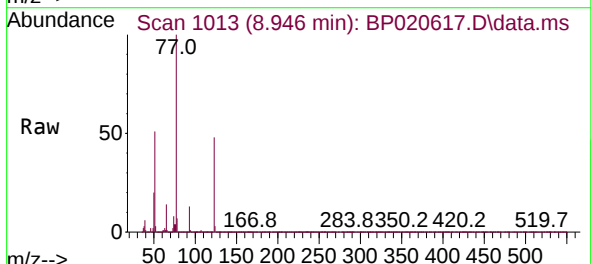
Instrument :
BNA_P
ClientSampleId :
WC-HMS

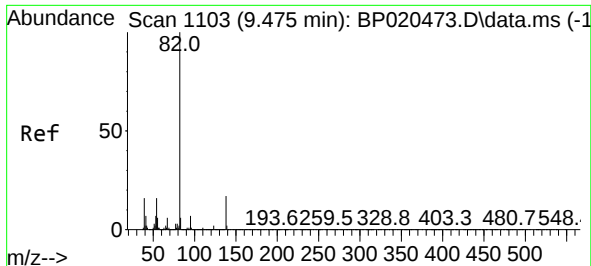
Tgt Ion: 82 Resp: 1164393
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 49.8 42.7 64.1



#24
Nitrobenzene
Concen: 41.467 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 77 Resp: 679303
Ion Ratio Lower Upper
77 100
123 47.9 36.6 54.8
65 13.5 11.1 16.7

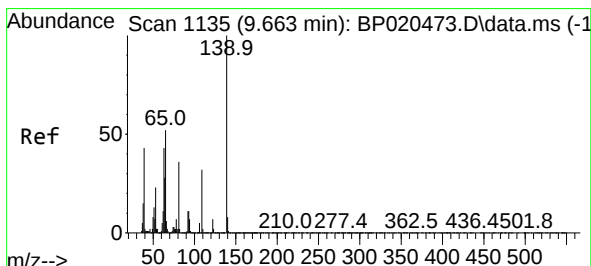
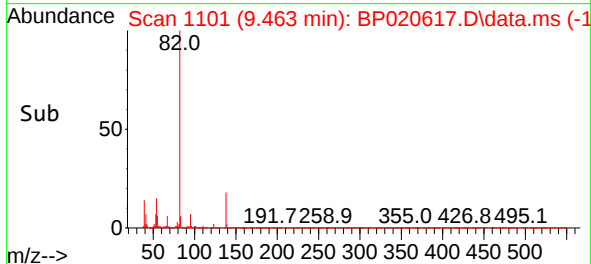
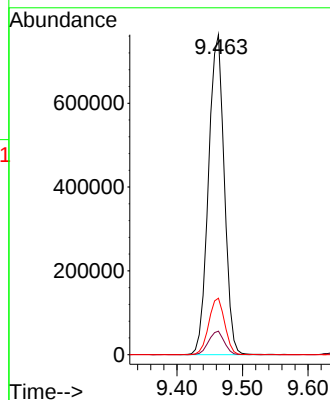
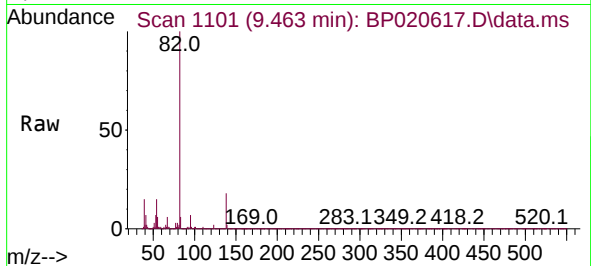




#25
Isophorone
Concen: 40.694 ng
RT: 9.463 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

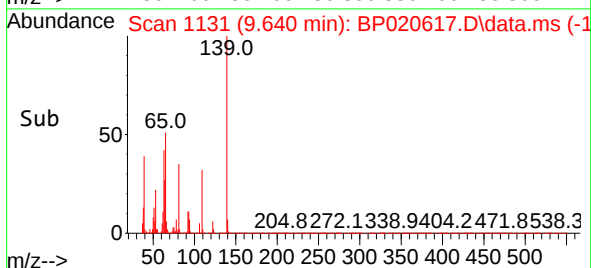
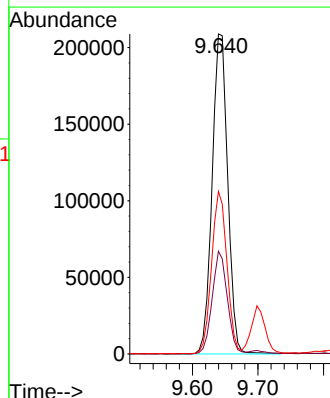
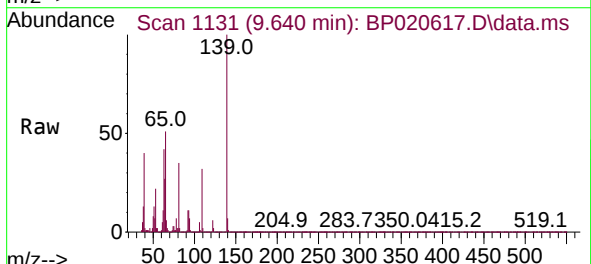
Instrument :
BNA_P
ClientSampleId :
WC-HMS

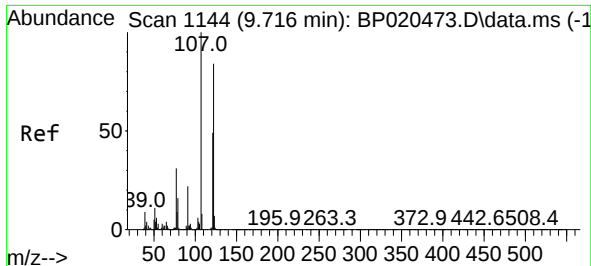
Tgt Ion: 82 Resp: 1276235
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 52.736 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.023 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion: 139 Resp: 344383
Ion Ratio Lower Upper
139 100
109 32.1 25.8 38.8
65 50.8 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 48.668 ng

RT: 9.699 min Scan# 1141

Delta R.T. -0.017 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

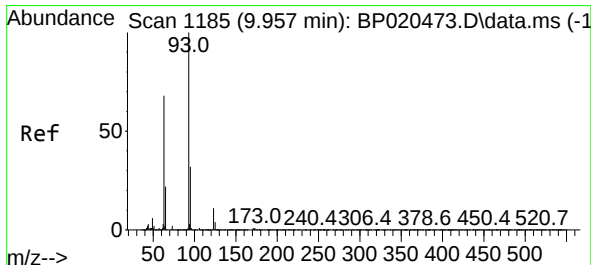
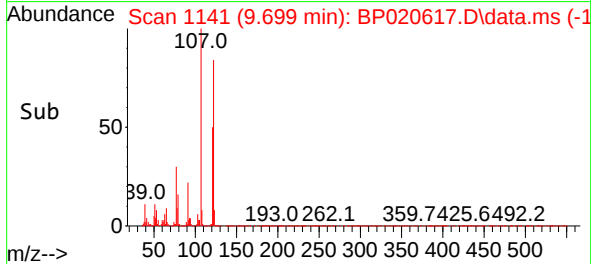
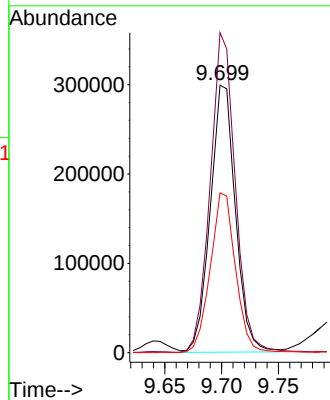
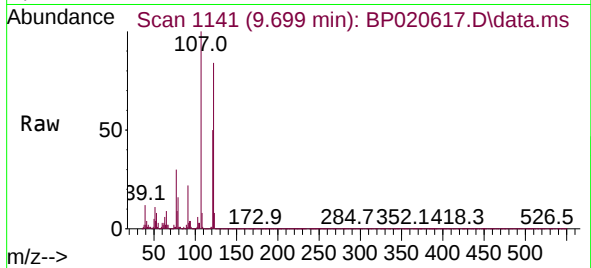
Tgt Ion:122 Resp: 461113

Ion Ratio Lower Upper

122 100

107 119.6 95.0 142.4

121 59.8 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.670 ng

RT: 9.940 min Scan# 1182

Delta R.T. -0.018 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

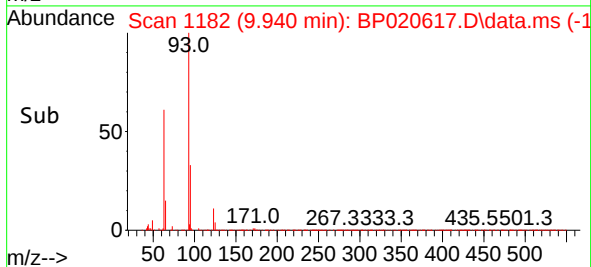
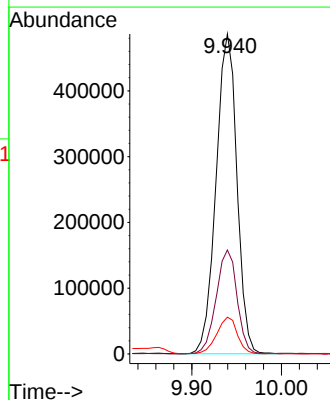
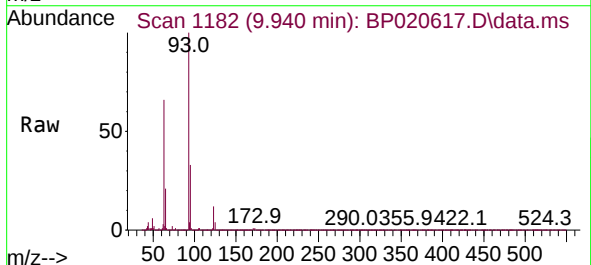
Tgt Ion: 93 Resp: 783965

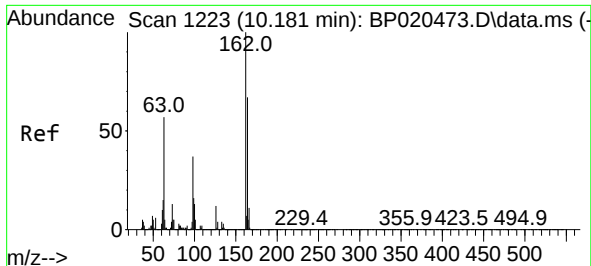
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.5 9.0 13.4

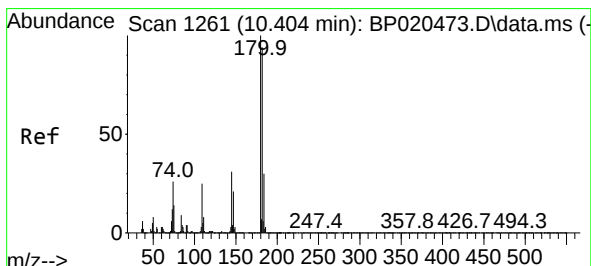
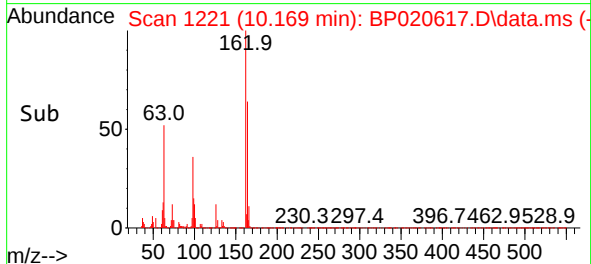
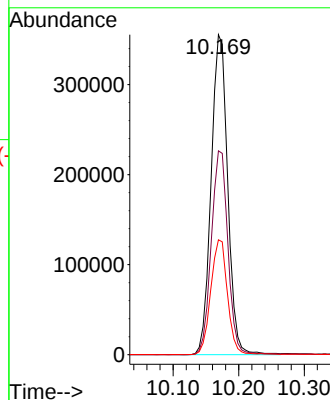
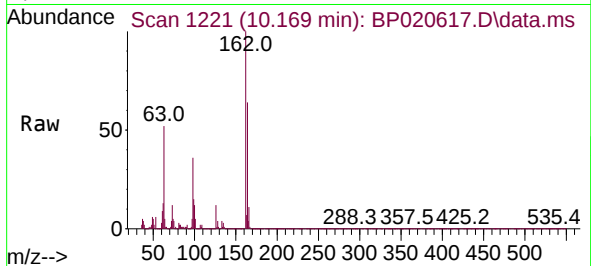




#29
2,4-Dichlorophenol
Concen: 49.119 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

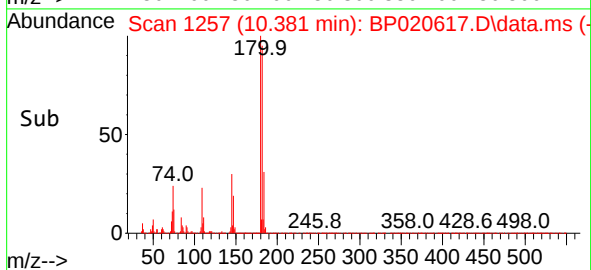
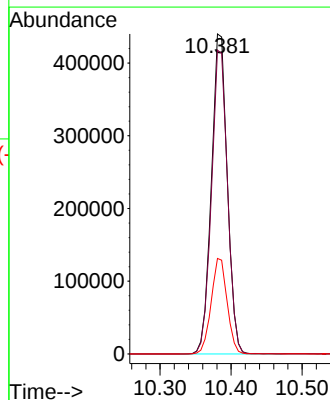
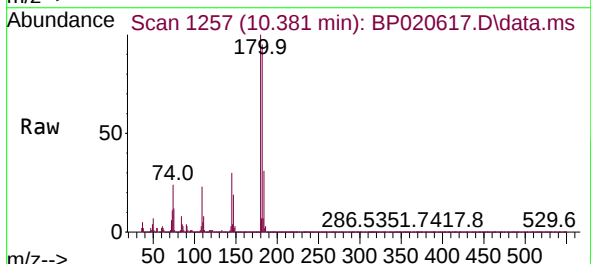
Instrument :
BNA_P
ClientSampleId :
WC-HMS

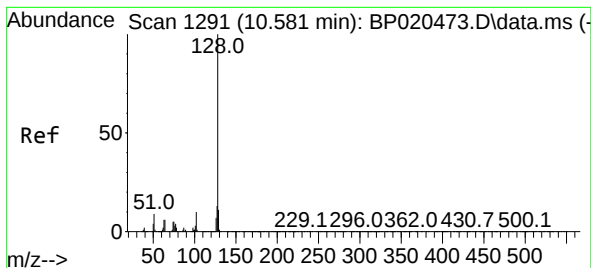
Tgt Ion:162 Resp: 624360
Ion Ratio Lower Upper
162 100
164 63.7 46.5 86.5
98 35.9 17.4 57.4



#30
1,2,4-Trichlorobenzene
Concen: 45.356 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:180 Resp: 684434
Ion Ratio Lower Upper
180 100
182 94.9 75.2 112.8
145 29.8 24.9 37.3





#31

Naphthalene

Concen: 43.396 ng

RT: 10.569 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

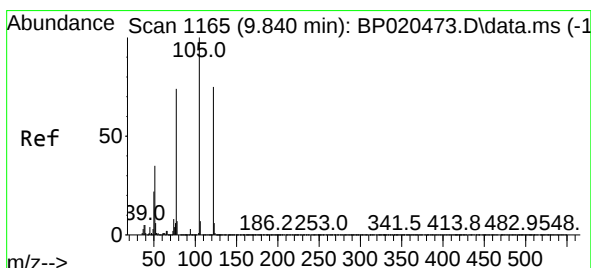
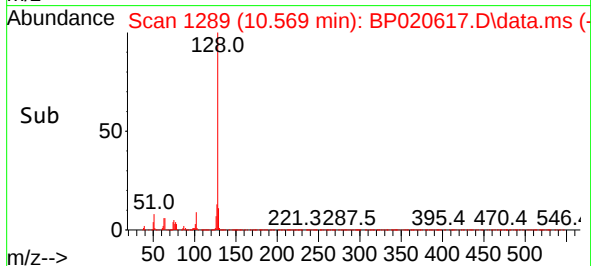
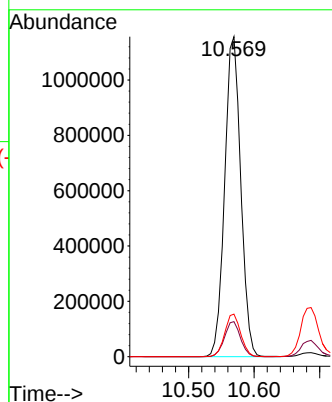
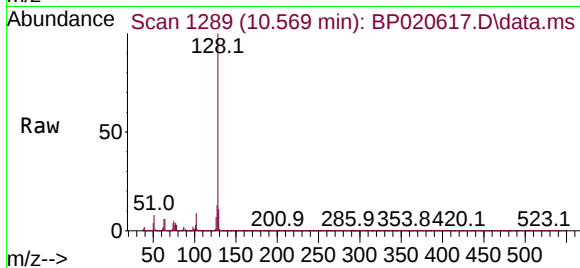
Tgt Ion:128 Resp: 1960202

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 50.743 ng

RT: 9.863 min Scan# 1169

Delta R.T. 0.023 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

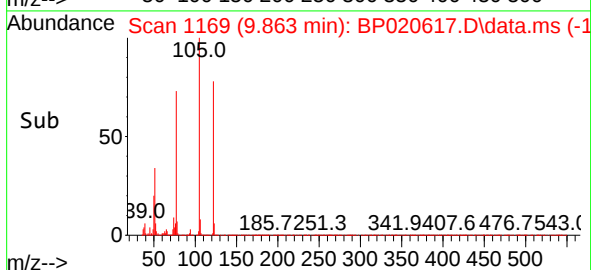
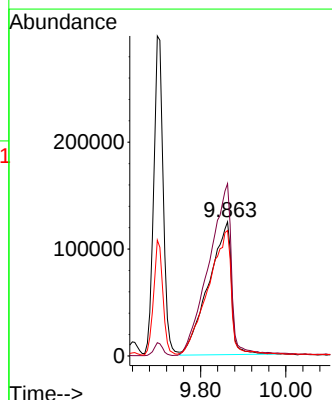
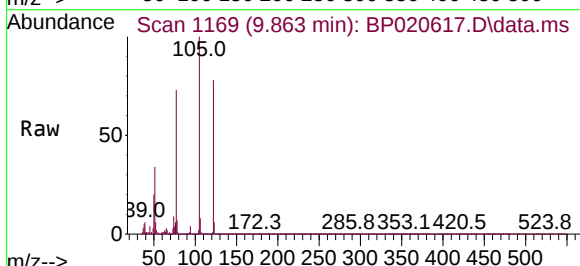
Tgt Ion:122 Resp: 460863

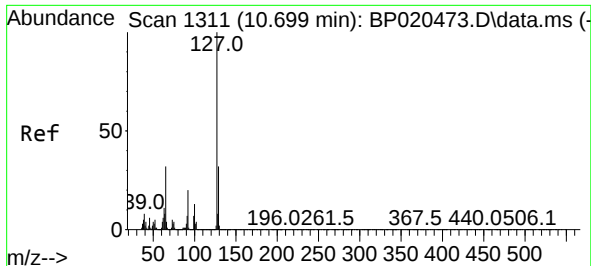
Ion Ratio Lower Upper

122 100

105 128.6 107.5 147.5

77 93.5 76.1 116.1

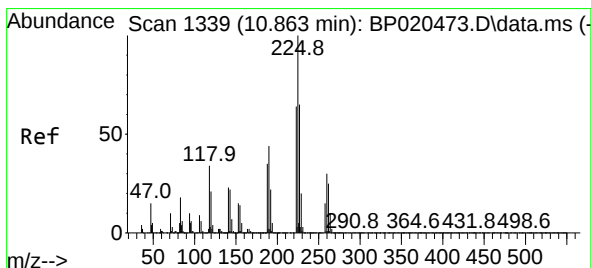
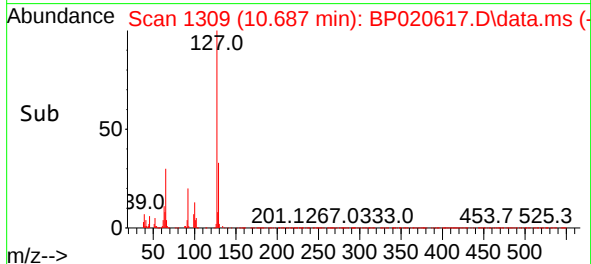
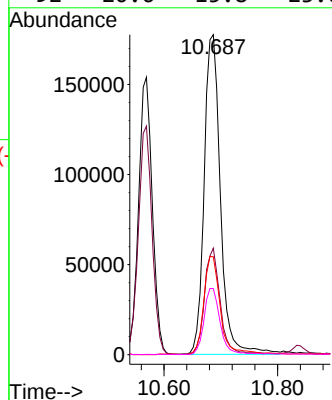
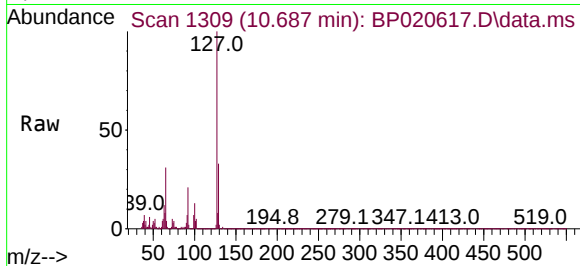




#33
4-Chloroaniline
Concen: 20.185 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

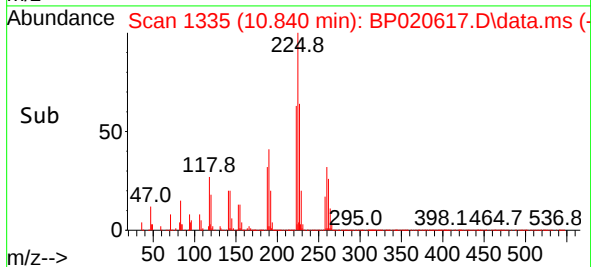
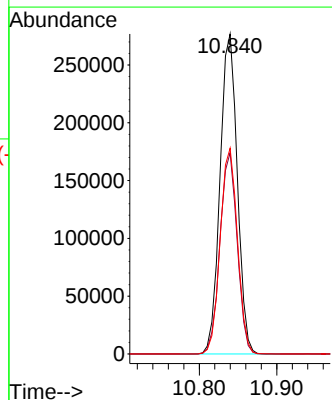
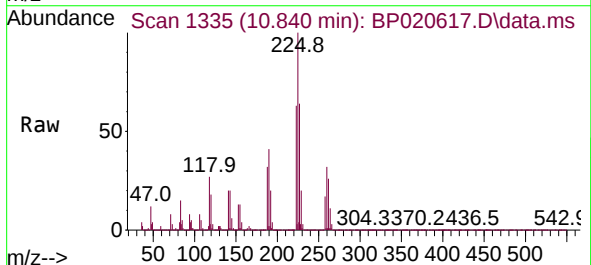
Instrument :
BNA_P
ClientSampleId :
WC-HMS

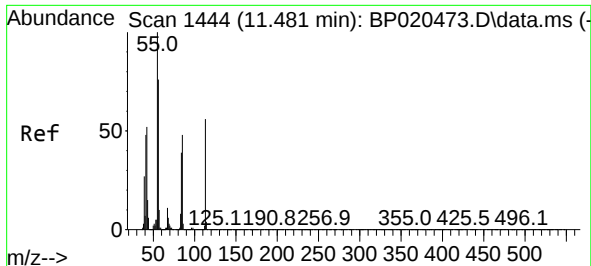
Tgt Ion:	127	Resp:	352700
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.0	39.0
65	30.6	25.4	38.2
92	20.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 45.001 ng
RT: 10.840 min Scan# 1335
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:	225	Resp:	427767
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.3	76.9
227	64.3	51.6	77.4

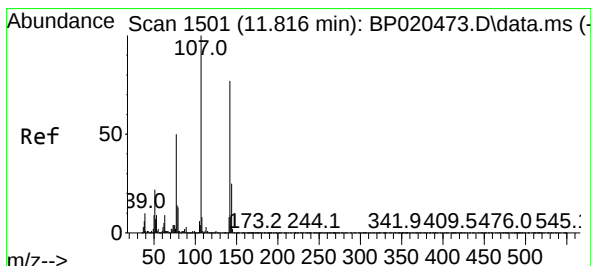
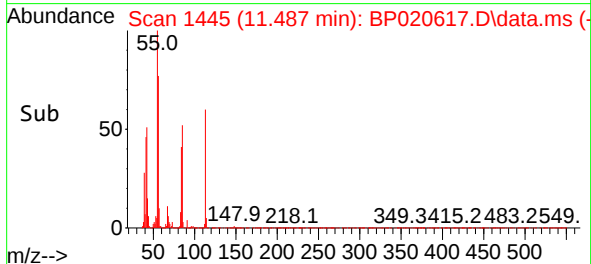
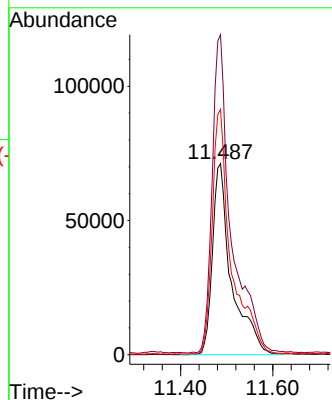
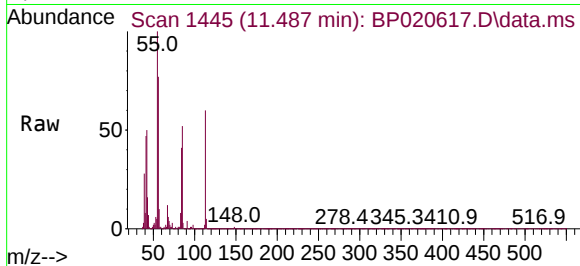




#35
Caprolactam
Concen: 43.782 ng
RT: 11.487 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

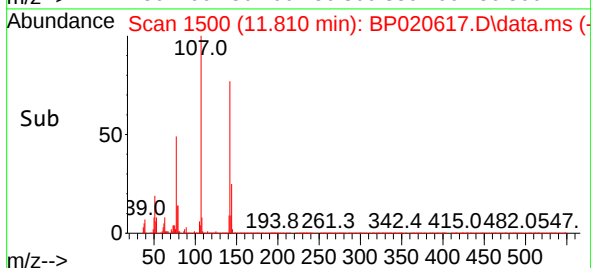
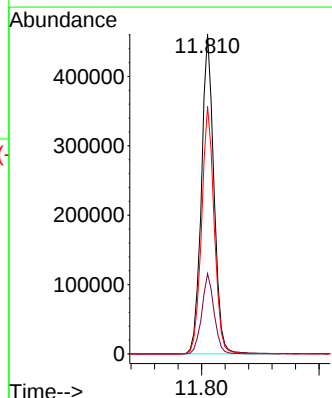
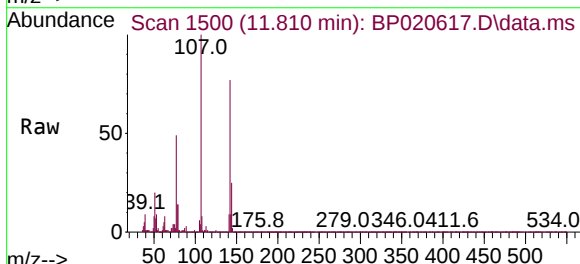
Instrument :
BNA_P
ClientSampleId :
WC-HMS

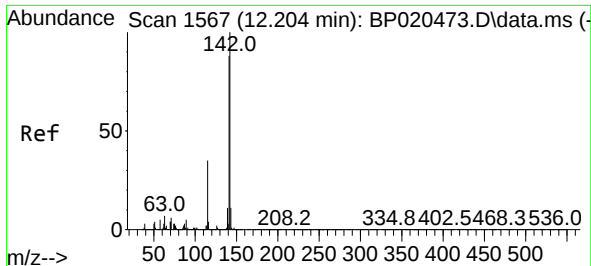
Tgt Ion:113 Resp: 203945
Ion Ratio Lower Upper
113 100
55 167.6 158.7 198.7
56 128.6 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 45.688 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:107 Resp: 679961
Ion Ratio Lower Upper
107 100
144 25.1 20.0 30.0
142 77.4 61.4 92.2

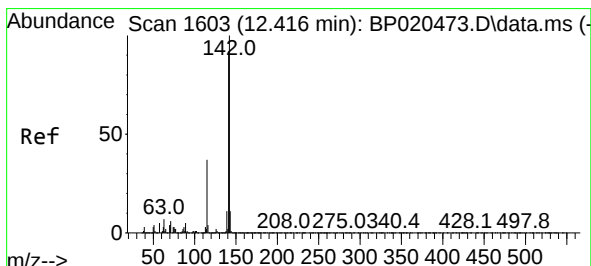
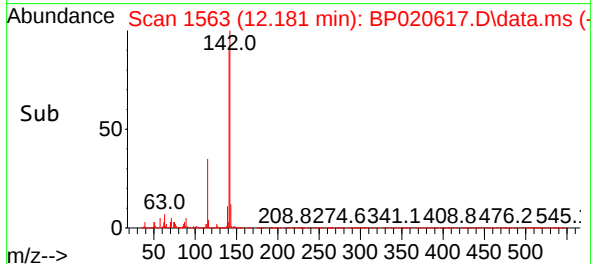
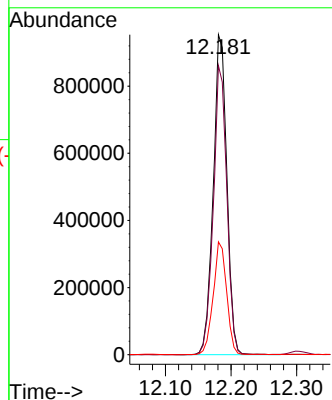
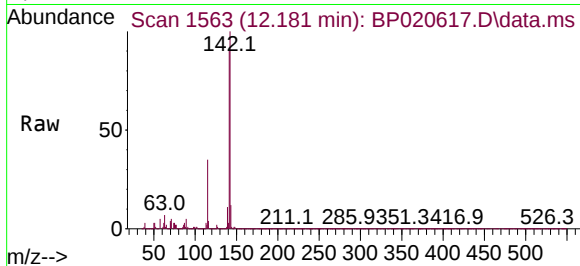




#37
2-Methylnaphthalene
Concen: 42.432 ng
RT: 12.181 min Scan# 1563
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

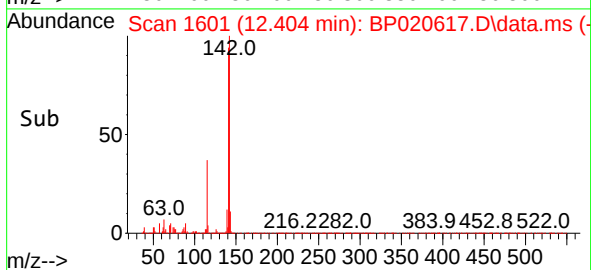
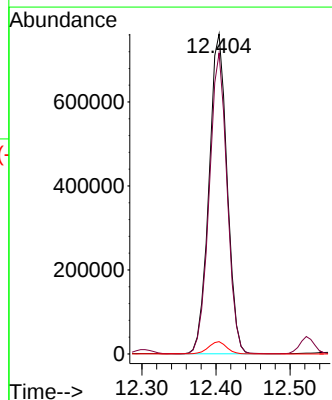
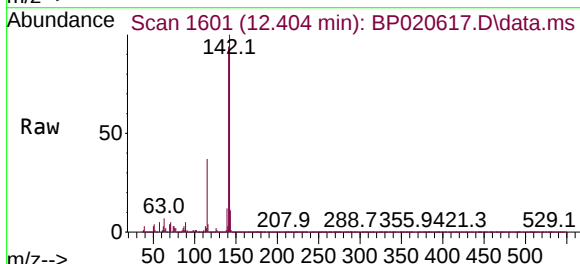
Instrument :
BNA_P
ClientSampleId :
WC-HMS

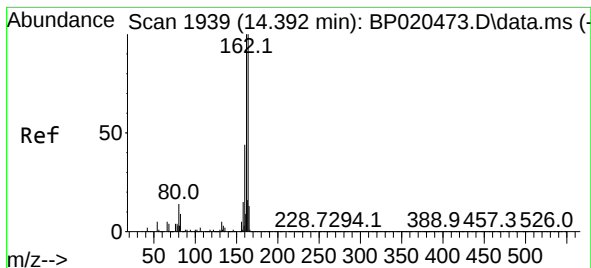
Tgt Ion:142 Resp: 1373397
Ion Ratio Lower Upper
142 100
141 90.3 70.3 105.5
115 35.2 28.0 42.0



#38
1-Methylnaphthalene
Concen: 40.314 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:142 Resp: 1293501
Ion Ratio Lower Upper
142 100
141 94.0 73.7 110.5
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.011 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

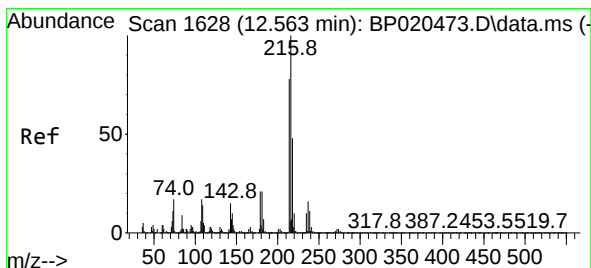
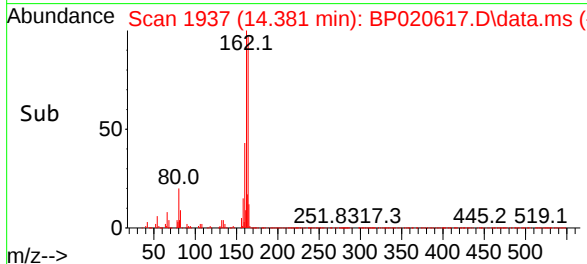
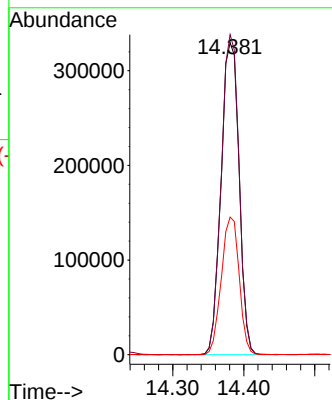
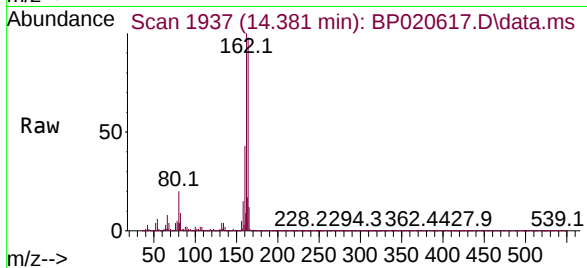
Tgt Ion:164 Resp: 579452

Ion Ratio Lower Upper

164 100

162 102.6 80.3 120.5

160 44.1 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.006 ng

RT: 12.545 min Scan# 1625

Delta R.T. -0.018 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Tgt Ion:216 Resp: 788083

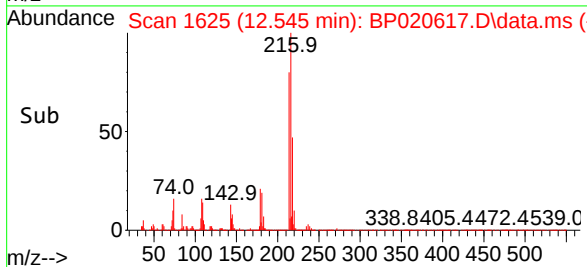
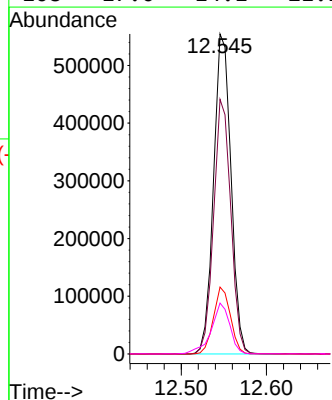
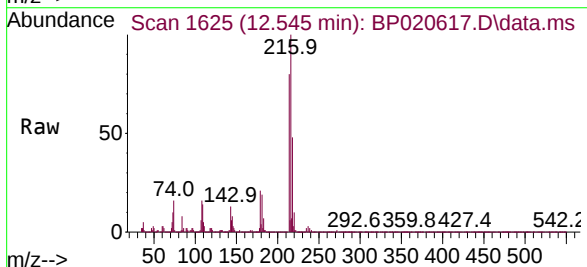
Ion Ratio Lower Upper

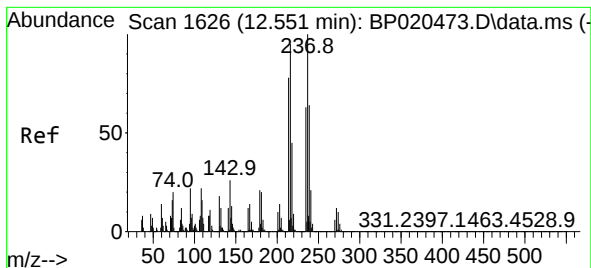
216 100

214 78.6 63.0 94.4

179 20.5 16.9 25.3

108 17.0 14.1 21.1

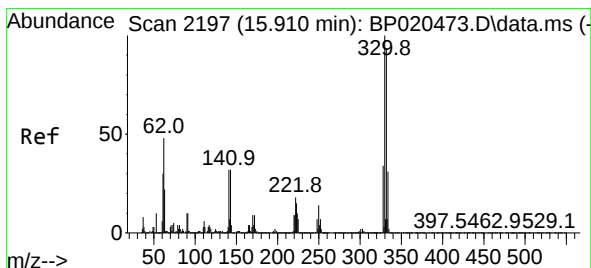
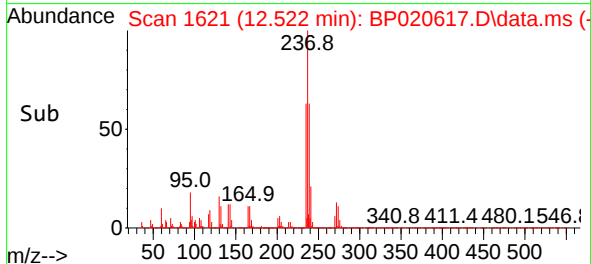
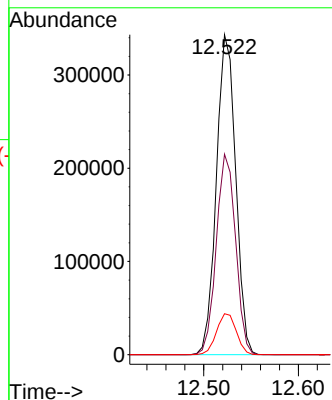
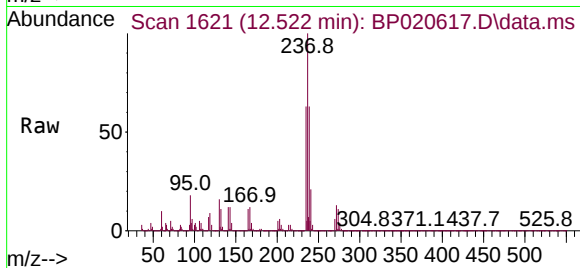




#41
Hexachlorocyclopentadiene
Concen: 82.509 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

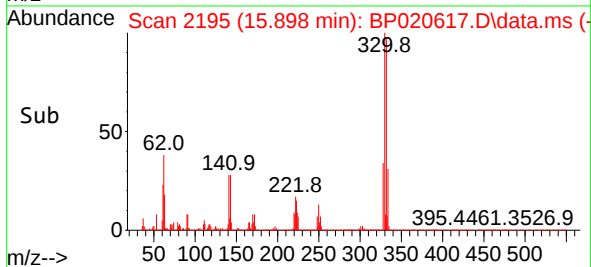
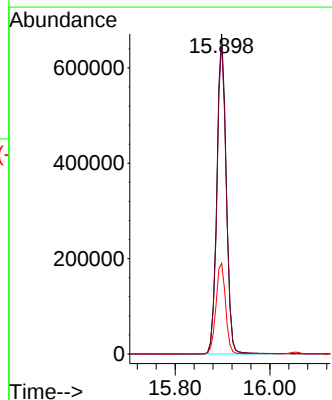
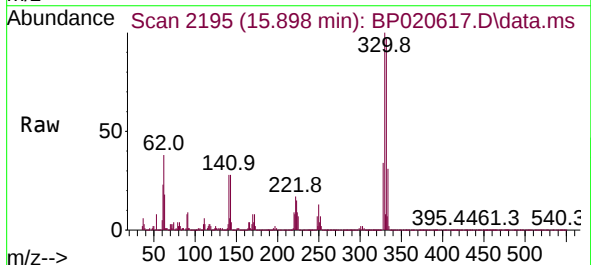
Instrument :
BNA_P
ClientSampleId :
WC-HMS

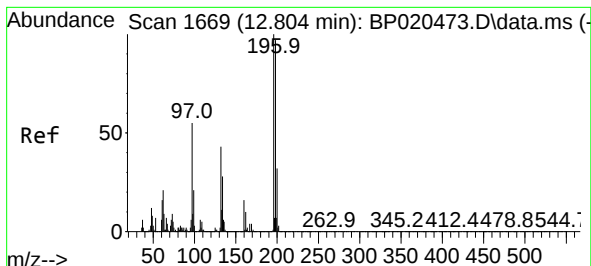
Tgt Ion:237 Resp: 486159
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 152.042 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:330 Resp: 914320
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 29.1 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 52.276 ng

RT: 12.798 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

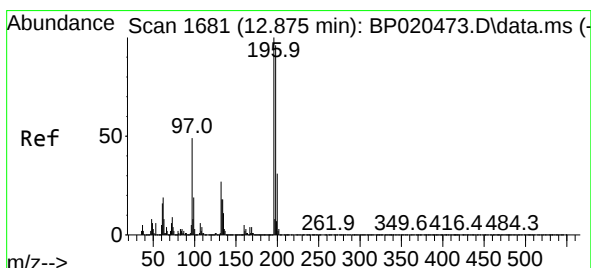
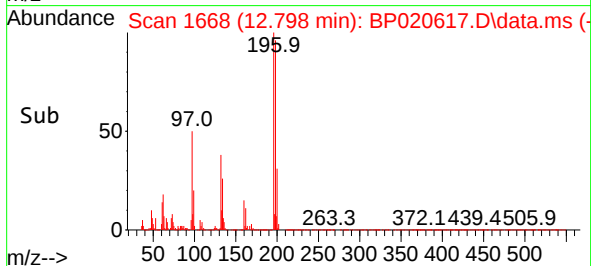
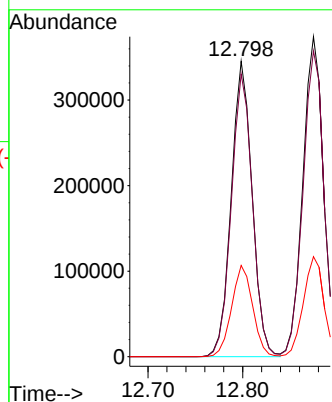
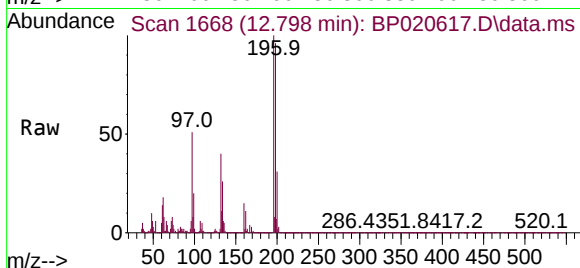
Tgt Ion:196 Resp: 529776

Ion Ratio Lower Upper

196 100

198 95.7 77.9 116.9

200 30.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 48.909 ng

RT: 12.875 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Tgt Ion:196 Resp: 571829

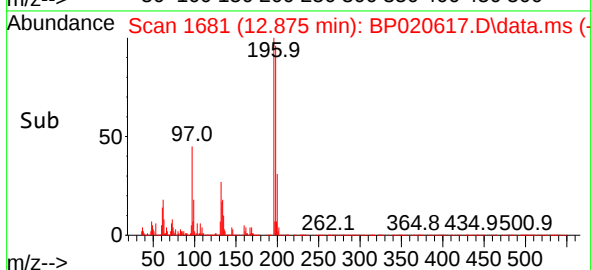
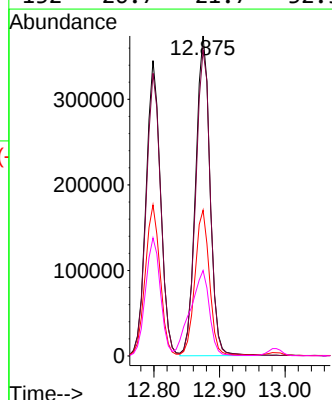
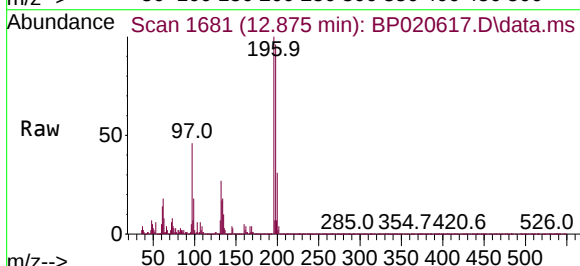
Ion Ratio Lower Upper

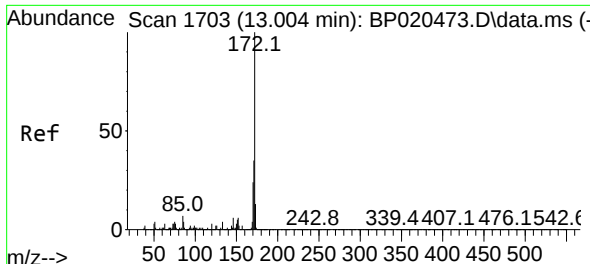
196 100

198 95.6 77.0 115.4

97 45.6 38.9 58.3

132 26.7 21.7 32.5

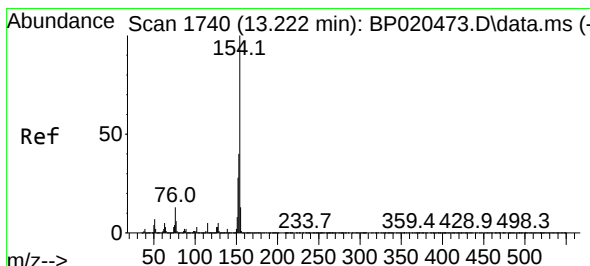
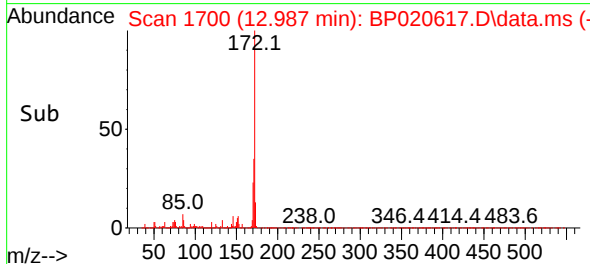
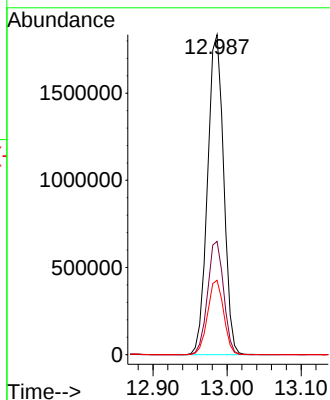
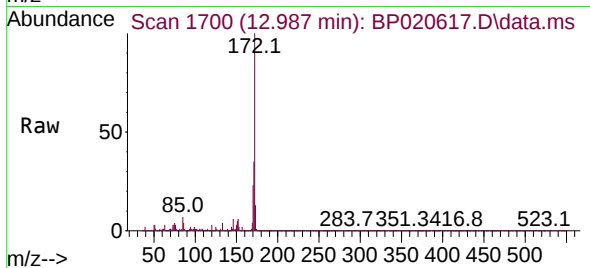




#45
2-Fluorobiphenyl
Concen: 71.320 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

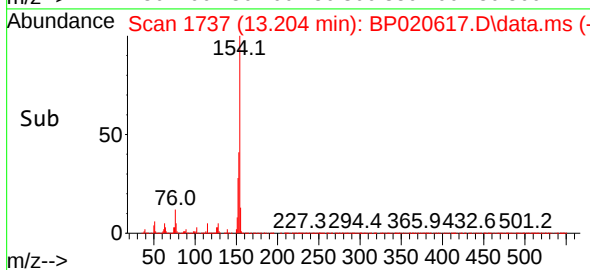
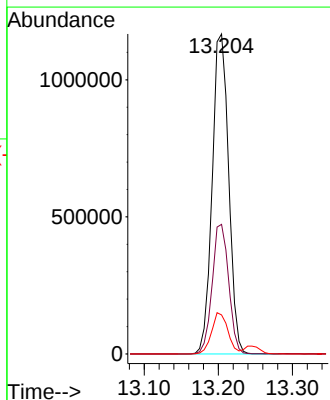
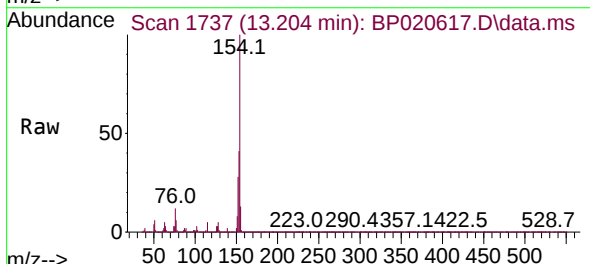
Instrument :
BNA_P
ClientSampleId :
WC-HMS

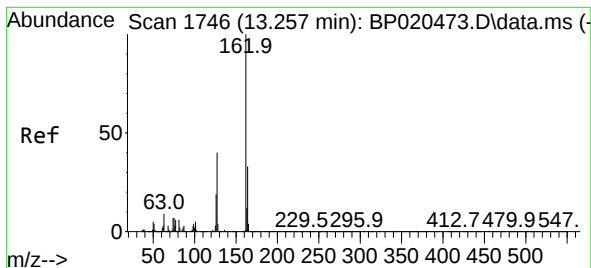
Tgt Ion:172 Resp: 2772237
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.020 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:154 Resp: 1800156
Ion Ratio Lower Upper
154 100
153 40.5 19.9 59.9
76 12.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 43.794 ng

RT: 13.245 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

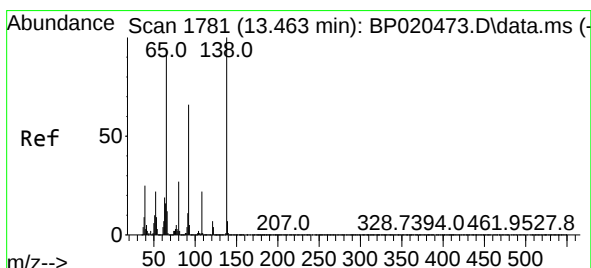
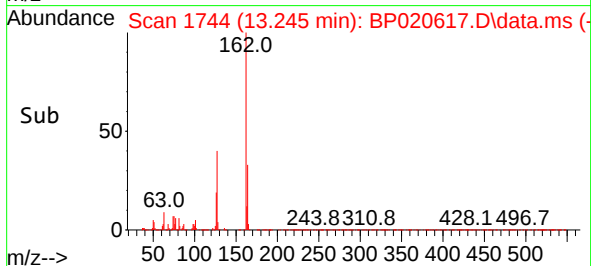
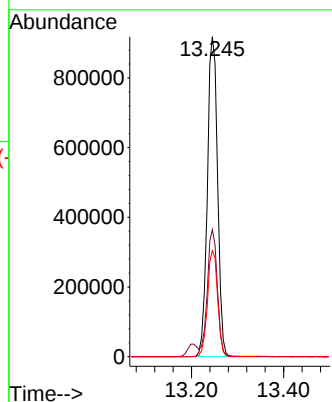
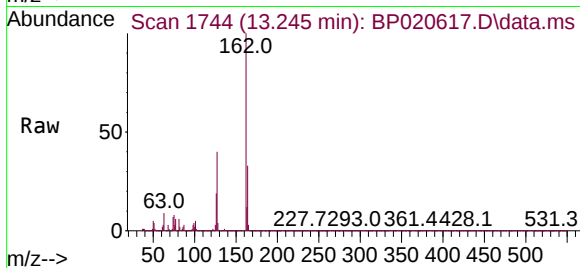
Tgt Ion:162 Resp: 1423730

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.2

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 48.801 ng

RT: 13.451 min Scan# 1779

Delta R.T. -0.012 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

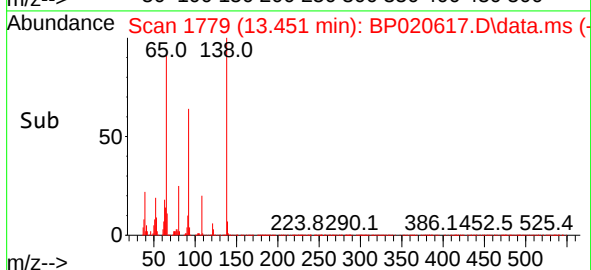
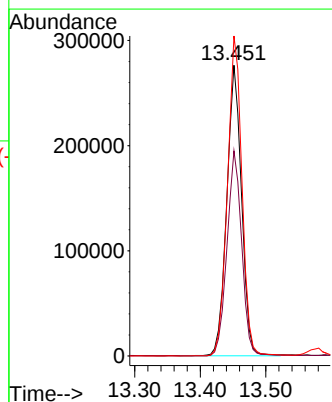
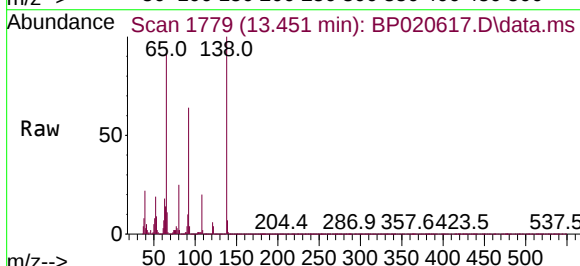
Tgt Ion: 65 Resp: 429889

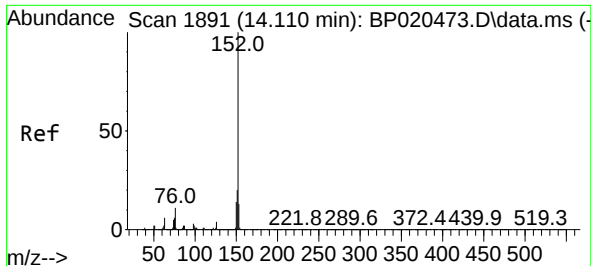
Ion Ratio Lower Upper

65 100

92 70.6 55.8 83.8

138 110.1 85.2 127.8

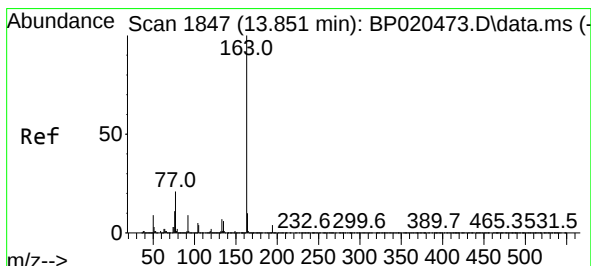
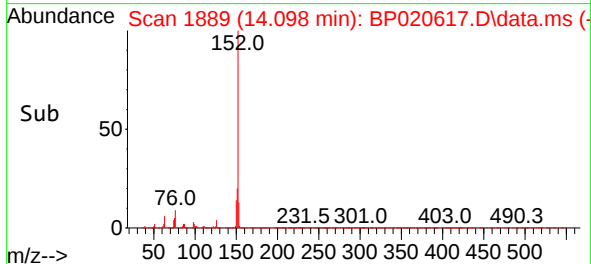
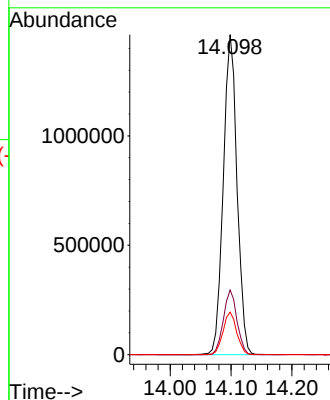
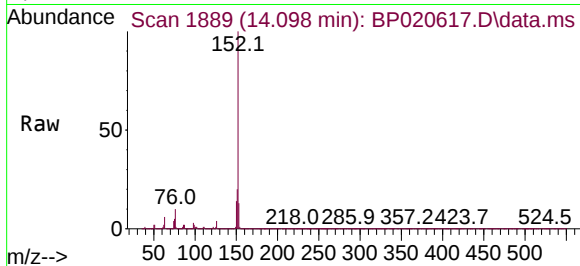




#49
Acenaphthylene
Concen: 47.504 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

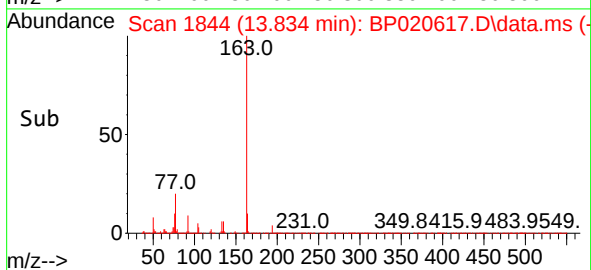
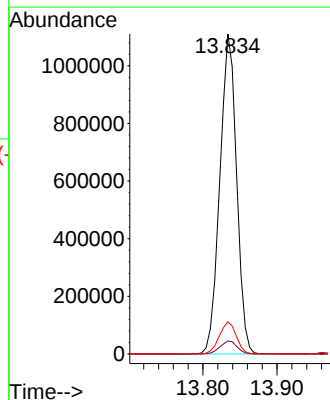
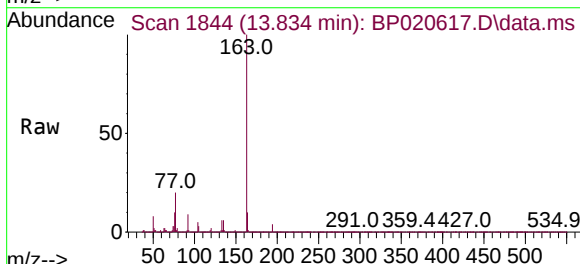
Instrument :
BNA_P
ClientSampleId :
WC-HMS

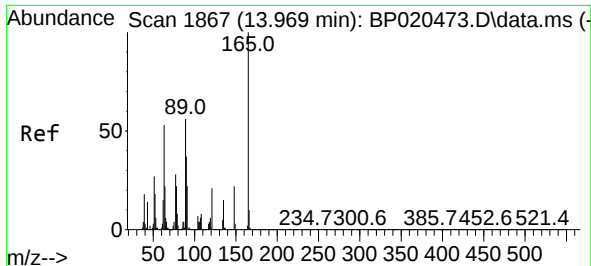
Tgt Ion:152 Resp: 2291534
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 42.680 ng
RT: 13.834 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:163 Resp: 1743281
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.3 12.5

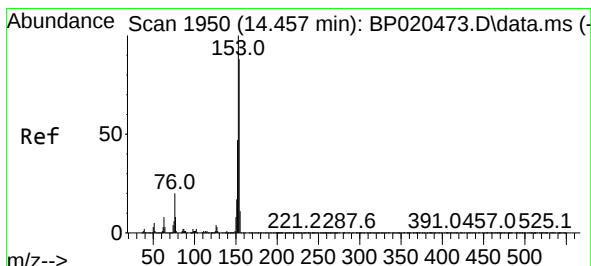
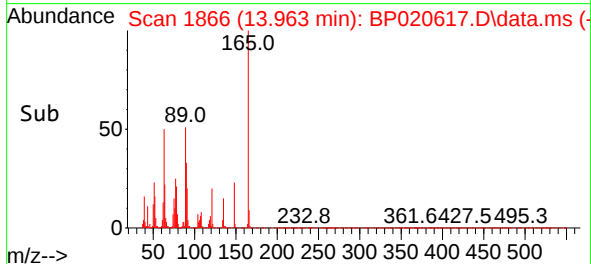
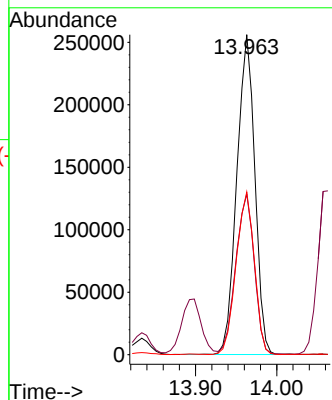
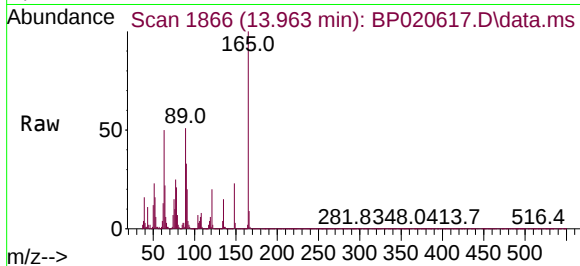




#51
2,6-Dinitrotoluene
Concen: 45.184 ng
RT: 13.963 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

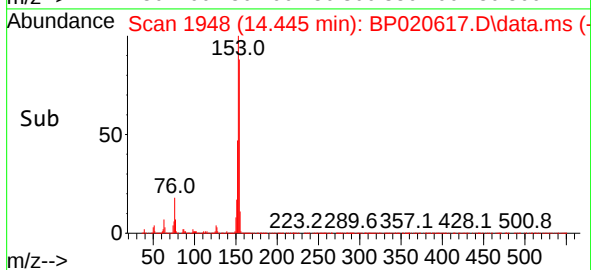
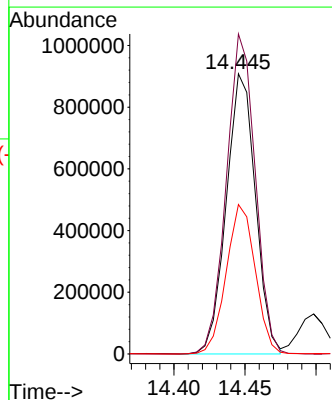
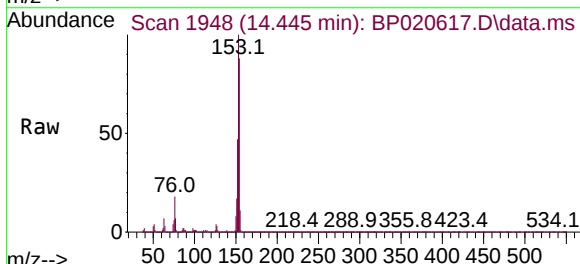
Instrument :
BNA_P
ClientSampleId :
WC-HMS

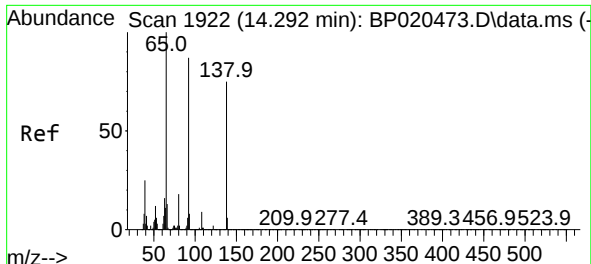
Tgt Ion:165 Resp: 394479
Ion Ratio Lower Upper
165 100
63 50.2 45.6 68.4
89 50.9 44.9 67.3



#52
Acenaphthene
Concen: 42.642 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:154 Resp: 1297525
Ion Ratio Lower Upper
154 100
153 114.2 90.6 136.0
152 53.4 42.6 63.8

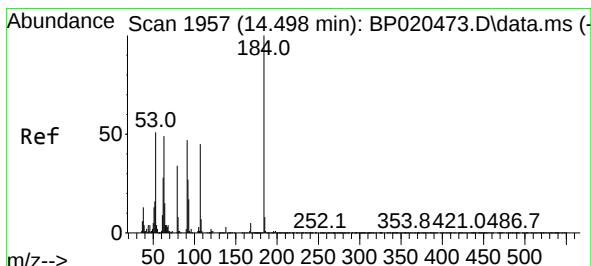
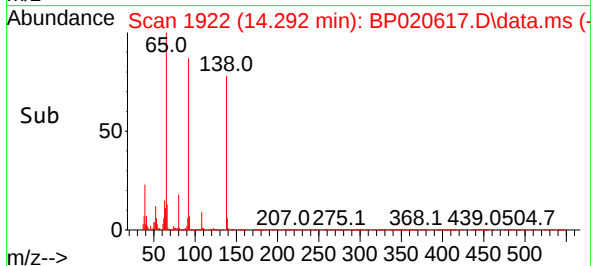
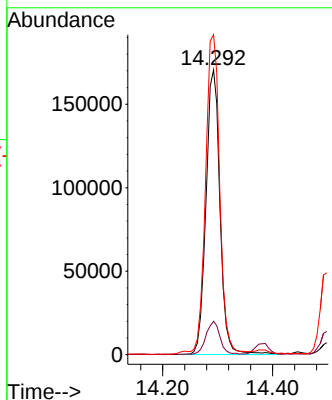
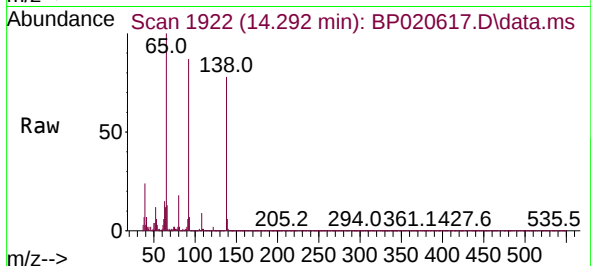




#53
3-Nitroaniline
Concen: 34.337 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

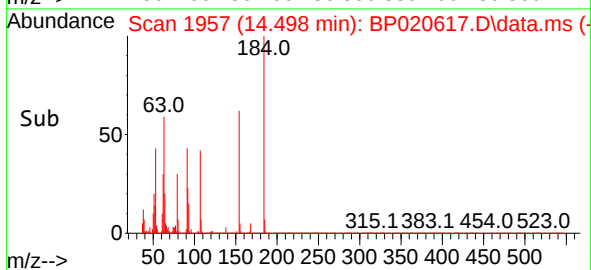
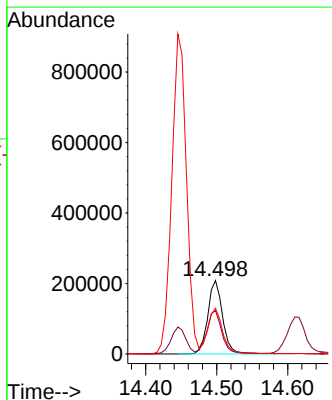
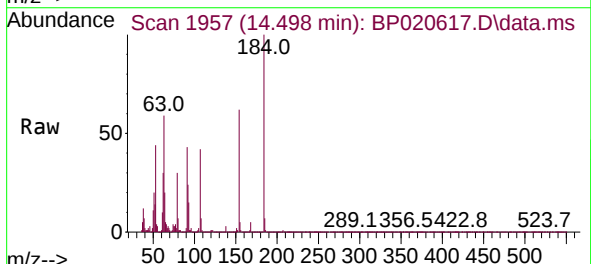
Instrument :
BNA_P
ClientSampleId :
WC-HMS

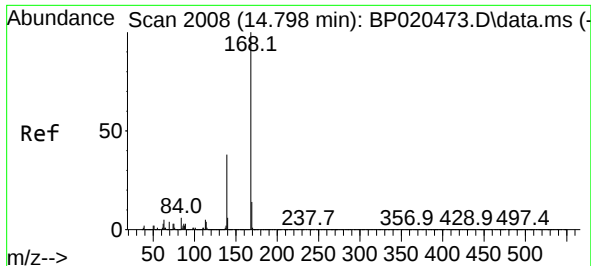
Tgt Ion:138 Resp: 300698
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.6
92 112.4 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 77.965 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:184 Resp: 303276
Ion Ratio Lower Upper
184 100
63 59.1 54.2 81.4
154 62.4 51.0 76.6

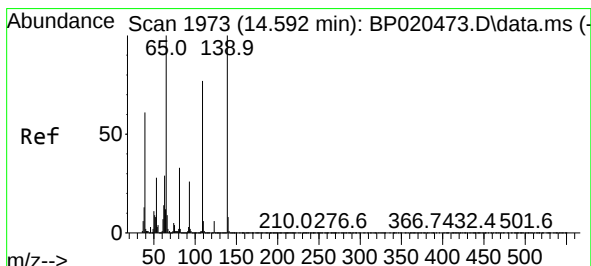
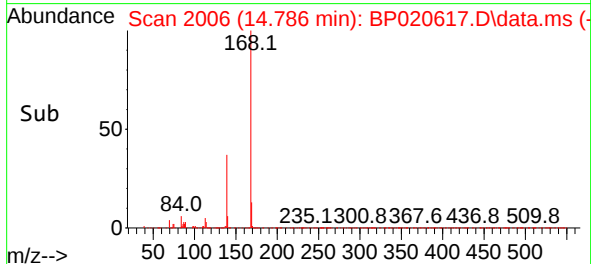
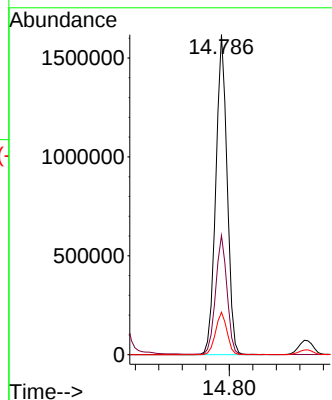
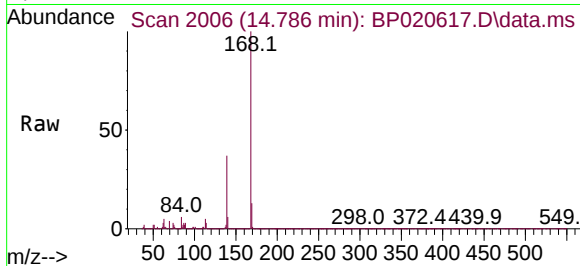




#55
Dibenzenofuran
Concen: 44.806 ng
RT: 14.786 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

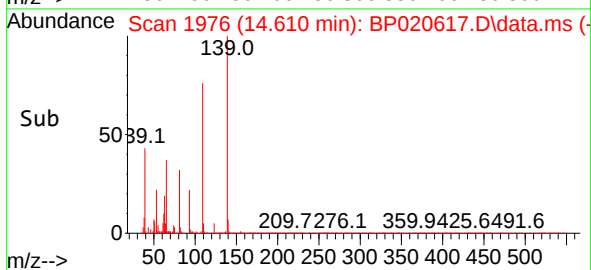
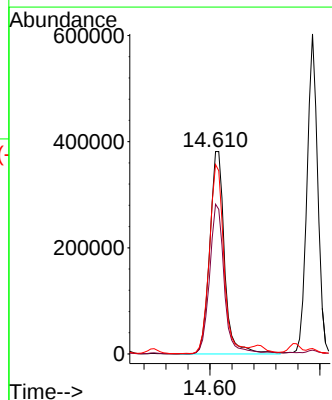
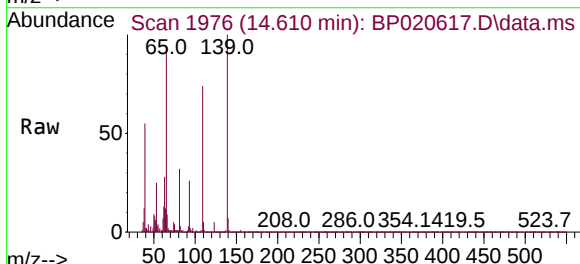
Instrument :
BNA_P
ClientSampleId :
WC-HMS

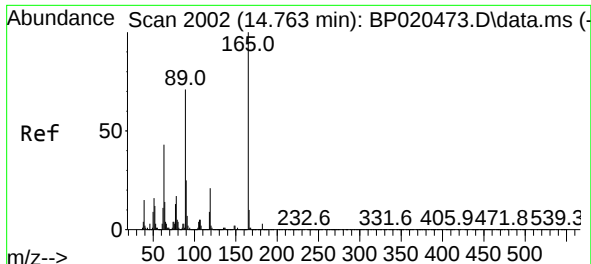
Tgt Ion:168 Resp: 2159723
Ion Ratio Lower Upper
168 100
139 37.3 30.4 45.6
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 105.550 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:139 Resp: 715014
Ion Ratio Lower Upper
139 100
109 73.9 57.4 97.4
65 93.6 80.4 120.4

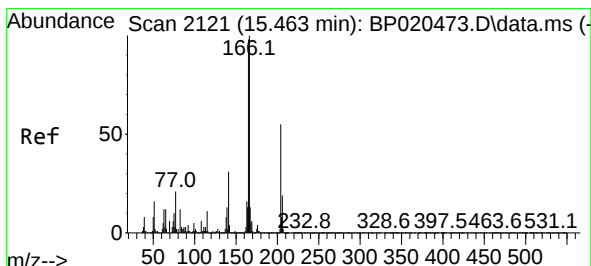
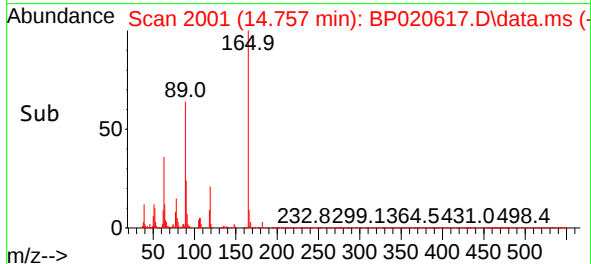
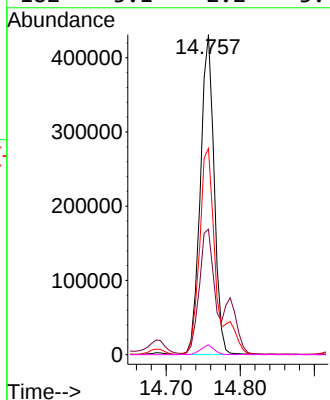
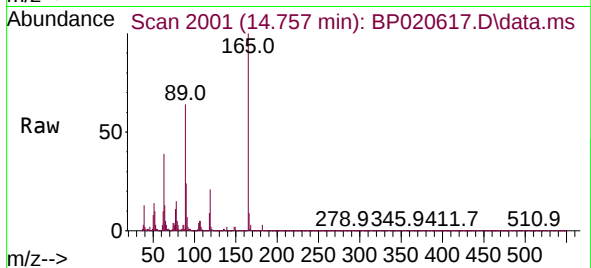




#57
2,4-Dinitrotoluene
Concen: 48.493 ng
RT: 14.757 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

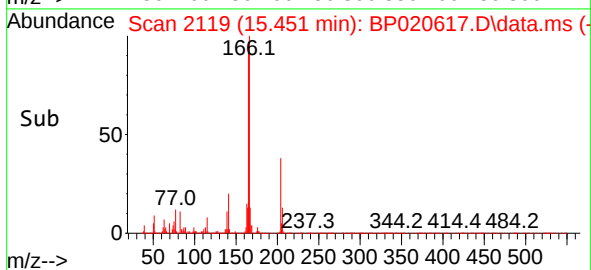
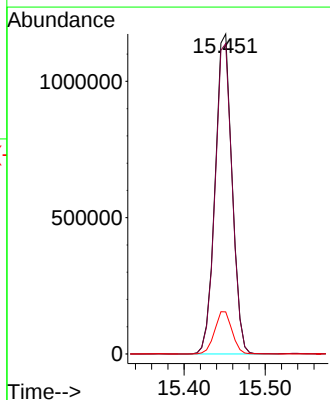
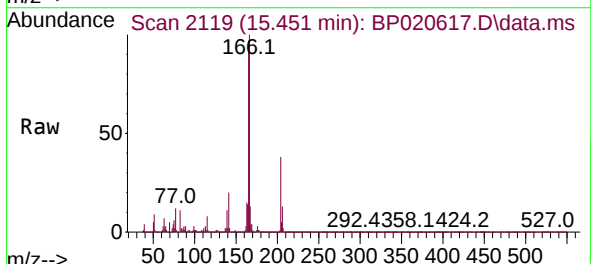
Instrument :
BNA_P
ClientSampleId :
WC-HMS

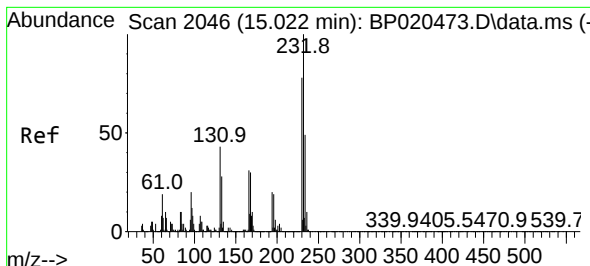
Tgt Ion:165 Resp: 556389
Ion Ratio Lower Upper
165 100
63 39.2 34.9 52.3
89 64.4 56.6 85.0
182 3.1 2.2 3.4



#58
Fluorene
Concen: 44.029 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:166 Resp: 1703761
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.2 10.7 16.1

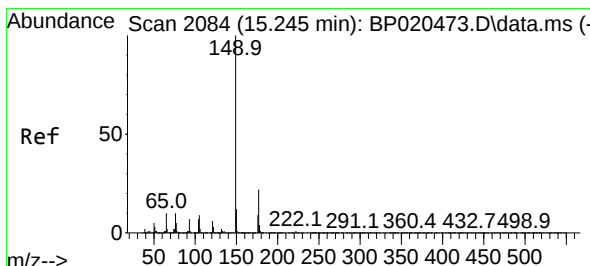
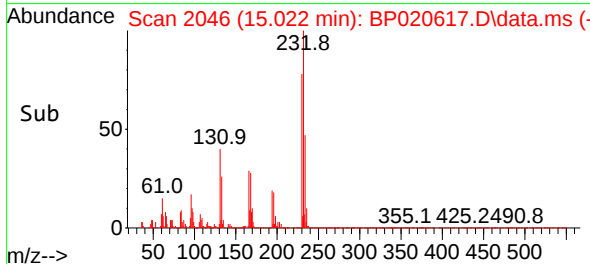
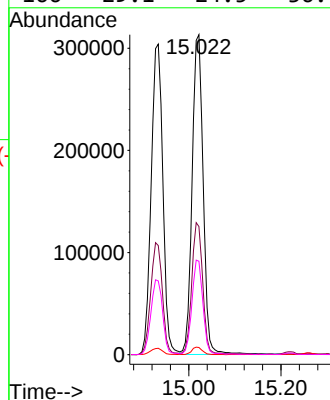
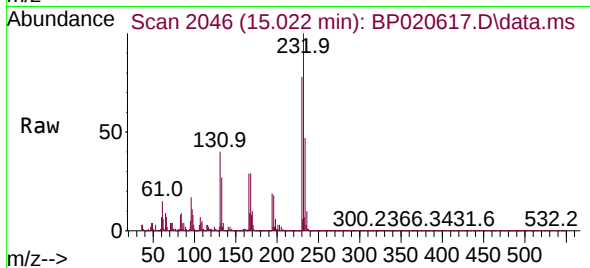




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.331 ng
RT: 15.022 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

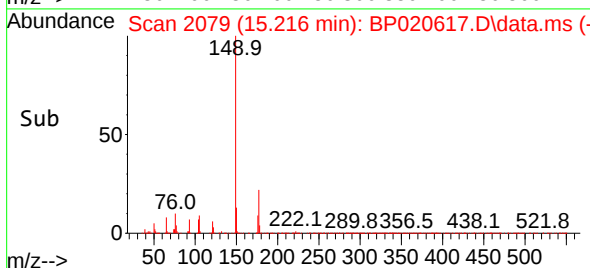
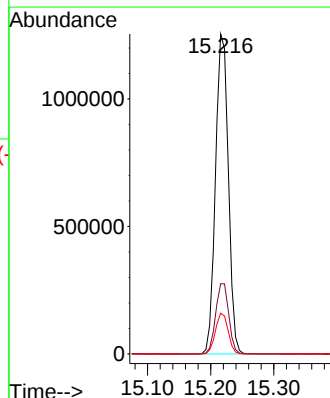
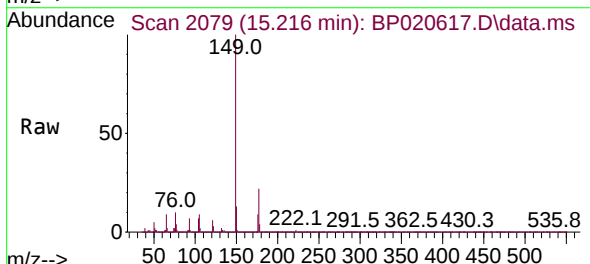
Instrument :
BNA_P
ClientSampleId :
WC-HMS

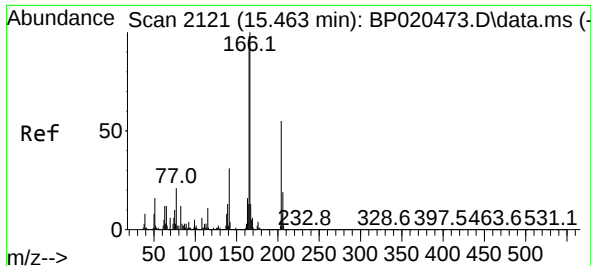
Tgt Ion:	232	Resp:	519836
Ion	Ratio	Lower	Upper
232	100		
131	40.3	34.8	52.2
130	2.4	1.9	2.9
166	29.1	24.5	36.7



#60
Diethylphthalate
Concen: 42.526 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.030 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:	149	Resp:	1765701
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.8
150	12.8	9.8	14.8

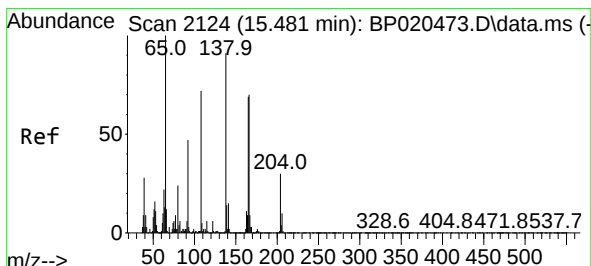
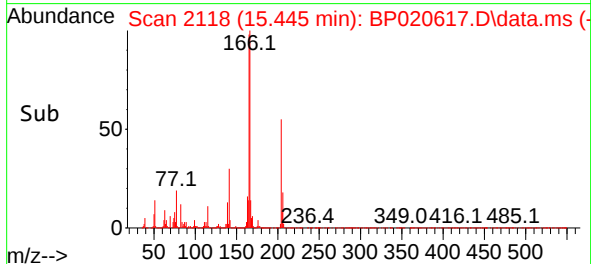
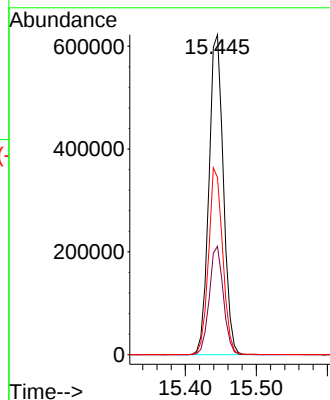
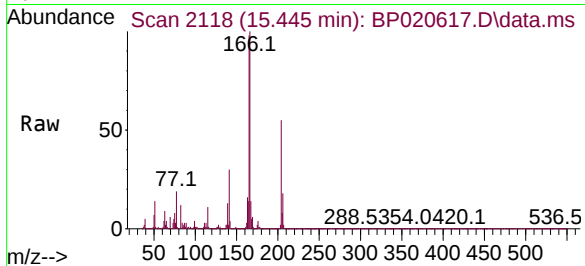




#61
4-Chlorophenyl-phenylether
Concen: 44.007 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

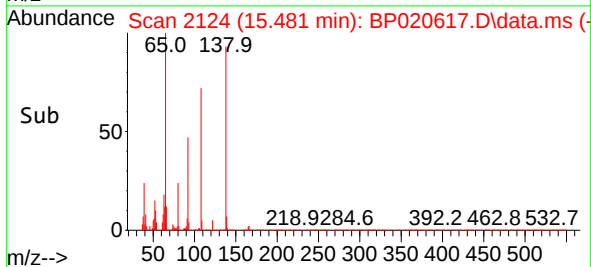
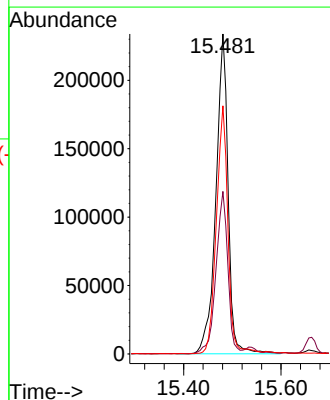
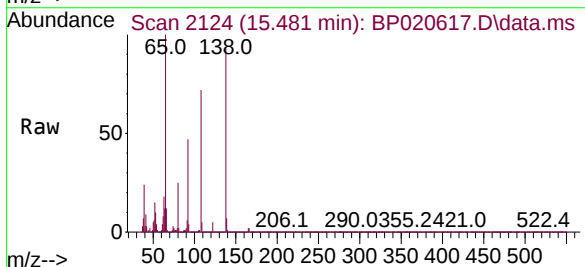
Instrument :
BNA_P
ClientSampleId :
WC-HMS

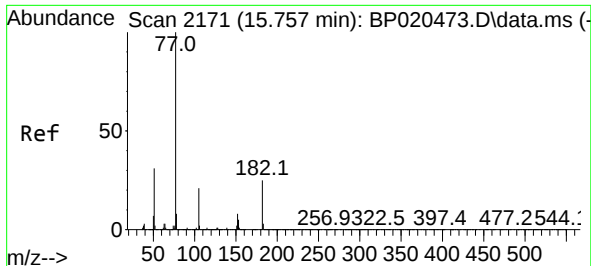
Tgt Ion:204 Resp: 878746
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 55.4 45.0 67.6



#62
4-Nitroaniline
Concen: 45.033 ng
RT: 15.481 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:138 Resp: 406237
Ion Ratio Lower Upper
138 100
92 50.8 31.7 71.7
108 77.6 59.9 99.9

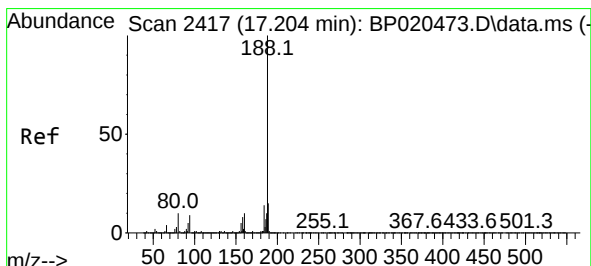
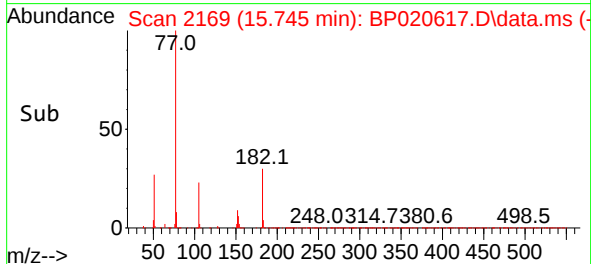
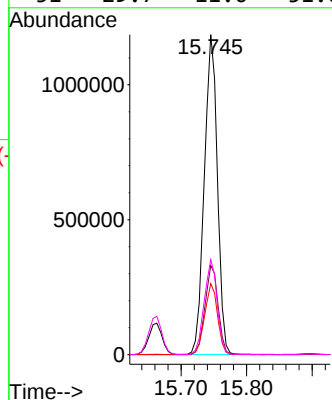
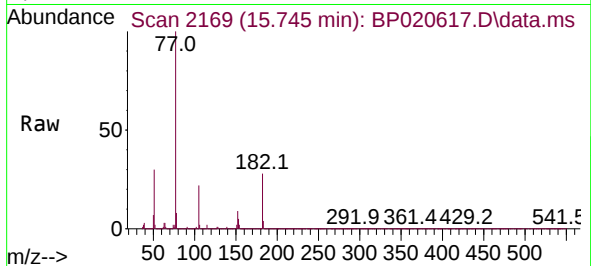




#63
Azobenzene
Concen: 42.441 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

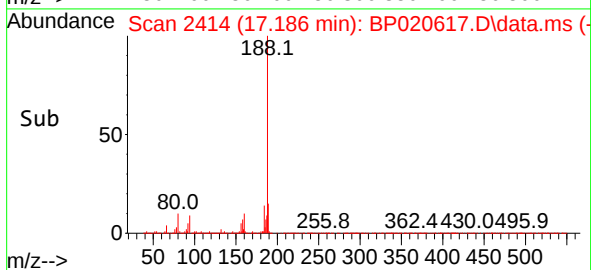
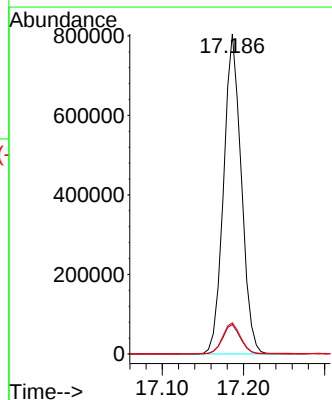
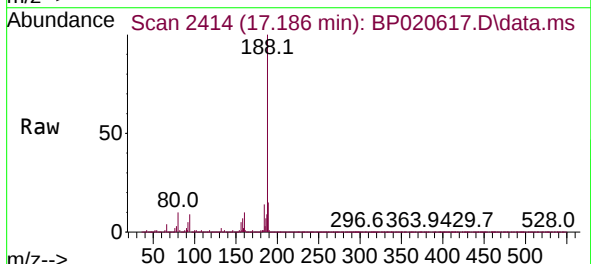
Instrument :
BNA_P
ClientSampleId :
WC-HMS

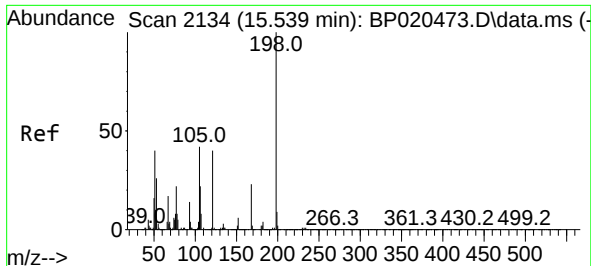
Tgt Ion: 77 Resp: 1645440
Ion Ratio Lower Upper
77 100
182 27.8 4.6 44.6
105 22.2 1.2 41.2
51 29.7 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:188 Resp: 1216876
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 8.1 12.1

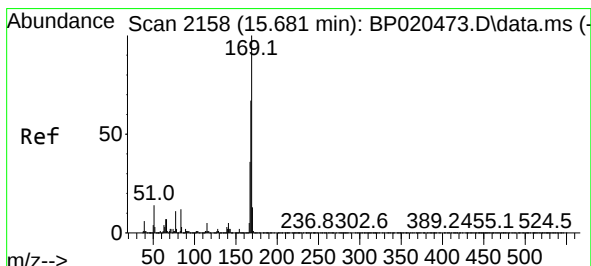
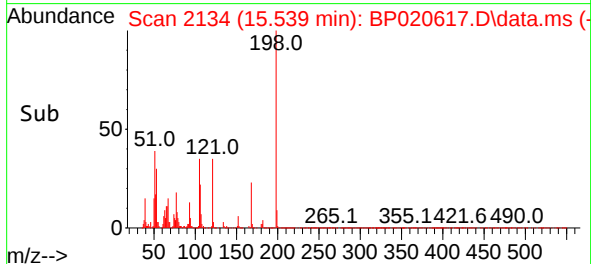
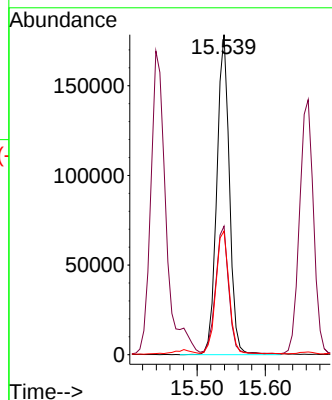
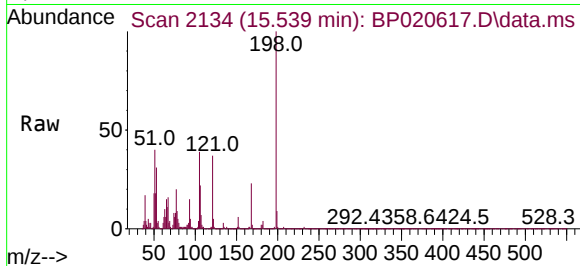




#65
4,6-Dinitro-2-methylphenol
Concen: 43.437 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

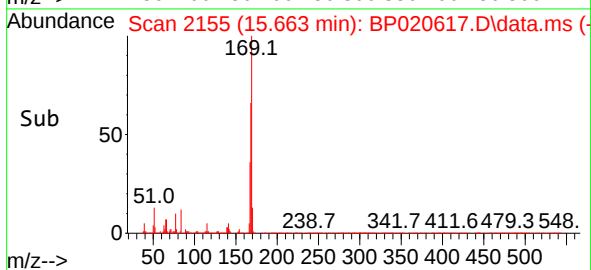
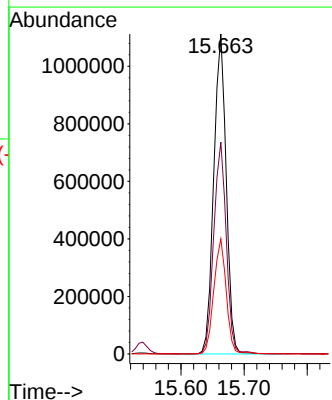
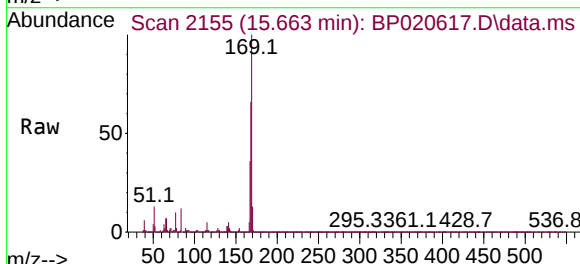
Instrument :
BNA_P
ClientSampleId :
WC-HMS

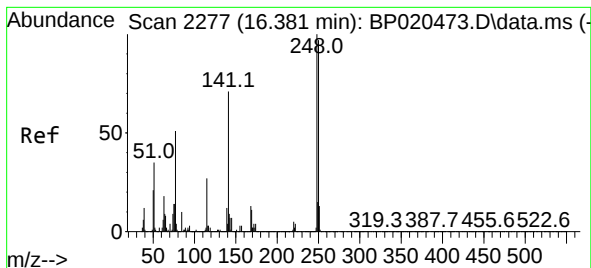
Tgt Ion:198 Resp: 229670
Ion Ratio Lower Upper
198 100
51 40.1 24.8 64.8
105 38.6 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 45.456 ng
RT: 15.663 min Scan# 2155
Delta R.T. -0.018 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:169 Resp: 1520784
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 35.9 28.7 43.1

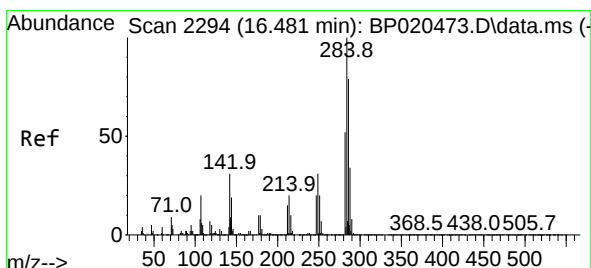
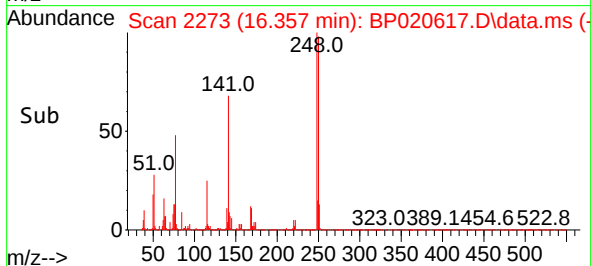
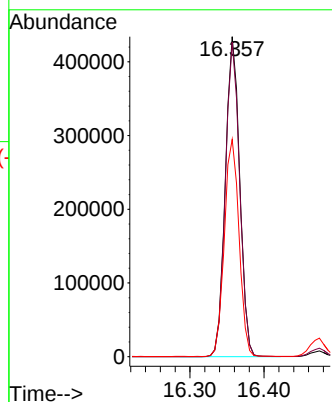
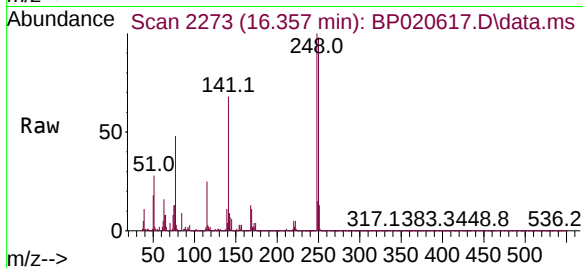




#67
4-Bromophenyl-phenylether
Concen: 46.923 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

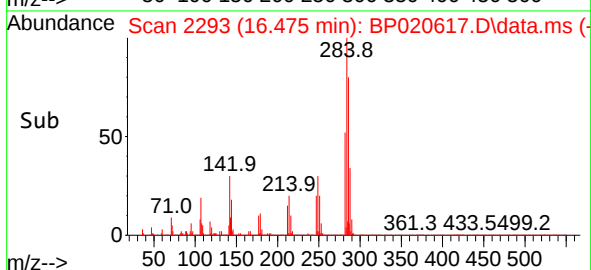
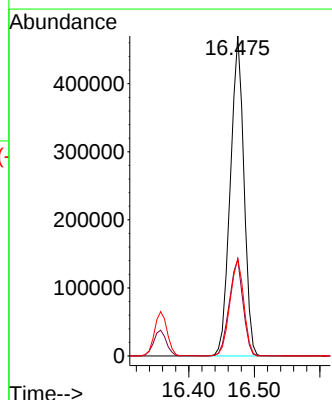
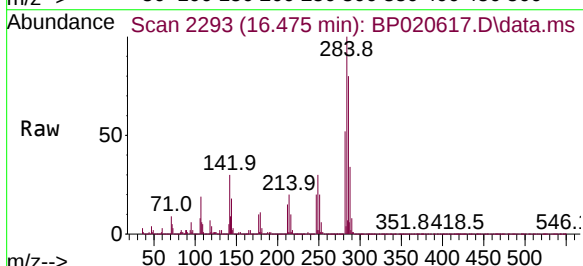
Instrument :
BNA_P
ClientSampleId :
WC-HMS

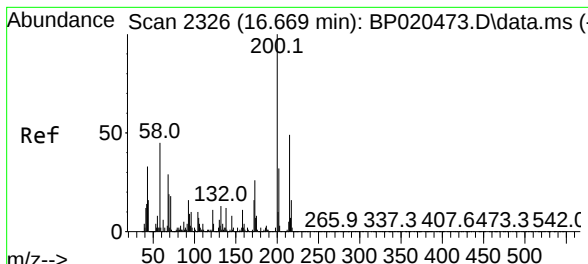
Tgt Ion:248 Resp: 584159
Ion Ratio Lower Upper
248 100
250 98.2 77.4 116.0
141 67.9 56.5 84.7



#68
Hexachlorobenzene
Concen: 46.243 ng
RT: 16.475 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:284 Resp: 677540
Ion Ratio Lower Upper
284 100
142 30.2 24.5 36.7
249 30.5 25.3 37.9





#69

Atrazine

Concen: 48.595 ng

RT: 16.645 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

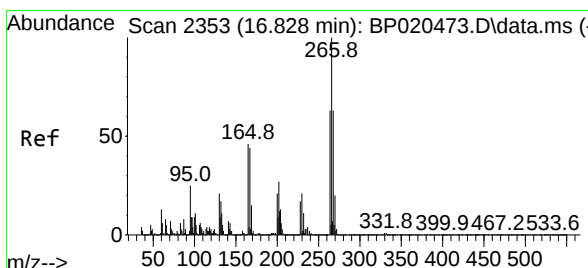
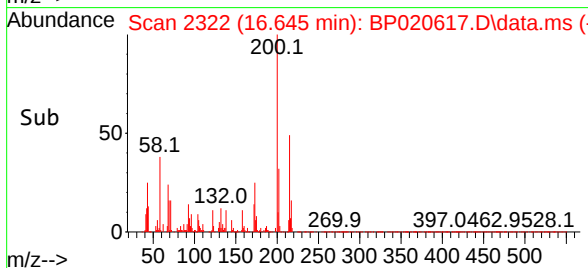
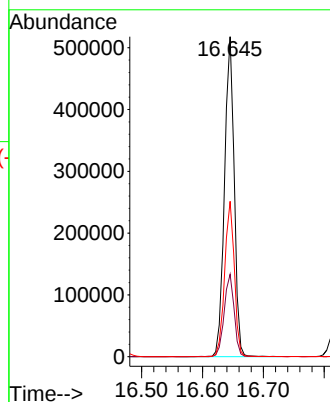
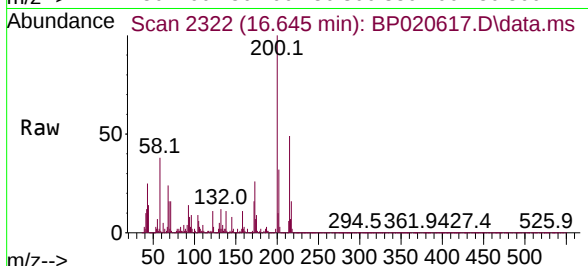
Tgt Ion:200 Resp: 571970

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 101.862 ng

RT: 16.828 min Scan# 2353

Delta R.T. -0.000 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

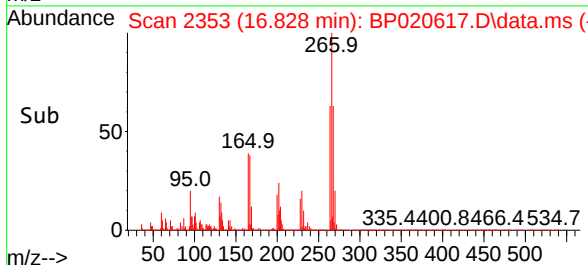
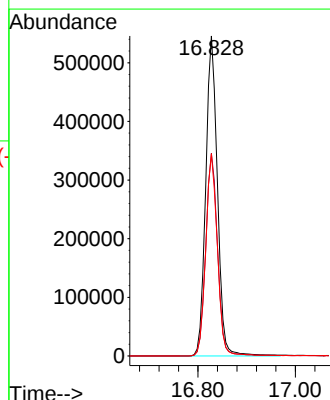
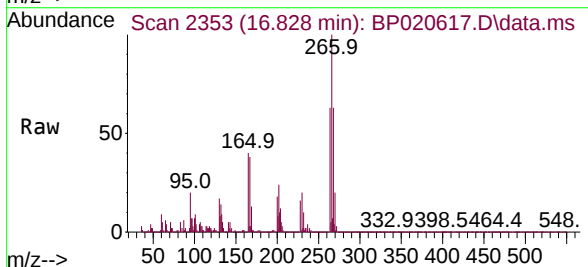
Tgt Ion:266 Resp: 906443

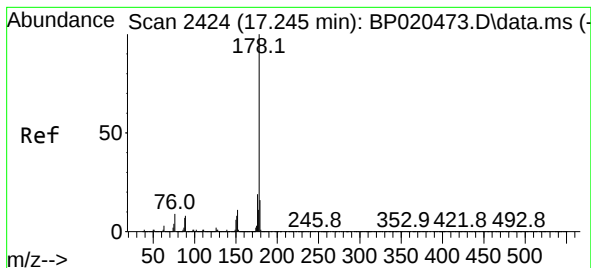
Ion Ratio Lower Upper

266 100

268 63.3 50.1 75.1

264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 46.324 ng

RT: 17.233 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

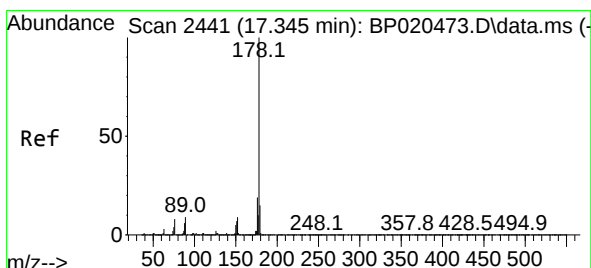
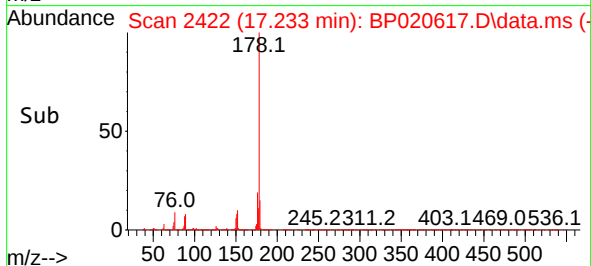
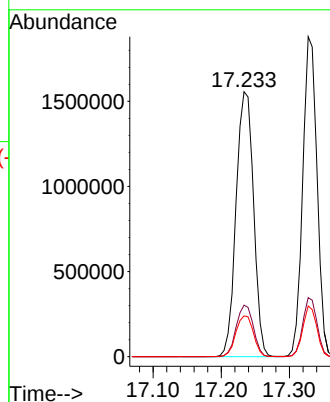
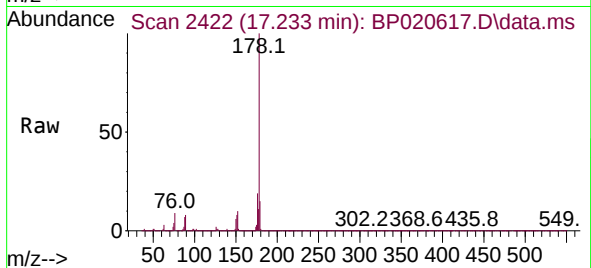
Tgt Ion:178 Resp: 2771041

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.5 18.7



#72

Anthracene

Concen: 46.861 ng

RT: 17.328 min Scan# 2438

Delta R.T. -0.018 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

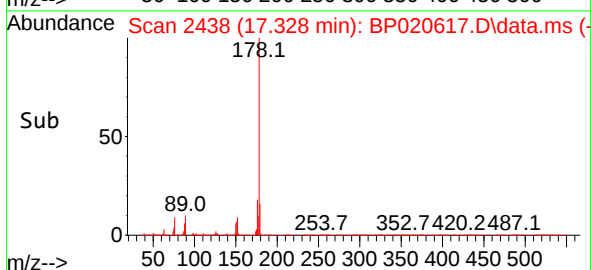
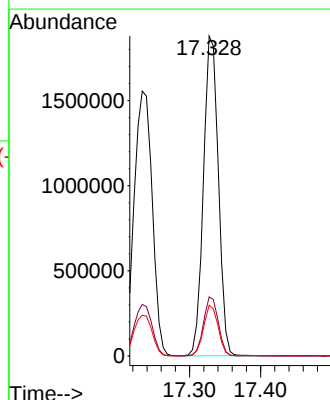
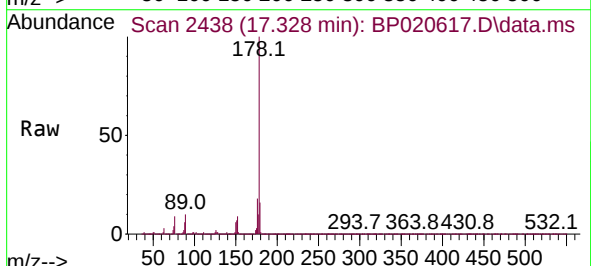
Tgt Ion:178 Resp: 2750645

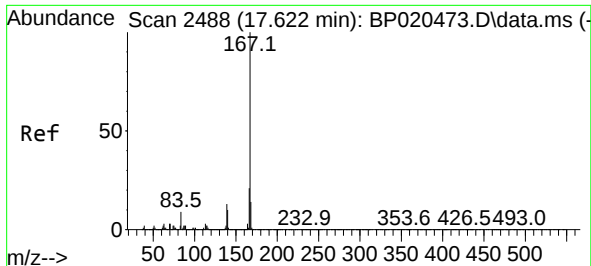
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.8 12.2 18.4

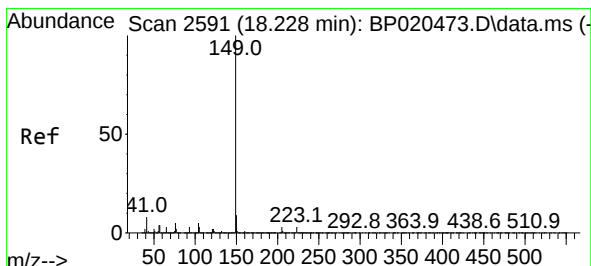
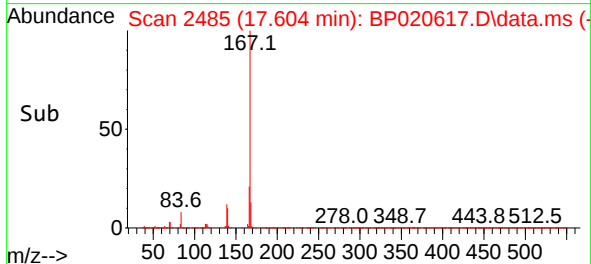
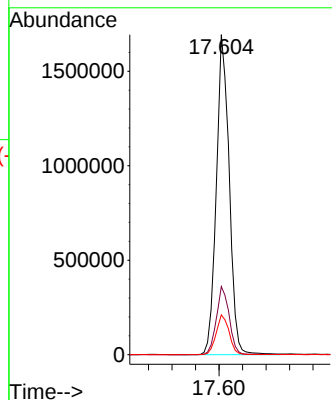
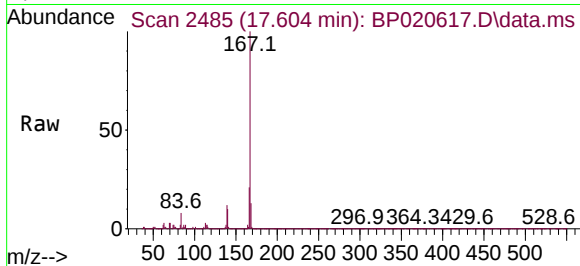




#73
 Carbazole
 Concen: 45.298 ng
 RT: 17.604 min Scan# 2485
 Delta R.T. -0.018 min
 Lab File: BP020617.D
 Acq: 13 Jun 2024 18:50

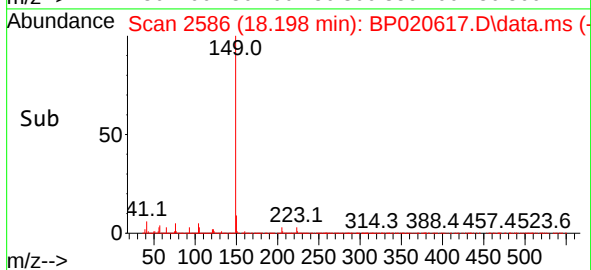
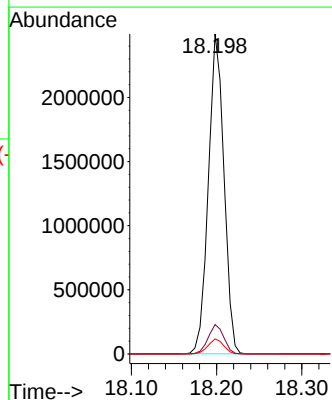
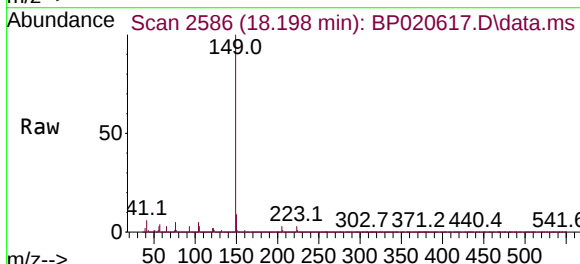
Instrument :
 BNA_P
 ClientSampleId :
 WC-HMS

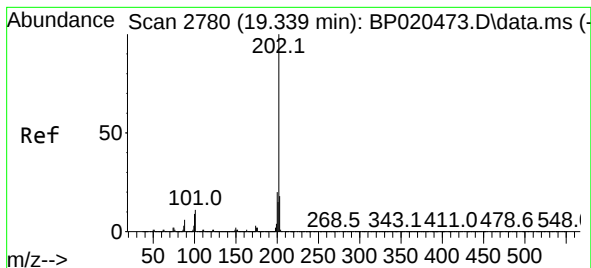
Tgt Ion:167 Resp: 2571889
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.033 ng
 RT: 18.198 min Scan# 2586
 Delta R.T. -0.030 min
 Lab File: BP020617.D
 Acq: 13 Jun 2024 18:50

Tgt Ion:149 Resp: 3165079
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 4.2 6.2





#75

Fluoranthene

Concen: 45.673 ng

RT: 19.322 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

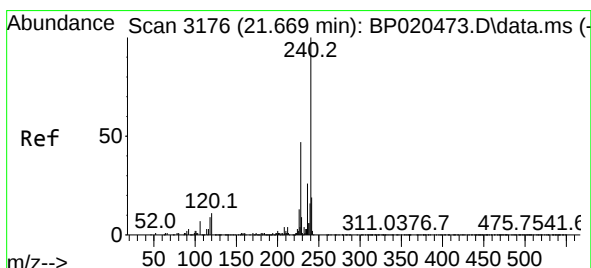
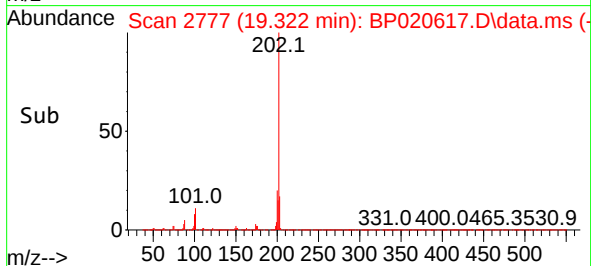
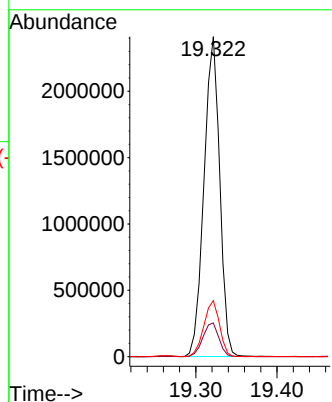
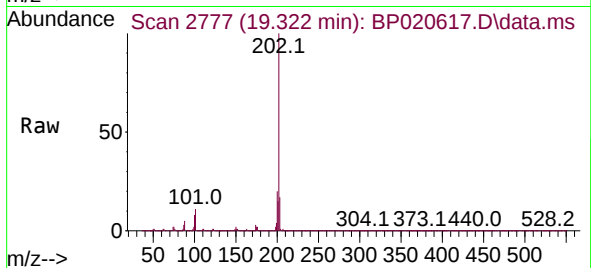
Tgt Ion:202 Resp: 3232181

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

203 17.5 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.639 min Scan# 3171

Delta R.T. -0.029 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

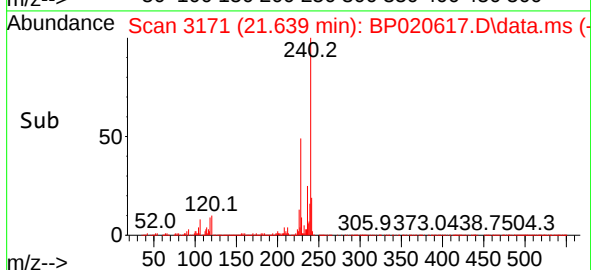
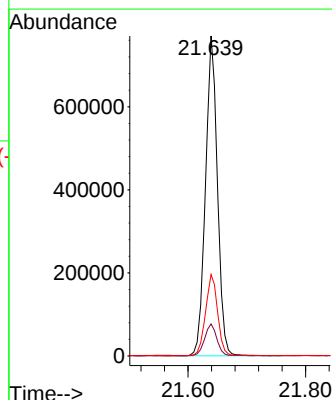
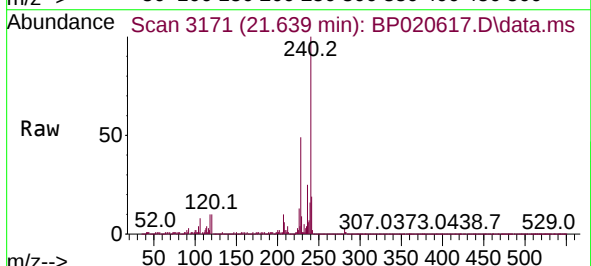
Tgt Ion:240 Resp: 1087842

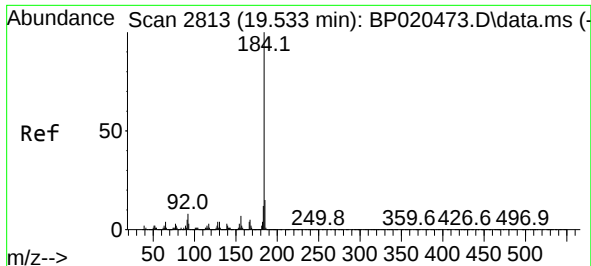
Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

236 25.4 20.5 30.7

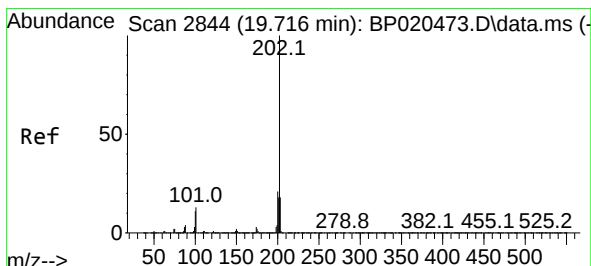
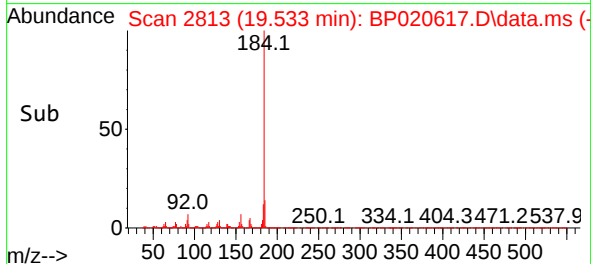
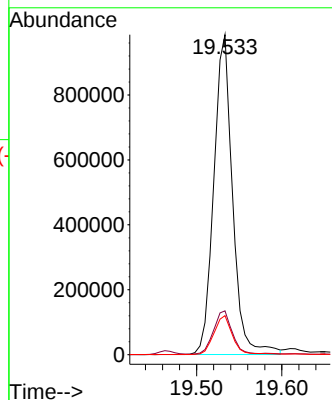
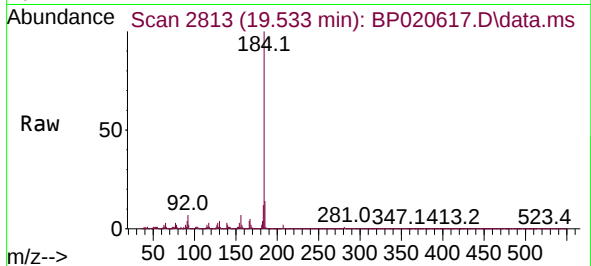




#77
Benzidine
Concen: 40.270 ng
RT: 19.533 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

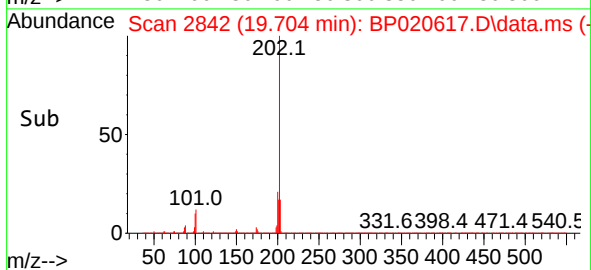
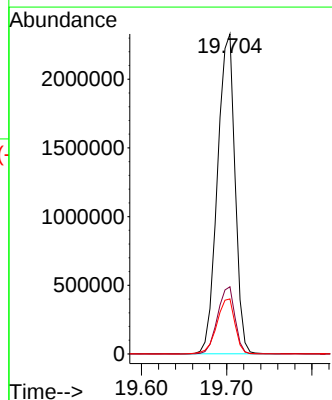
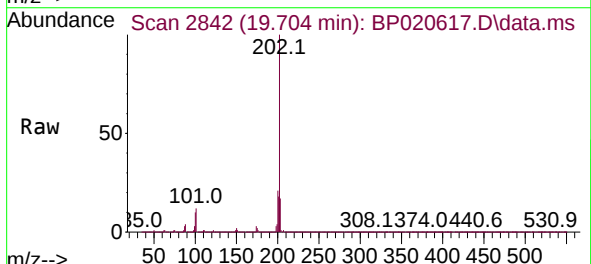
Instrument :
BNA_P
ClientSampleId :
WC-HMS

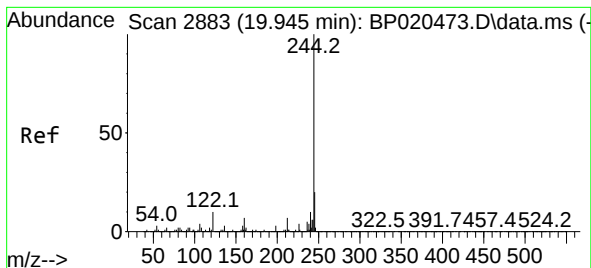
Tgt Ion:184 Resp: 1514951
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 12.2 9.4 14.0



#78
Pyrene
Concen: 40.740 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:202 Resp: 3333558
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 65.544 ng

RT: 19.922 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

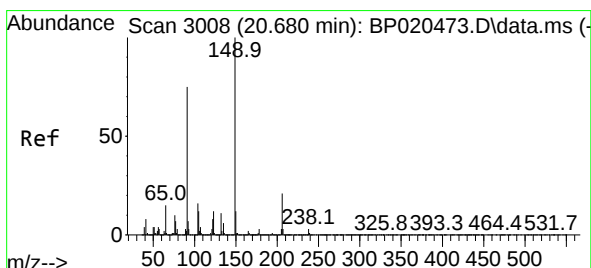
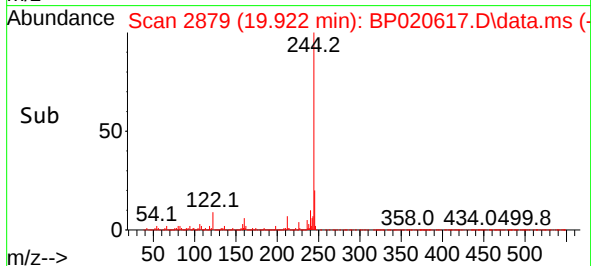
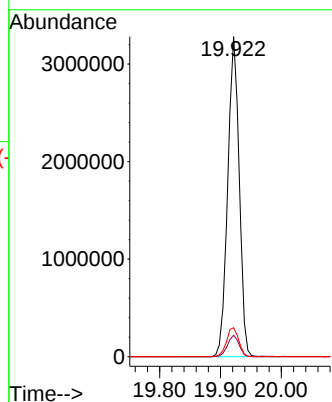
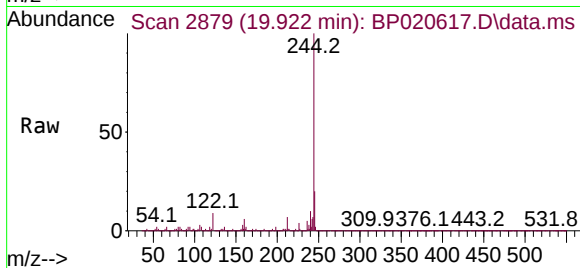
Tgt Ion:244 Resp: 4283067

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 9.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 43.753 ng

RT: 20.657 min Scan# 3004

Delta R.T. -0.023 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

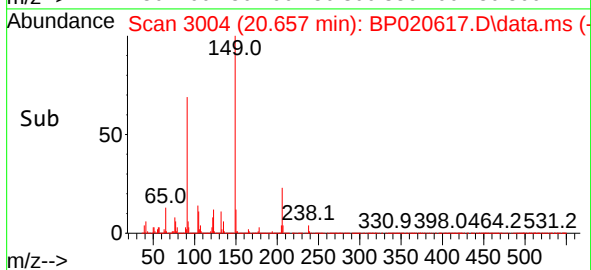
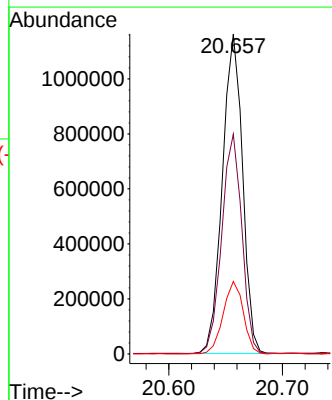
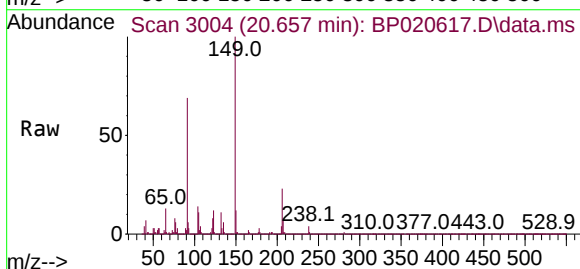
Tgt Ion:149 Resp: 1434298

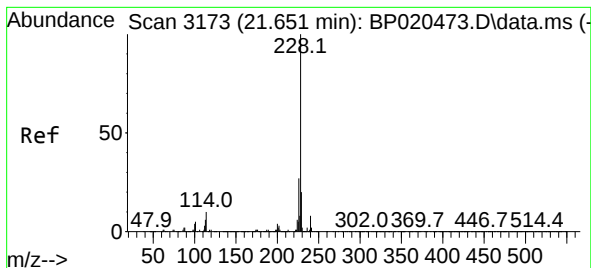
Ion Ratio Lower Upper

149 100

91 68.7 60.0 90.0

206 22.6 16.6 25.0





#81

Benzo(a)anthracene

Concen: 45.569 ng

RT: 21.621 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

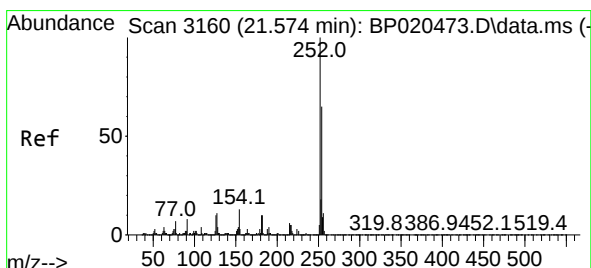
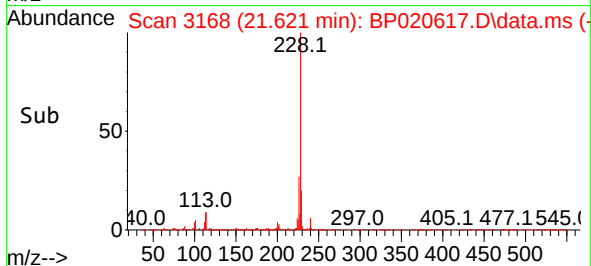
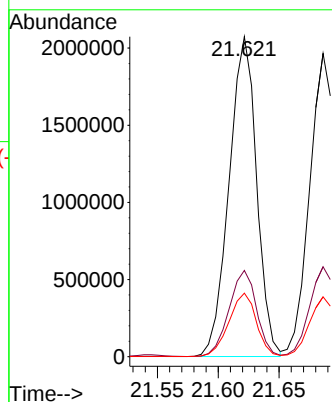
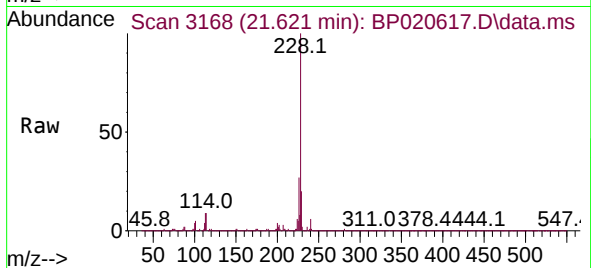
Tgt Ion:228 Resp: 3264039

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 50.457 ng

RT: 21.545 min Scan# 3155

Delta R.T. -0.029 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

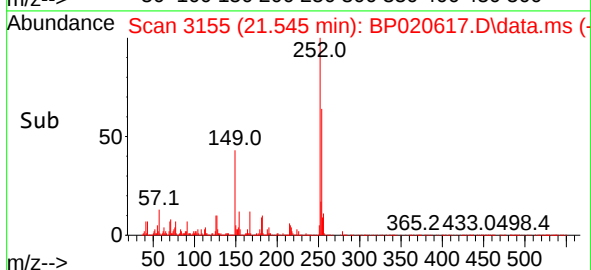
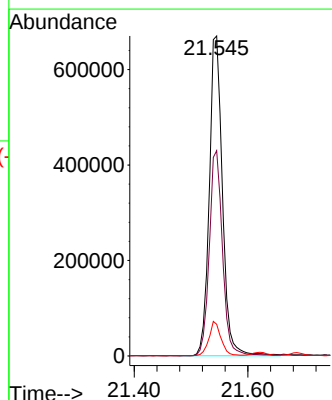
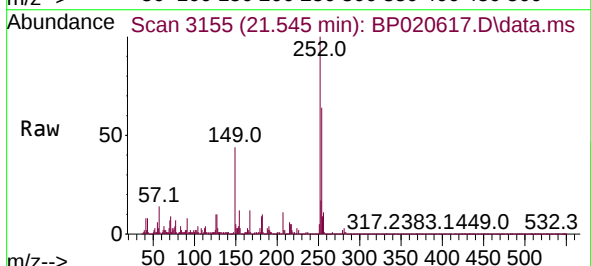
Tgt Ion:252 Resp: 1074352

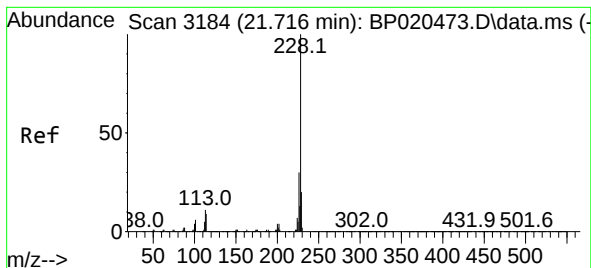
Ion Ratio Lower Upper

252 100

254 64.1 51.7 77.5

126 9.9 8.3 12.5





#83

Chrysene

Concen: 46.326 ng

RT: 21.686 min Scan# 3118

Delta R.T. -0.029 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

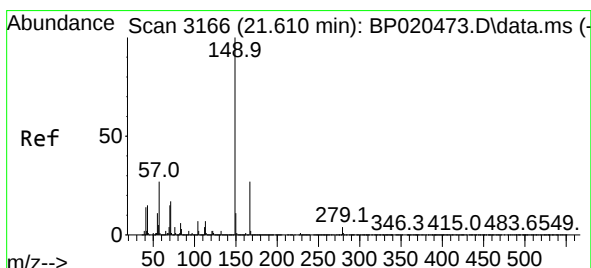
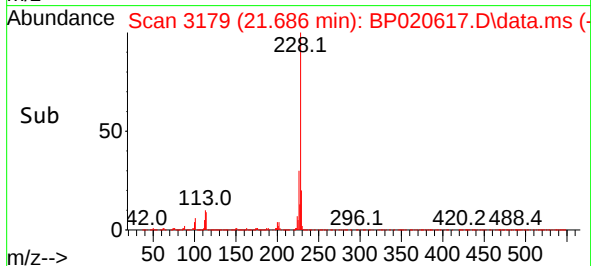
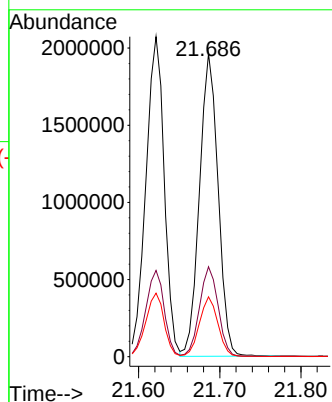
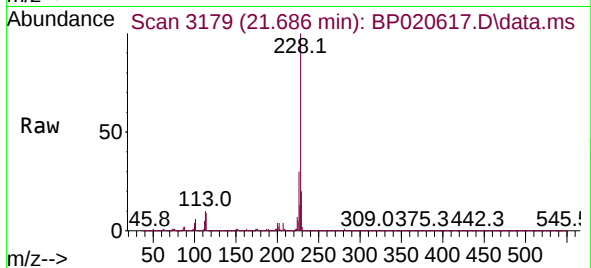
Tgt Ion:228 Resp: 3126726

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.133 ng

RT: 21.563 min Scan# 3158

Delta R.T. -0.047 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

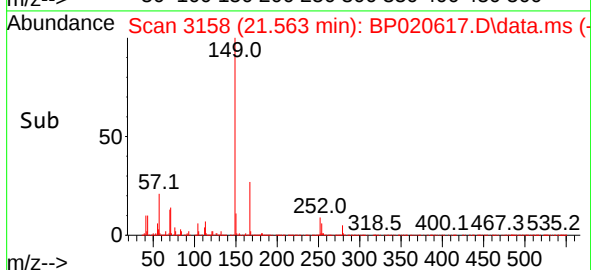
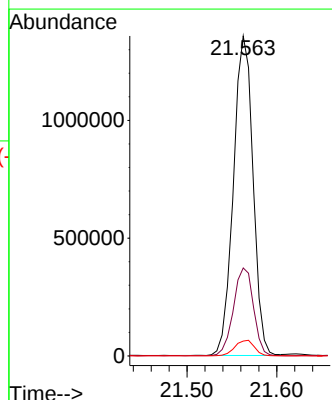
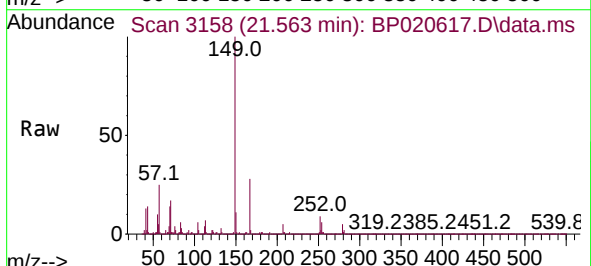
Tgt Ion:149 Resp: 2055236

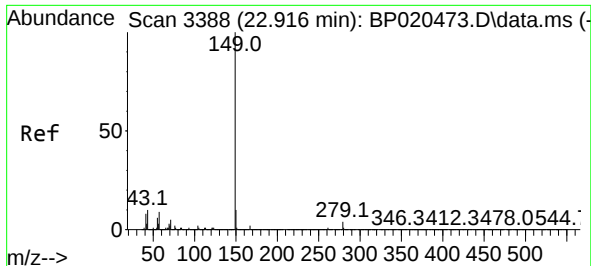
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.7 3.4 5.0

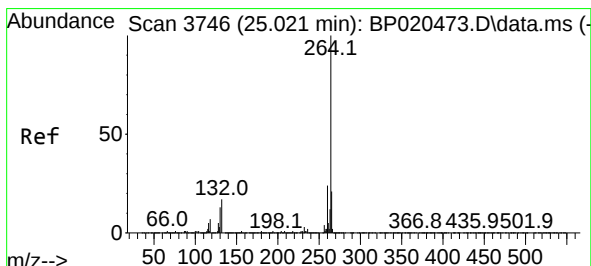
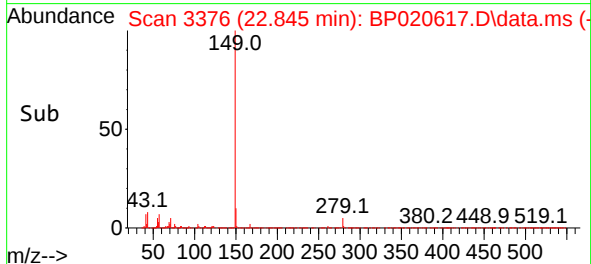
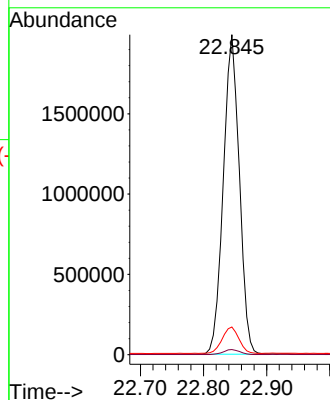
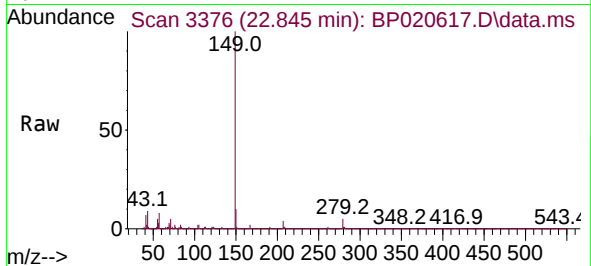




#85
Di-n-octyl phthalate
Concen: 51.734 ng
RT: 22.845 min Scan# 31
Delta R.T. -0.071 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

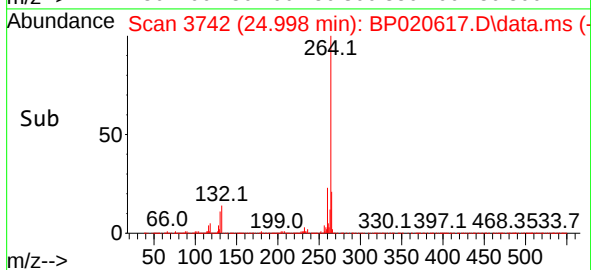
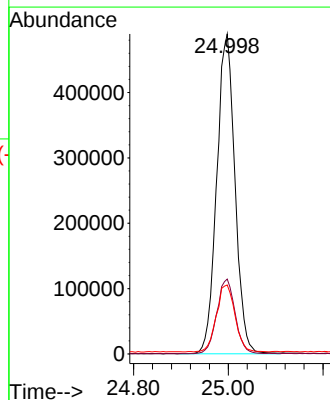
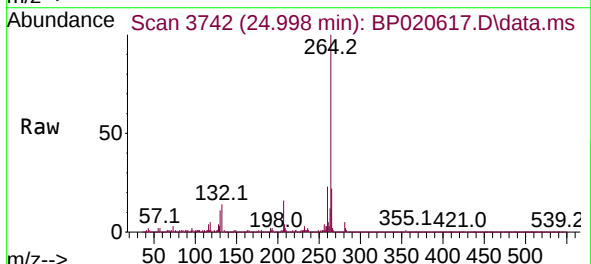
Instrument :
BNA_P
ClientSampleId :
WC-HMS

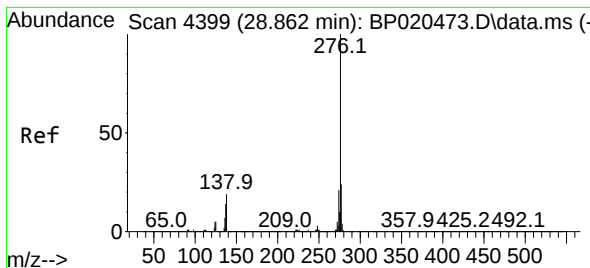
Tgt Ion:149 Resp: 3501657
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3742
Delta R.T. -0.024 min
Lab File: BP020617.D
Acq: 13 Jun 2024 18:50

Tgt Ion:264 Resp: 1307447
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.558 ng

RT: 28.821 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

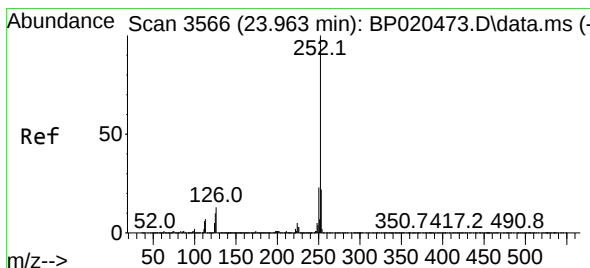
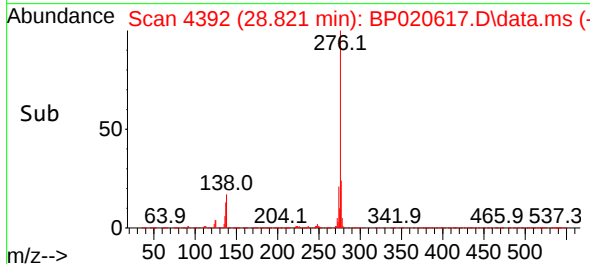
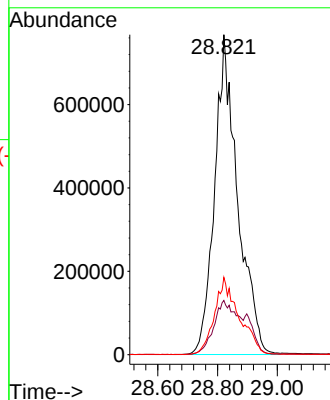
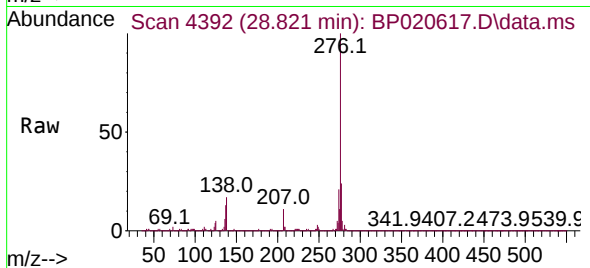
Tgt Ion:276 Resp: 4099089

Ion Ratio Lower Upper

276 100

138 17.4 12.8 19.2

277 25.6 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 40.936 ng

RT: 23.933 min Scan# 3561

Delta R.T. -0.029 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

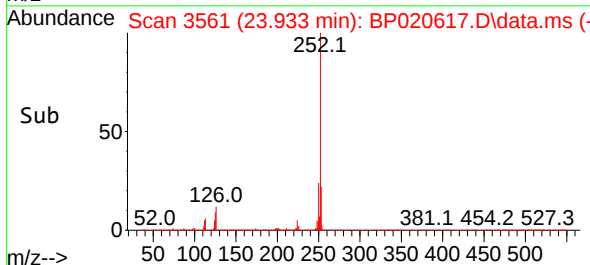
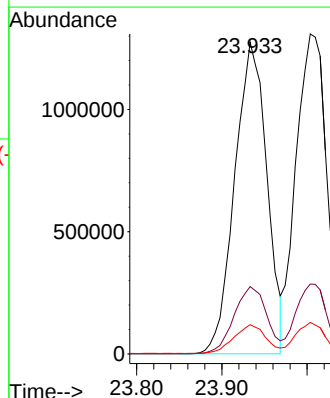
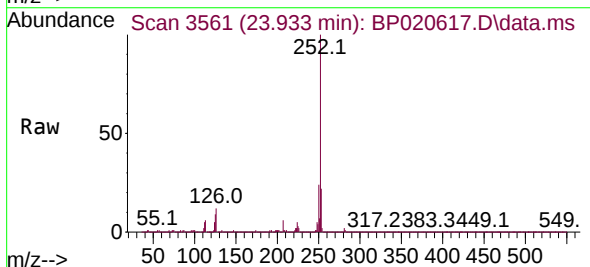
Tgt Ion:252 Resp: 3334321

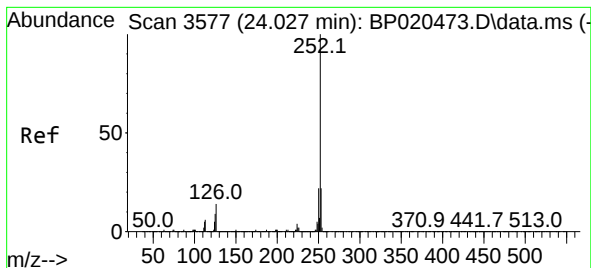
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.381 ng

RT: 24.004 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

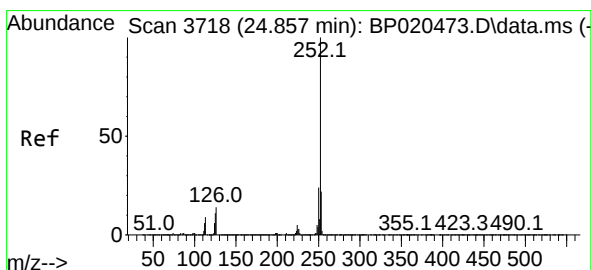
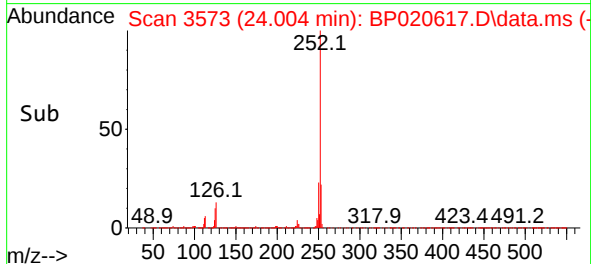
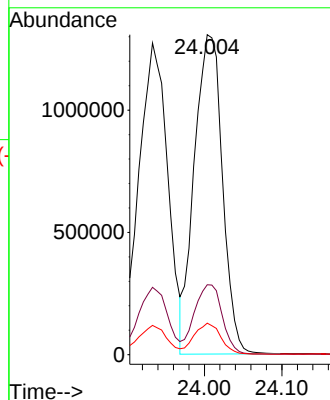
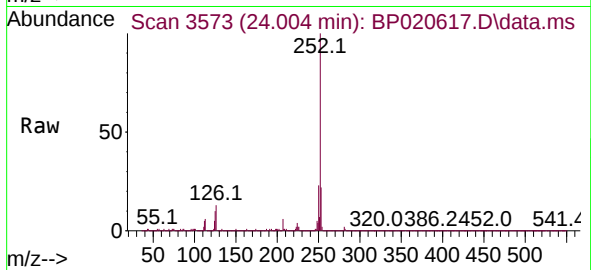
Tgt Ion:252 Resp: 3287397

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 9.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 46.367 ng

RT: 24.851 min Scan# 3717

Delta R.T. -0.006 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

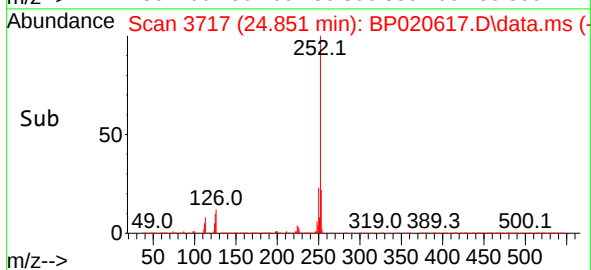
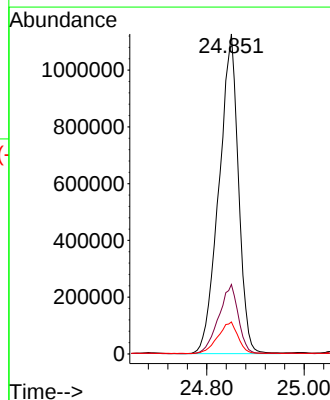
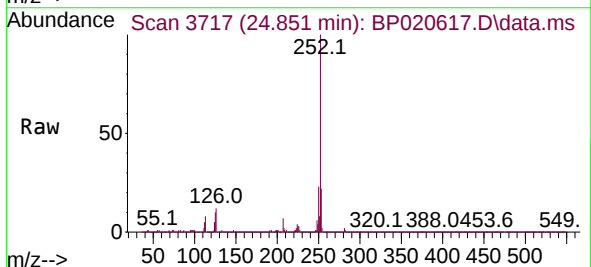
Tgt Ion:252 Resp: 3127746

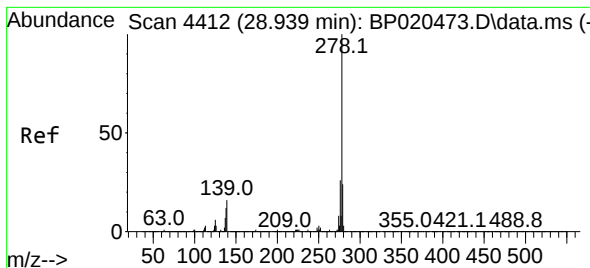
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.558 ng

RT: 28.903 min Scan# 4412

Delta R.T. -0.035 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Instrument :

BNA_P

ClientSampleId :

WC-HMS

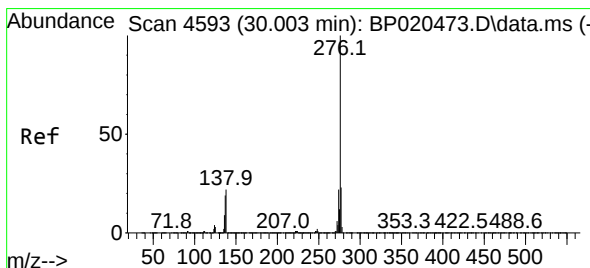
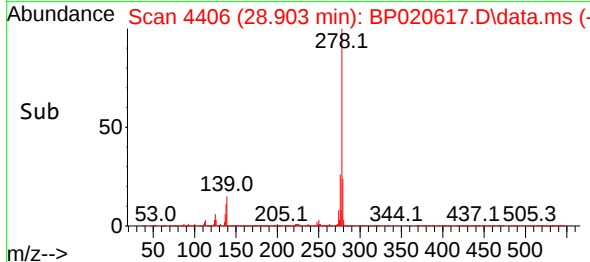
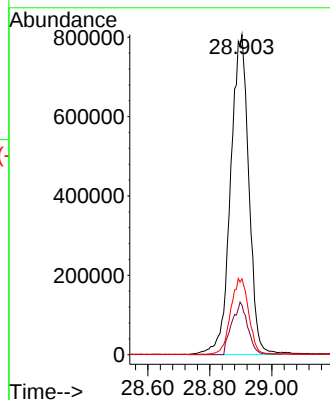
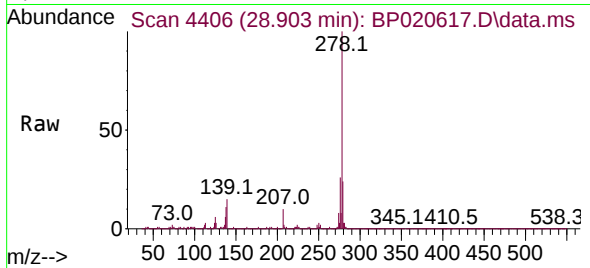
Tgt Ion:278 Resp: 3286430

Ion Ratio Lower Upper

278 100

139 15.5 13.0 19.4

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 47.679 ng

RT: 29.986 min Scan# 4590

Delta R.T. -0.018 min

Lab File: BP020617.D

Acq: 13 Jun 2024 18:50

Tgt Ion:276 Resp: 3160338

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 19.6 17.7 26.5

