

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
 Data File : BP020542.D
 Acq On : 06 Jun 2024 15:10
 Operator : MA/JU
 Sample : PB161290BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161290BS

Quant Time: Jun 06 16:01:05 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	7.763	152	280216	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	997174	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	563266	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1119554	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1148508	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1355563	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2007512	128.271	ng	0.00
7) Phenol-d6	6.934	99	2402466	108.850	ng	0.00
23) Nitrobenzene-d5	8.910	82	1488853	81.731	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	843792	144.346	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3243675	85.846	ng	0.00
79) Terphenyl-d14	19.933	244	4924499	71.379	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.323	88	232189	36.717	ng 96
3) Pyridine	3.711	79	576192	32.407	ng 95
4) n-Nitrosodimethylamine	3.623	42	329666	38.173	ng 95
6) Aniline	7.099	93	556808	24.897	ng 97
8) 2-Chlorophenol	7.328	128	720993	41.096	ng 97
9) Benzaldehyde	6.916	77	89695	6.335	ng 98
10) Phenol	6.958	94	853969	37.773	ng 98
11) bis(2-Chloroethyl)ether	7.193	93	697848	37.429	ng 99
12) 1,3-Dichlorobenzene	7.652	146	860207	41.615	ng 98
13) 1,4-Dichlorobenzene	7.799	146	865235	41.184	ng 98
14) 1,2-Dichlorobenzene	8.111	146	826283	40.753	ng 99
15) Benzyl Alcohol	7.999	79	607134	37.240	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	976083	35.066	ng 98
17) 2-Methylphenol	8.193	107	556786	36.292	ng 99
18) Hexachloroethane	8.828	117	315622	41.143	ng 95
19) n-Nitroso-di-n-propyla...	8.558	70	502787	33.369	ng 96
20) 3+4-Methylphenols	8.516	107	733494	35.150	ng 98
22) Acetophenone	8.575	105	1027788	41.523	ng # 98
24) Nitrobenzene	8.952	77	747689	40.443	ng 99
25) Isophorone	9.475	82	1331445	37.618	ng 99
26) 2-Nitrophenol	9.646	139	347387	47.540	ng 98
27) 2,4-Dimethylphenol	9.710	122	454012	42.460	ng 98
28) bis(2-Chloroethoxy)met...	9.952	93	817637	37.585	ng 98
29) 2,4-Dichlorophenol	10.187	162	609778	42.507	ng 98
30) 1,2,4-Trichlorobenzene	10.393	180	740233	43.466	ng 98
31) Naphthalene	10.587	128	2088490	40.969	ng 99
32) Benzoic acid	9.834	122	388586	39.643	ng 98
33) 4-Chloroaniline	10.687	127	346487	17.570	ng 100
34) Hexachlorobutadiene	10.863	225	474743	44.254	ng 97
35) Caprolactam	11.469	113	143823	27.358	ng 88
36) 4-Chloro-3-methylphenol	11.810	107	616874	36.728	ng 99
37) 2-Methylnaphthalene	12.187	142	1366703	37.415	ng 99
38) 1-Methylnaphthalene	12.416	142	1270218	35.079	ng 99
40) 1,2,4,5-Tetrachloroben...	12.551	216	771900	47.364	ng 99
41) Hexachlorocyclopentadiene	12.534	237	852948	148.919	ng 100
43) 2,4,6-Trichlorophenol	12.804	196	468127	47.520	ng 98

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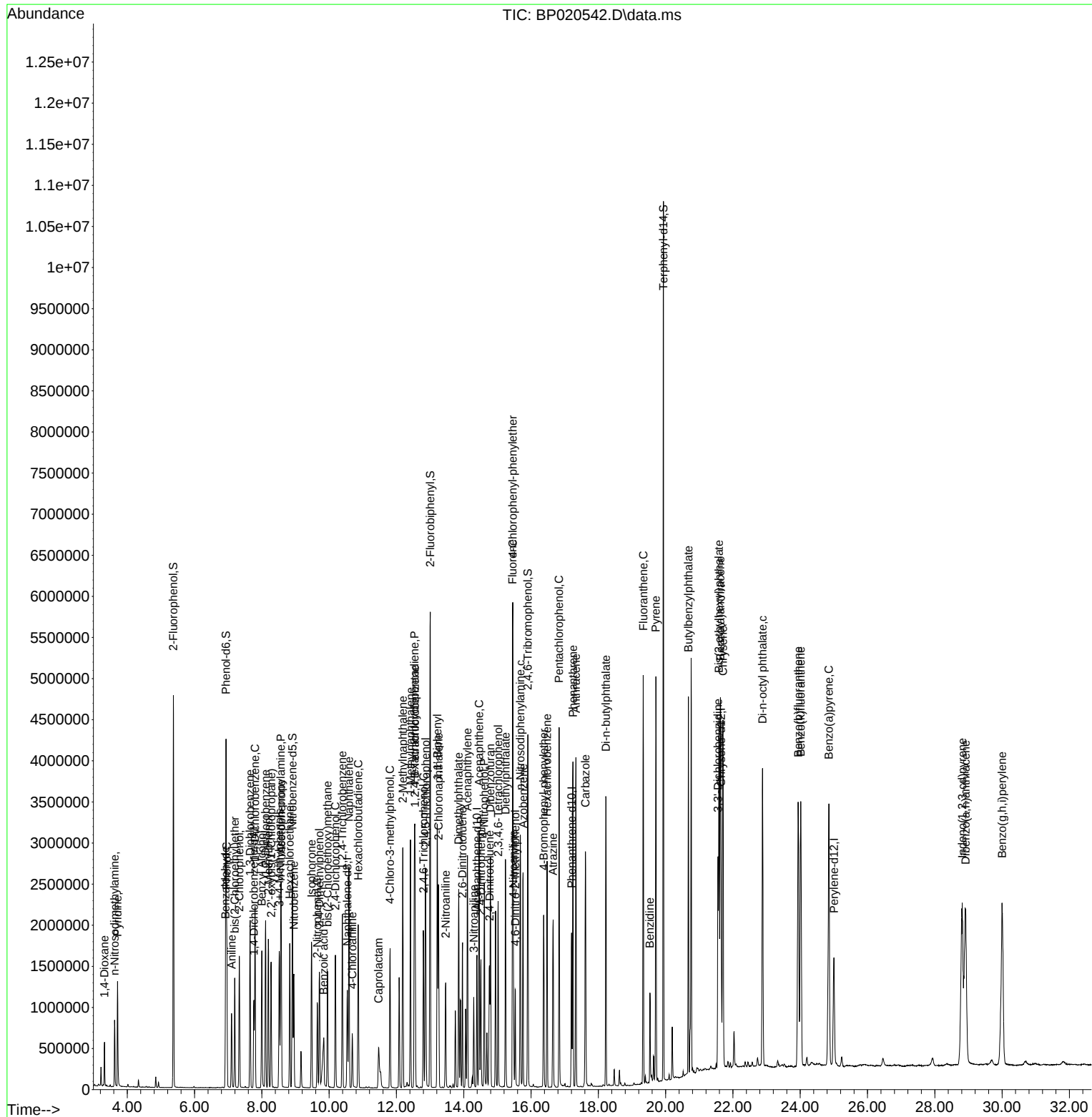
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44) 2,4,5-Trichlorophenol	12.869	196	505610	44.488	ng	98
46) 1,1'-Biphenyl	13.216	154	1720193	43.274	ng	99
47) 2-Chloronaphthalene	13.251	162	1358036	42.974	ng	99
48) 2-Nitroaniline	13.463	65	371126	43.341	ng	94
49) Acenaphthylene	14.110	152	2117850	45.165	ng	100
50) Dimethylphthalate	13.851	163	1572329	39.601	ng	99
51) 2,6-Dinitrotoluene	13.963	165	338615	39.900	ng	89
52) Acenaphthene	14.457	154	1212168	40.981	ng	100
53) 3-Nitroaniline	14.298	138	253661	29.798	ng	98
54) 2,4-Dinitrophenol	14.510	184	362666	90.687	ng	93
55) Dibenzofuran	14.793	168	1955773	41.740	ng	99
56) 4-Nitrophenol	14.610	139	620468	94.225	ng	96
57) 2,4-Dinitrotoluene	14.763	165	473529	42.458	ng	94
58) Fluorene	15.451	166	1501847	39.927	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	428784	46.103	ng	98
60) Diethylphthalate	15.240	149	1555903	38.550	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	783360	40.357	ng	98
62) 4-Nitroaniline	15.475	138	340957	38.882	ng	99
63) Azobenzene	15.763	77	1434864	38.073	ng	96
65) 4,6-Dinitro-2-methylph...	15.534	198	253255	50.541	ng	94
66) n-Nitrosodiphenylamine	15.681	169	1321598	42.936	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	471726	41.185	ng	98
68) Hexachlorobenzene	16.475	284	576219	42.746	ng	100
69) Atrazine	16.657	200	479271	44.259	ng	100
70) Pentachlorophenol	16.834	266	758631	92.663	ng	99
71) Phenanthrene	17.245	178	2344910	42.608	ng	99
72) Anthracene	17.334	178	2370186	43.890	ng	100
73) Carbazole	17.616	167	2225566	42.606	ng	99
74) Di-n-butylphthalate	18.222	149	2736488	43.259	ng	99
75) Fluoranthene	19.333	202	2906512	44.642	ng	99
77) Benzidine	19.533	184	635024	19.588	ng	98
78) Pyrene	19.710	202	3066557	35.497	ng	100
80) Butylbenzylphthalate	20.675	149	1325000	38.587	ng	92
81) Benzo(a)anthracene	21.622	228	3277658	43.342	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	984026	43.773	ng	99
83) Chrysene	21.704	228	3067366	43.046	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	1958038	39.825	ng	99
85) Di-n-octyl phthalate	22.880	149	3512458	49.152	ng	97
87) Indeno(1,2,3-cd)pyrene	28.815	276	3771230	45.750	ng	93
88) Benzo(b)fluoranthene	23.939	252	3465378	41.035	ng	99
89) Benzo(k)fluoranthene	24.016	252	3483420	42.292	ng	99
90) Benzo(a)pyrene	24.851	252	3338481	47.734	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	3616645	52.602	ng	98
92) Benzo(g,h,i)perylene	29.998	276	3460671	50.357	ng	98

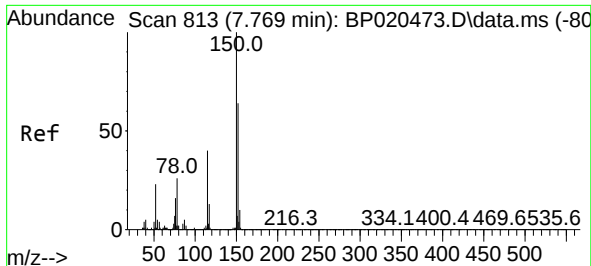
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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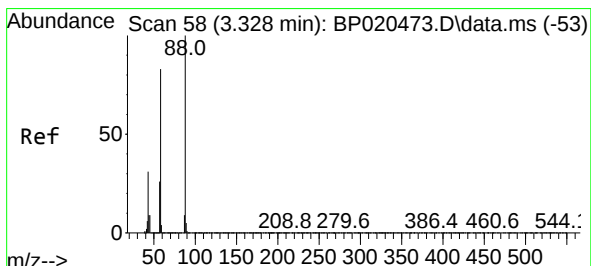
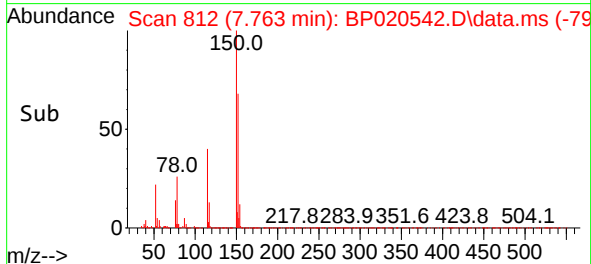
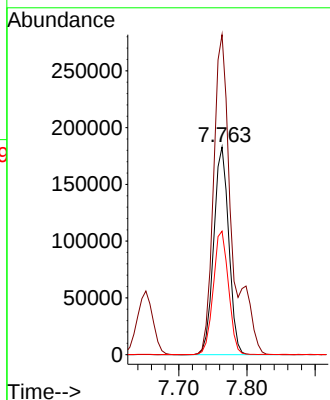
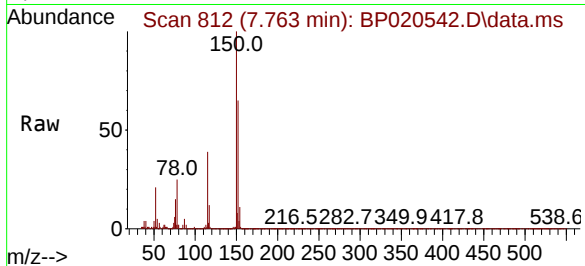




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020542.D
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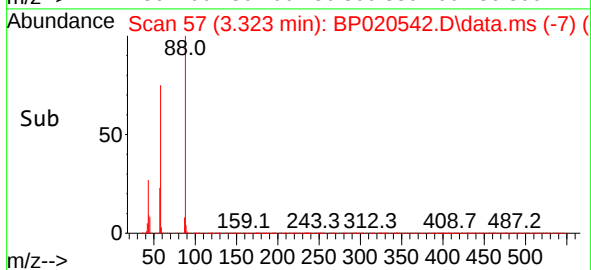
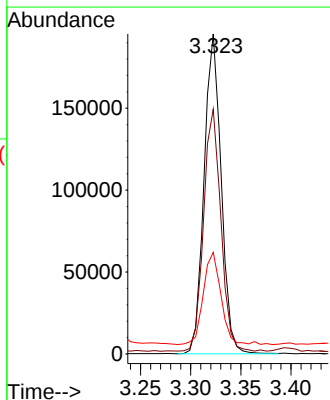
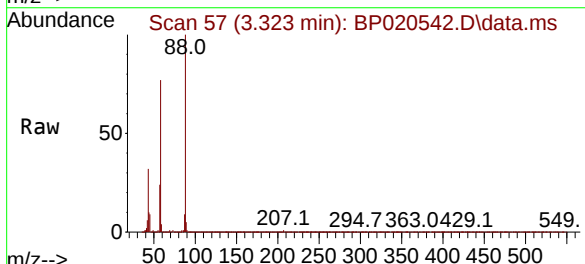
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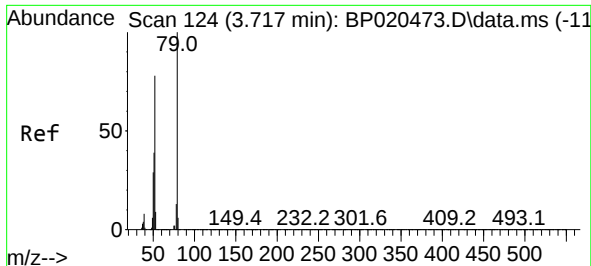
Tgt Ion:152 Resp: 280216
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.2
115 59.5 49.5 74.3



#2
1,4-Dioxane
Concen: 36.717 ng
RT: 3.323 min Scan# 57
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 88 Resp: 232189
Ion Ratio Lower Upper
88 100
58 76.2 64.6 97.0
43 29.4 24.5 36.7

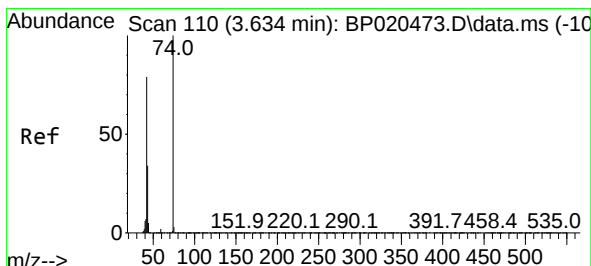
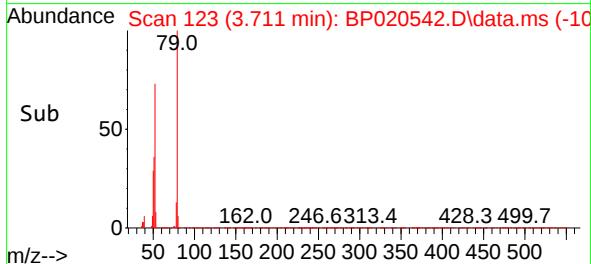
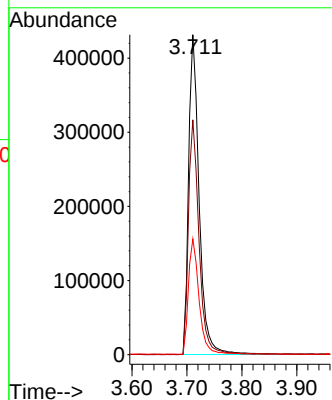
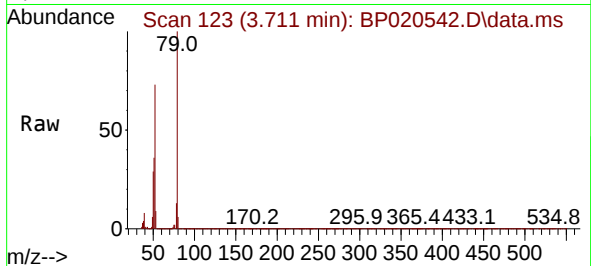




#3
Pyridine
Concen: 32.407 ng
RT: 3.711 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

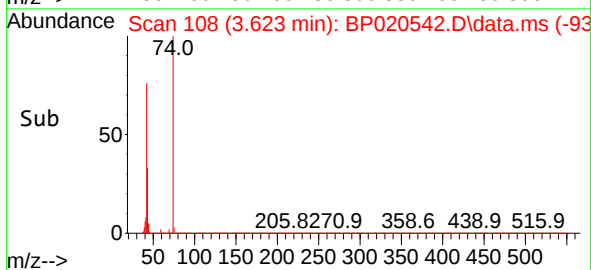
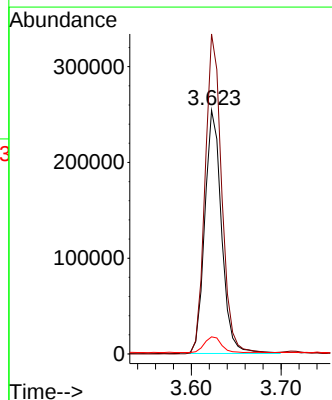
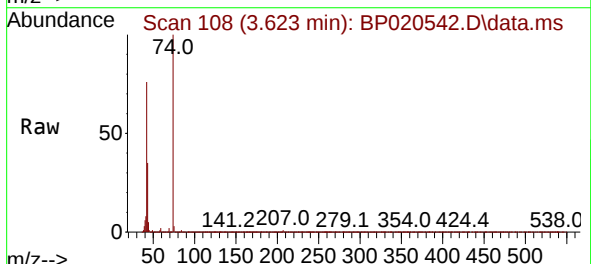
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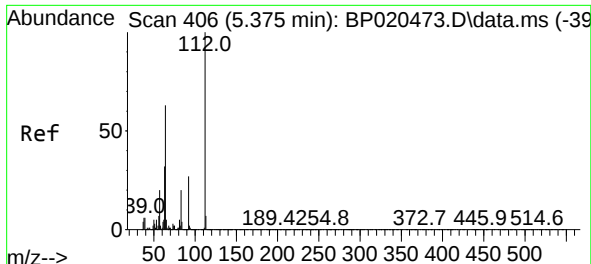
Tgt Ion: 79 Resp: 576192
Ion Ratio Lower Upper
79 100
52 73.4 62.6 94.0
51 36.1 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 38.173 ng
RT: 3.623 min Scan# 108
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 42 Resp: 329666
Ion Ratio Lower Upper
42 100
74 131.3 100.6 151.0
44 7.0 5.8 8.8

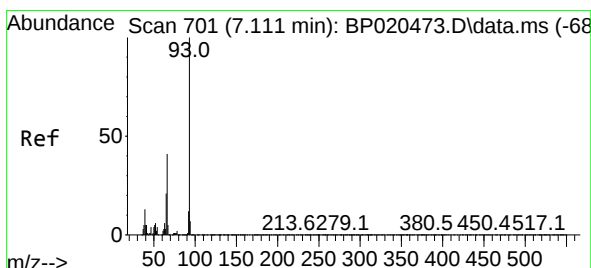
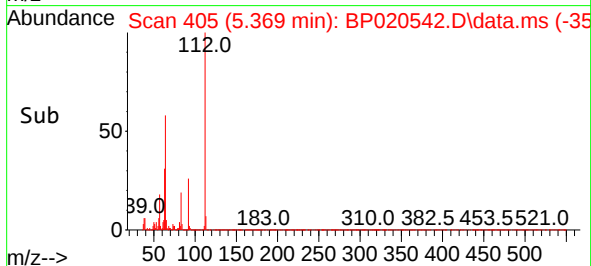
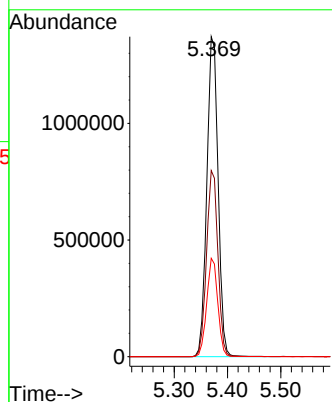
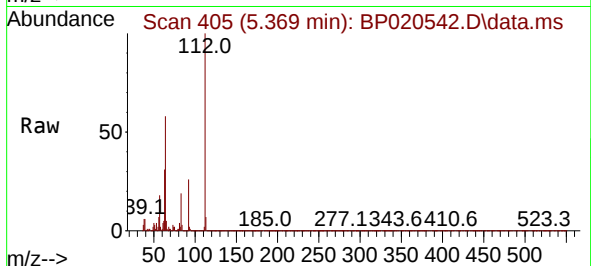




#5
2-Fluorophenol
Concen: 128.271 ng
RT: 5.369 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

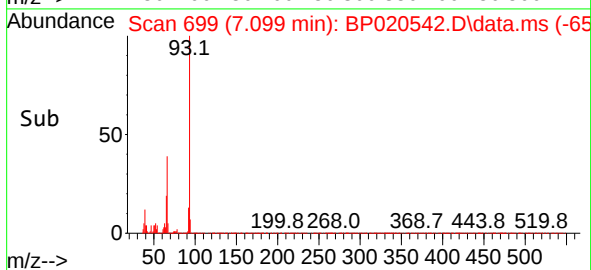
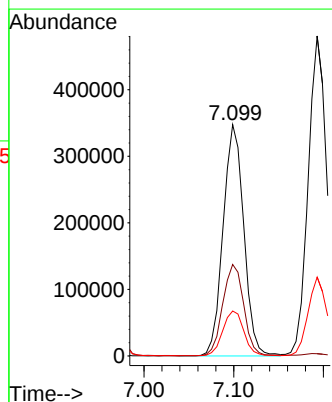
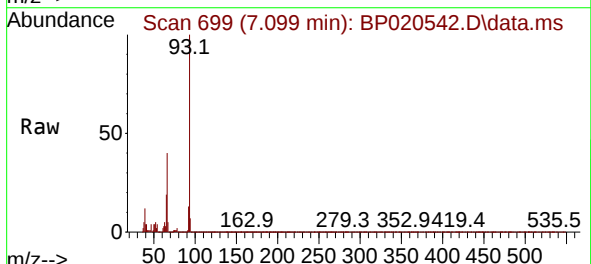
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Tgt Ion:112 Resp: 2007512
Ion Ratio Lower Upper
112 100
64 58.2 50.1 75.1
63 30.7 25.7 38.5



#6
Aniline
Concen: 24.897 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 93 Resp: 556808
Ion Ratio Lower Upper
93 100
66 39.5 32.8 49.2
65 19.4 16.9 25.3

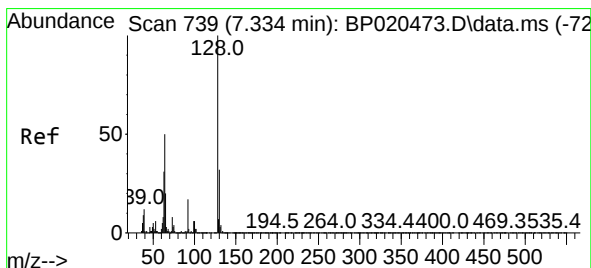
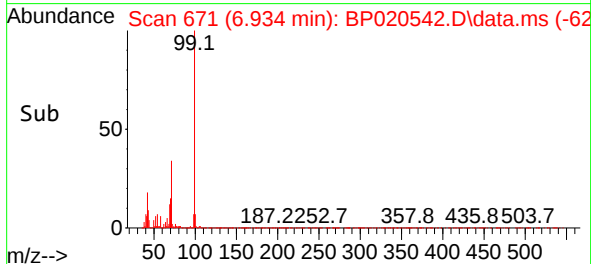
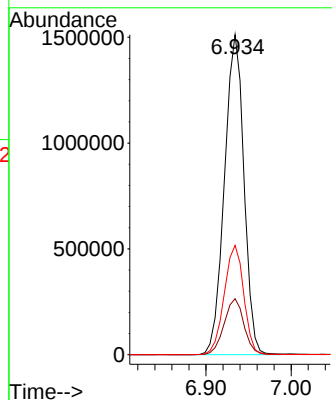
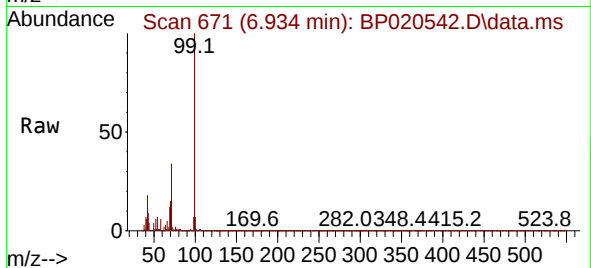




#7
Phenol-d6
Concen: 108.850 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

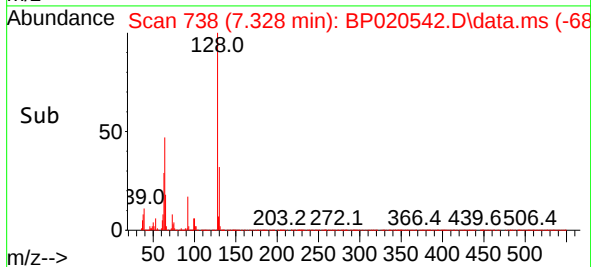
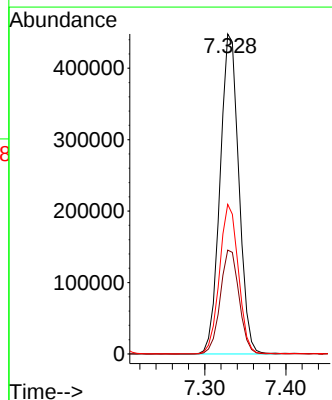
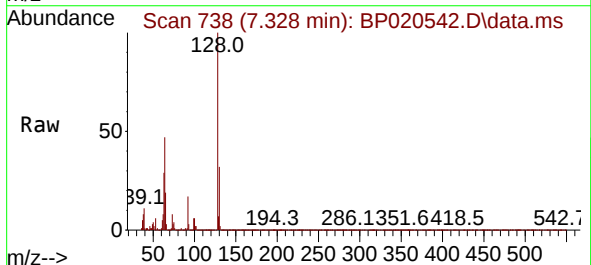
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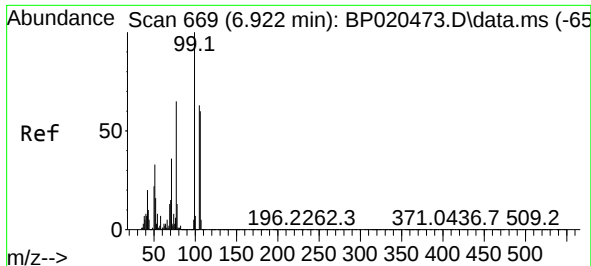
Tgt Ion: 99 Resp: 2402466
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.2 27.3 40.9



#8
2-Chlorophenol
Concen: 41.096 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:128 Resp: 720993
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 46.8 29.6 69.6

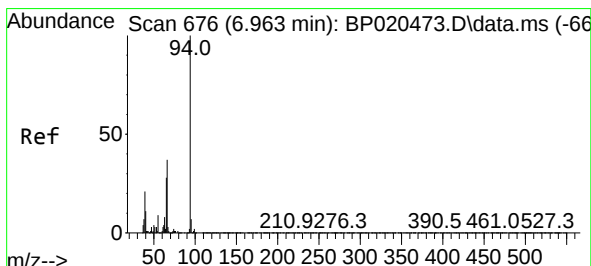
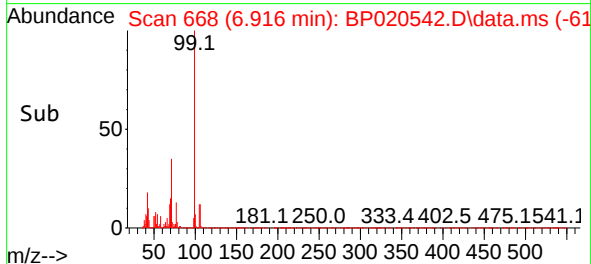
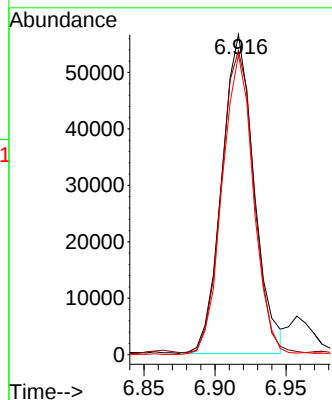
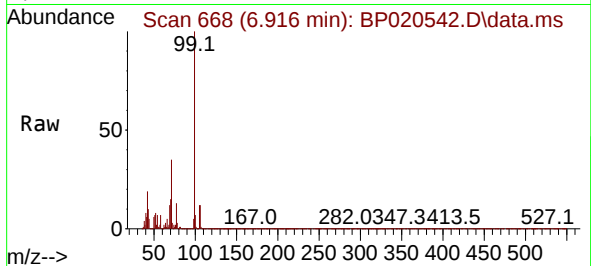




#9
Benzaldehyde
Concen: 6.335 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020542.D
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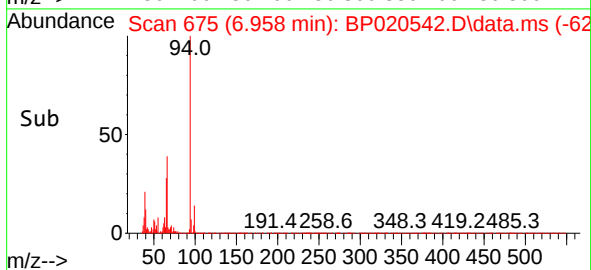
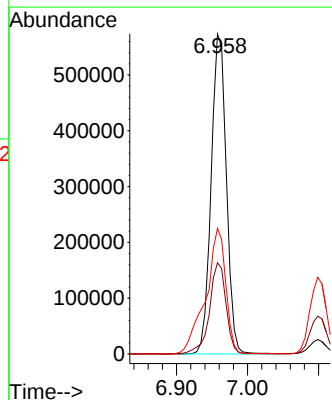
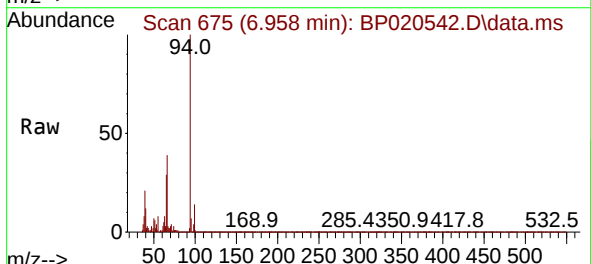
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Tgt Ion: 77 Resp: 89695
Ion Ratio Lower Upper
77 100
105 95.0 76.8 116.8
106 93.7 72.0 112.0



#10
Phenol
Concen: 37.773 ng
RT: 6.958 min Scan# 675
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 853969
Ion Ratio Lower Upper
94 100
65 28.5 8.2 48.2
66 39.3 17.2 57.2

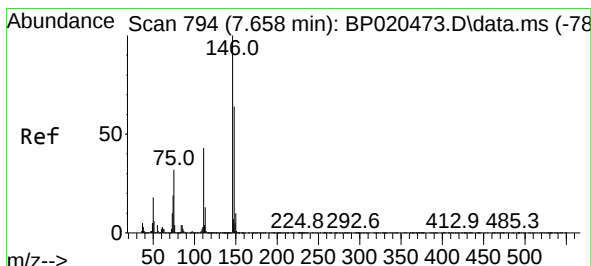
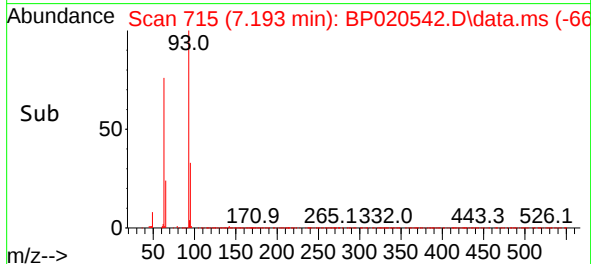
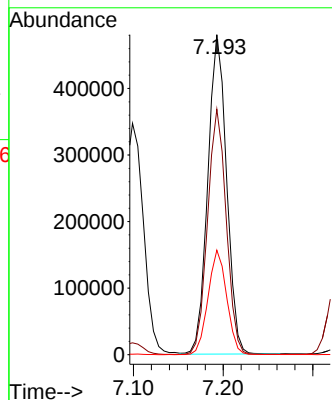
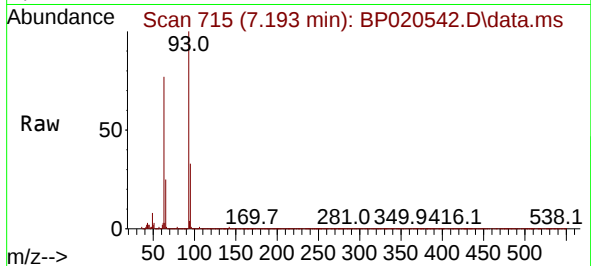




#11
bis(2-Chloroethyl)ether
Concen: 37.429 ng
RT: 7.193 min Scan# 715
Delta R.T. -0.018 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

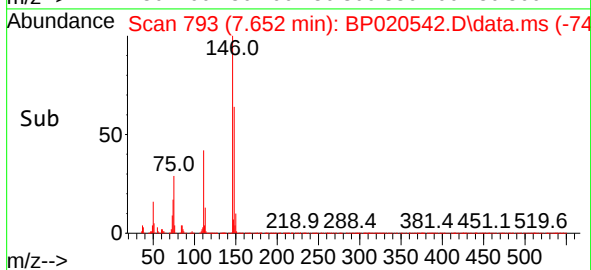
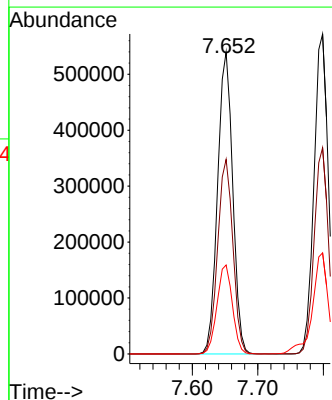
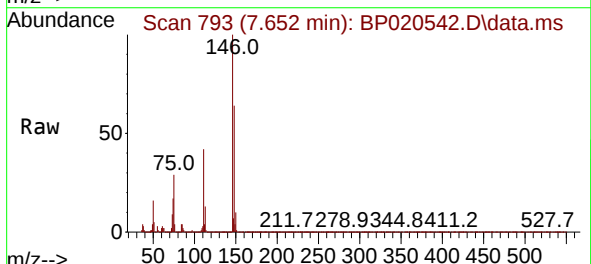
Instrument :
BNA_P
ClientSampleId :
PB161290BS

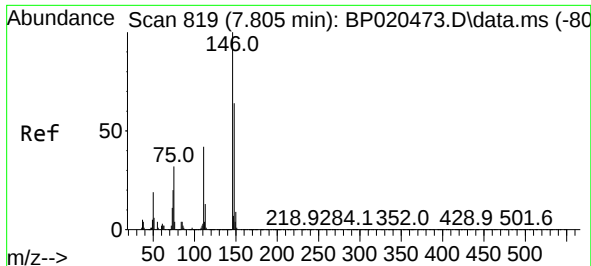
Tgt Ion: 93 Resp: 697848
Ion Ratio Lower Upper
93 100
63 76.7 58.3 98.3
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.615 ng
RT: 7.652 min Scan# 793
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:146 Resp: 860207
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 29.5 25.3 37.9

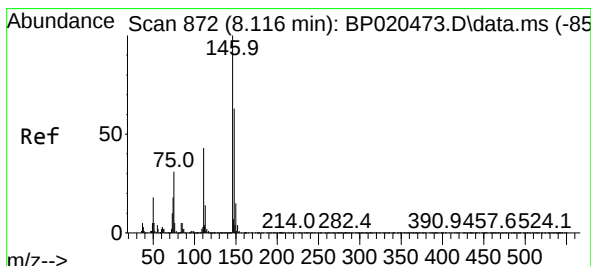
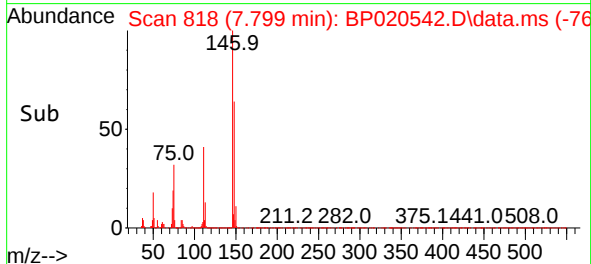
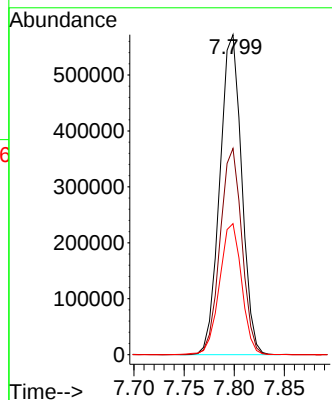
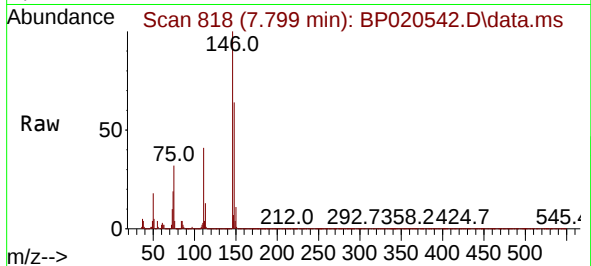




#13
1,4-Dichlorobenzene
Concen: 41.184 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

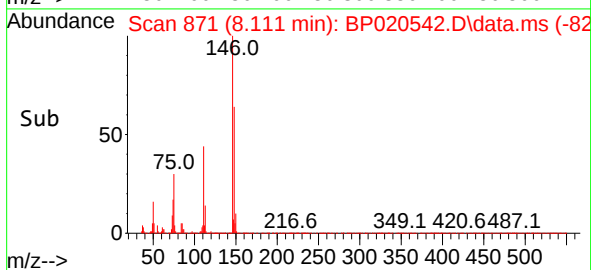
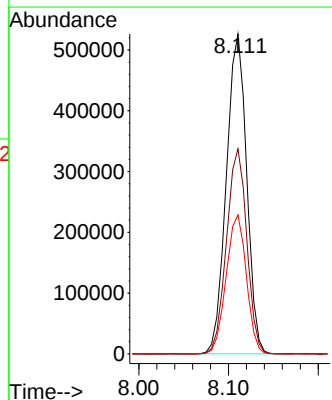
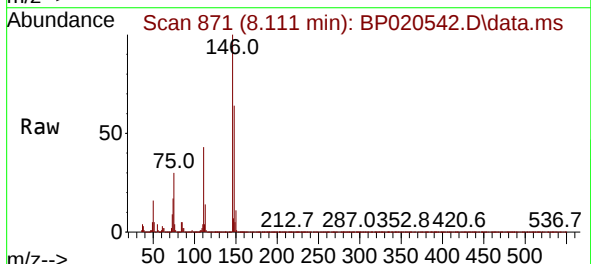
Instrument :
BNA_P
ClientSampleId :
PB161290BS

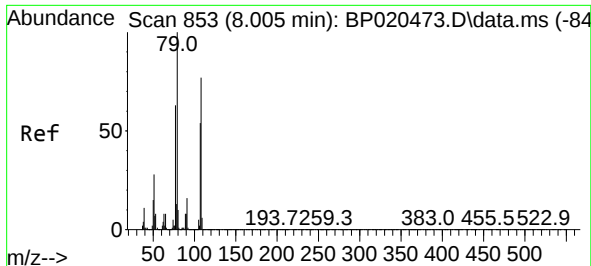
Tgt Ion:146 Resp: 865235
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 40.9 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 40.753 ng
RT: 8.111 min Scan# 871
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:146 Resp: 826283
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 43.4 34.4 51.6

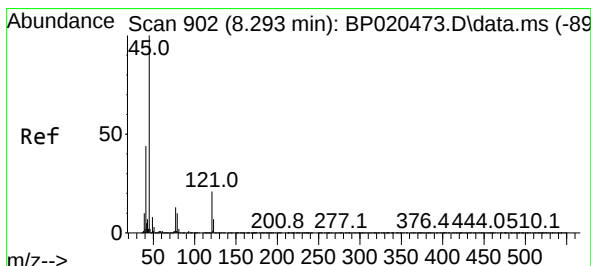
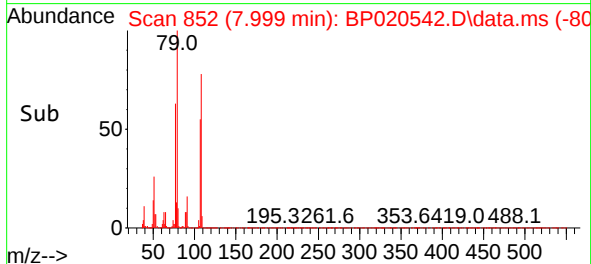
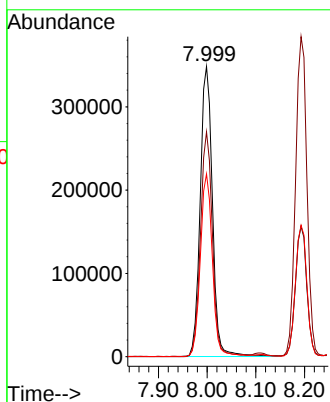
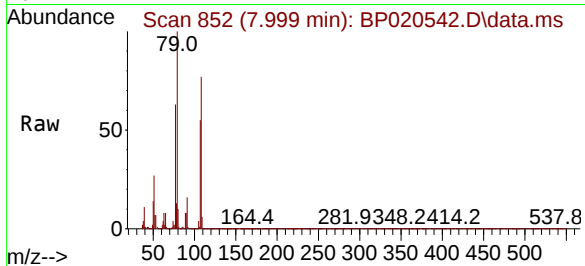




#15
Benzyl Alcohol
Concen: 37.240 ng
RT: 7.999 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

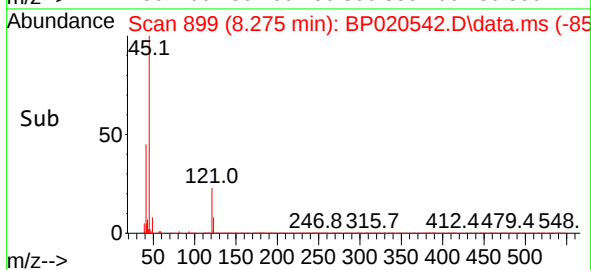
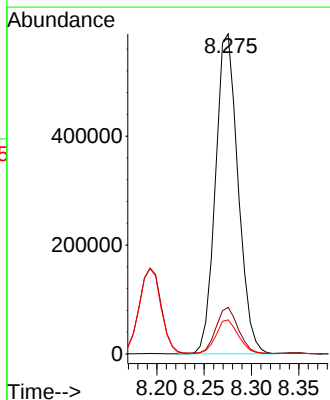
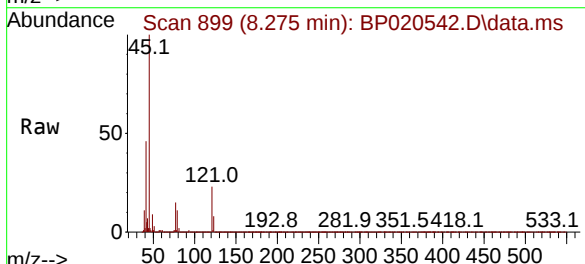
Instrument :
BNA_P
ClientSampleId :
PB161290BS

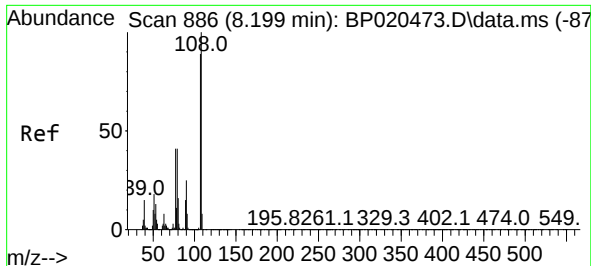
Tgt Ion: 79 Resp: 607134
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.2
77 62.9 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.066 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 45 Resp: 976083
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.6
79 10.6 0.0 29.9

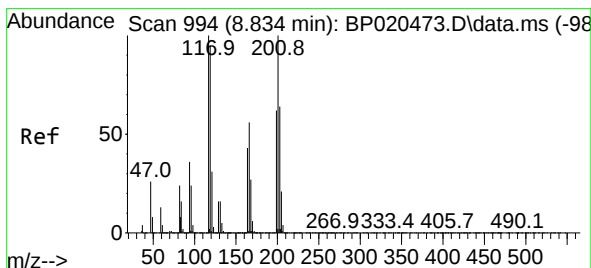
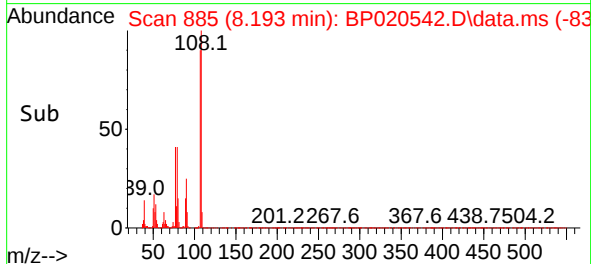
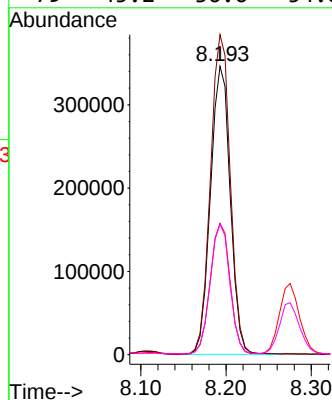
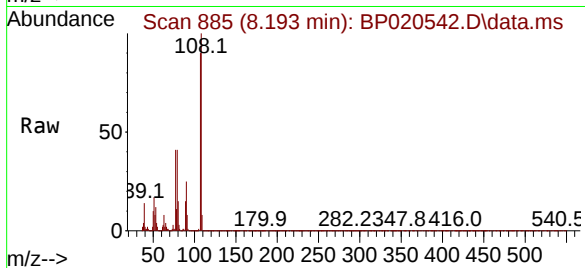




#17
2-Methylphenol
Concen: 36.292 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

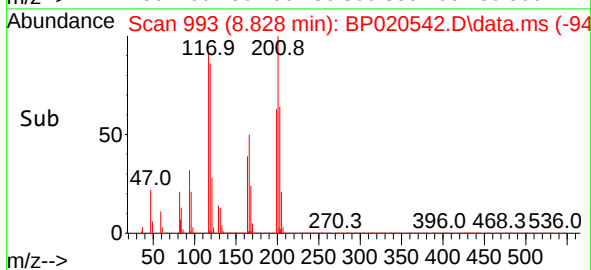
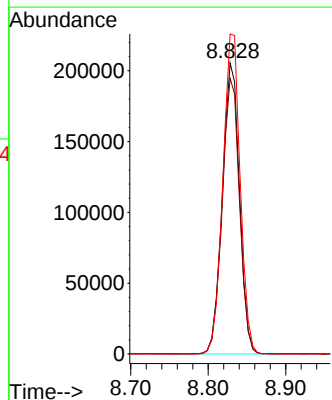
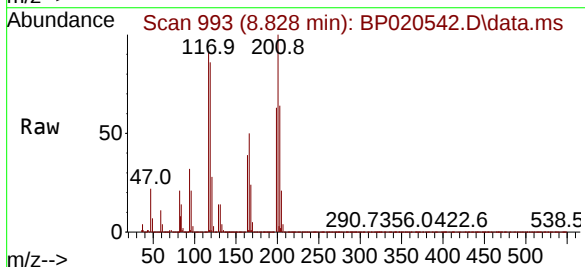
Instrument :
BNA_P
ClientSampleId :
PB161290BS

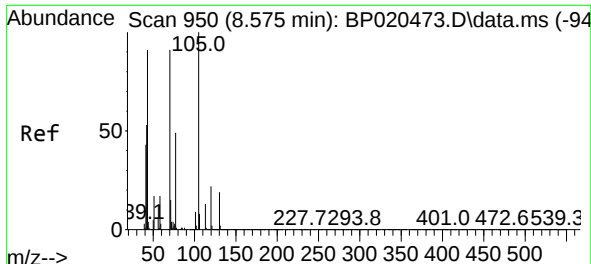
Tgt Ion:	107	Resp:	556786
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.4	134.2
77	45.6	36.6	55.0
79	45.2	36.6	54.8



#18
Hexachloroethane
Concen: 41.143 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:	117	Resp:	315622
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.3	114.5
201	109.9	79.9	119.9





#19

n-Nitroso-di-n-propylamine

Concen: 33.369 ng

RT: 8.558 min Scan# 94

Delta R.T. -0.018 min

Lab File: BP020542.D

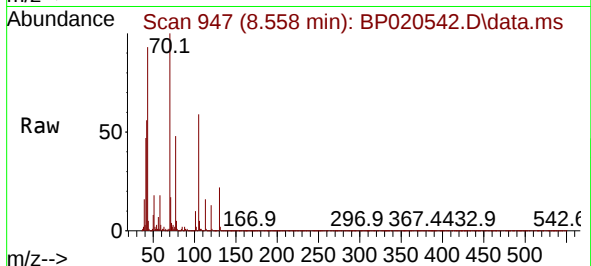
Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS



Tgt Ion: 70 Resp: 502787

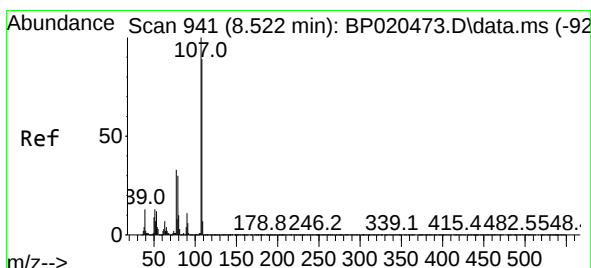
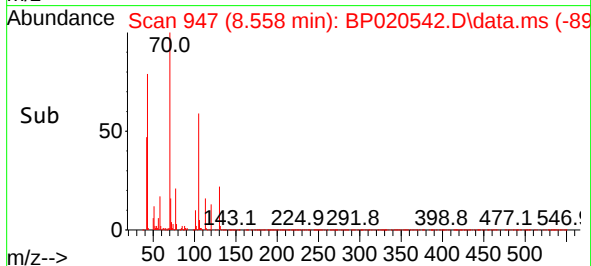
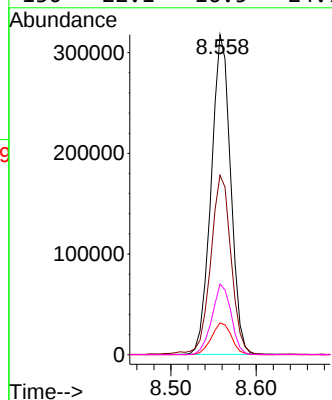
Ion Ratio Lower Upper

70 100

42 56.0 47.4 71.0

101 9.9 7.8 11.8

130 22.1 16.5 24.7



#20

3+4-Methylphenols

Concen: 35.150 ng

RT: 8.516 min Scan# 940

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Tgt Ion: 107 Resp: 733494

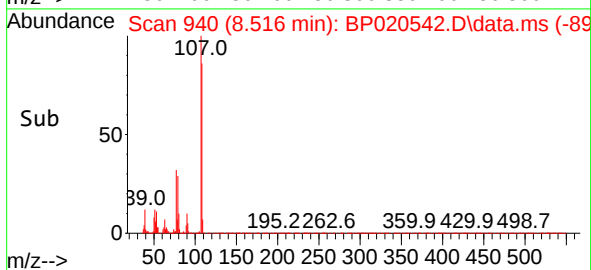
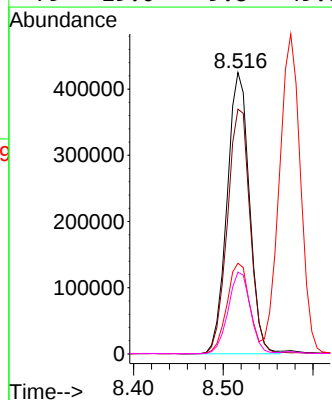
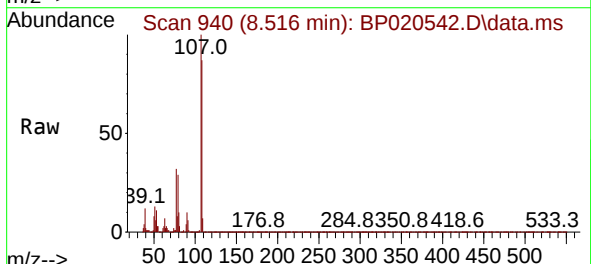
Ion Ratio Lower Upper

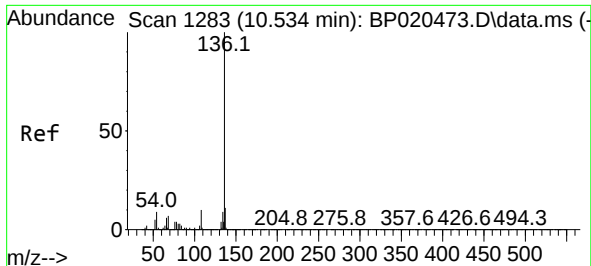
107 100

108 87.0 69.2 109.2

77 32.2 13.5 53.5

79 29.0 9.8 49.8

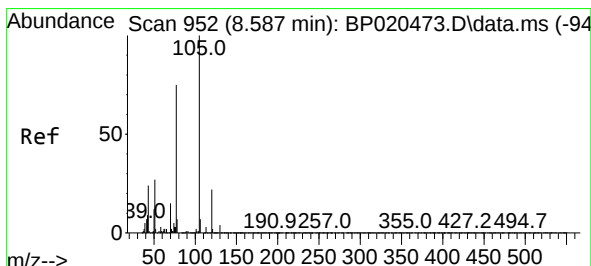
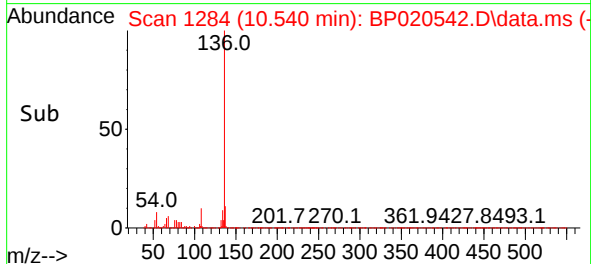
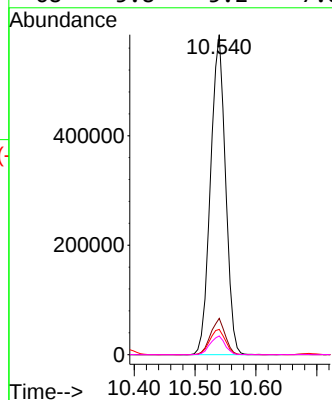
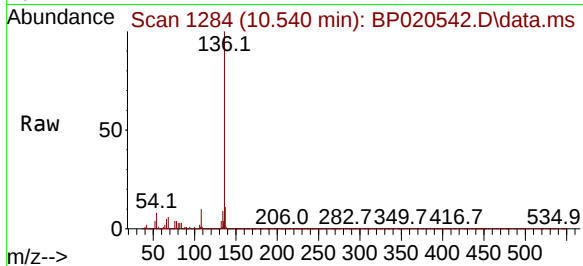




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

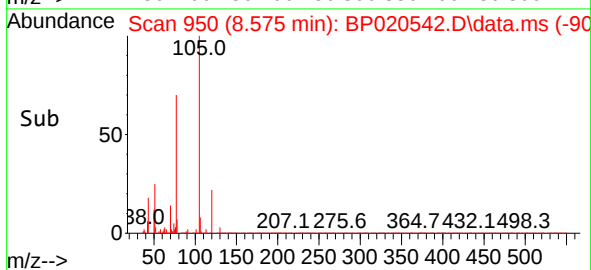
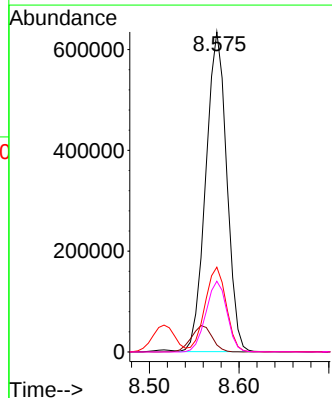
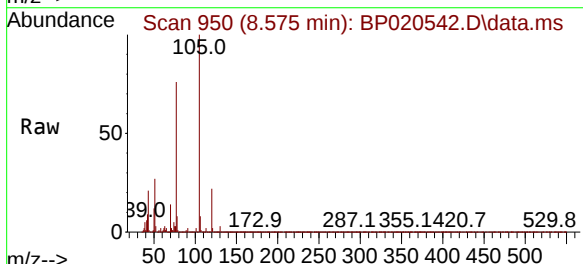
Instrument :
BNA_P
ClientSampleId :
PB161290BS

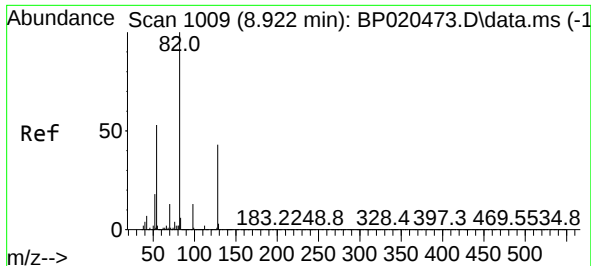
Tgt Ion:	136	Resp:	997174
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.9	7.4	11.0
68	5.8	5.2	7.8



#22
Acetophenone
Concen: 41.523 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:	105	Resp:	1027788
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.3	3.5
51	26.5	22.6	33.8
120	22.1	17.7	26.5

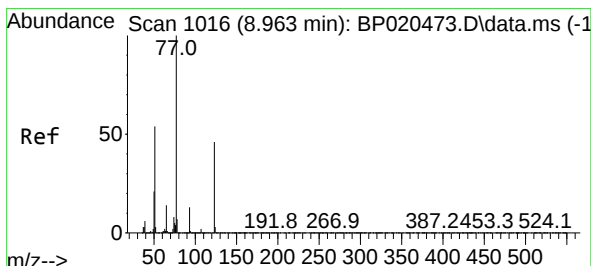
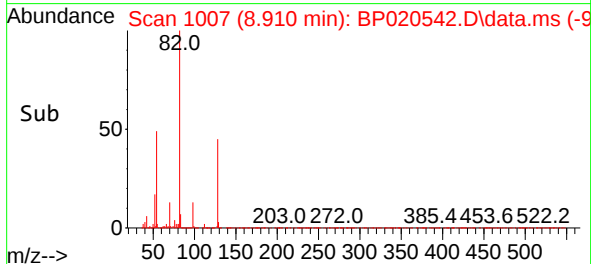
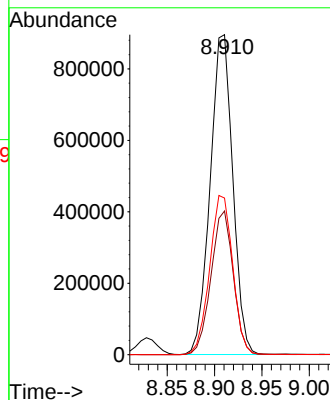
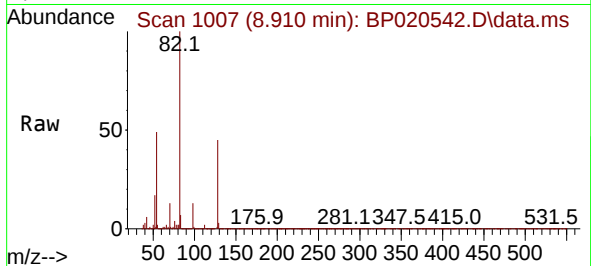




#23
Nitrobenzene-d5
Concen: 81.731 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

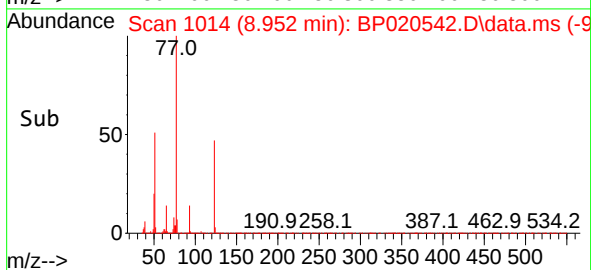
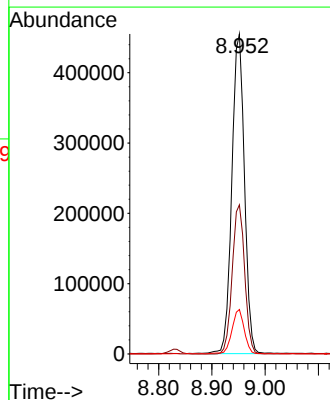
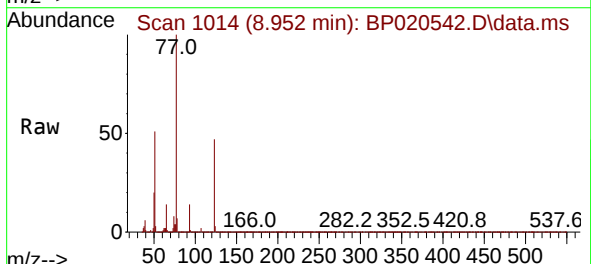
Instrument :
BNA_P
ClientSampleId :
PB161290BS

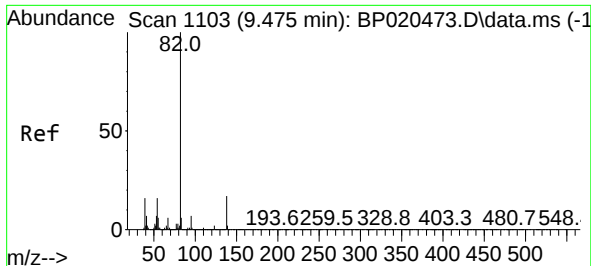
Tgt Ion: 82 Resp: 1488853
Ion Ratio Lower Upper
82 100
128 44.9 34.2 51.4
54 48.9 42.7 64.1



#24
Nitrobenzene
Concen: 40.443 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 77 Resp: 747689
Ion Ratio Lower Upper
77 100
123 46.6 36.6 54.8
65 13.9 11.1 16.7

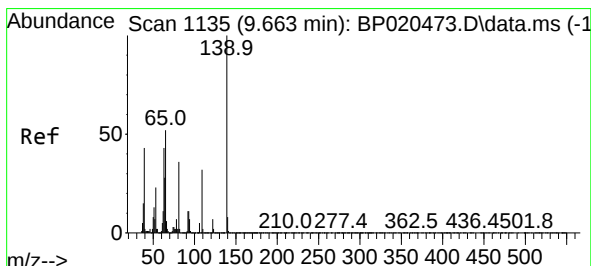
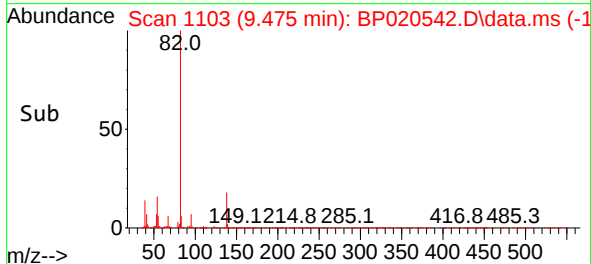
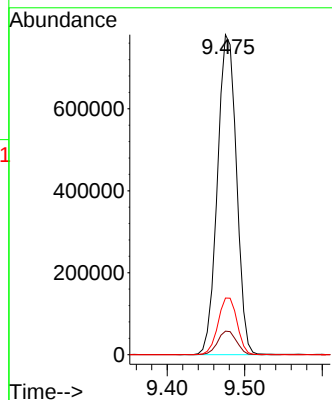
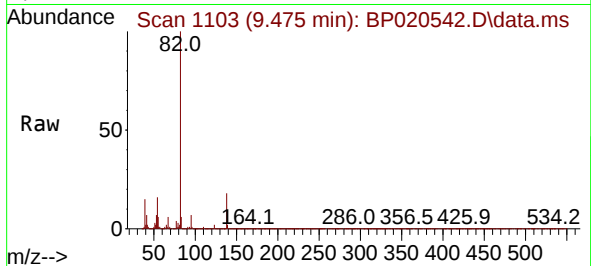




#25
Isophorone
Concen: 37.618 ng
RT: 9.475 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

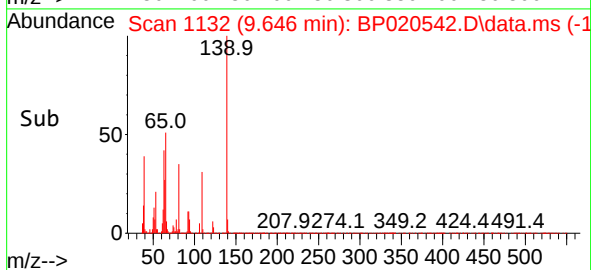
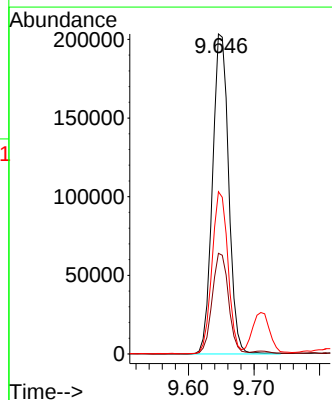
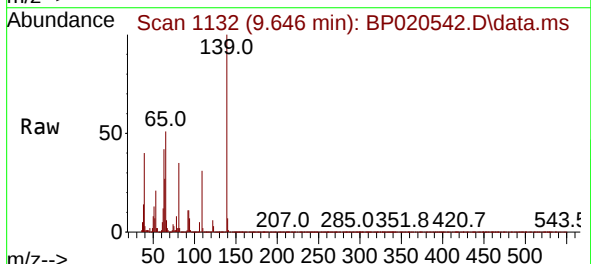
Instrument :
BNA_P
ClientSampleId :
PB161290BS

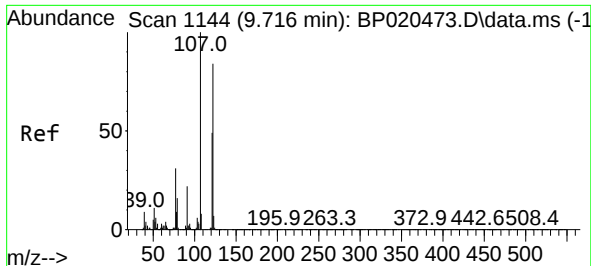
Tgt Ion: 82 Resp: 1331445
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.7 13.8 20.6



#26
2-Nitrophenol
Concen: 47.540 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 139 Resp: 347387
Ion Ratio Lower Upper
139 100
109 31.4 25.8 38.8
65 50.7 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 42.460 ng

RT: 9.710 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

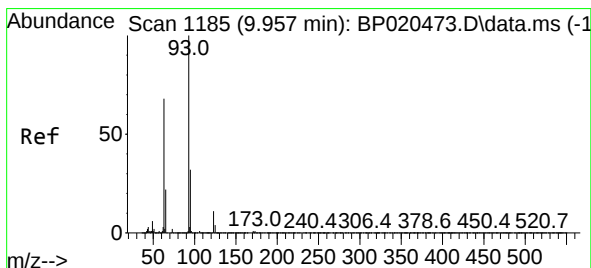
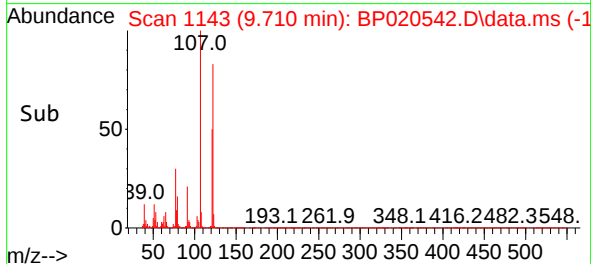
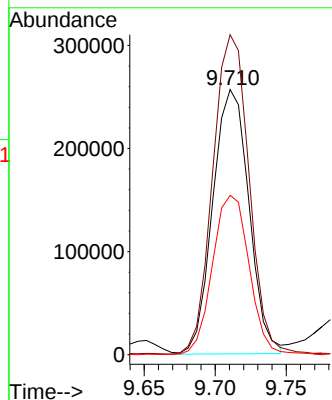
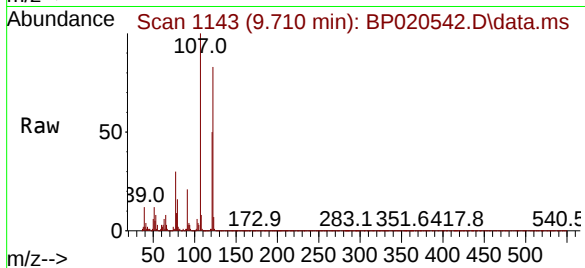
Tgt Ion:122 Resp: 454012

Ion Ratio Lower Upper

122 100

107 120.7 95.0 142.4

121 60.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.585 ng

RT: 9.952 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

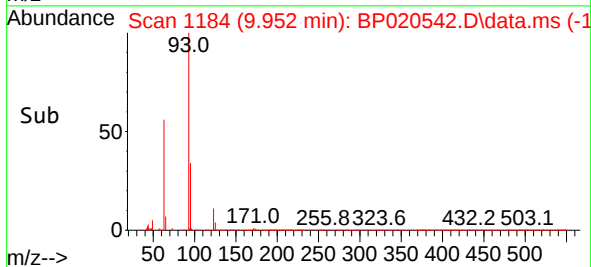
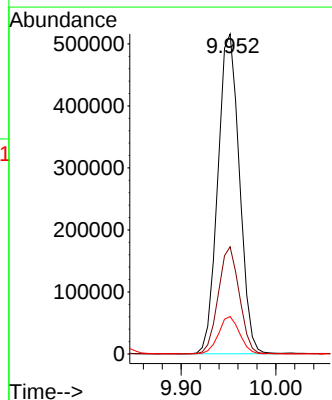
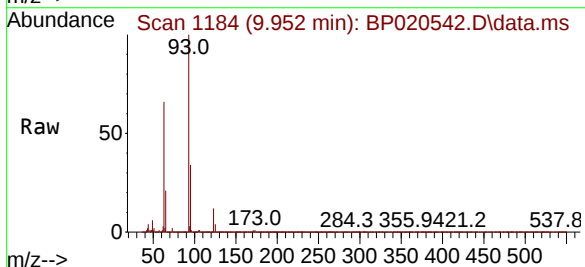
Tgt Ion: 93 Resp: 817637

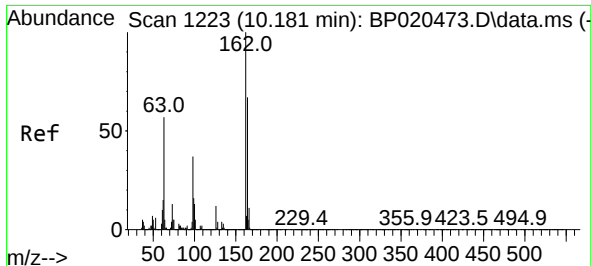
Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.8

123 11.7 9.0 13.4

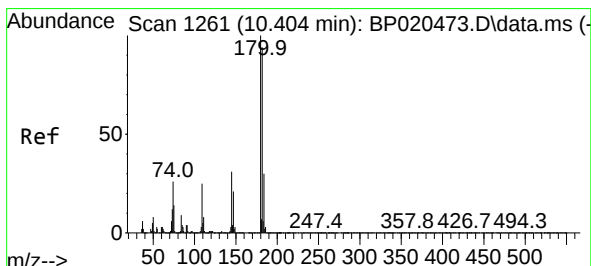
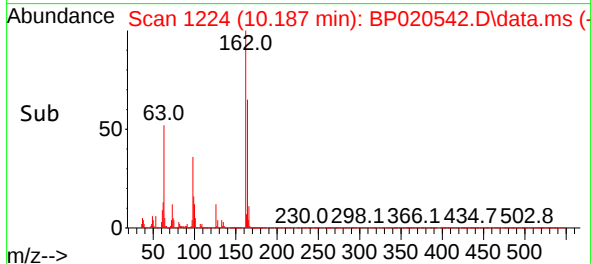
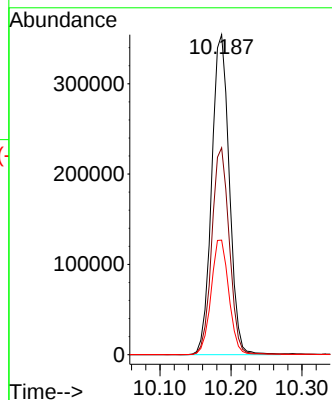
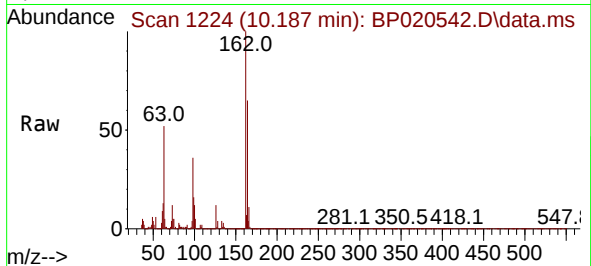




#29
2,4-Dichlorophenol
Concen: 42.507 ng
RT: 10.187 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

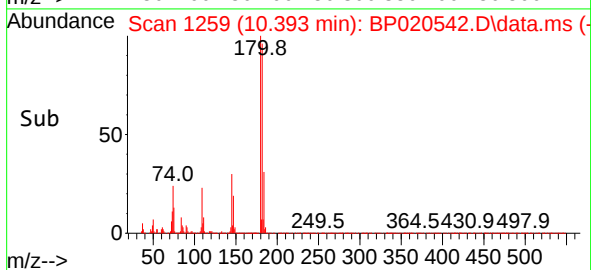
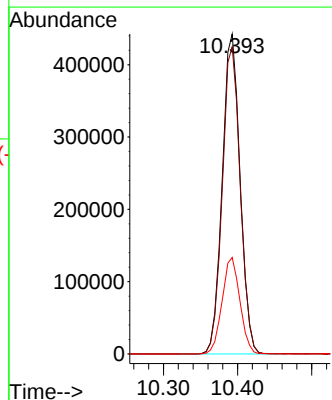
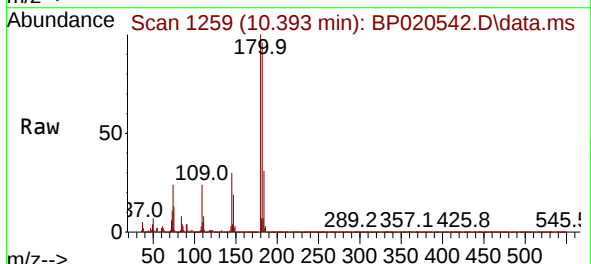
Instrument :
BNA_P
ClientSampleId :
PB161290BS

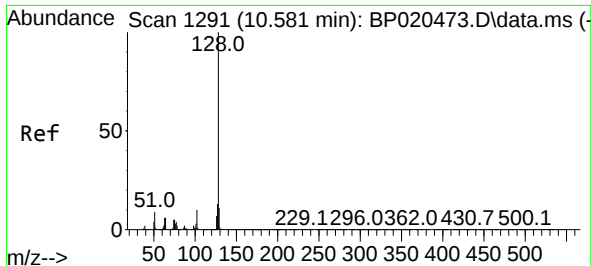
Tgt Ion:162 Resp: 609778
Ion Ratio Lower Upper
162 100
164 64.6 46.5 86.5
98 35.8 17.4 57.4



#30
1,2,4-Trichlorobenzene
Concen: 43.466 ng
RT: 10.393 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:180 Resp: 740233
Ion Ratio Lower Upper
180 100
182 96.0 75.2 112.8
145 30.2 24.9 37.3

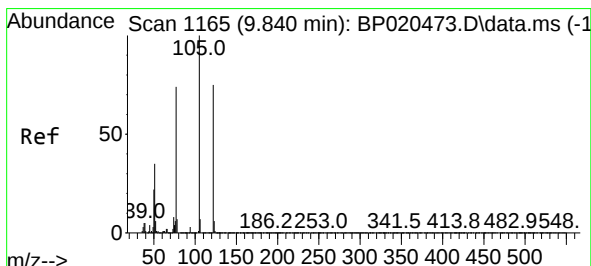
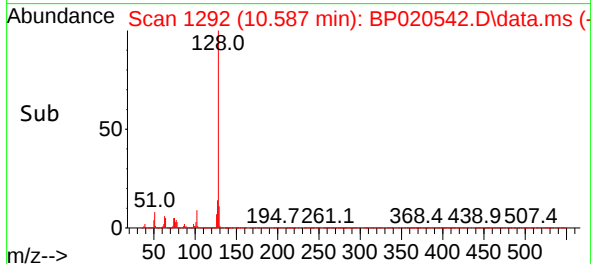
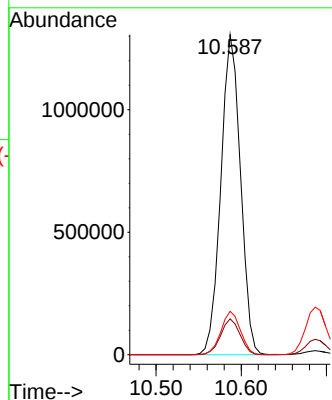
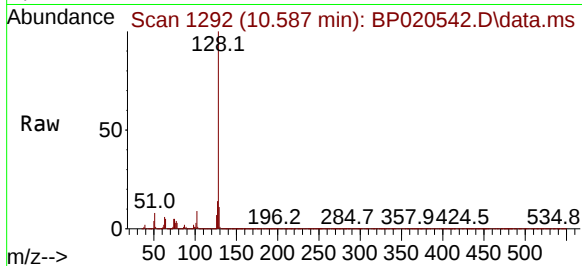




#31
Naphthalene
Concen: 40.969 ng
RT: 10.587 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

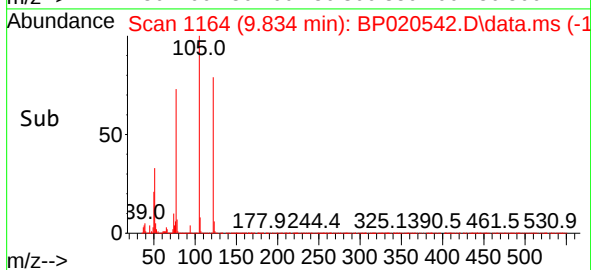
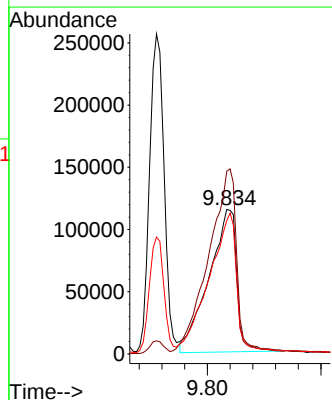
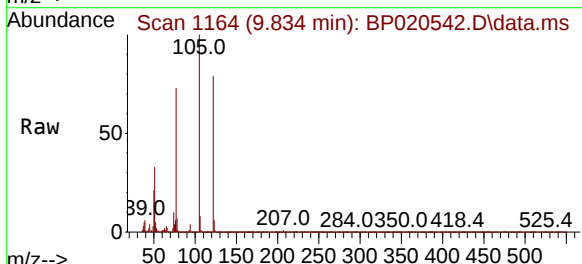
Instrument :
BNA_P
ClientSampleId :
PB161290BS

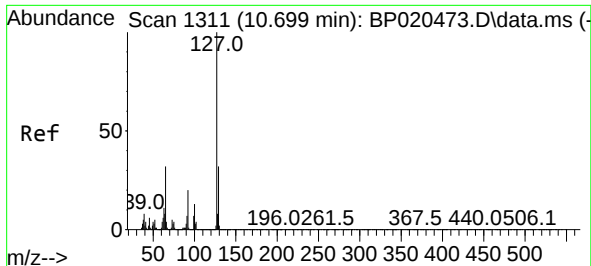
Tgt Ion:128 Resp: 2088490
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.5 15.7



#32
Benzoic acid
Concen: 39.643 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:122 Resp: 388586
Ion Ratio Lower Upper
122 100
105 126.4 107.5 147.5
77 92.3 76.1 116.1

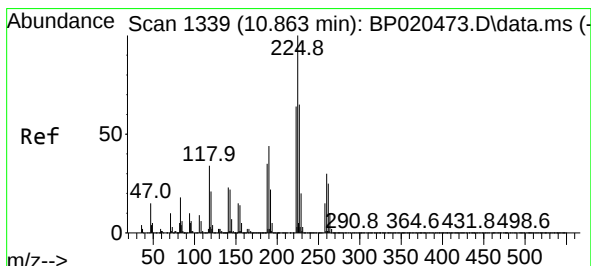
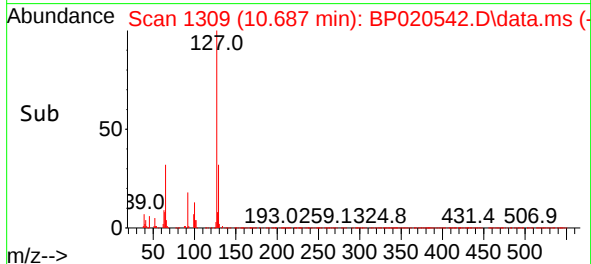
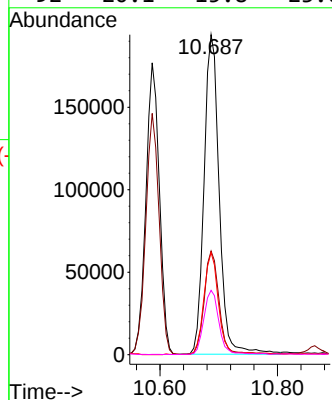
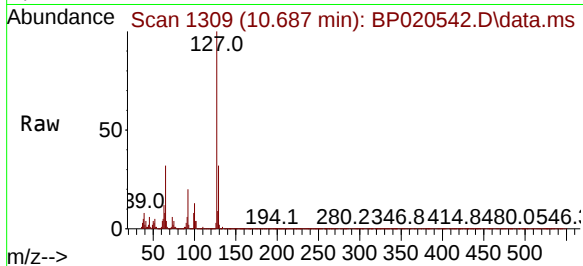




#33
4-Chloroaniline
Concen: 17.570 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

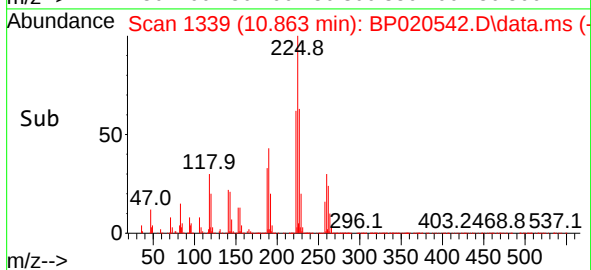
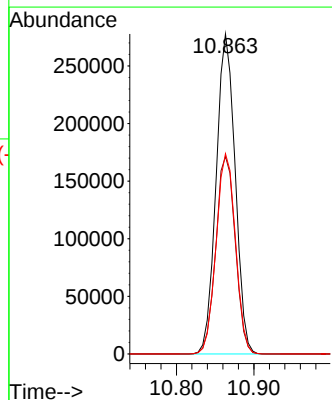
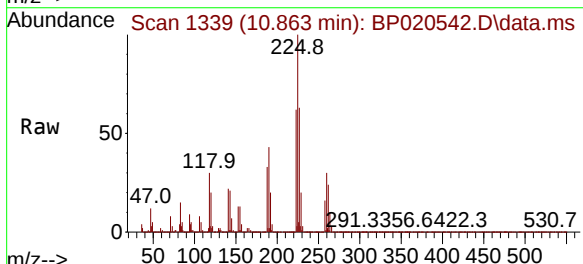
Instrument :
BNA_P
ClientSampleId :
PB161290BS

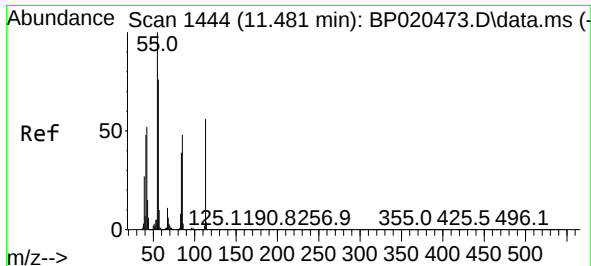
Tgt	Ion:127	Resp:	346487
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	31.9	25.4	38.2
92	20.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 44.254 ng
RT: 10.863 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt	Ion:225	Resp:	474743
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.3	76.9
227	62.6	51.6	77.4

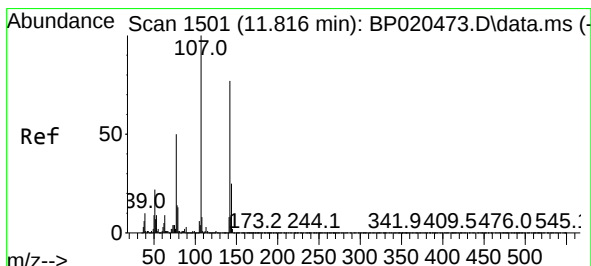
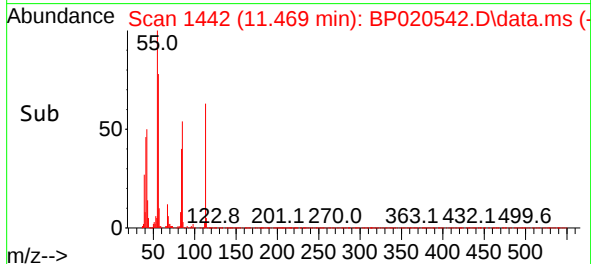
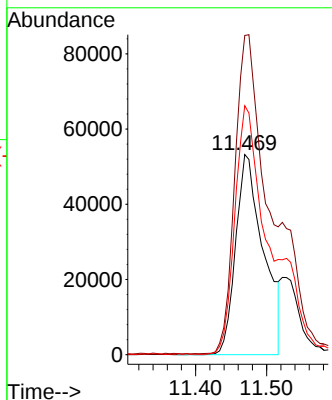
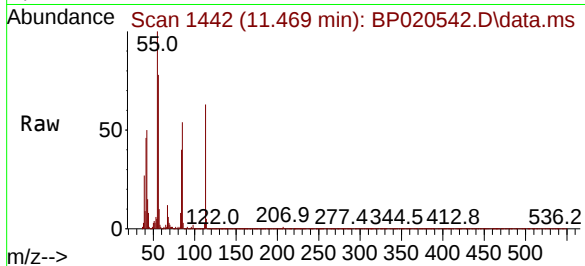




#35
Caprolactam
Concen: 27.358 ng
RT: 11.469 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

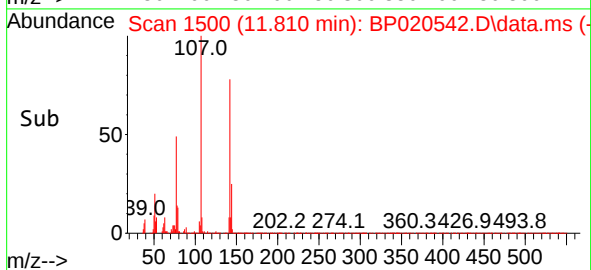
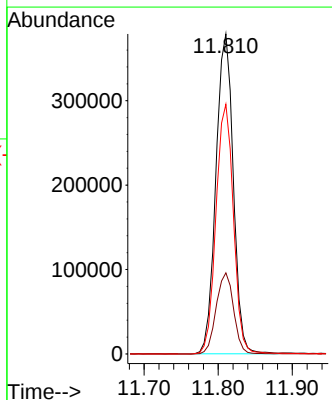
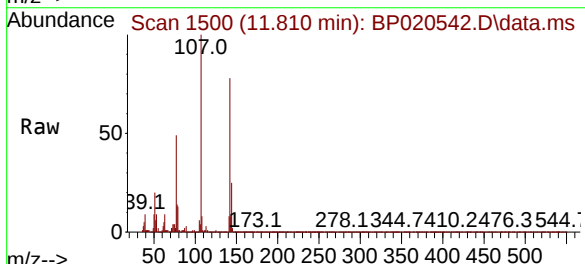
Instrument :
BNA_P
ClientSampleId :
PB161290BS

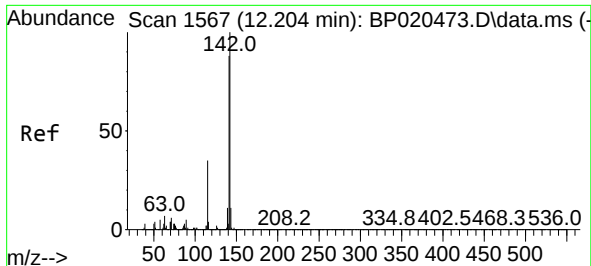
Tgt Ion:113 Resp: 143823
Ion Ratio Lower Upper
113 100
55 159.5 158.7 198.7
56 124.4 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 36.728 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:107 Resp: 616874
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 78.0 61.4 92.2

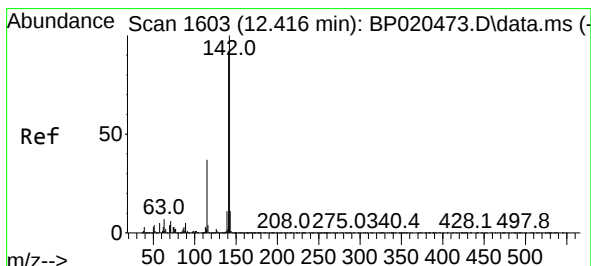
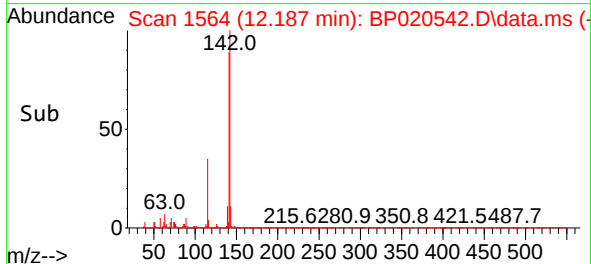
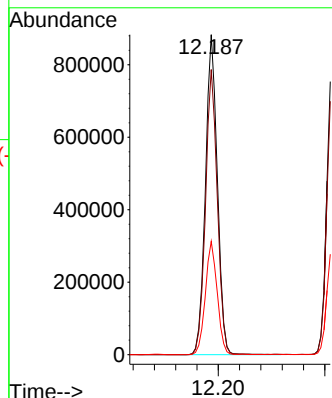
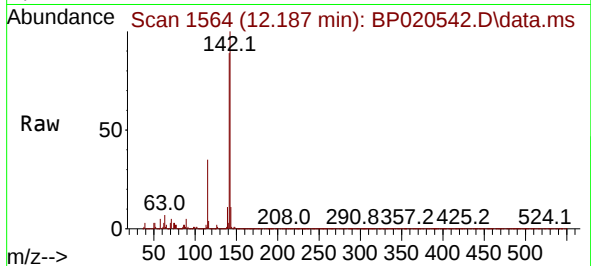




#37
2-Methylnaphthalene
Concen: 37.415 ng
RT: 12.187 min Scan# 1564
Delta R.T. -0.018 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

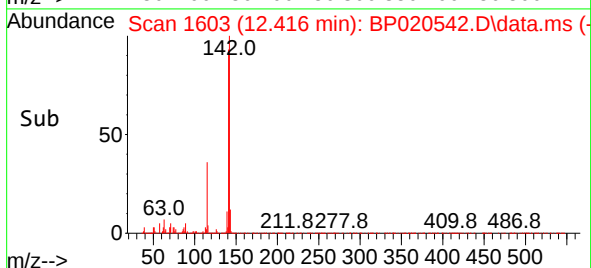
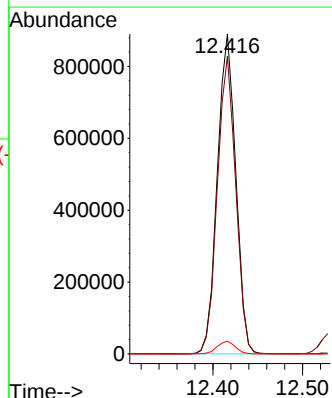
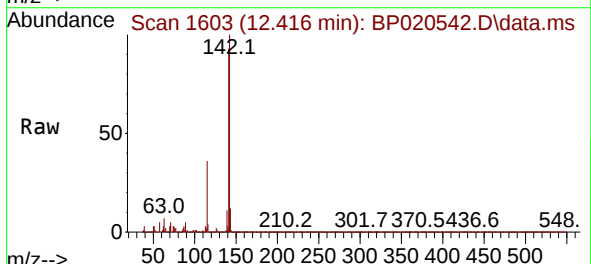
Instrument :
BNA_P
ClientSampleId :
PB161290BS

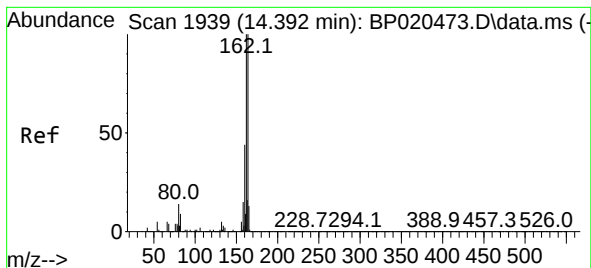
Tgt Ion:142 Resp: 1366703
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 35.4 28.0 42.0



#38
1-Methylnaphthalene
Concen: 35.079 ng
RT: 12.416 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:142 Resp: 1270218
Ion Ratio Lower Upper
142 100
141 93.0 73.7 110.5
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.393 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

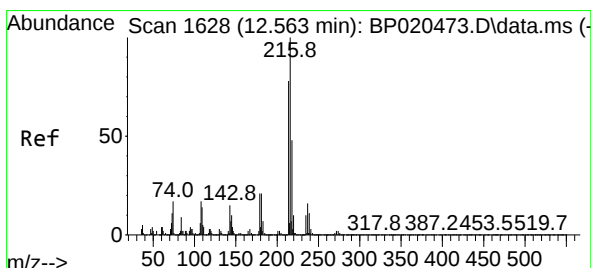
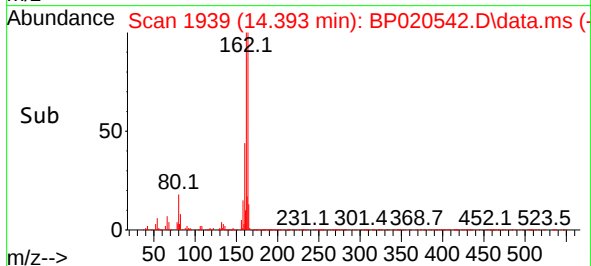
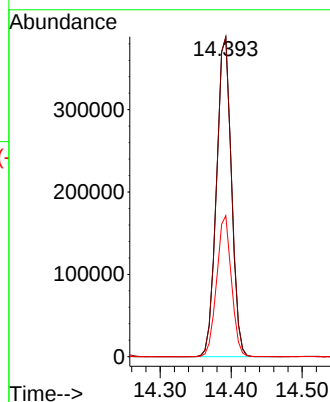
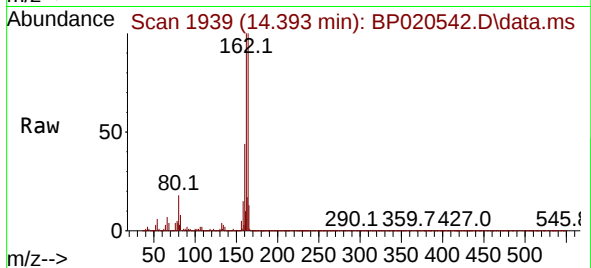
Tgt Ion:164 Resp: 563266

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 44.2 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.364 ng

RT: 12.551 min Scan# 1626

Delta R.T. -0.012 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Tgt Ion:216 Resp: 771900

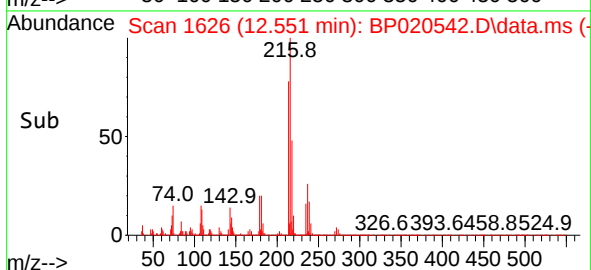
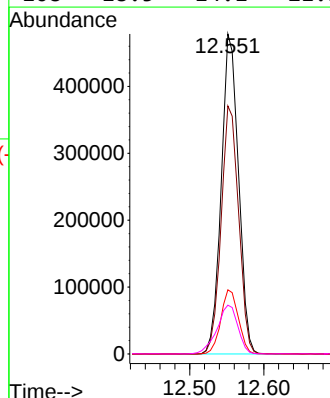
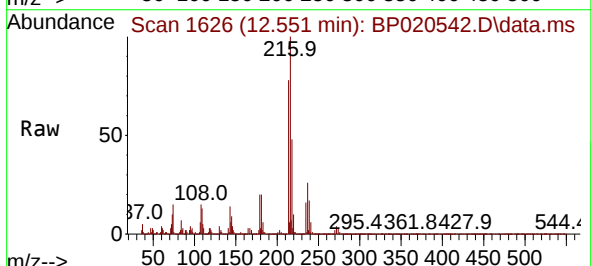
Ion Ratio Lower Upper

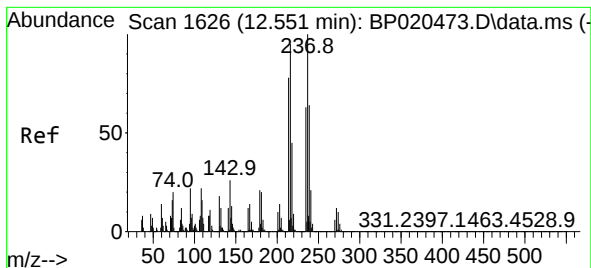
216 100

214 78.6 63.0 94.4

179 20.4 16.9 25.3

108 18.5 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 148.919 ng

RT: 12.534 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

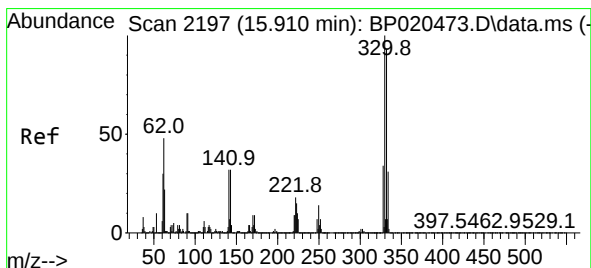
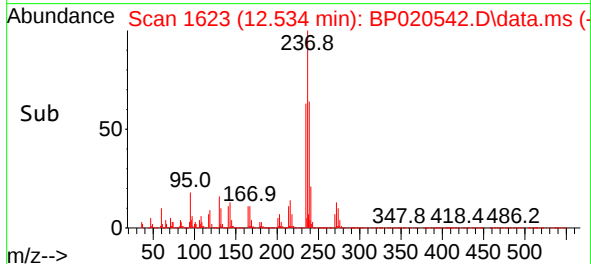
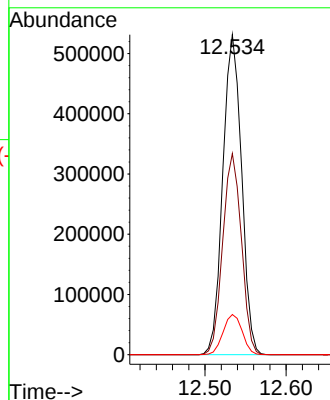
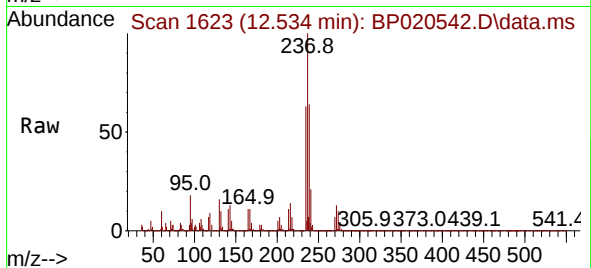
Tgt Ion:237 Resp: 852948

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 144.346 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

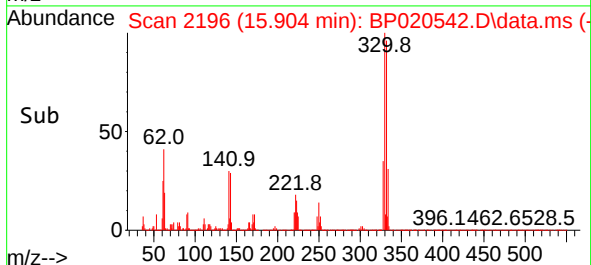
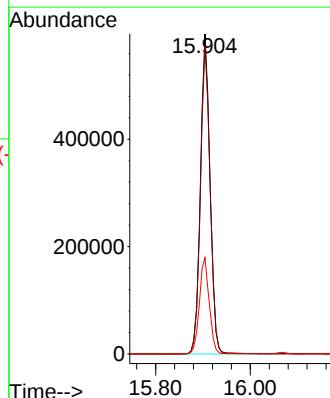
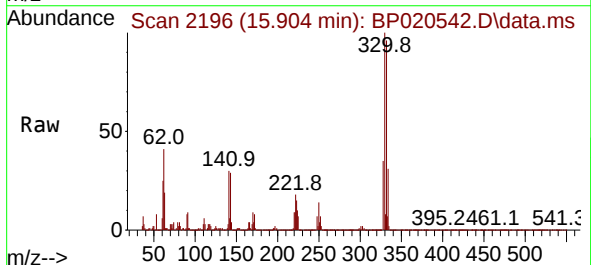
Tgt Ion:330 Resp: 843792

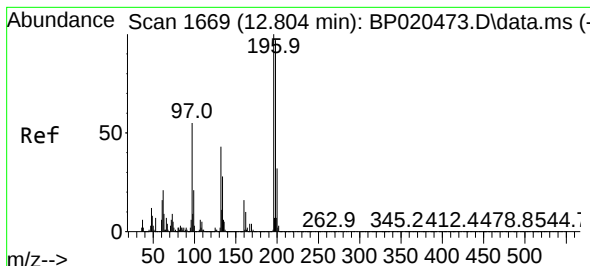
Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

141 30.6 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 47.520 ng

RT: 12.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

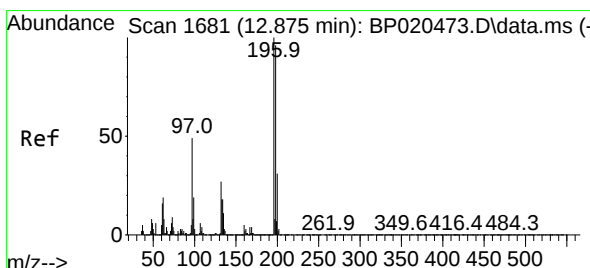
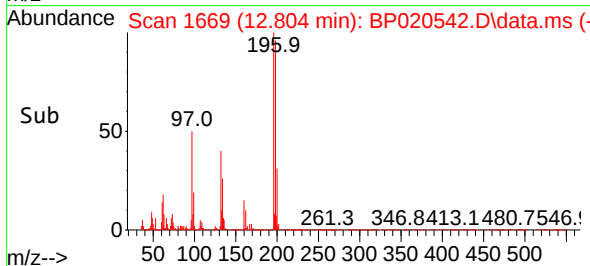
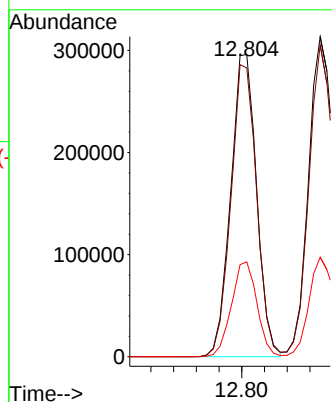
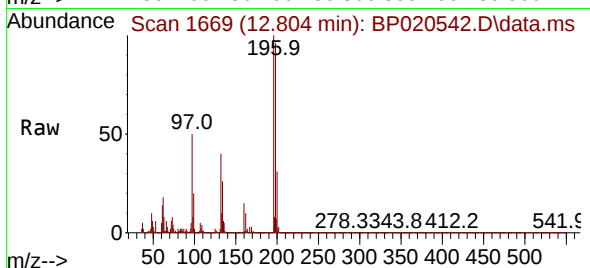
Tgt Ion:196 Resp: 468127

Ion Ratio Lower Upper

196 100

198 95.6 77.9 116.9

200 31.4 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.488 ng

RT: 12.869 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Tgt Ion:196 Resp: 505610

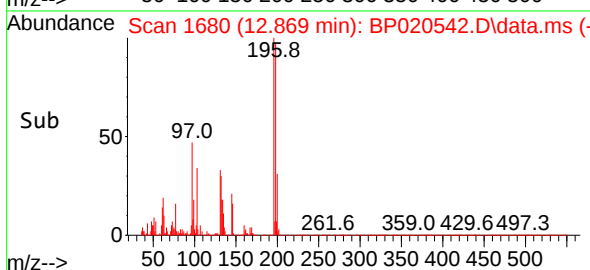
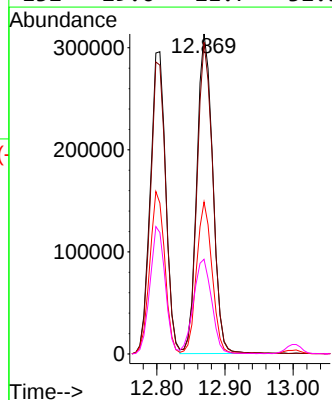
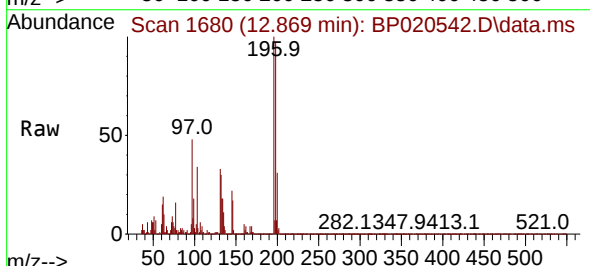
Ion Ratio Lower Upper

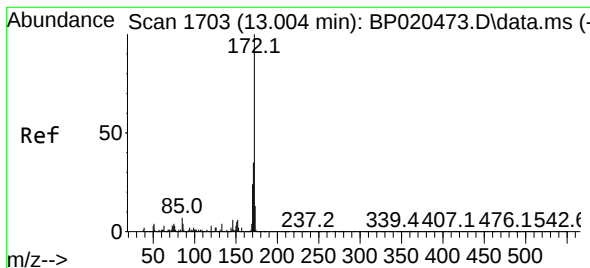
196 100

198 97.4 77.0 115.4

97 47.5 38.9 58.3

132 29.6 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 85.846 ng

RT: 13.004 min Scan# 1703

Delta R.T. 0.000 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

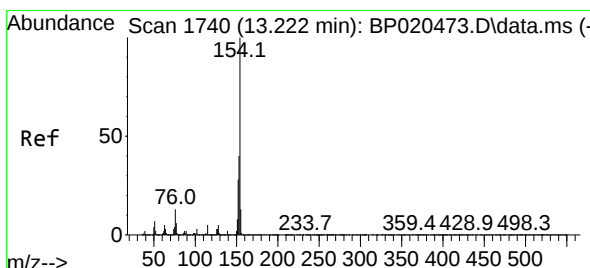
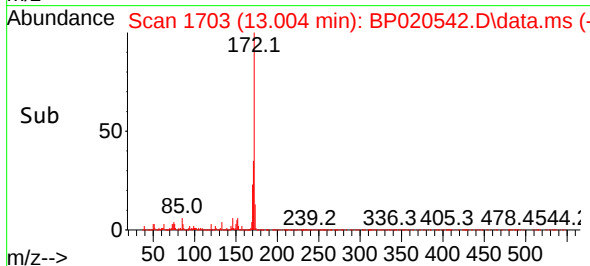
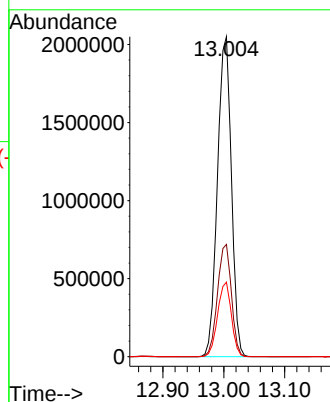
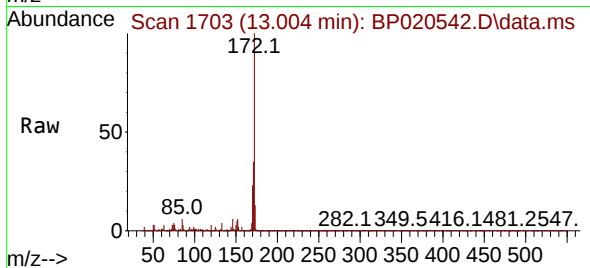
Tgt Ion:172 Resp: 3243675

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.274 ng

RT: 13.216 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

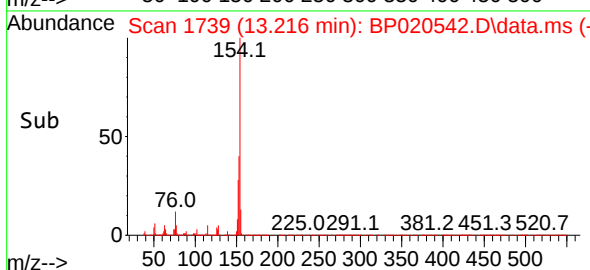
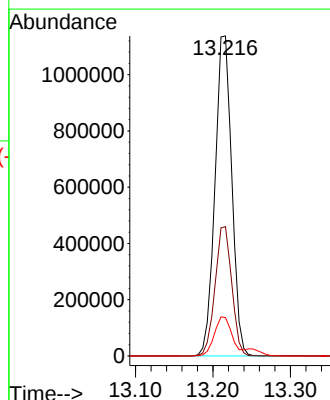
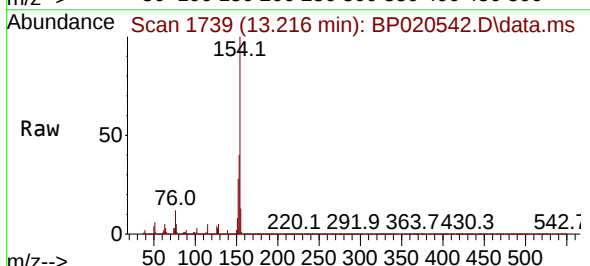
Tgt Ion:154 Resp: 1720193

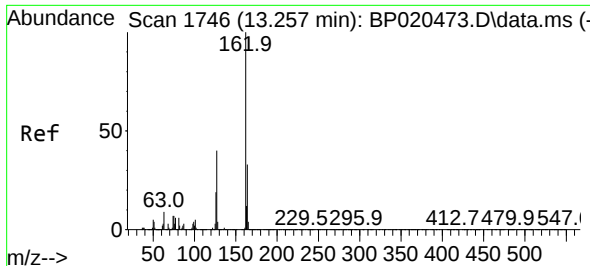
Ion Ratio Lower Upper

154 100

153 40.4 19.9 59.9

76 12.0 0.0 33.2

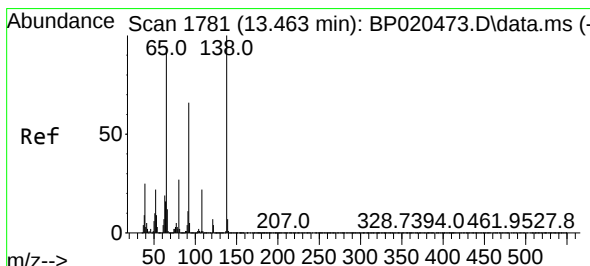
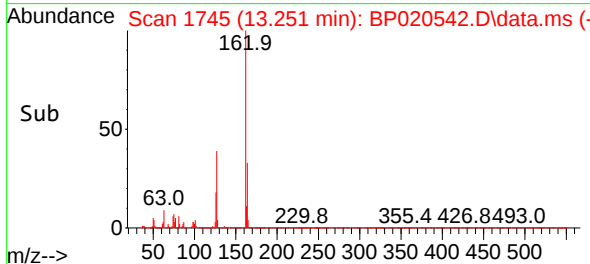
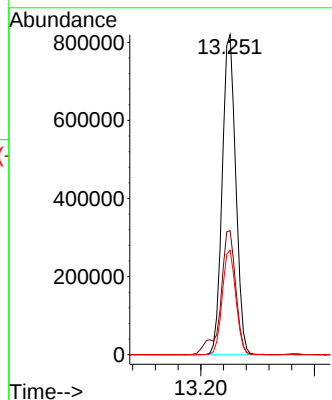
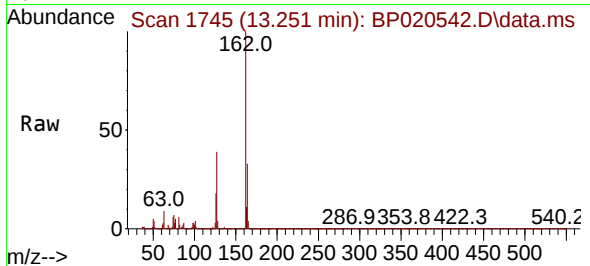




#47
2-Chloronaphthalene
Concen: 42.974 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

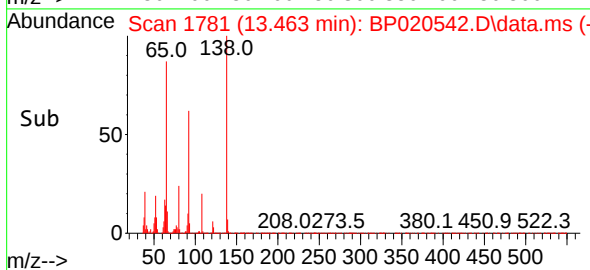
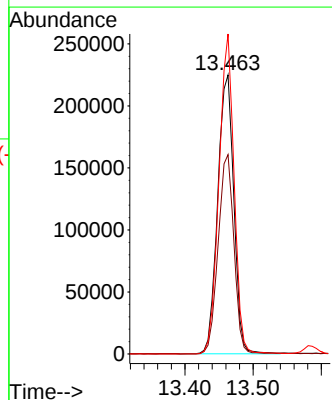
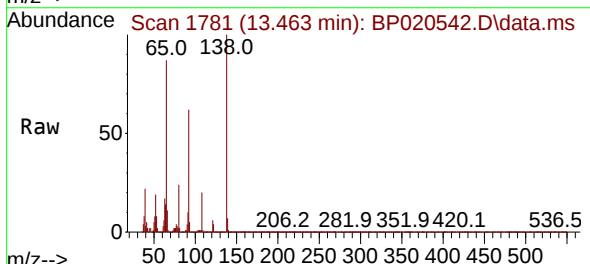
Instrument :
BNA_P
ClientSampleId :
PB161290BS

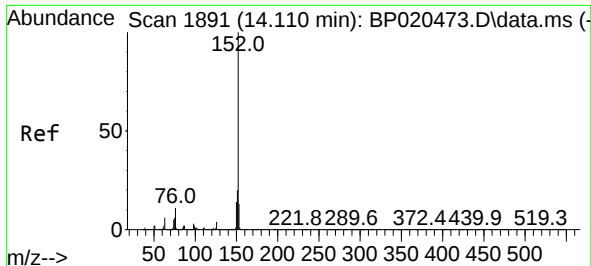
Tgt Ion:162 Resp: 1358036
Ion Ratio Lower Upper
162 100
127 38.8 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.341 ng
RT: 13.463 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion: 65 Resp: 371126
Ion Ratio Lower Upper
65 100
92 71.5 55.8 83.8
138 114.6 85.2 127.8

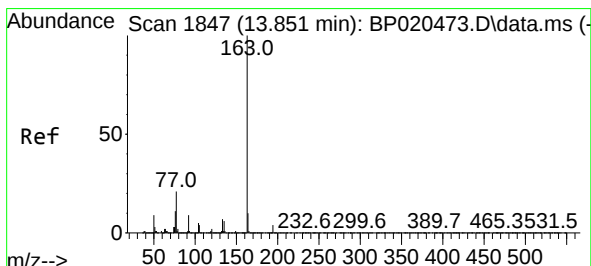
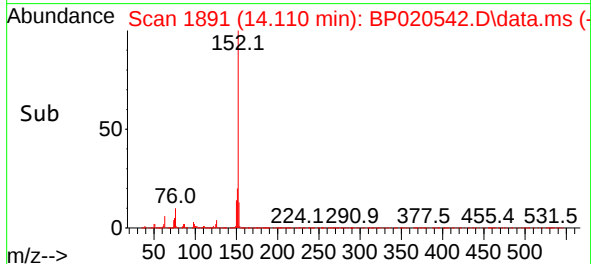
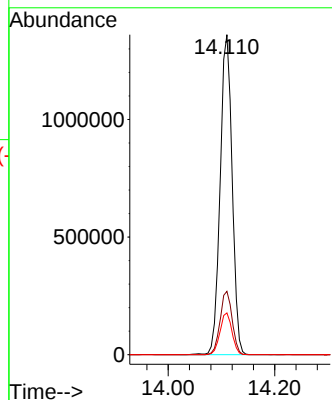
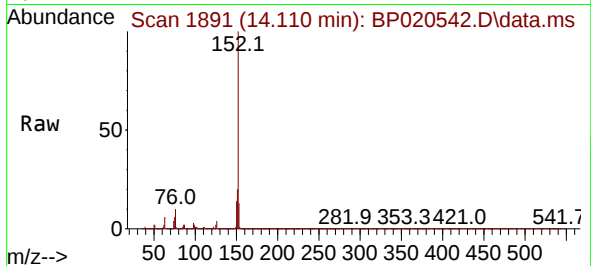




#49
Acenaphthylene
Concen: 45.165 ng
RT: 14.110 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

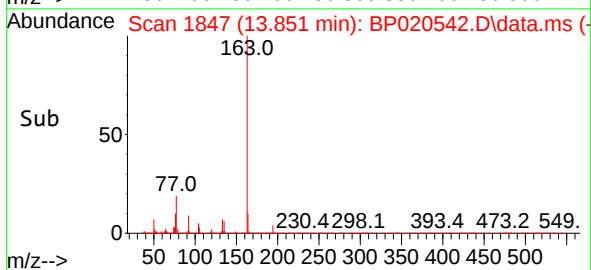
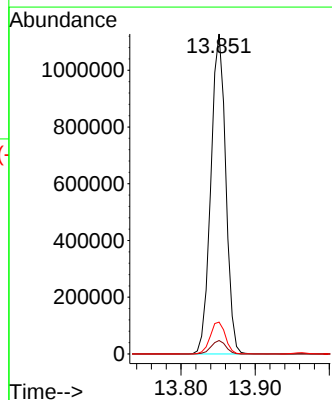
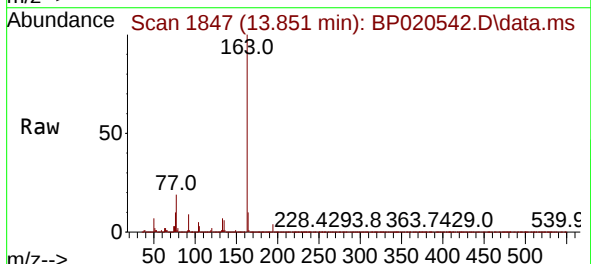
Instrument :
BNA_P
ClientSampleId :
PB161290BS

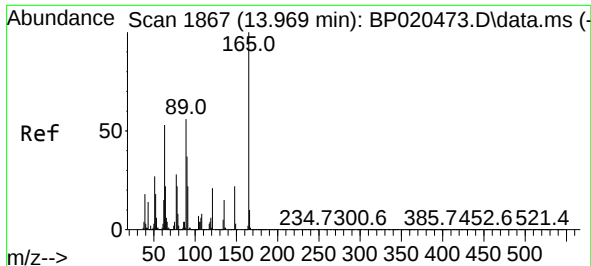
Tgt Ion:152 Resp: 2117850
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 39.601 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:163 Resp: 1572329
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.3 12.5

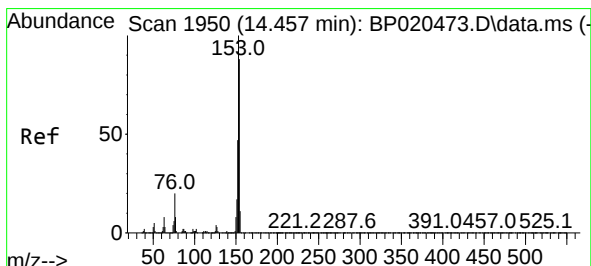
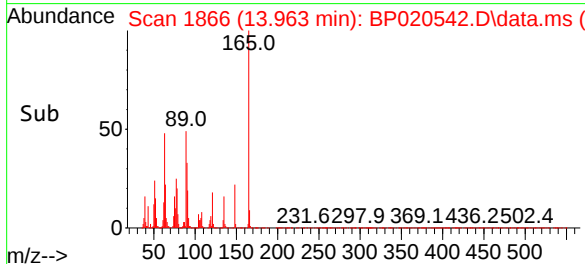
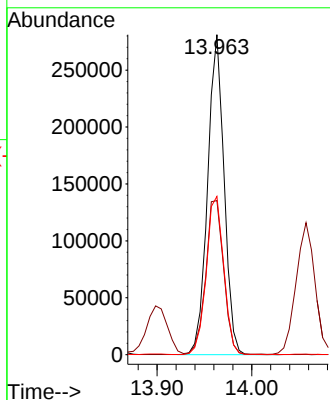
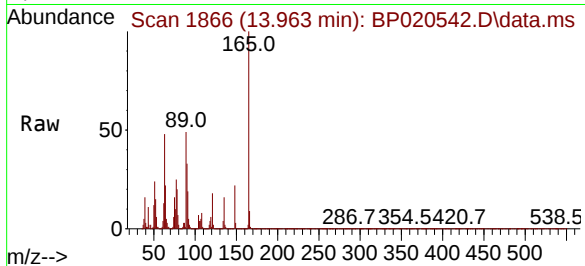




#51
2,6-Dinitrotoluene
Concen: 39.900 ng
RT: 13.963 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

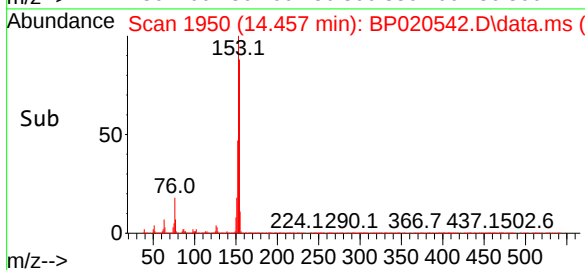
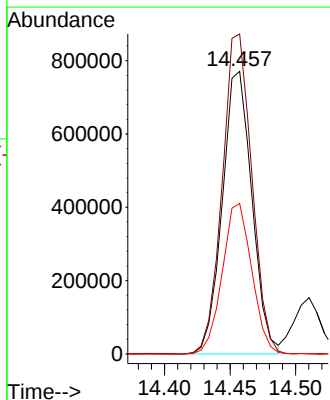
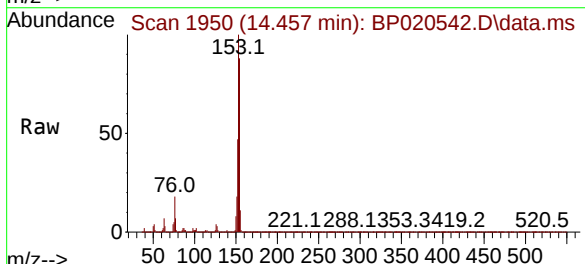
Instrument :
BNA_P
ClientSampleId :
PB161290BS

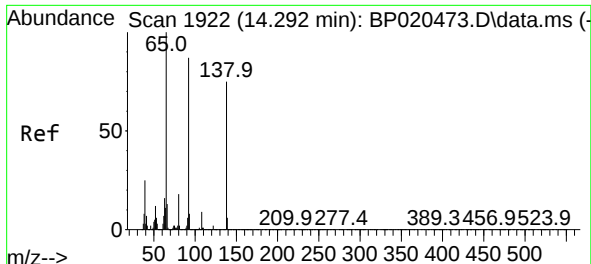
Tgt Ion:165 Resp: 338615
Ion Ratio Lower Upper
165 100
63 48.1 45.6 68.4
89 49.4 44.9 67.3



#52
Acenaphthene
Concen: 40.981 ng
RT: 14.457 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:154 Resp: 1212168
Ion Ratio Lower Upper
154 100
153 113.2 90.6 136.0
152 53.2 42.6 63.8

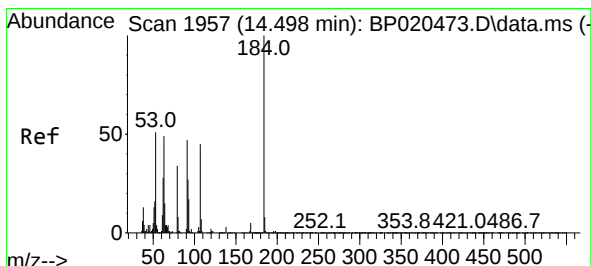
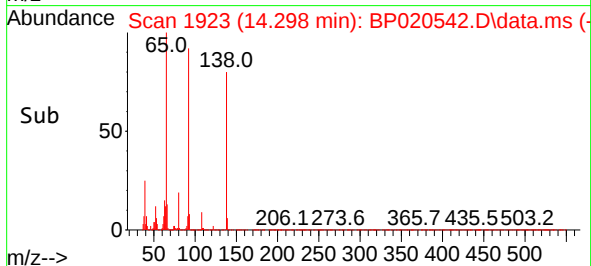
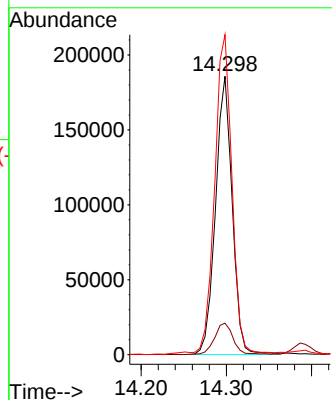
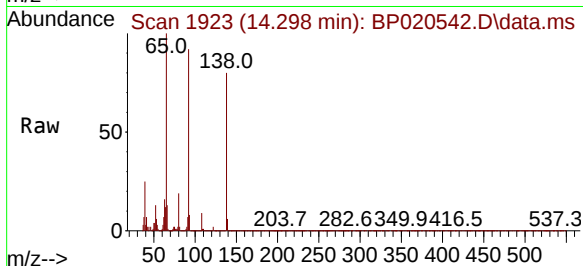




#53
3-Nitroaniline
Concen: 29.798 ng
RT: 14.298 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

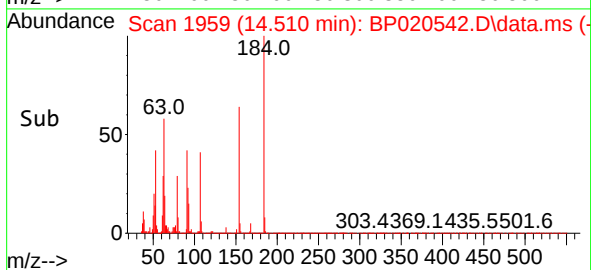
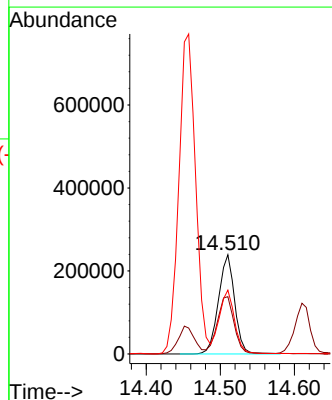
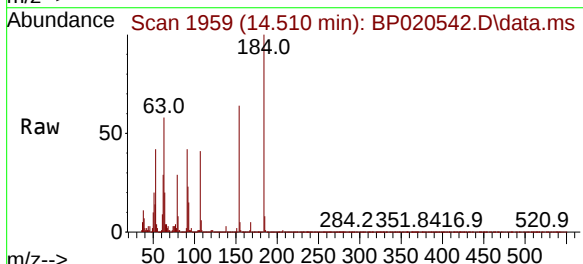
Instrument :
BNA_P
ClientSampleId :
PB161290BS

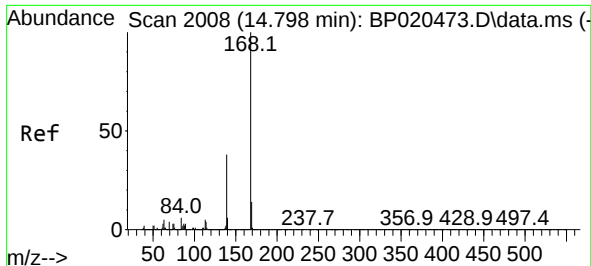
Tgt Ion:138 Resp: 253661
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 115.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 90.687 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:184 Resp: 362666
Ion Ratio Lower Upper
184 100
63 57.7 54.2 81.4
154 64.3 51.0 76.6

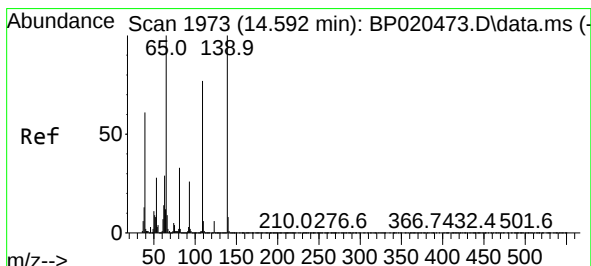
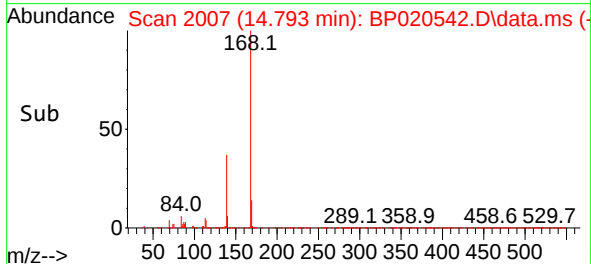
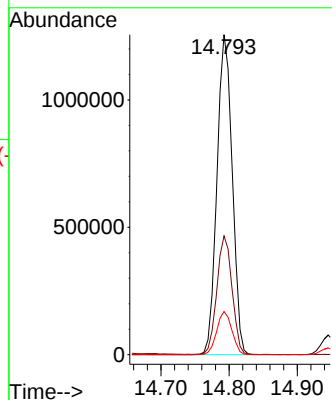
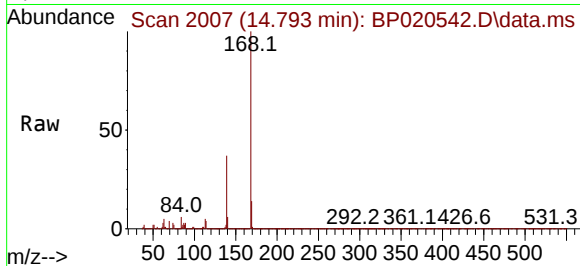




#55
Dibenzenofuran
Concen: 41.740 ng
RT: 14.793 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

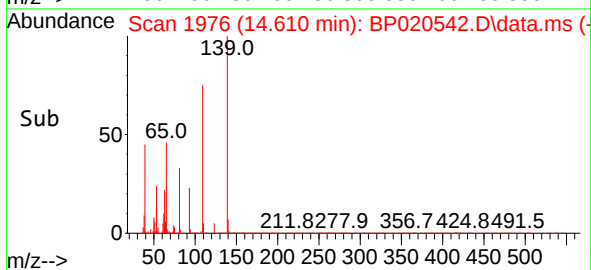
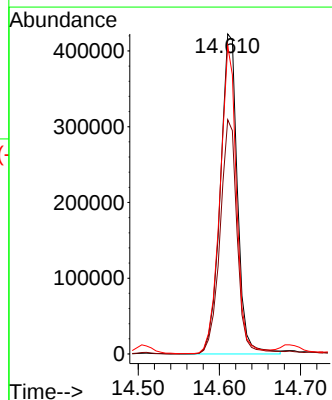
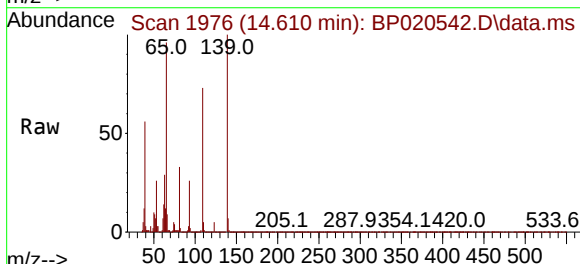
Instrument :
BNA_P
ClientSampleId :
PB161290BS

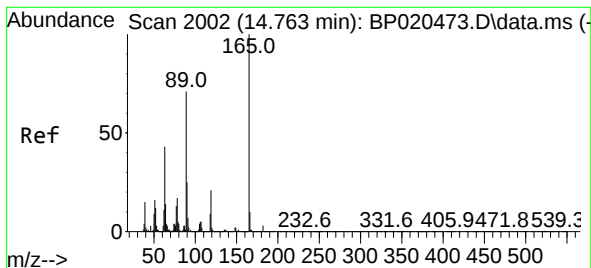
Tgt Ion:168 Resp: 1955773
Ion Ratio Lower Upper
168 100
139 37.1 30.4 45.6
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 94.225 ng
RT: 14.610 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:139 Resp: 620468
Ion Ratio Lower Upper
139 100
109 73.2 57.4 97.4
65 96.3 80.4 120.4

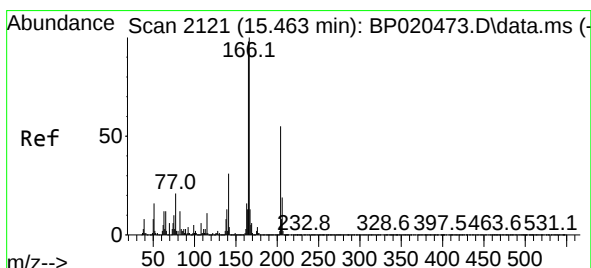
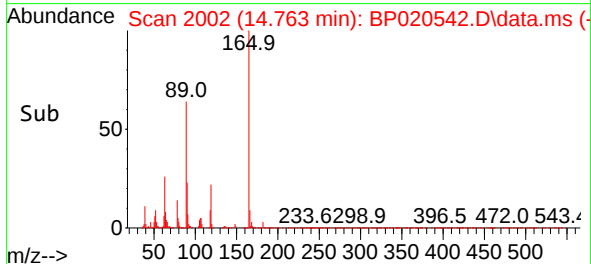
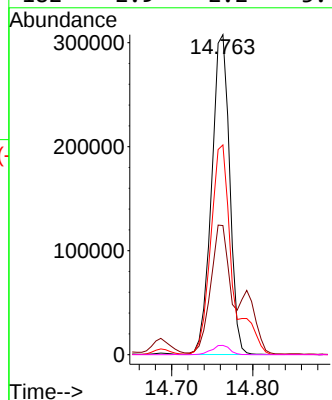
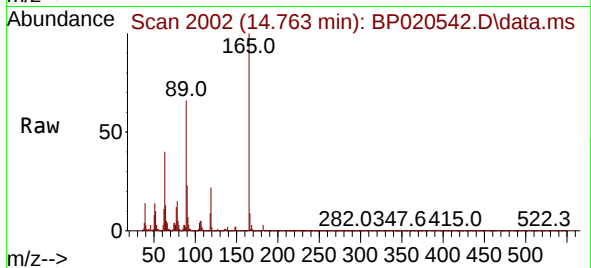




#57
2,4-Dinitrotoluene
Concen: 42.458 ng
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

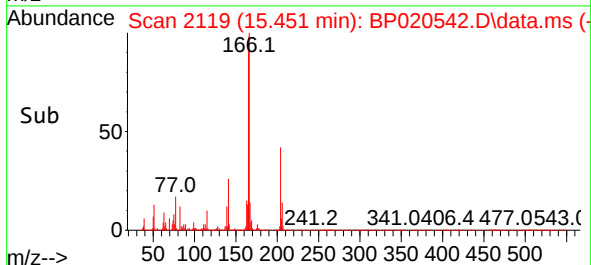
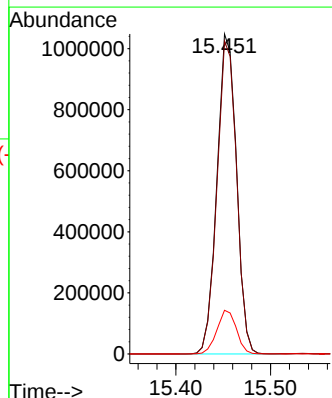
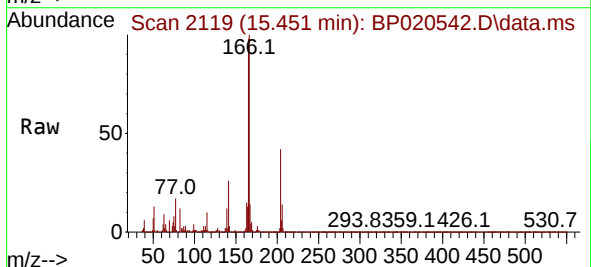
Instrument :
BNA_P
ClientSampleId :
PB161290BS

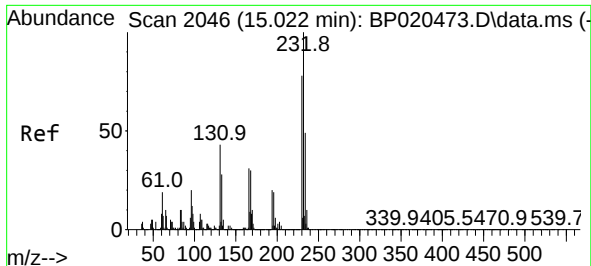
Tgt Ion:	165	Resp:	473529
Ion	Ratio	Lower	Upper
165	100		
63	40.4	34.9	52.3
89	65.5	56.6	85.0
182	2.9	2.2	3.4



#58
Fluorene
Concen: 39.927 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:	166	Resp:	1501847
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.6	10.7	16.1

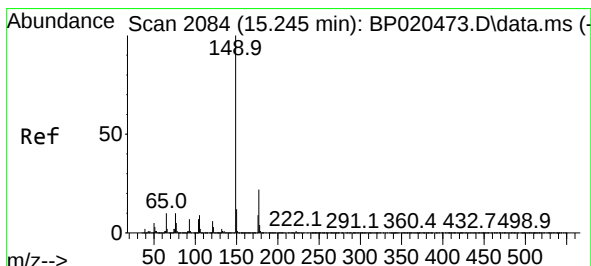
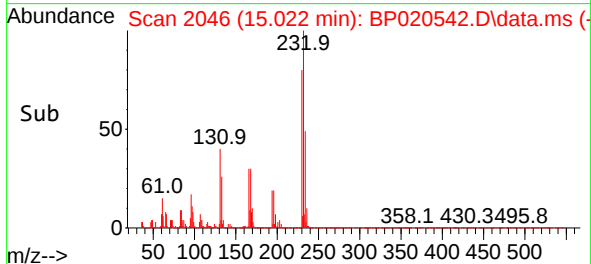
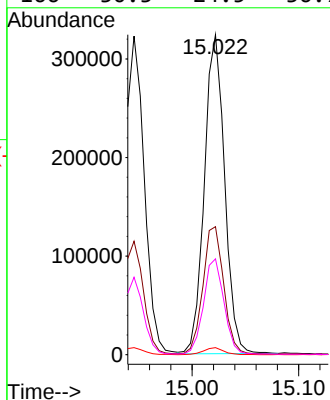
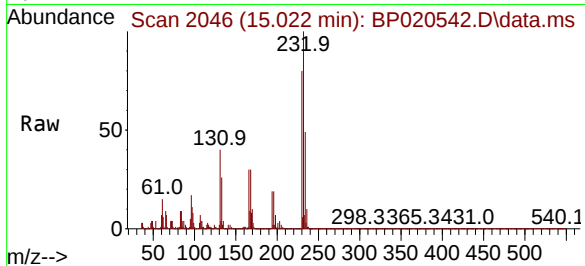




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.103 ng
RT: 15.022 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

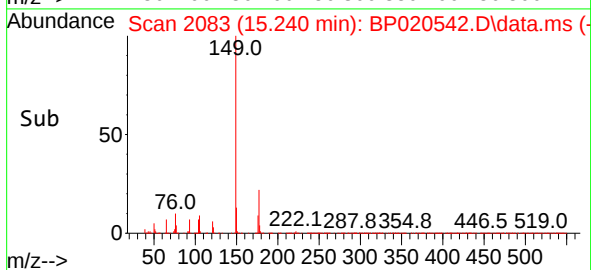
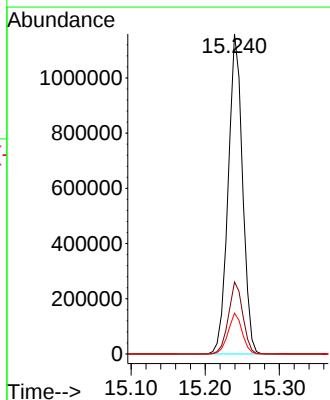
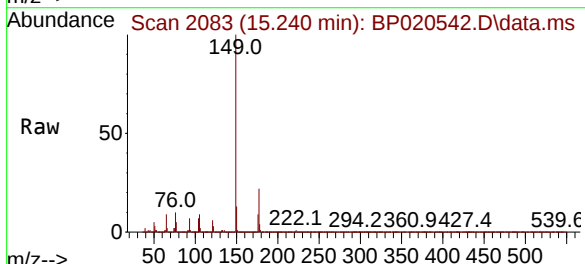
Instrument :
BNA_P
ClientSampleId :
PB161290BS

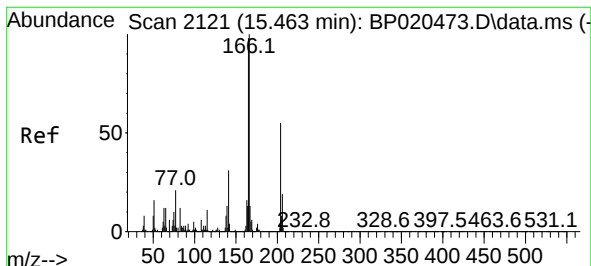
Tgt Ion:232	Resp:	428784
Ion	Ratio	Lower Upper
232	100	
131	41.2	34.8 52.2
130	2.2	1.9 2.9
166	30.3	24.5 36.7



#60
Diethylphthalate
Concen: 38.550 ng
RT: 15.240 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:149	Resp:	1555903
Ion	Ratio	Lower Upper
149	100	
177	22.5	17.8 26.8
150	12.7	9.8 14.8

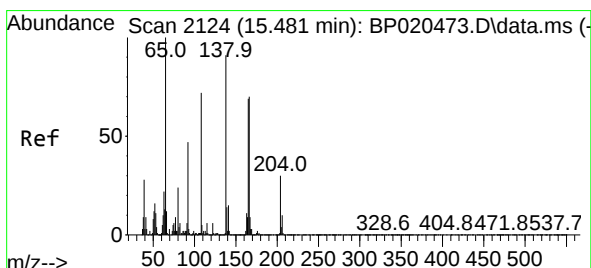
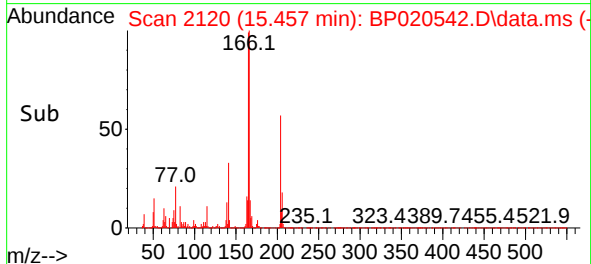
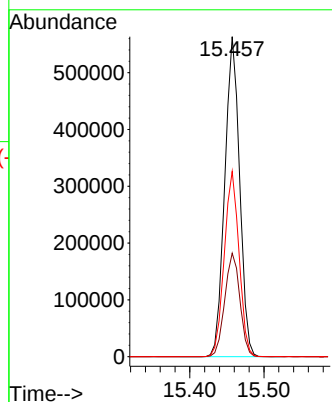
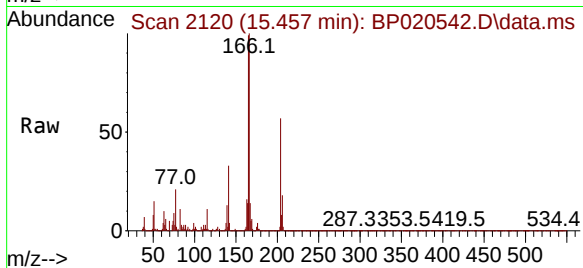




#61
4-Chlorophenyl-phenylether
Concen: 40.357 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

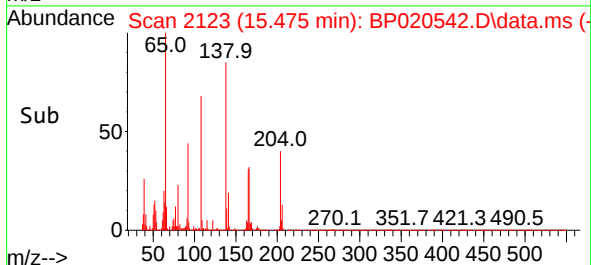
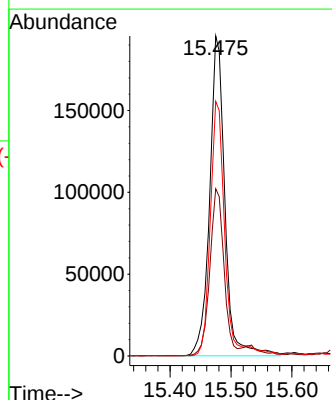
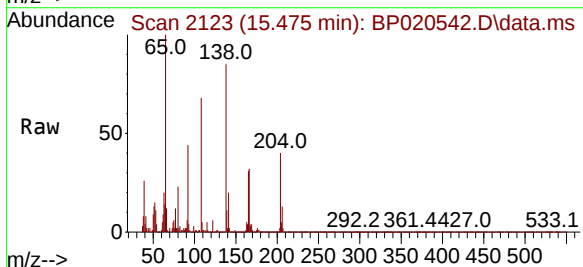
Instrument :
BNA_P
ClientSampleId :
PB161290BS

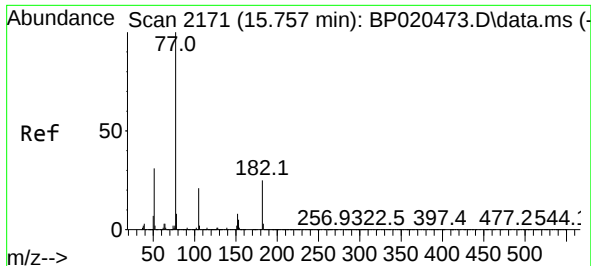
Tgt Ion:204 Resp: 783360
Ion Ratio Lower Upper
204 100
206 32.3 27.0 40.4
141 57.9 45.0 67.6



#62
4-Nitroaniline
Concen: 38.882 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:138 Resp: 340957
Ion Ratio Lower Upper
138 100
92 52.2 31.7 71.7
108 79.5 59.9 99.9

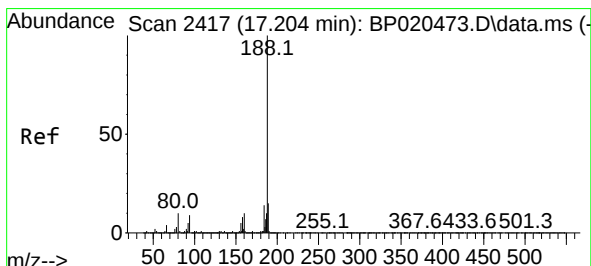
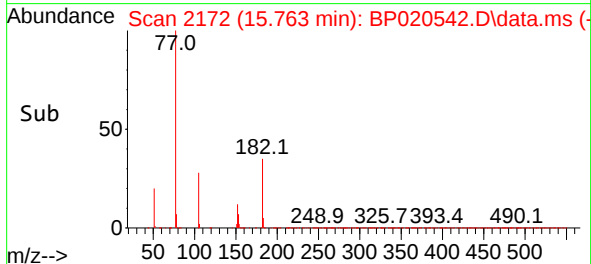
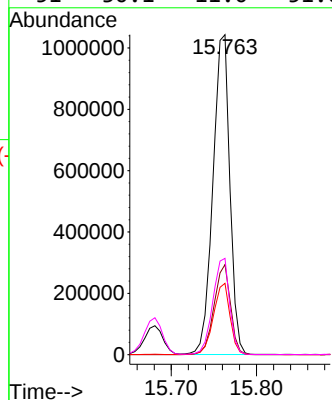
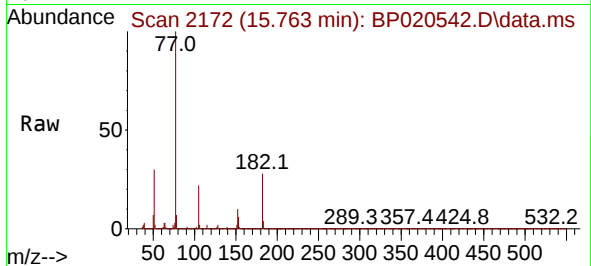




#63
Azobenzene
Concen: 38.073 ng
RT: 15.763 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

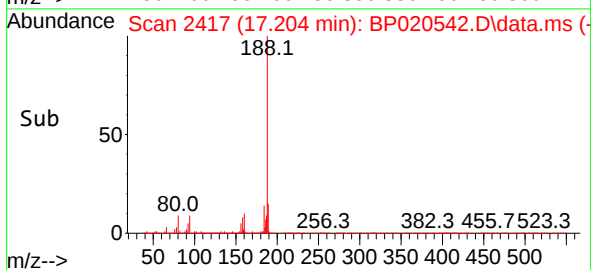
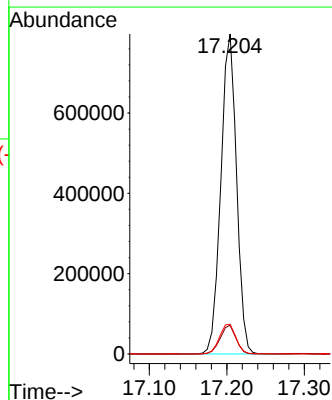
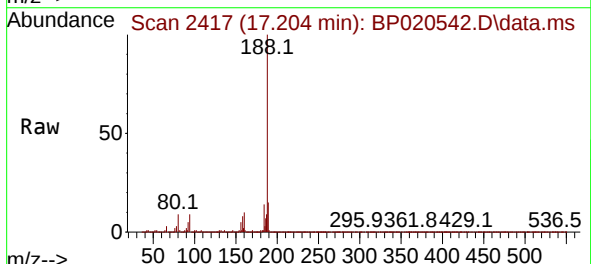
Instrument :
BNA_P
ClientSampleId :
PB161290BS

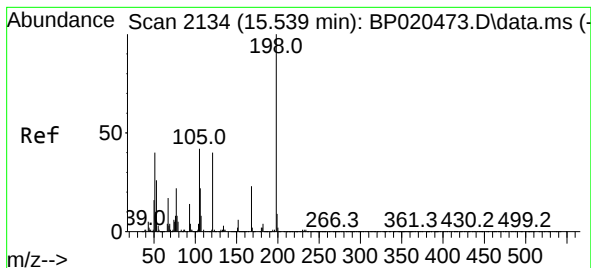
Tgt Ion: 77 Resp: 1434864
Ion Ratio Lower Upper
77 100
182 28.1 4.6 44.6
105 22.3 1.2 41.2
51 30.1 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:188 Resp: 1119554
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.3 8.1 12.1

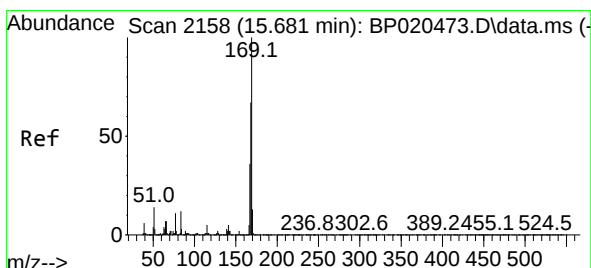
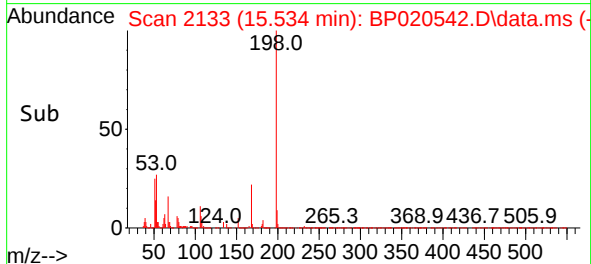
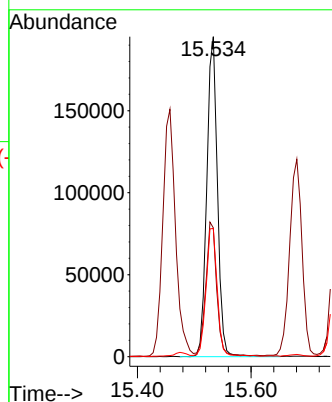
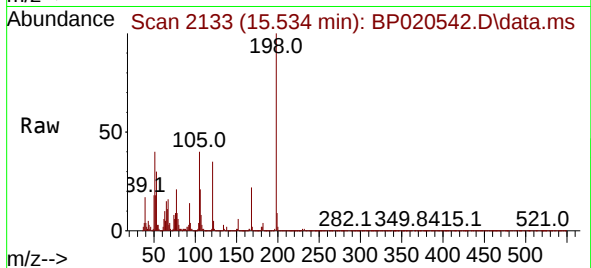




#65
4,6-Dinitro-2-methylphenol
Concen: 50.541 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

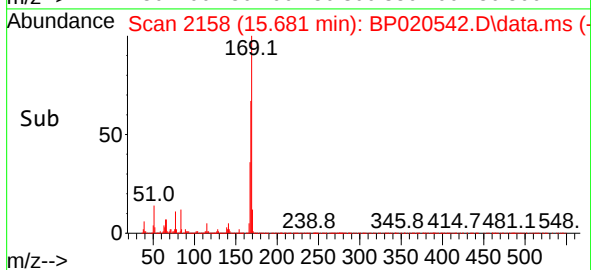
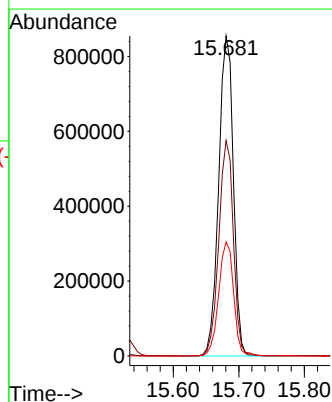
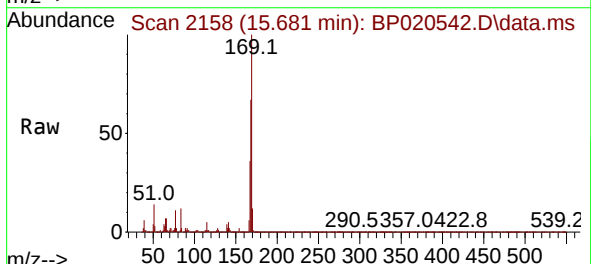
Instrument :
BNA_P
ClientSampleId :
PB161290BS

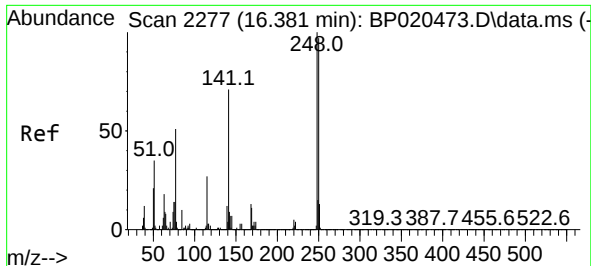
Tgt Ion:198 Resp: 253255
Ion Ratio Lower Upper
198 100
51 40.3 24.8 64.8
105 40.0 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 42.936 ng
RT: 15.681 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:169 Resp: 1321598
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 35.7 28.7 43.1

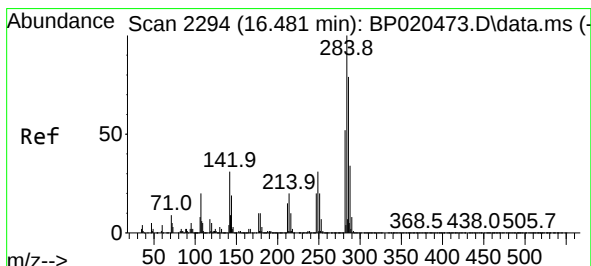
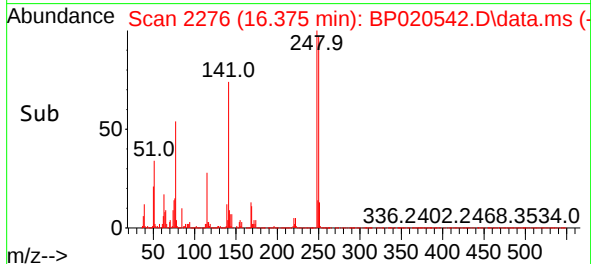
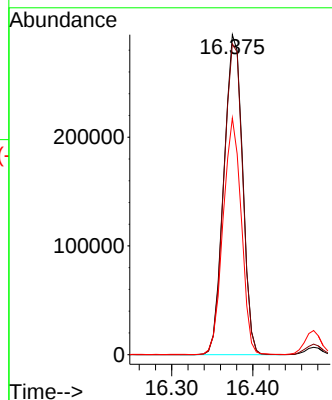
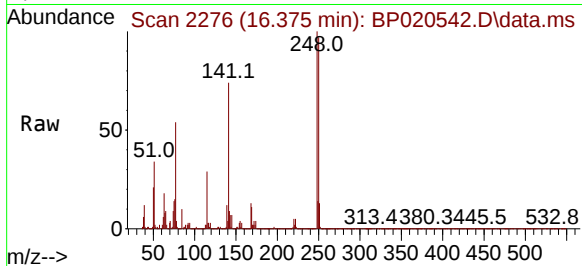




#67
4-Bromophenyl-phenylether
Concen: 41.185 ng
RT: 16.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

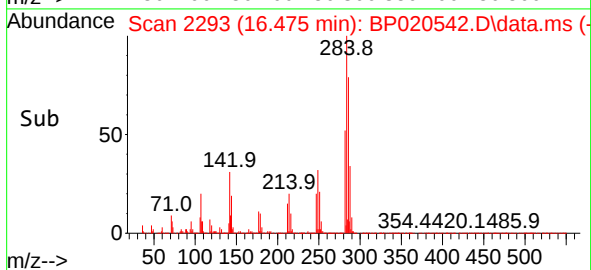
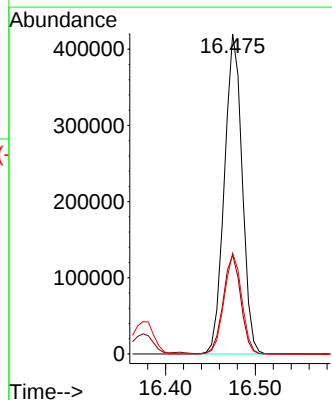
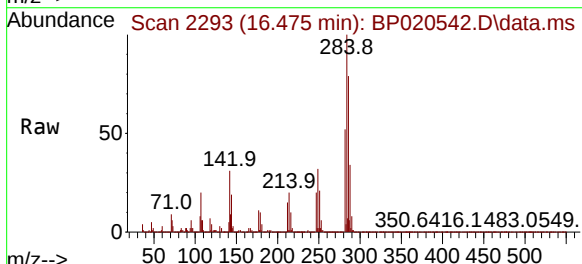
Instrument :
BNA_P
ClientSampleId :
PB161290BS

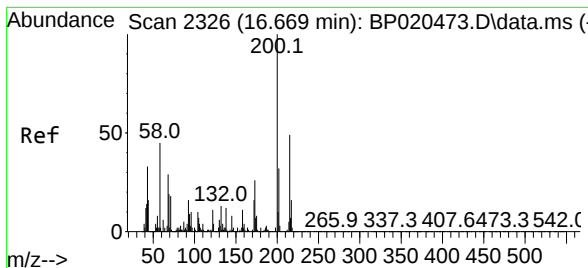
Tgt Ion:248 Resp: 471726
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.0
141 74.0 56.5 84.7



#68
Hexachlorobenzene
Concen: 42.746 ng
RT: 16.475 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:284 Resp: 576219
Ion Ratio Lower Upper
284 100
142 30.9 24.5 36.7
249 31.5 25.3 37.9





#69

Atrazine

Concen: 44.259 ng

RT: 16.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

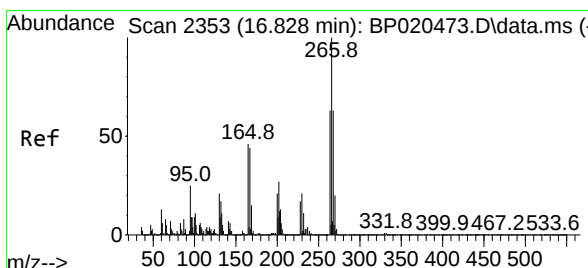
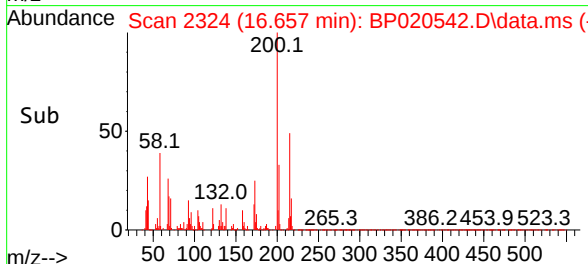
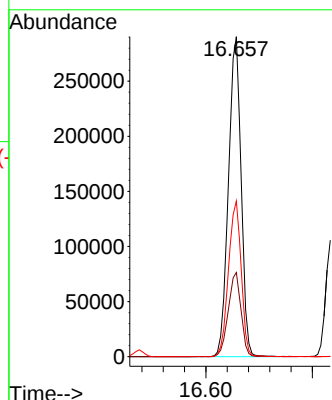
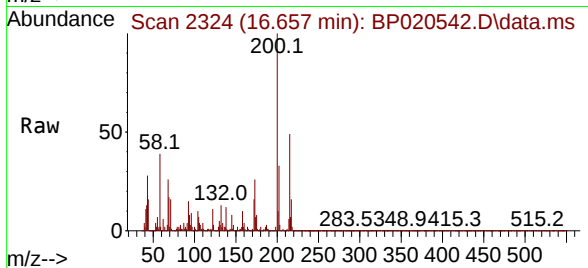
Tgt Ion:200 Resp: 479271

Ion Ratio Lower Upper

200 100

173 26.3 6.1 46.1

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 92.663 ng

RT: 16.834 min Scan# 2354

Delta R.T. 0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

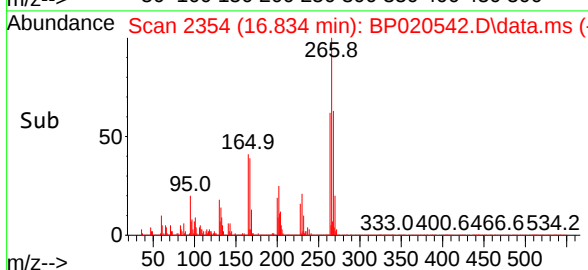
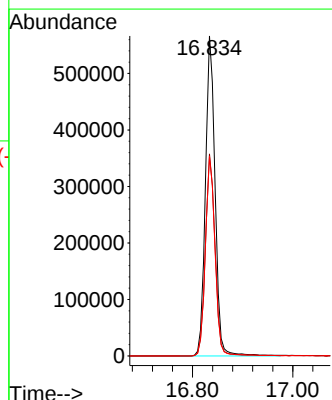
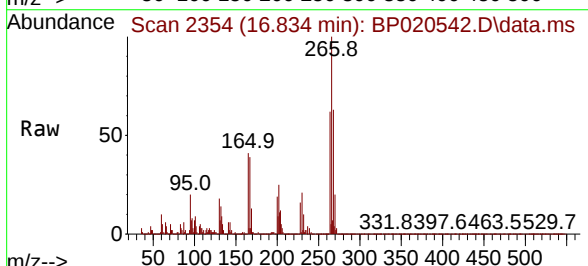
Tgt Ion:266 Resp: 758631

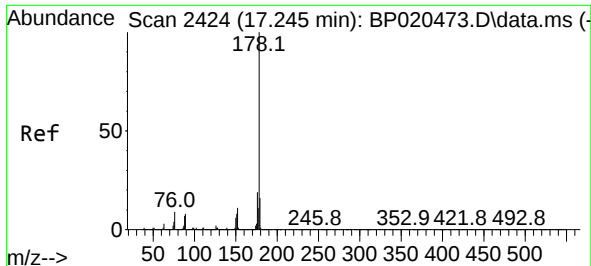
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 62.4 50.6 76.0

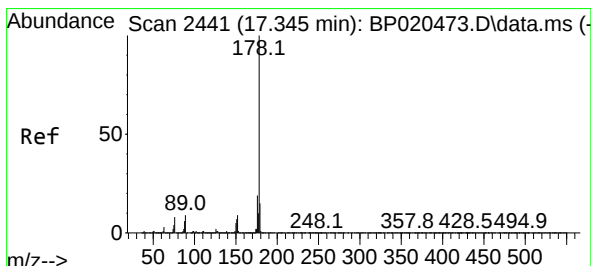
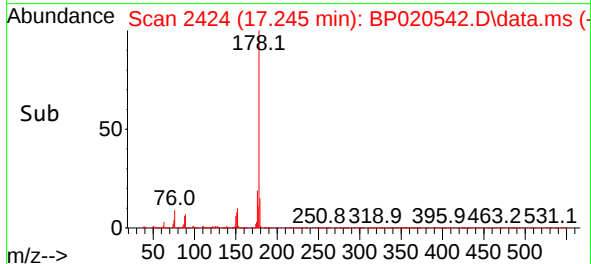
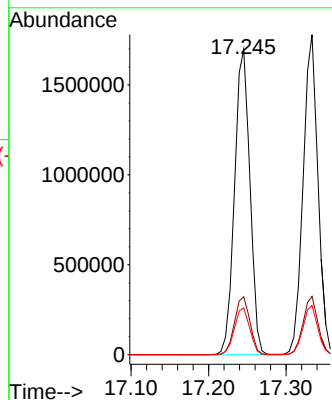
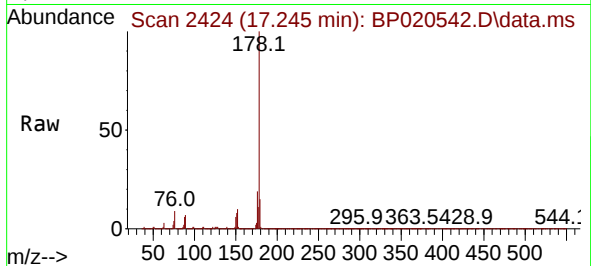




#71
Phenanthrene
Concen: 42.608 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

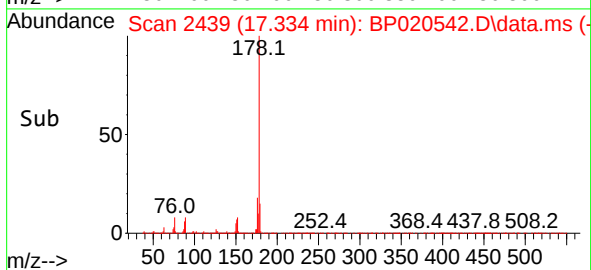
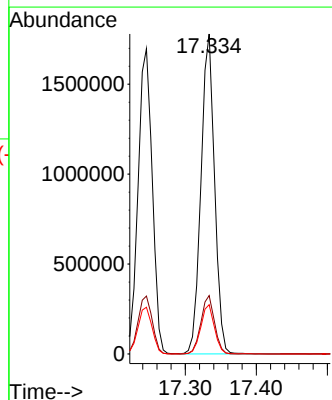
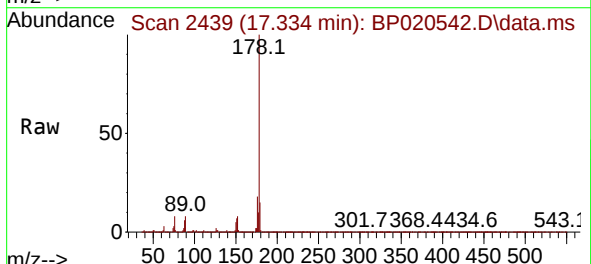
Instrument :
BNA_P
ClientSampleId :
PB161290BS

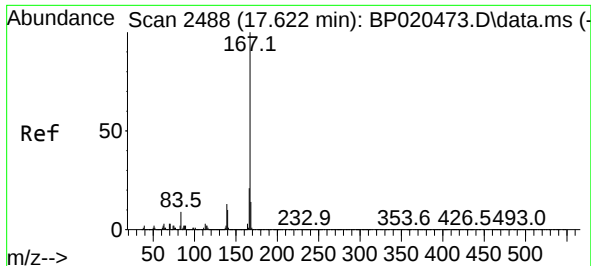
Tgt Ion:178 Resp: 2344910
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.5 18.7



#72
Anthracene
Concen: 43.890 ng
RT: 17.334 min Scan# 2439
Delta R.T. -0.012 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:178 Resp: 2370186
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.2 18.4

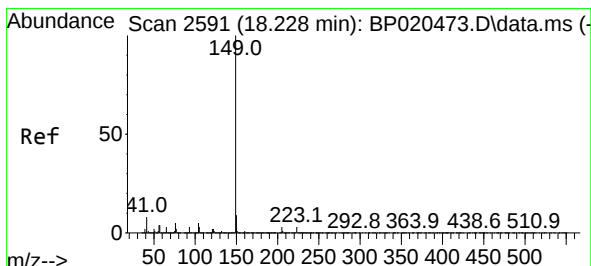
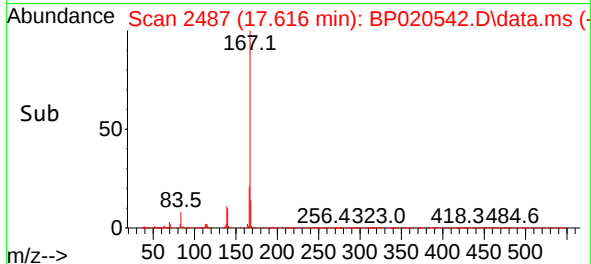
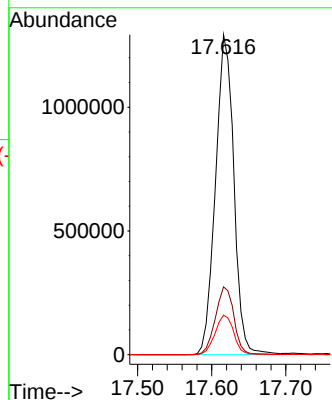
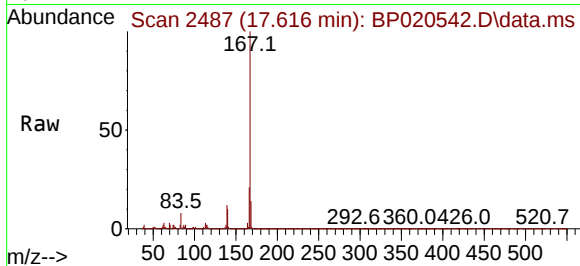




#73
 Carbazole
 Concen: 42.606 ng
 RT: 17.616 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BP020542.D
 Acq: 06 Jun 2024 15:10

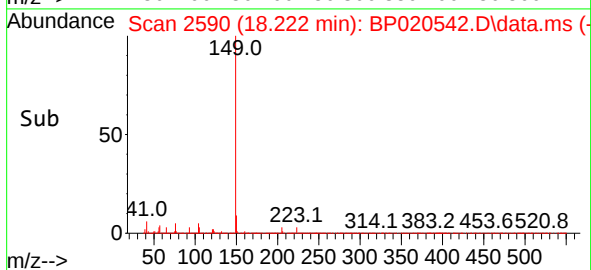
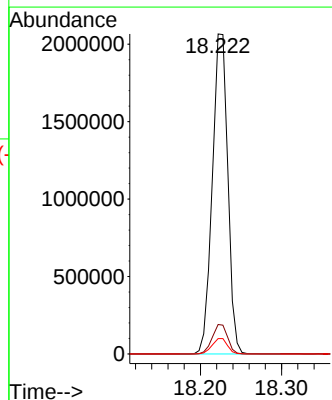
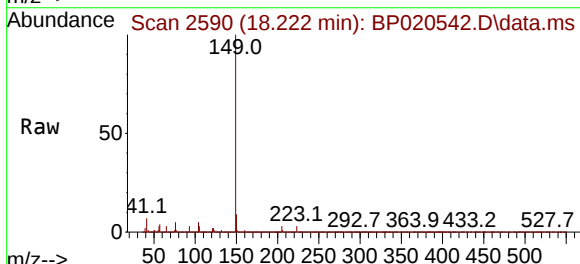
Instrument :
 BNA_P
 ClientSampleId :
 PB161290BS

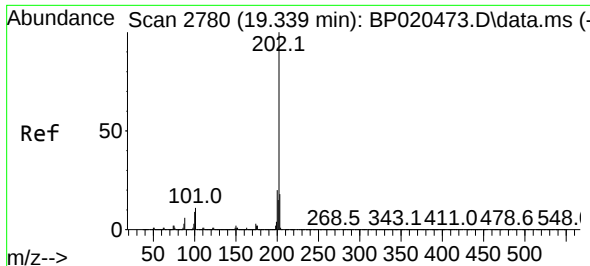
Tgt Ion:167 Resp: 2225566
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 43.259 ng
 RT: 18.222 min Scan# 2590
 Delta R.T. -0.006 min
 Lab File: BP020542.D
 Acq: 06 Jun 2024 15:10

Tgt Ion:149 Resp: 2736488
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.2 6.2

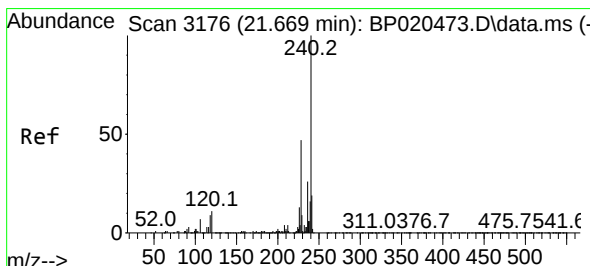
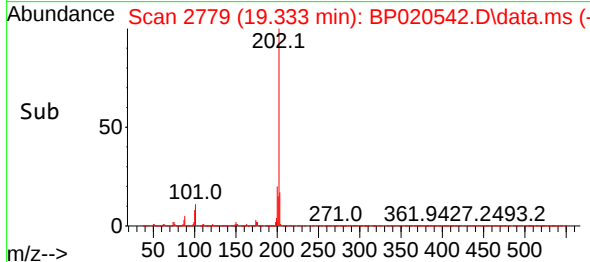
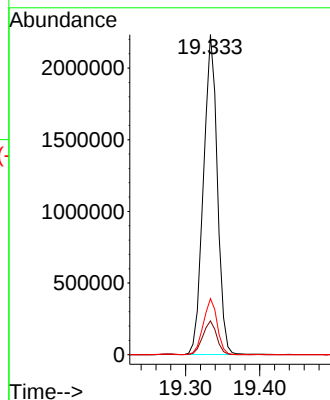
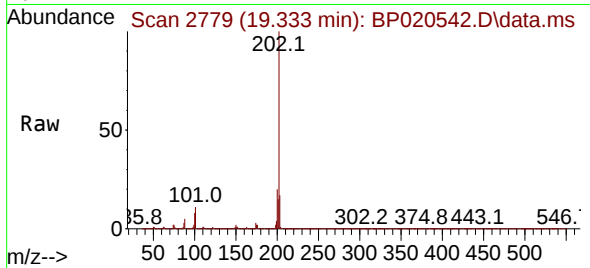




#75
Fluoranthene
Concen: 44.642 ng
RT: 19.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

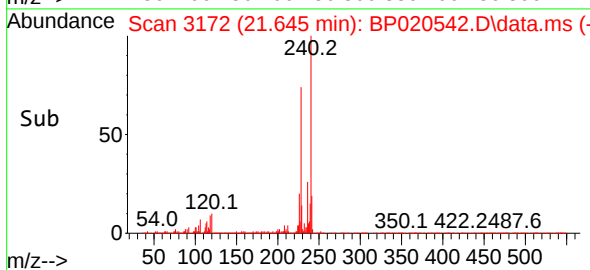
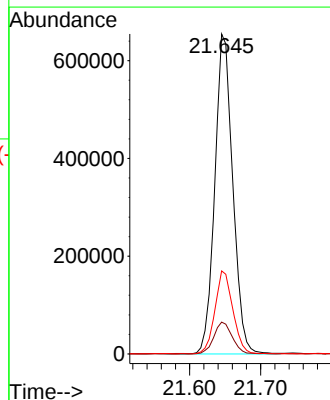
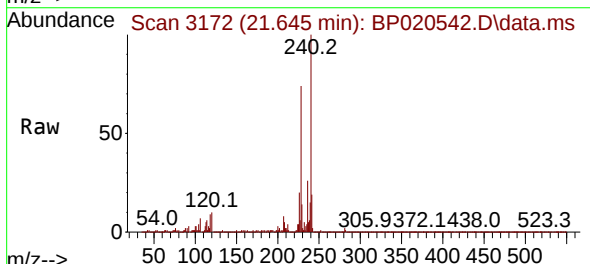
Instrument :
BNA_P
ClientSampleId :
PB161290BS

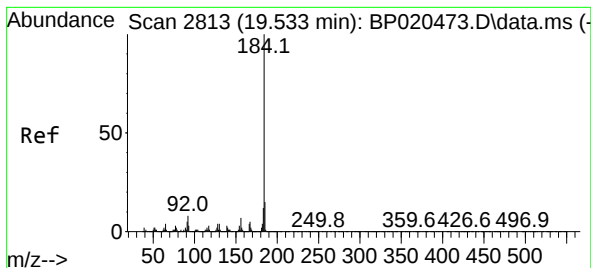
Tgt Ion:202 Resp: 2906512
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:240 Resp: 1148508
Ion Ratio Lower Upper
240 100
120 9.9 8.5 12.7
236 26.0 20.5 30.7





#77

Benzidine

Concen: 19.588 ng

RT: 19.533 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

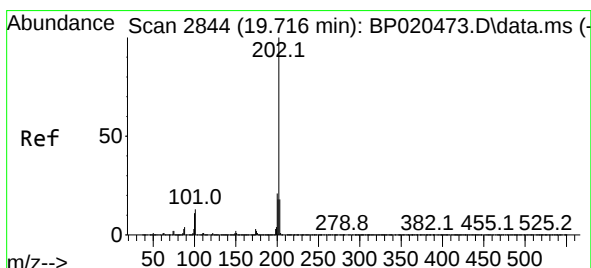
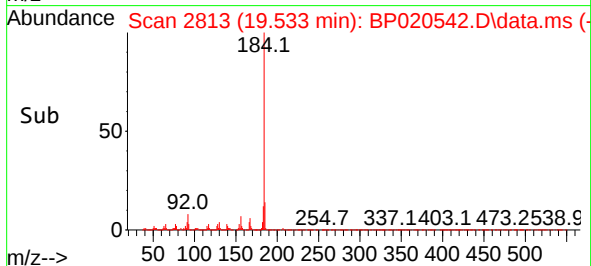
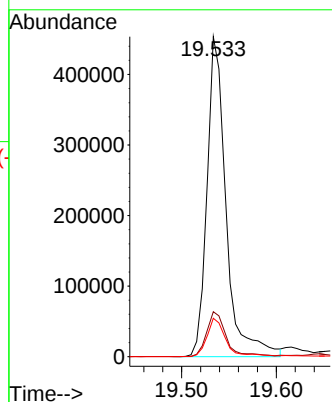
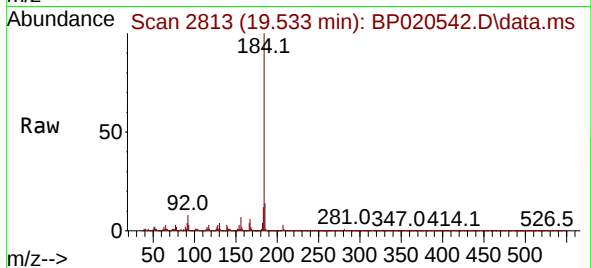
Tgt Ion:184 Resp: 635024

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

183 12.0 9.4 14.0



#78

Pyrene

Concen: 35.497 ng

RT: 19.710 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

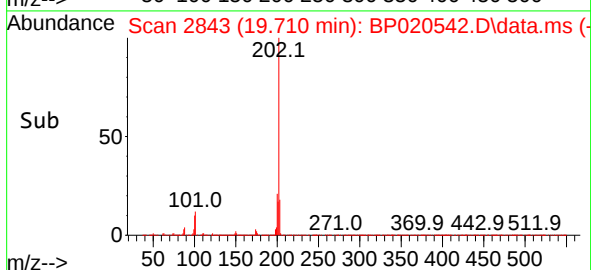
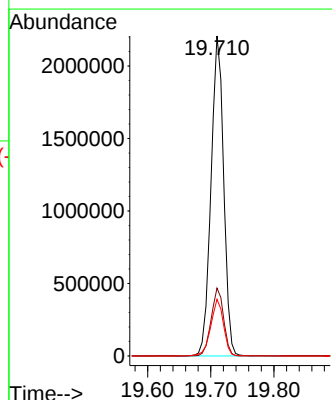
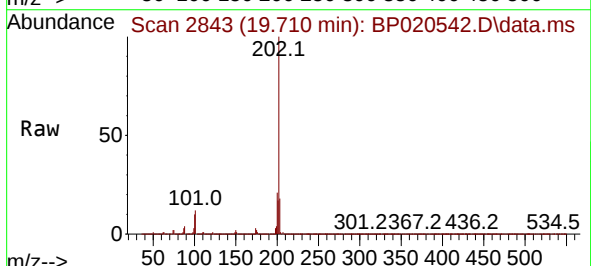
Tgt Ion:202 Resp: 3066557

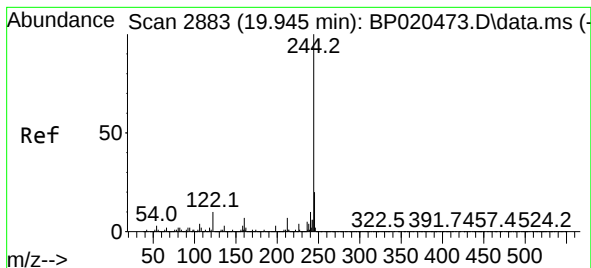
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 71.379 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

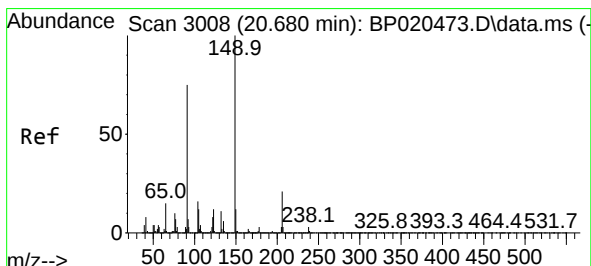
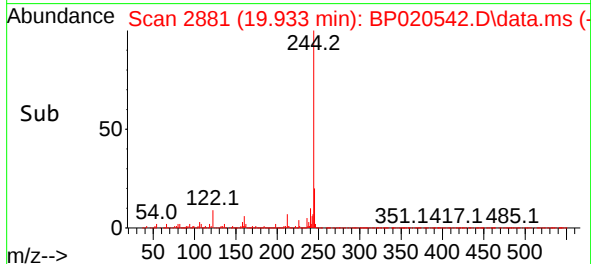
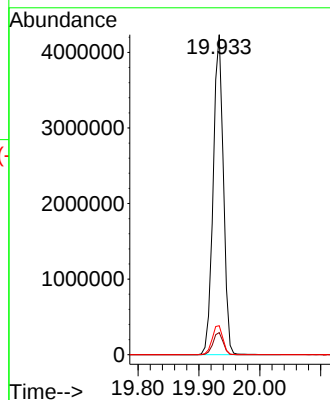
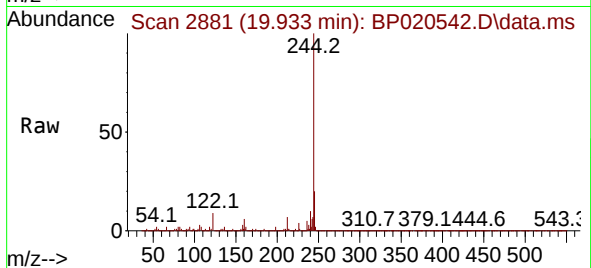
Tgt Ion:244 Resp: 4924499

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 38.587 ng

RT: 20.675 min Scan# 3007

Delta R.T. -0.005 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

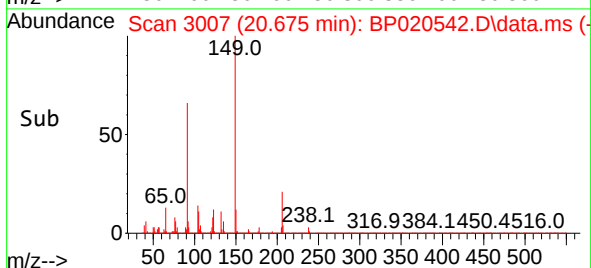
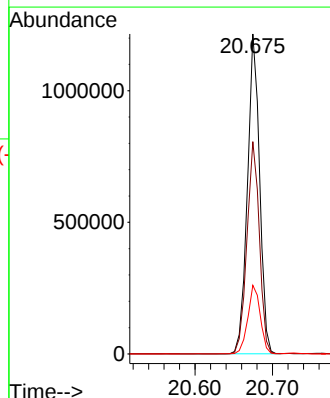
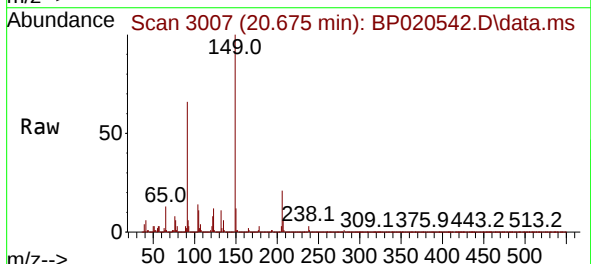
Tgt Ion:149 Resp: 1325000

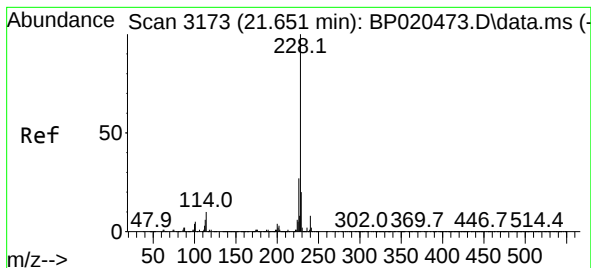
Ion Ratio Lower Upper

149 100

91 66.4 60.0 90.0

206 21.4 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.342 ng

RT: 21.622 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

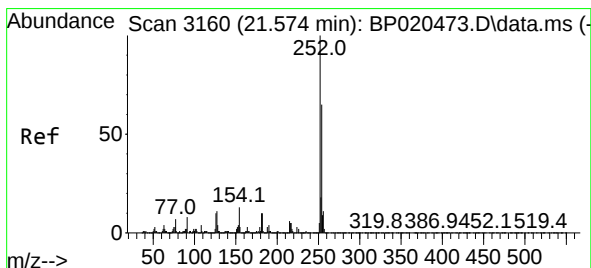
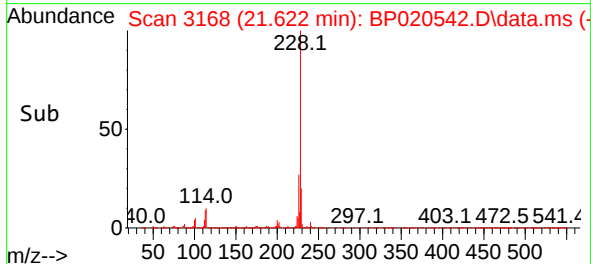
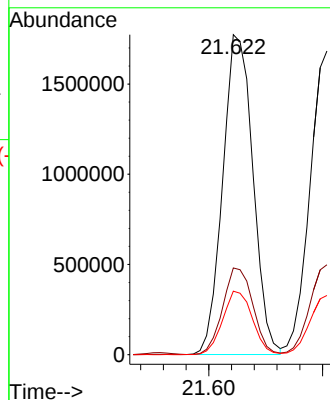
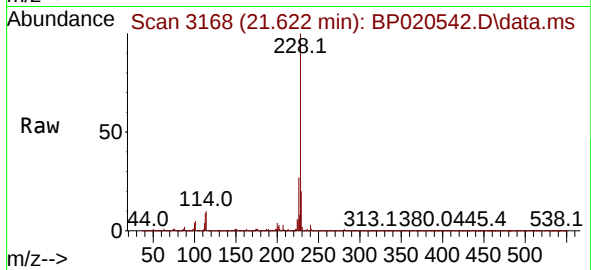
Tgt Ion:228 Resp: 3277658

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.773 ng

RT: 21.557 min Scan# 3157

Delta R.T. -0.017 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

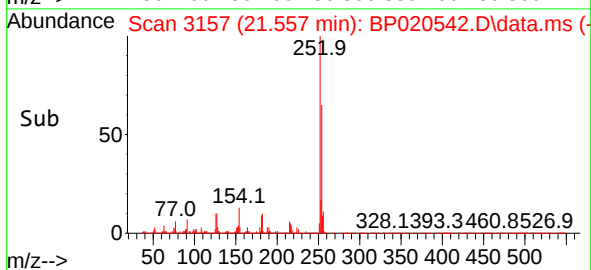
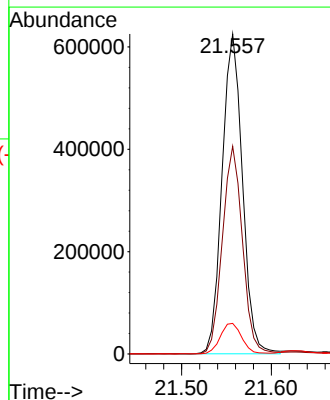
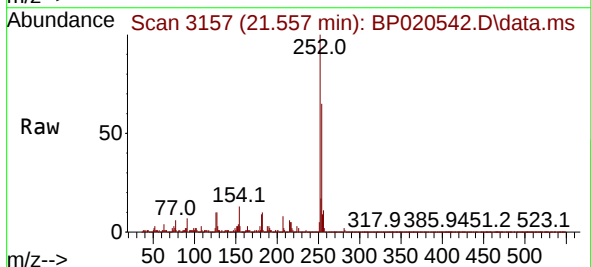
Tgt Ion:252 Resp: 984026

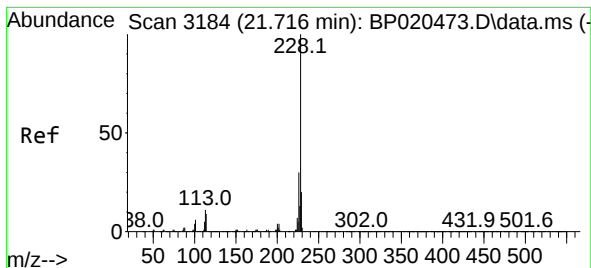
Ion Ratio Lower Upper

252 100

254 64.9 51.7 77.5

126 9.5 8.3 12.5





#83

Chrysene

Concen: 43.046 ng

RT: 21.704 min Scan# 3182

Delta R.T. -0.012 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

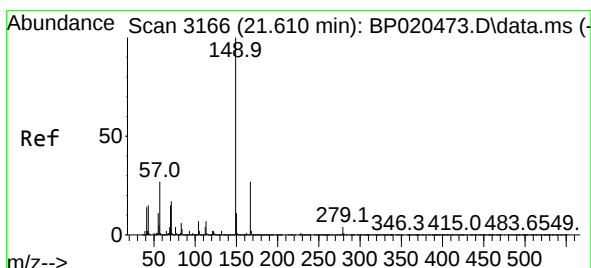
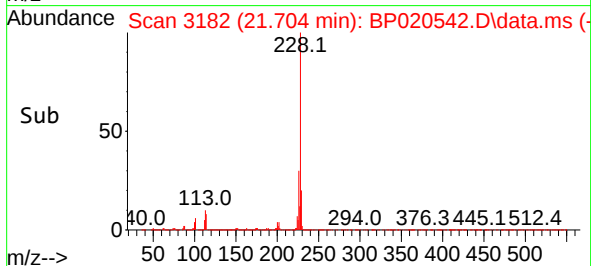
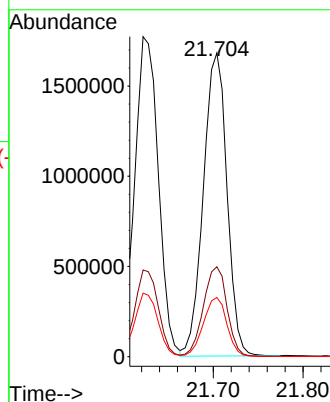
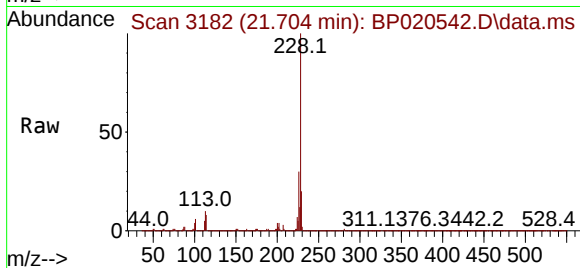
Tgt Ion:228 Resp: 3067366

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.825 ng

RT: 21.586 min Scan# 3162

Delta R.T. -0.023 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

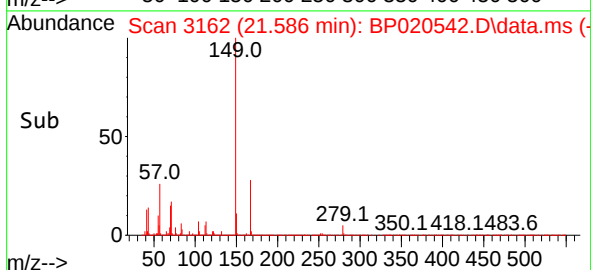
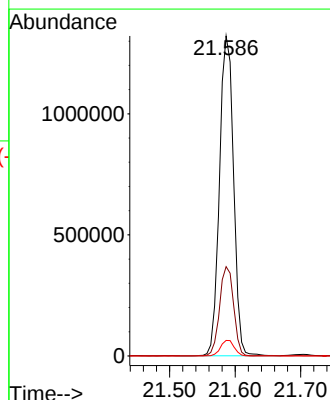
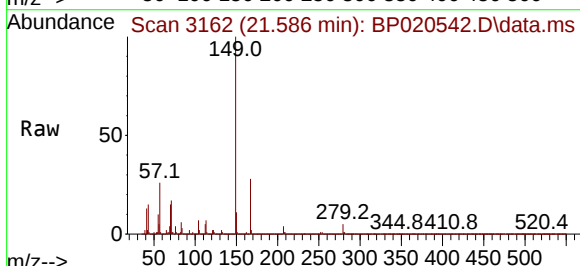
Tgt Ion:149 Resp: 1958038

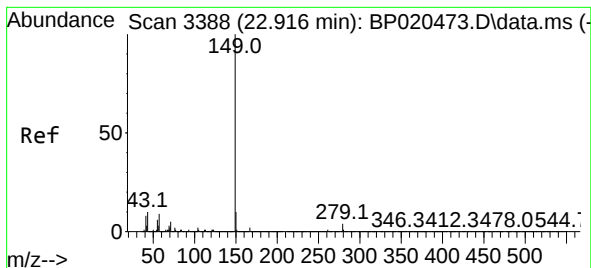
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 49.152 ng

RT: 22.880 min Scan# 31

Delta R.T. -0.036 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

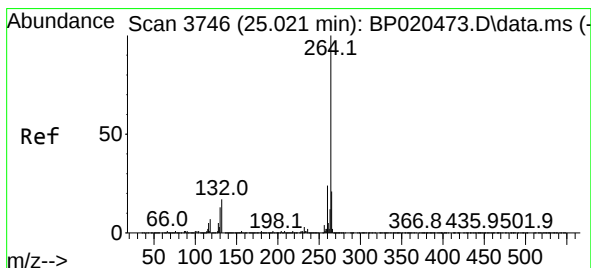
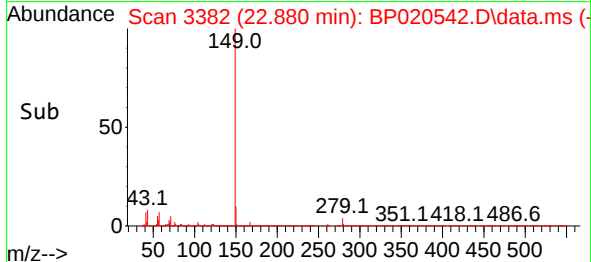
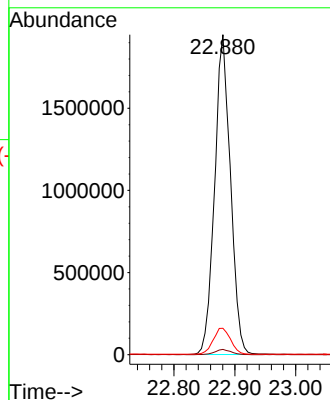
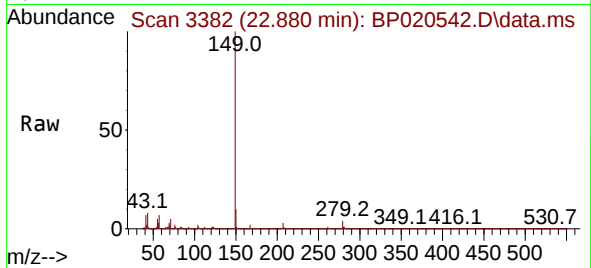
Tgt Ion:149 Resp: 3512458

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3743

Delta R.T. -0.018 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

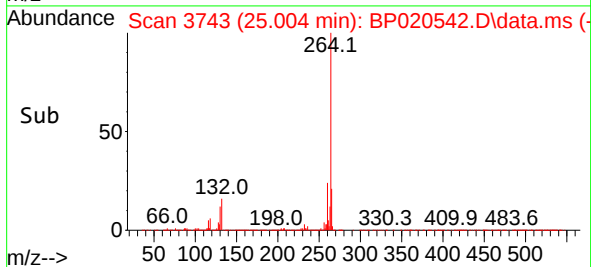
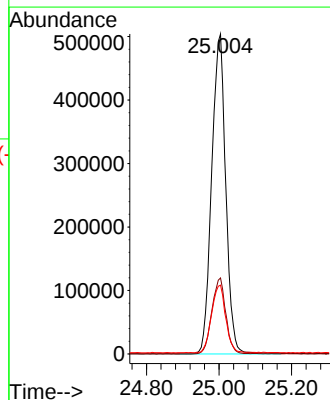
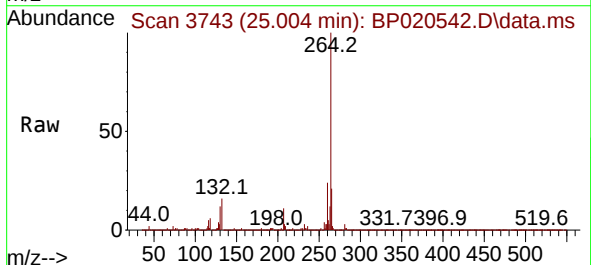
Tgt Ion:264 Resp: 1355563

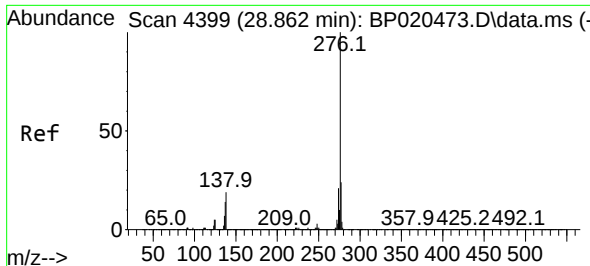
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.5 17.4 26.0

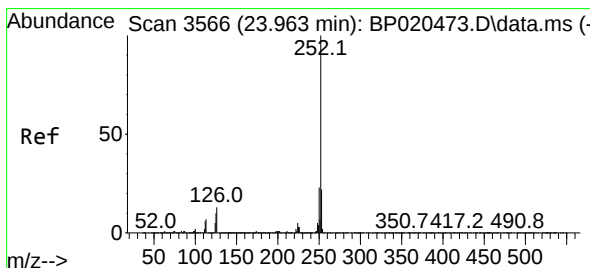
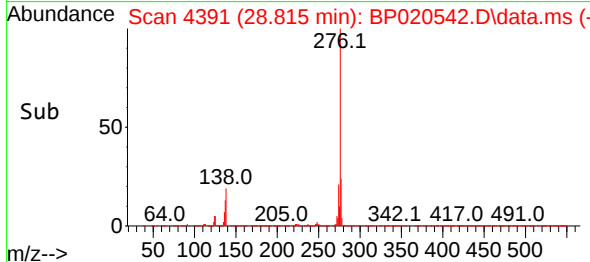
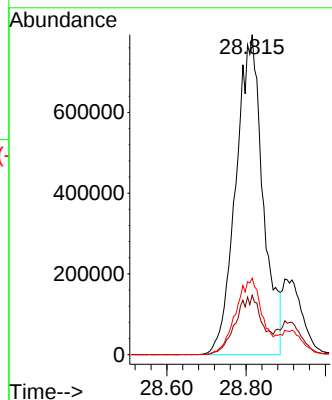
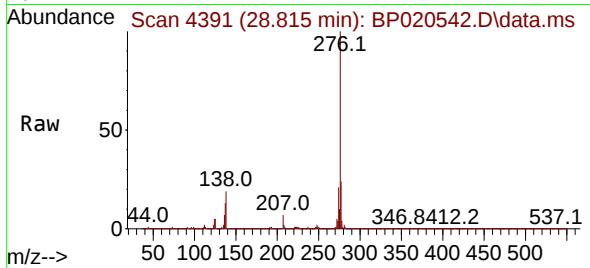




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.750 ng
RT: 28.815 min Scan# 41
Delta R.T. -0.047 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

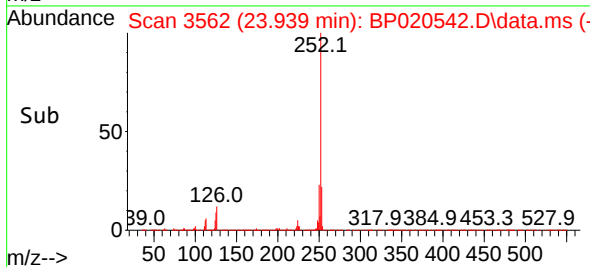
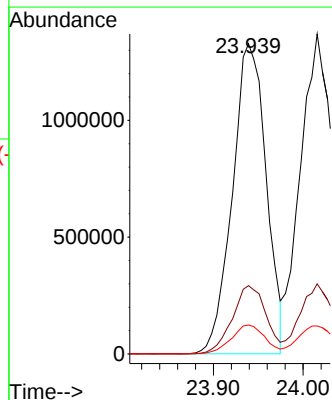
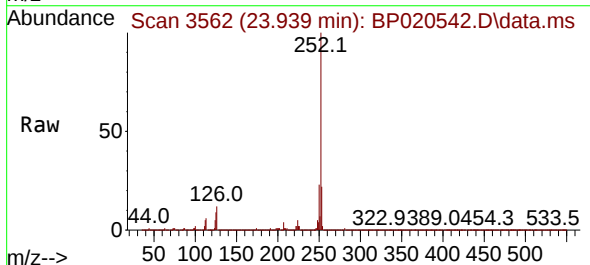
Instrument :
BNA_P
ClientSampleId :
PB161290BS

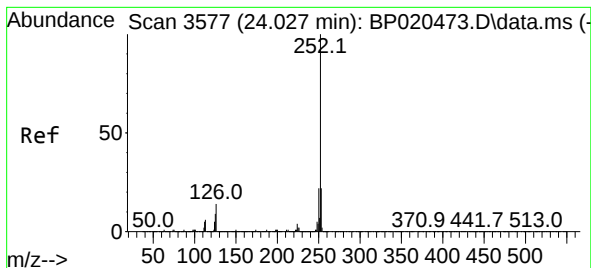
Tgt Ion:276 Resp: 3771230
Ion Ratio Lower Upper
276 100
138 18.4 12.8 19.2
277 23.1 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 41.035 ng
RT: 23.939 min Scan# 3562
Delta R.T. -0.023 min
Lab File: BP020542.D
Acq: 06 Jun 2024 15:10

Tgt Ion:252 Resp: 3465378
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.292 ng

RT: 24.016 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

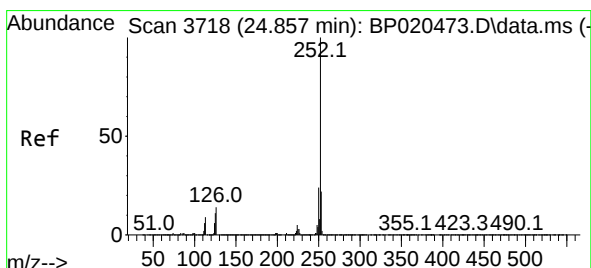
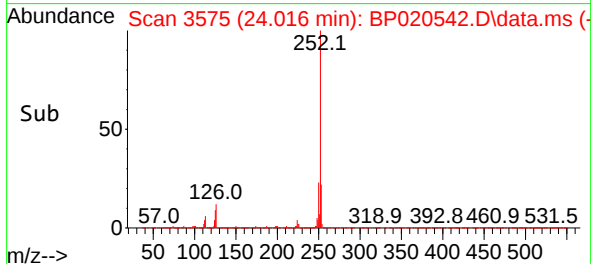
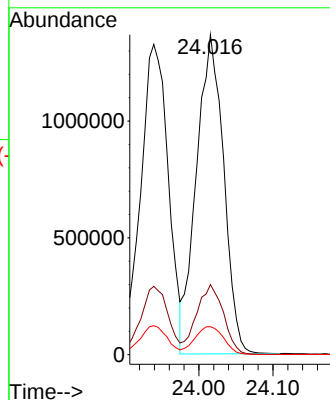
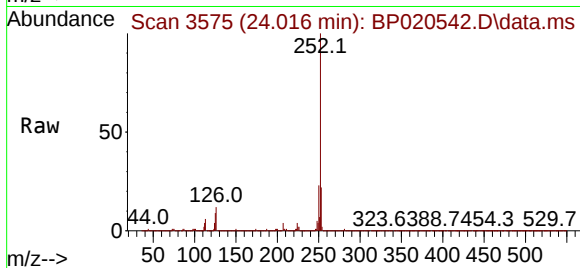
Tgt Ion:252 Resp: 3483420

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.7 7.8 11.6



#90

Benzo(a)pyrene

Concen: 47.734 ng

RT: 24.851 min Scan# 3717

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

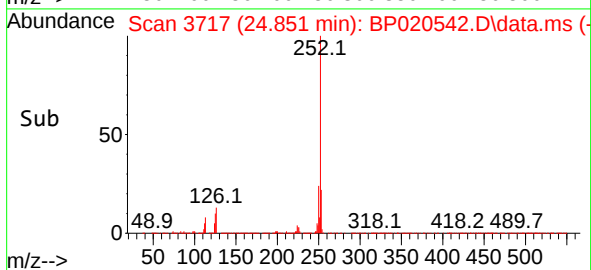
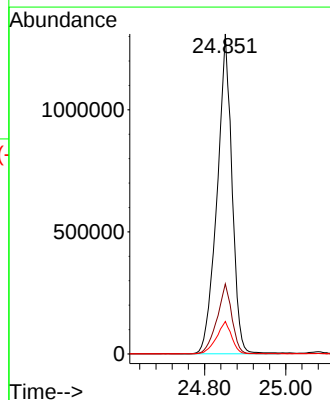
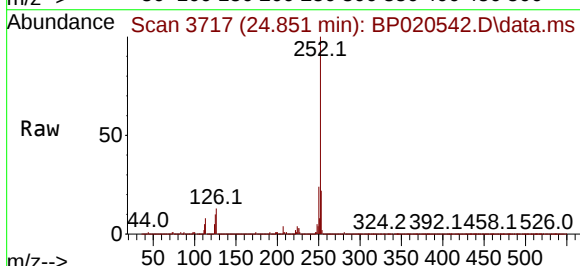
Tgt Ion:252 Resp: 3338481

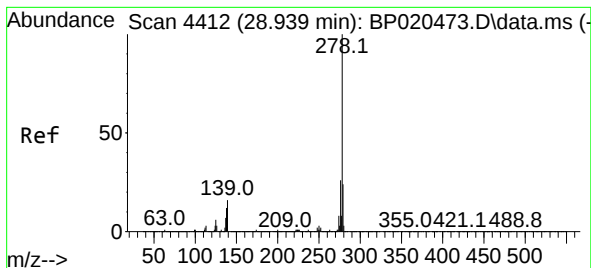
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 52.602 ng

RT: 28.915 min Scan# 4412

Delta R.T. -0.023 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Instrument :

BNA_P

ClientSampleId :

PB161290BS

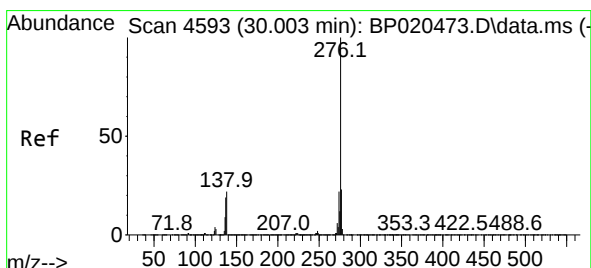
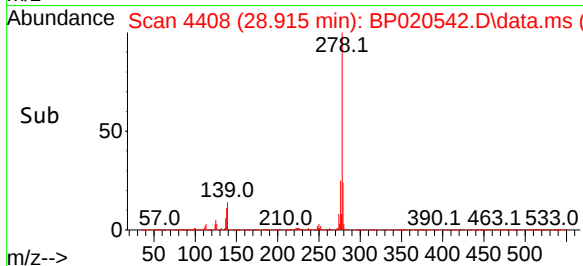
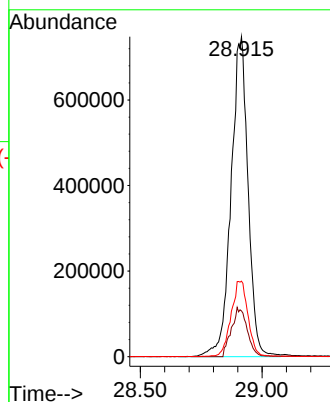
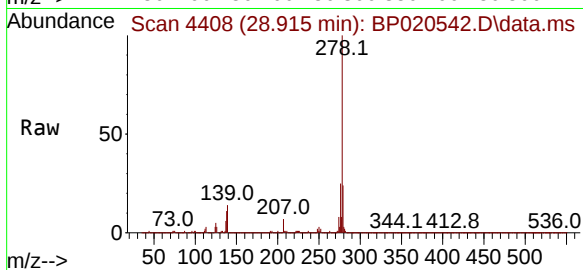
Tgt Ion:278 Resp: 3616645

Ion Ratio Lower Upper

278 100

139 14.3 13.0 19.4

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 50.357 ng

RT: 29.998 min Scan# 4592

Delta R.T. -0.006 min

Lab File: BP020542.D

Acq: 06 Jun 2024 15:10

Tgt Ion:276 Resp: 3460671

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 20.8 17.7 26.5

