

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
 Data File : BP020484.D
 Acq On : 30 May 2024 13:48
 Operator : MA/JU
 Sample : PB160503BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160503BS

Quant Time: May 30 15:14:00 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	7.722	152	322393	20.000	ng	-0.05
21) Naphthalene-d8	10.499	136	1171107	20.000	ng	-0.04
39) Acenaphthene-d10	14.369	164	642856	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1140759	20.000	ng	-0.01
76) Chrysene-d12	21.669	240	1111169	20.000	ng	0.00
86) Perylene-d12	25.027	264	1363474	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2442315	135.637	ng	-0.04
7) Phenol-d6	6.893	99	2909958	114.595	ng	-0.04
23) Nitrobenzene-d5	8.881	82	1800382	84.154	ng	-0.04
42) 2,4,6-Tribromophenol	15.887	330	793795	118.981	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3700989	85.823	ng	-0.03
79) Terphenyl-d14	19.945	244	4701201	70.432	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.311	88	283080	38.908	ng	98
3) Pyridine	3.693	79	716788	35.040	ng	97
4) n-Nitrosodimethylamine	3.605	42	424446	42.719	ng	98
6) Aniline	7.064	93	763382	29.668	ng	98
8) 2-Chlorophenol	7.287	128	856735	42.444	ng	98
9) Benzaldehyde	6.875	77	162213	9.959	ng	99
10) Phenol	6.917	94	1047901	40.287	ng	99
11) bis(2-Chloroethyl)ether	7.158	93	856234	39.916	ng	100
12) 1,3-Dichlorobenzene	7.611	146	991361	41.686	ng	99
13) 1,4-Dichlorobenzene	7.758	146	1009778	41.776	ng	99
14) 1,2-Dichlorobenzene	8.069	146	952120	40.816	ng	99
15) Benzyl Alcohol	7.958	79	724896	38.647	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1260101	39.347	ng	100
17) 2-Methylphenol	8.158	107	678516	38.440	ng	100
18) Hexachloroethane	8.799	117	363317	41.164	ng	95
19) n-Nitroso-di-n-propyla...	8.528	70	608351	35.093	ng	98
20) 3+4-Methylphenols	8.481	107	898428	37.422	ng	99
22) Acetophenone	8.540	105	1246145	42.868	ng	100
24) Nitrobenzene	8.916	77	895176	41.229	ng	100
25) Isophorone	9.434	82	1603660	38.580	ng	99
26) 2-Nitrophenol	9.622	139	340282	40.280	ng	98
27) 2,4-Dimethylphenol	9.675	122	568428	45.265	ng	98
28) bis(2-Chloroethoxy)met...	9.922	93	1033345	40.446	ng	100
29) 2,4-Dichlorophenol	10.140	162	704915	41.841	ng	97
30) 1,2,4-Trichlorobenzene	10.363	180	840002	41.999	ng	98
31) Naphthalene	10.546	128	2463177	41.143	ng	100
32) Benzoic acid	9.781	122	363367	32.960	ng	97
33) 4-Chloroaniline	10.658	127	439663	18.984	ng	99
34) Hexachlorobutadiene	10.834	225	526489	41.788	ng	99
35) Caprolactam	11.428	113	206278	33.411	ng	99
36) 4-Chloro-3-methylphenol	11.775	107	721102	36.557	ng	99
37) 2-Methylnaphthalene	12.169	142	1625461	37.890	ng	99
38) 1-Methylnaphthalene	12.375	142	1499768	35.267	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	869626	46.754	ng	99
41) Hexachlorocyclopentadiene	12.516	237	881068	134.784	ng	100
43) 2,4,6-Trichlorophenol	12.769	196	512129	45.550	ng	97

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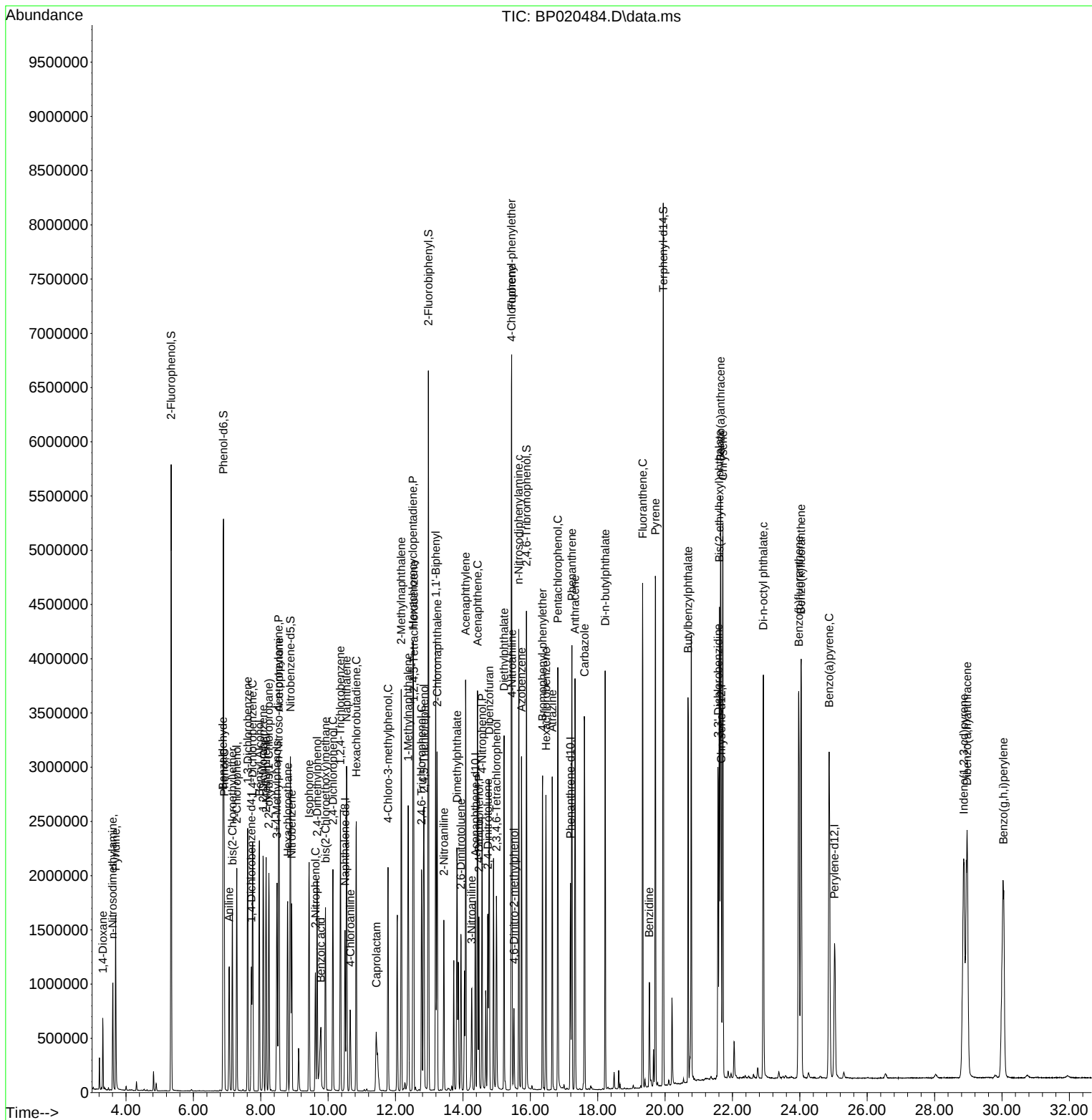
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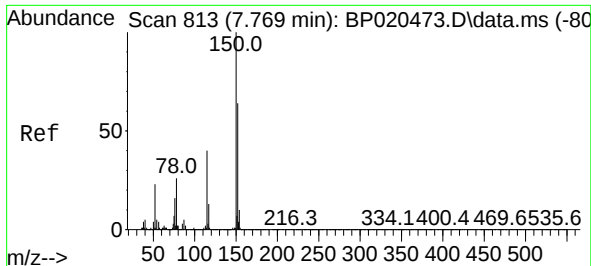
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	551440	42.514	ng	99
46) 1,1'-Biphenyl	13.193	154	1996688	44.010	ng	99
47) 2-Chloronaphthalene	13.234	162	1558536	43.213	ng	100
48) 2-Nitroaniline	13.434	65	413498	42.310	ng	99
49) Acenaphthylene	14.081	152	2433440	45.470	ng	100
50) Dimethylphthalate	13.822	163	1768613	39.030	ng	99
51) 2,6-Dinitrotoluene	13.940	165	369488	38.148	ng	99
52) Acenaphthene	14.434	154	1358326	40.237	ng	100
53) 3-Nitroaniline	14.263	138	266490	27.429	ng	100
54) 2,4-Dinitrophenol	14.475	184	268452	65.952	ng	96
55) Dibenzofuran	14.781	168	2203989	41.214	ng	98
56) 4-Nitrophenol	14.569	139	626164	83.317	ng	94
57) 2,4-Dinitrotoluene	14.740	165	489678	38.470	ng	98
58) Fluorene	15.445	166	1684233	39.232	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.993	232	437003	41.169	ng	99
60) Diethylphthalate	15.222	149	1706122	37.038	ng	100
61) 4-Chlorophenyl-phenyle...	15.440	204	853180	38.513	ng	96
62) 4-Nitroaniline	15.457	138	360676	36.039	ng	96
63) Azobenzene	15.740	77	1667902	38.777	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	186297	38.616	ng	98
66) n-Nitrosodiphenylamine	15.657	169	1438722	45.873	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	506559	43.405	ng	99
68) Hexachlorobenzene	16.463	284	587400	42.766	ng	97
69) Atrazine	16.651	200	475977	43.137	ng	100
70) Pentachlorophenol	16.816	266	686894	82.341	ng	99
71) Phenanthrene	17.234	178	2478764	44.203	ng	98
72) Anthracene	17.328	178	2499191	45.419	ng	100
73) Carbazole	17.610	167	2272610	42.698	ng	99
74) Di-n-butylphthalate	18.222	149	2680303	41.584	ng	100
75) Fluoranthene	19.334	202	2825611	42.592	ng	99
77) Benzidine	19.534	184	638193	20.116	ng	100
78) Pyrene	19.716	202	2997518	35.864	ng	99
80) Butylbenzylphthalate	20.680	149	1188077	35.940	ng	96
81) Benzo(a)anthracene	21.645	228	3152514	43.088	ng	99
82) 3,3'-Dichlorobenzidine	21.575	252	973262	44.749	ng	99
83) Chrysene	21.716	228	3026955	43.906	ng	100
84) Bis(2-ethylhexyl)phtha...	21.610	149	1882910	39.584	ng	99
85) Di-n-octyl phthalate	22.916	149	3337233	48.270	ng	99
87) Indeno(1,2,3-cd)pyrene	28.862	276	3848475	46.416	ng	# 91
88) Benzo(b)fluoranthene	23.969	252	3540731	41.684	ng	100
89) Benzo(k)fluoranthene	24.039	252	3546385	42.807	ng	100
90) Benzo(a)pyrene	24.869	252	3399475	48.324	ng	100
91) Dibenzo(a,h)anthracene	28.962	278	3807235	55.053	ng	99
92) Benzo(g,h,i)perylene	30.039	276	3645404	52.737	ng	96

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

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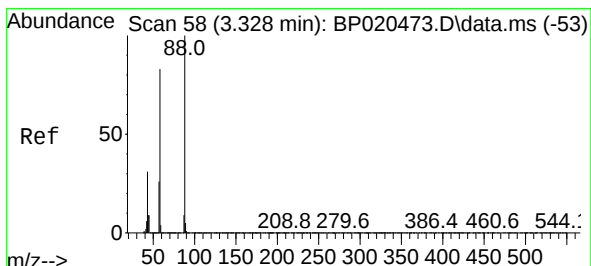
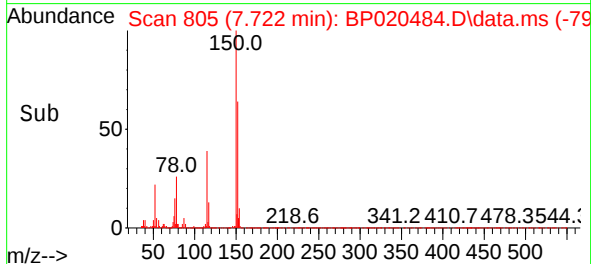
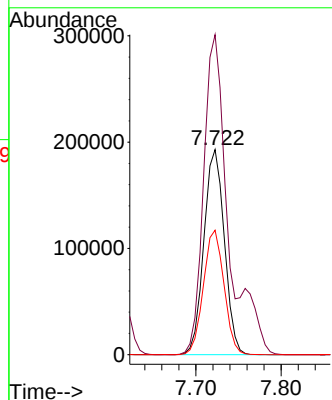
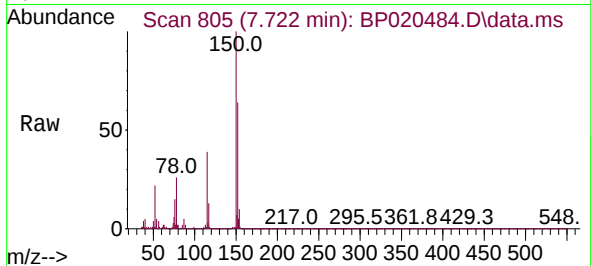




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 80
 Delta R.T. -0.047 min
 Lab File: BP020484.D
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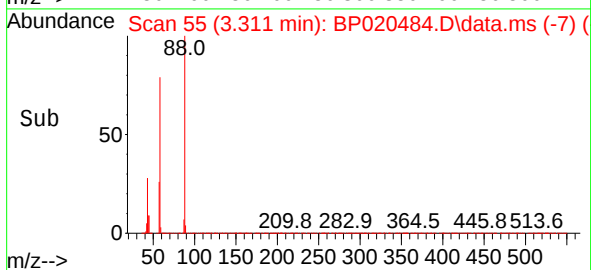
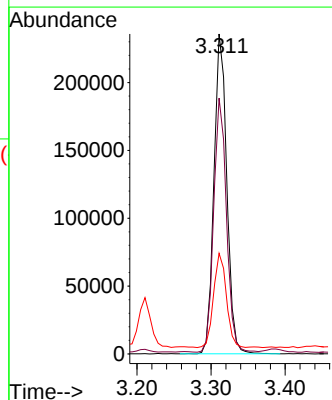
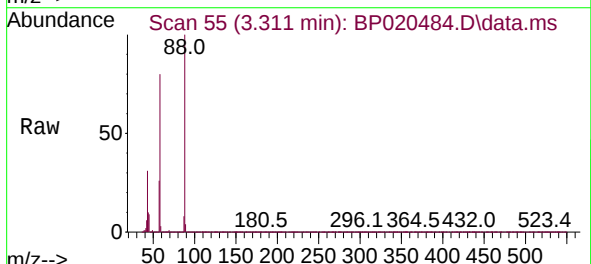
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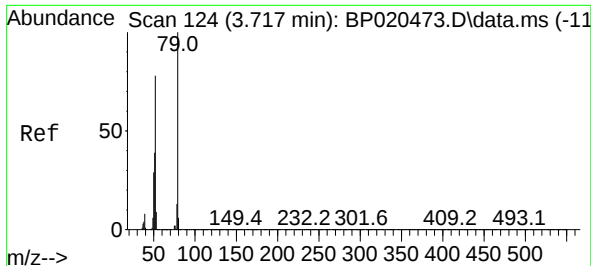
Tgt Ion:152 Resp: 322393
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.2 186.2
 115 60.7 49.5 74.3



#2
 1,4-Dioxane
 Concen: 38.908 ng
 RT: 3.311 min Scan# 55
 Delta R.T. -0.018 min
 Lab File: BP020484.D
 Acq: 30 May 2024 13:48

Tgt Ion: 88 Resp: 283080
 Ion Ratio Lower Upper
 88 100
 58 79.3 64.6 97.0
 43 29.3 24.5 36.7

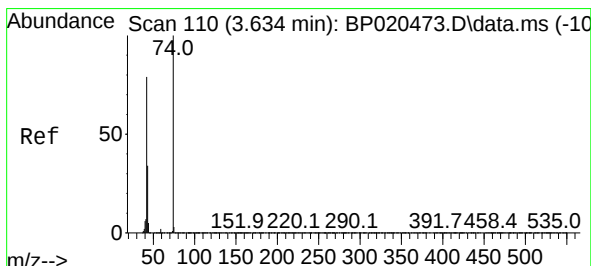
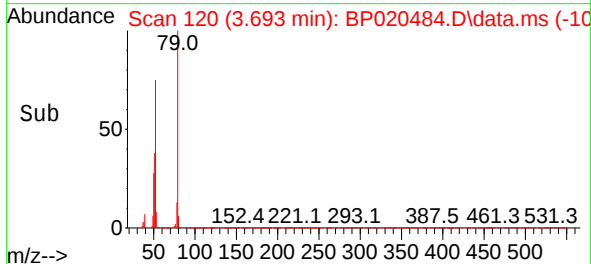
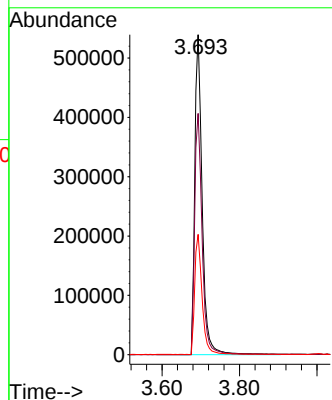
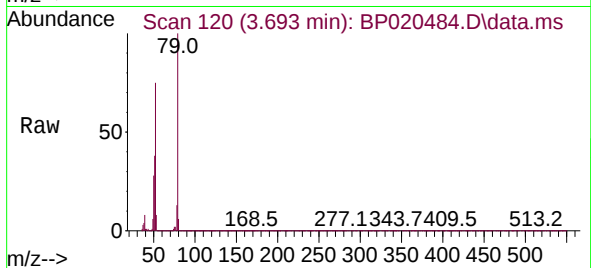




#3
Pyridine
Concen: 35.040 ng
RT: 3.693 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

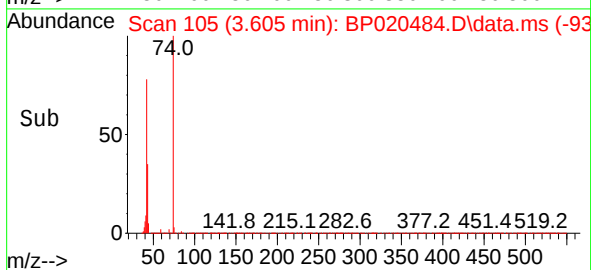
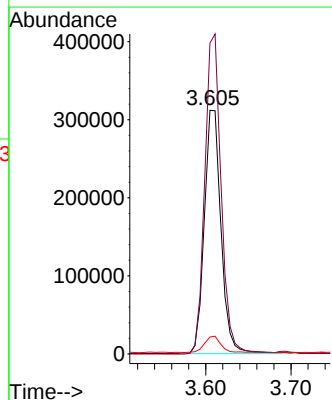
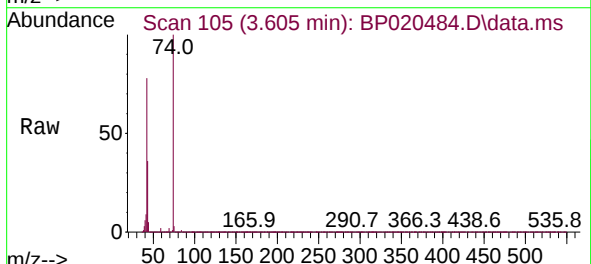
Instrument :
BNA_P
ClientSampleId :
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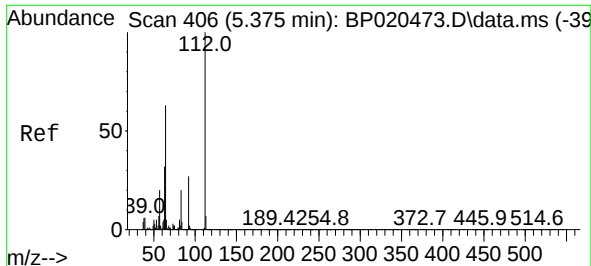
Tgt Ion: 79 Resp: 716788
Ion Ratio Lower Upper
79 100
52 75.4 62.6 94.0
51 37.6 31.0 46.4



#4
n-Nitrosodimethylamine
Concen: 42.719 ng
RT: 3.605 min Scan# 105
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 42 Resp: 424446
Ion Ratio Lower Upper
42 100
74 127.6 100.6 151.0
44 6.9 5.8 8.8

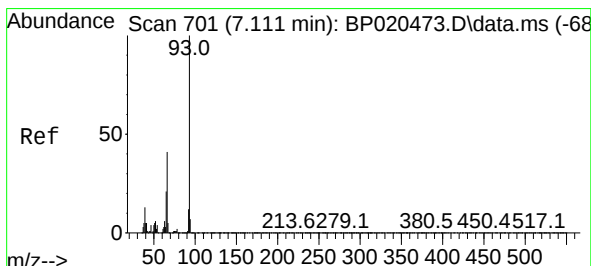
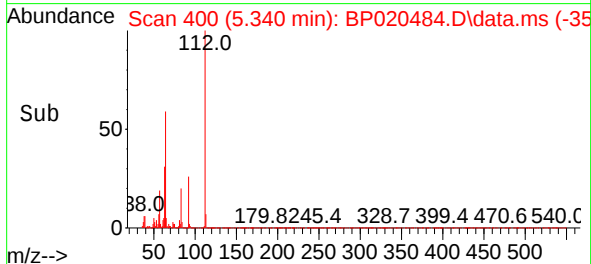
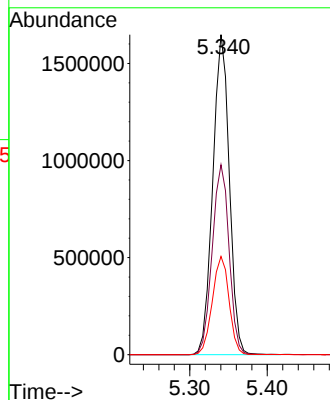
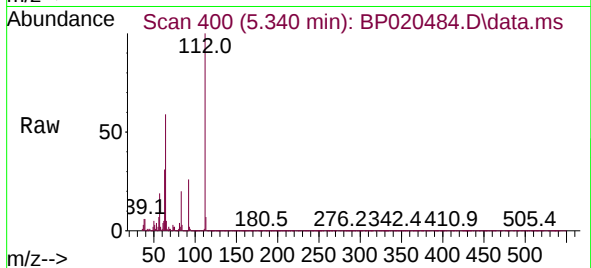




#5
2-Fluorophenol
Concen: 135.637 ng
RT: 5.340 min Scan# 406
Delta R.T. -0.035 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

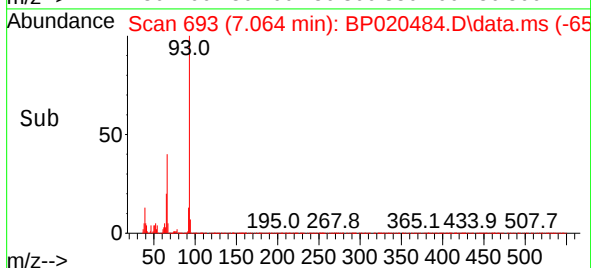
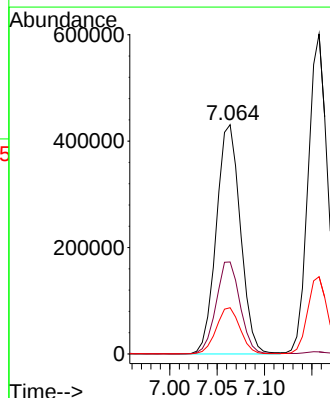
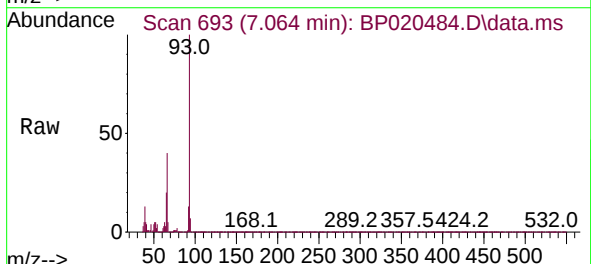
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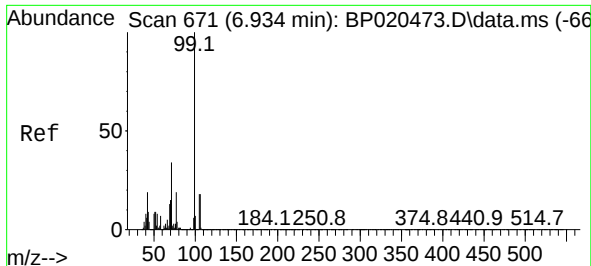
Tgt Ion:112 Resp: 2442315
Ion Ratio Lower Upper
112 100
64 59.3 50.1 75.1
63 30.7 25.7 38.5



#6
Aniline
Concen: 29.668 ng
RT: 7.064 min Scan# 693
Delta R.T. -0.047 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 93 Resp: 763382
Ion Ratio Lower Upper
93 100
66 40.2 32.8 49.2
65 20.2 16.9 25.3

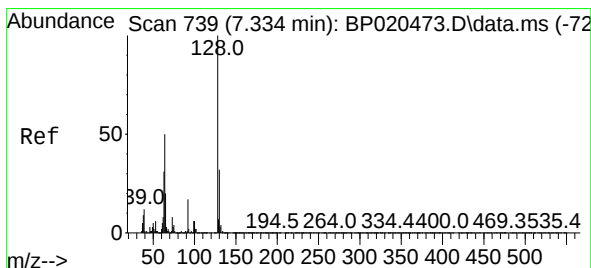
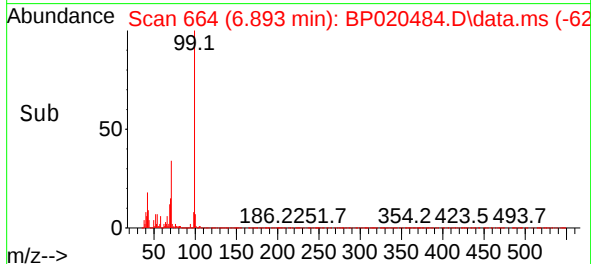
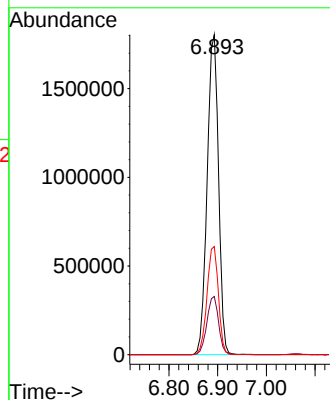
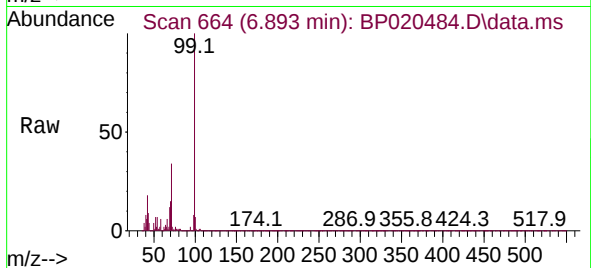




#7
Phenol-d6
Concen: 114.595 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

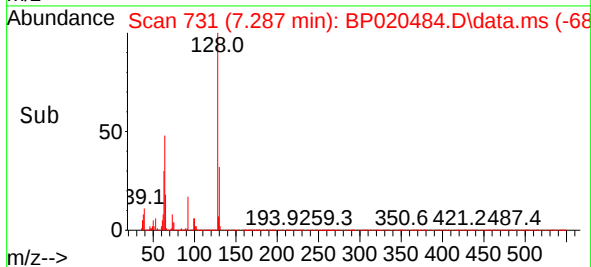
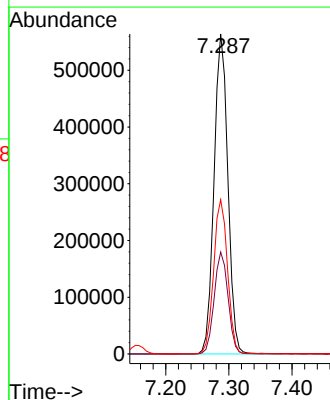
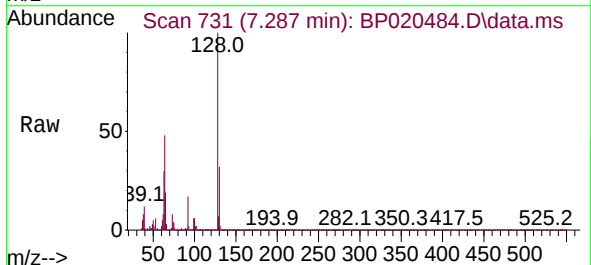
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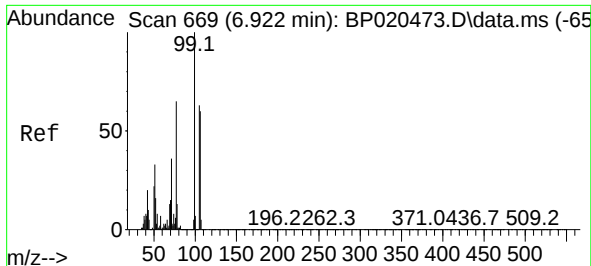
Tgt Ion: 99 Resp: 2909958
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 33.8 27.3 40.9



#8
2-Chlorophenol
Concen: 42.444 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.047 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 128 Resp: 856735
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 48.2 29.6 69.6

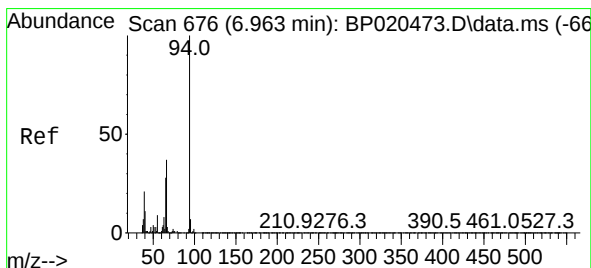
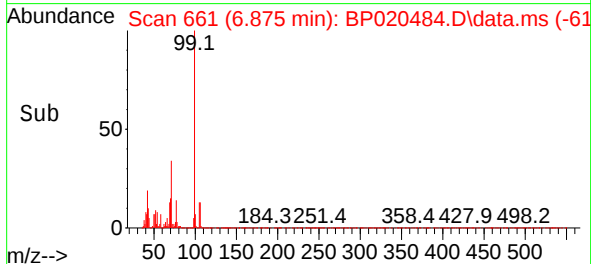
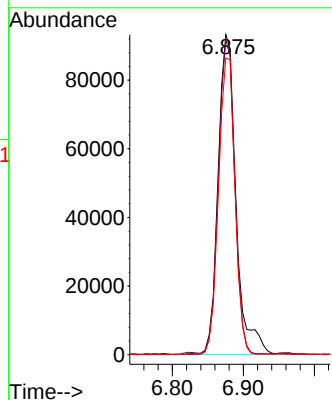
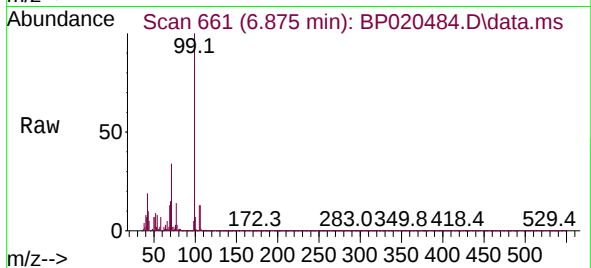




#9
Benzaldehyde
Concen: 9.959 ng
RT: 6.875 min Scan# 661
Delta R.T. -0.047 min
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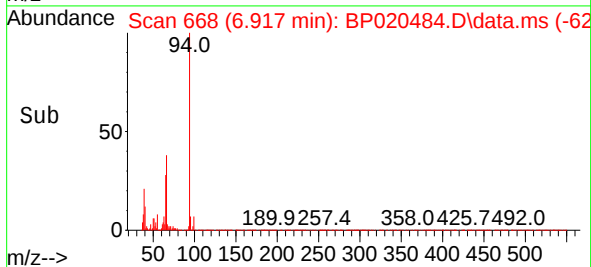
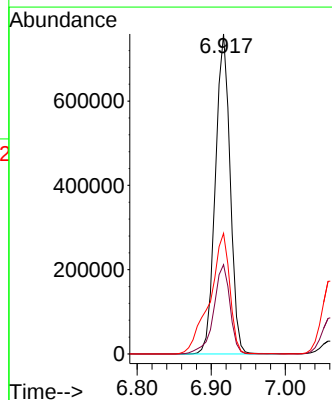
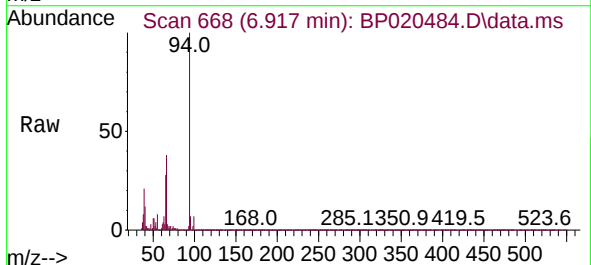
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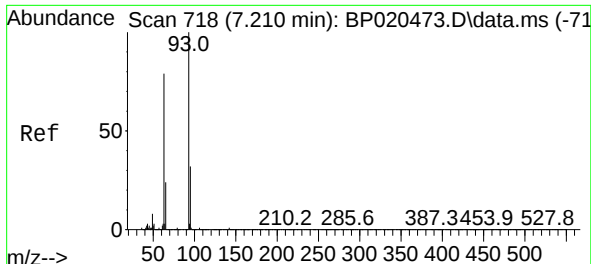
Tgt Ion: 77 Resp: 162213
Ion Ratio Lower Upper
77 100
105 98.5 76.8 116.8
106 92.7 72.0 112.0



#10
Phenol
Concen: 40.287 ng
RT: 6.917 min Scan# 668
Delta R.T. -0.047 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 94 Resp: 1047901
Ion Ratio Lower Upper
94 100
65 27.9 8.2 48.2
66 37.7 17.2 57.2





#11

bis(2-Chloroethyl)ether

Concen: 39.916 ng

RT: 7.158 min Scan# 709

Delta R.T. -0.053 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

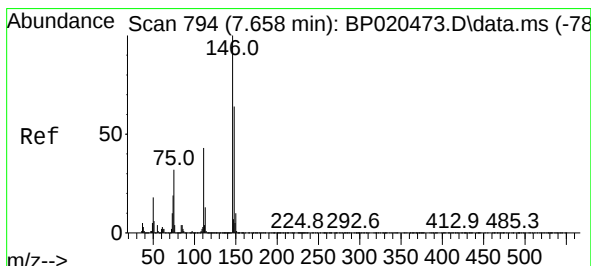
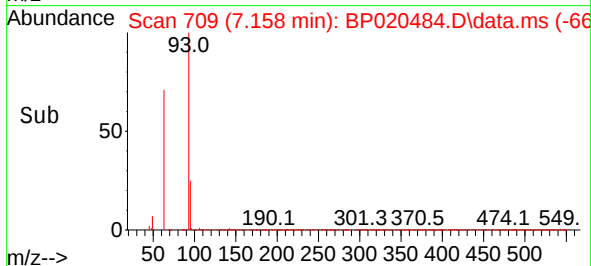
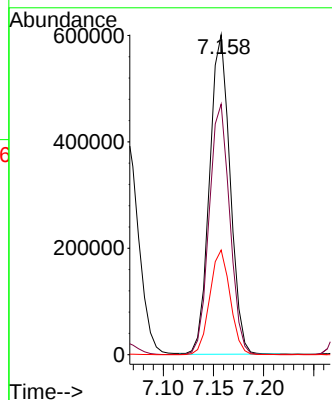
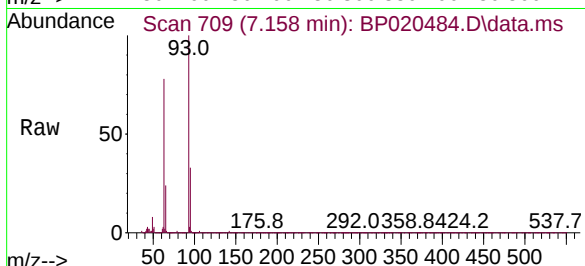
Tgt Ion: 93 Resp: 856234

Ion Ratio Lower Upper

93 100

63 78.3 58.3 98.3

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.686 ng

RT: 7.611 min Scan# 786

Delta R.T. -0.047 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

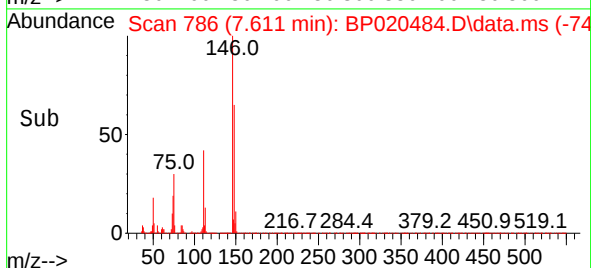
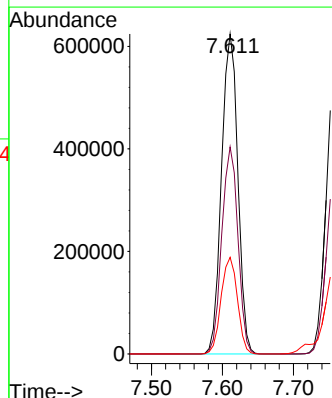
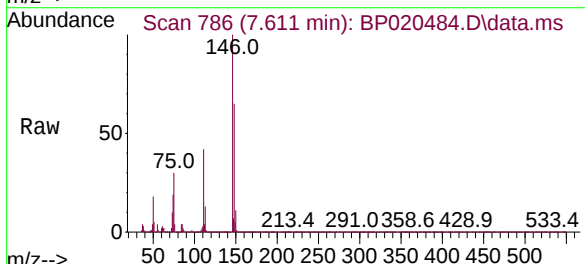
Tgt Ion: 146 Resp: 991361

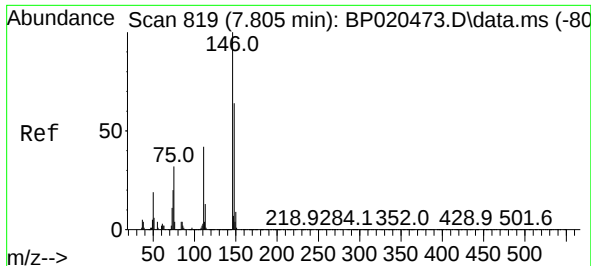
Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

75 30.2 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 41.776 ng

RT: 7.758 min Scan# 81

Delta R.T. -0.047 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

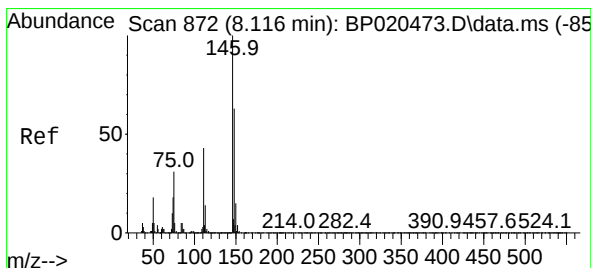
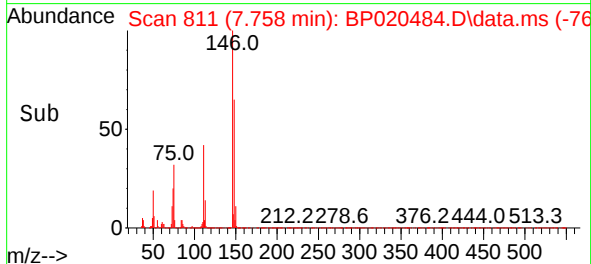
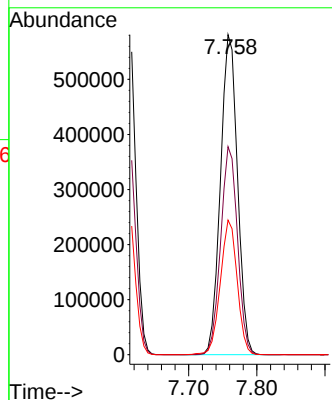
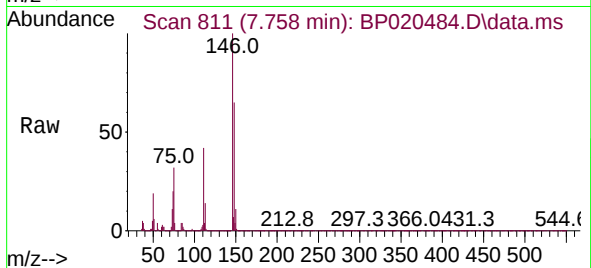
Tgt Ion:146 Resp: 1009778

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 42.0 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 40.816 ng

RT: 8.069 min Scan# 864

Delta R.T. -0.047 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

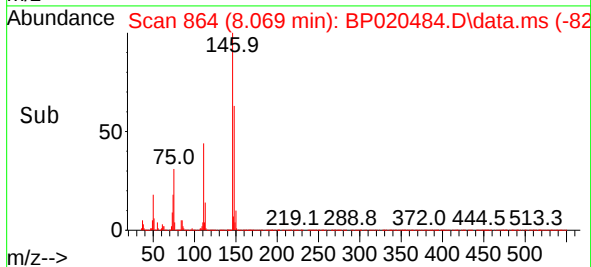
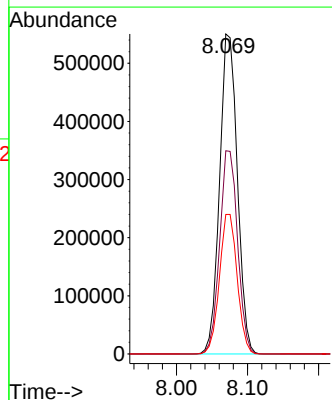
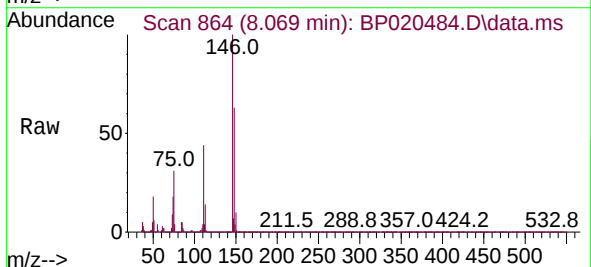
Tgt Ion:146 Resp: 952120

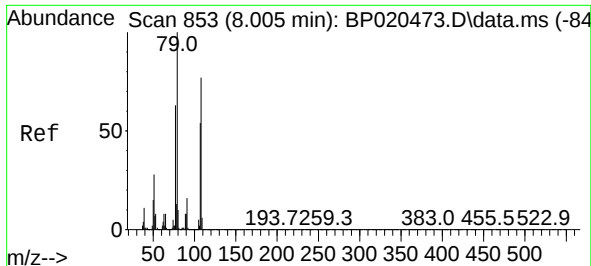
Ion Ratio Lower Upper

146 100

148 63.5 50.1 75.1

111 43.6 34.4 51.6

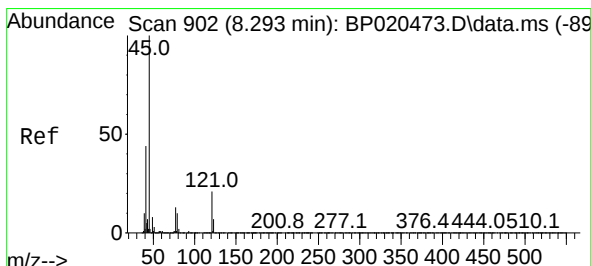
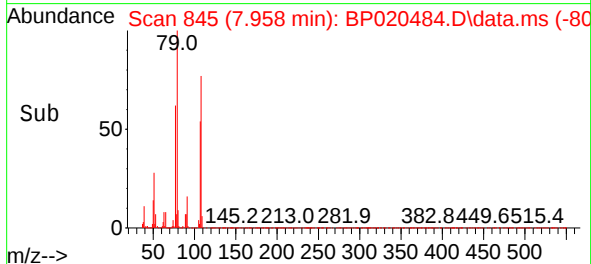
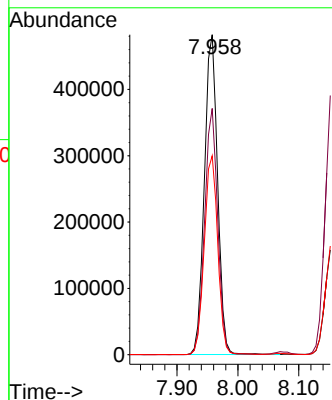
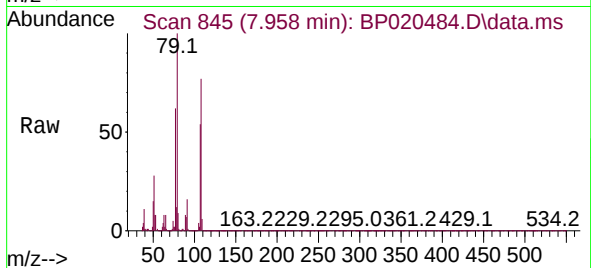




#15
Benzyl Alcohol
Concen: 38.647 ng
RT: 7.958 min Scan# 84
Delta R.T. -0.047 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

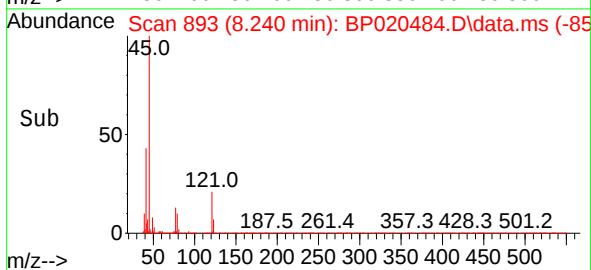
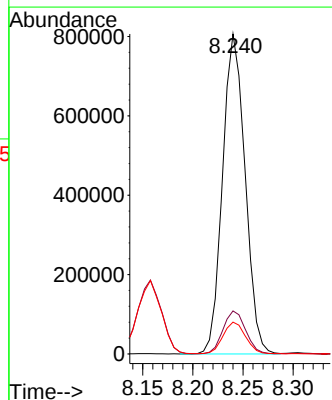
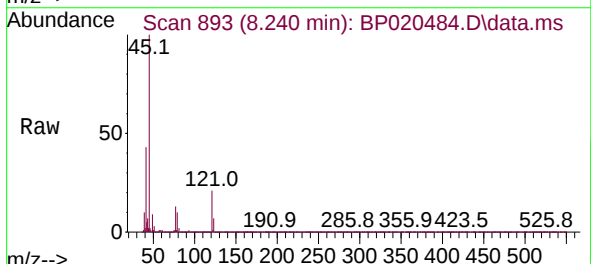
Instrument :
BNA_P
ClientSampleId :
PB160503BS

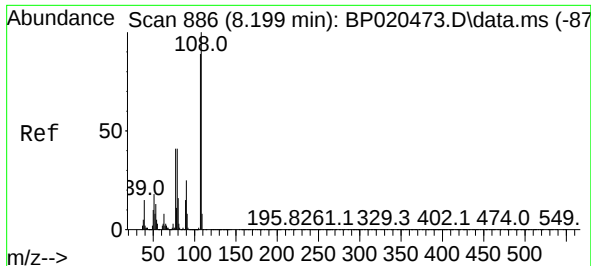
Tgt Ion: 79 Resp: 724896
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.2
77 62.1 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.347 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.053 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 45 Resp: 1260101
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.6
79 10.0 0.0 29.9

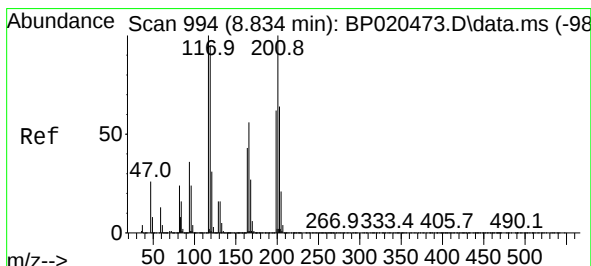
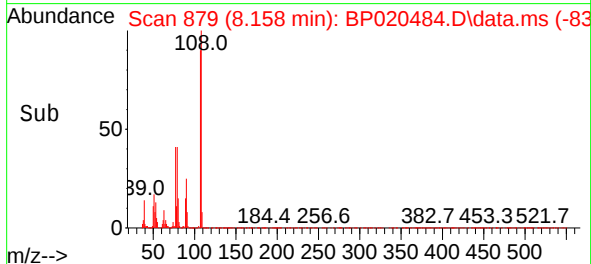
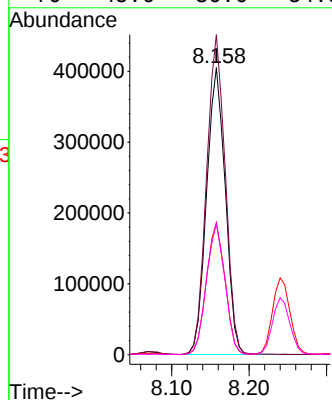
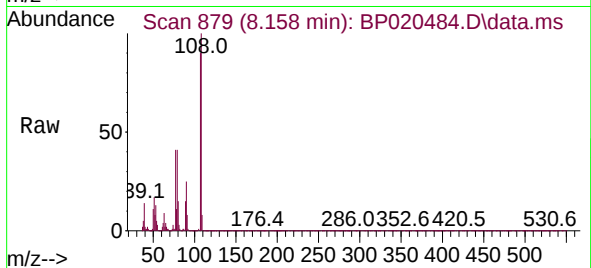




#17
2-Methylphenol
Concen: 38.440 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

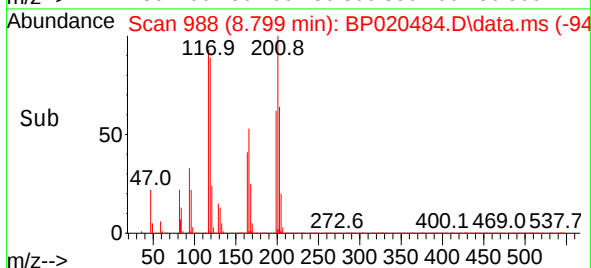
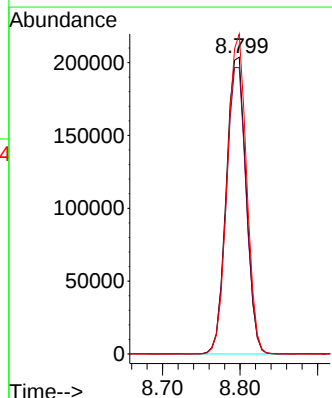
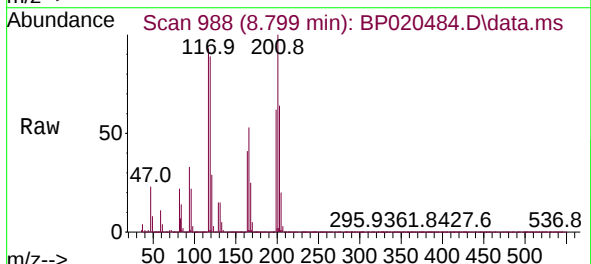
Instrument :
BNA_P
ClientSampleId :
PB160503BS

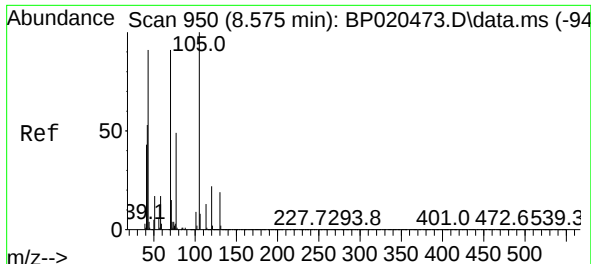
Tgt Ion:107 Resp: 678516
Ion Ratio Lower Upper
107 100
108 111.5 89.4 134.2
77 46.0 36.6 55.0
79 45.6 36.6 54.8



#18
Hexachloroethane
Concen: 41.164 ng
RT: 8.799 min Scan# 988
Delta R.T. -0.035 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:117 Resp: 363317
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5
201 107.8 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 35.093 ng

RT: 8.528 min Scan# 942

Delta R.T. -0.047 min

Lab File: BP020484.D

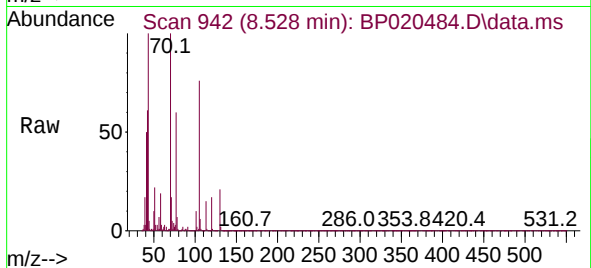
Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS



Tgt Ion: 70 Resp: 608351

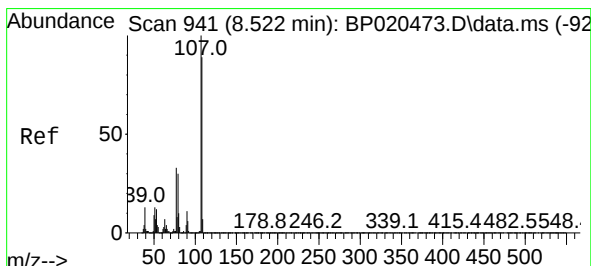
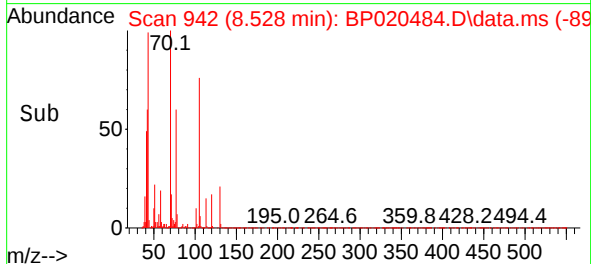
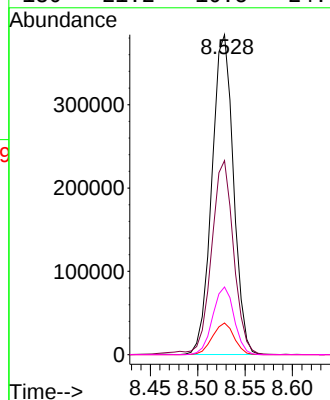
Ion Ratio Lower Upper

70 100

42 60.6 47.4 71.0

101 9.9 7.8 11.8

130 21.2 16.5 24.7



#20

3+4-Methylphenols

Concen: 37.422 ng

RT: 8.481 min Scan# 934

Delta R.T. -0.041 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Tgt Ion: 107 Resp: 898428

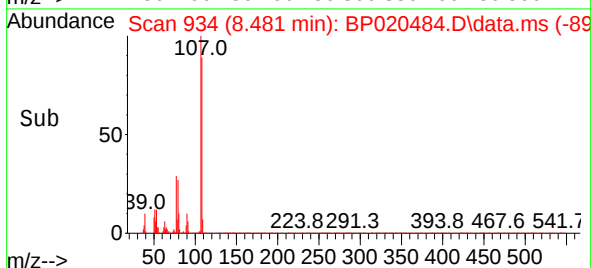
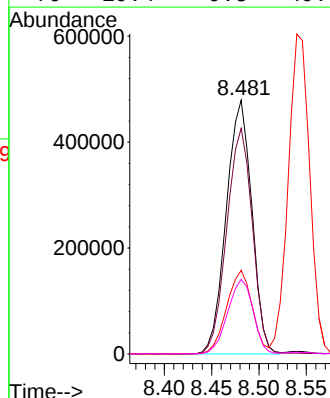
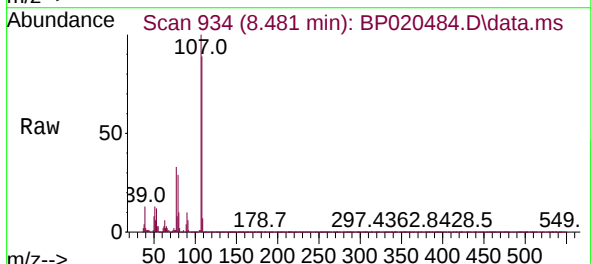
Ion Ratio Lower Upper

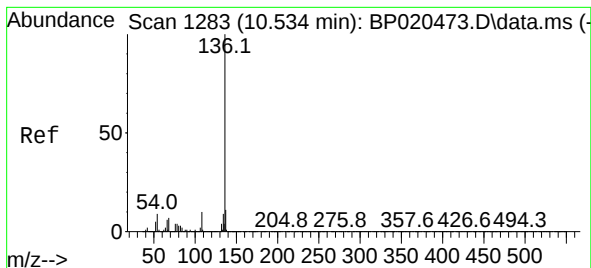
107 100

108 88.9 69.2 109.2

77 33.0 13.5 53.5

79 29.4 9.8 49.8

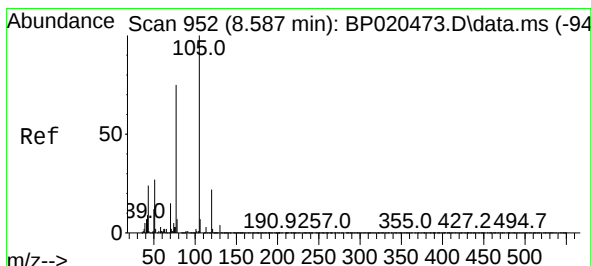
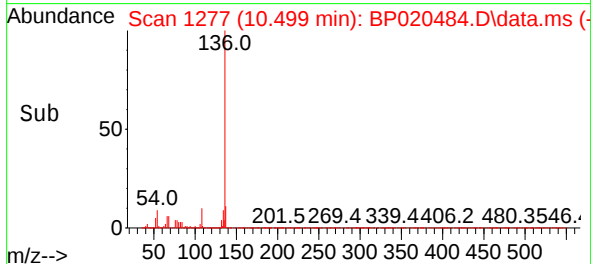
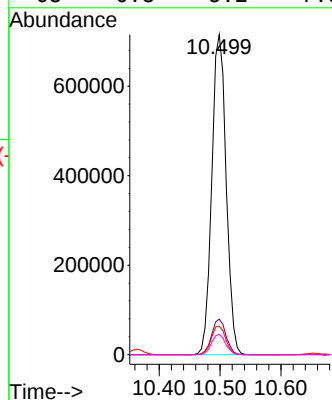
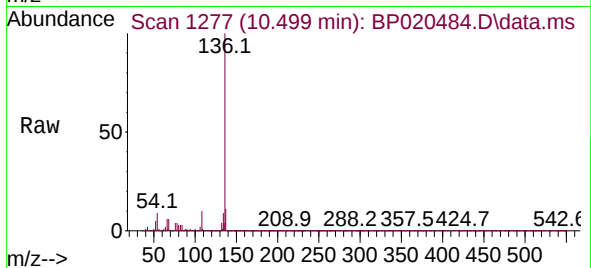




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

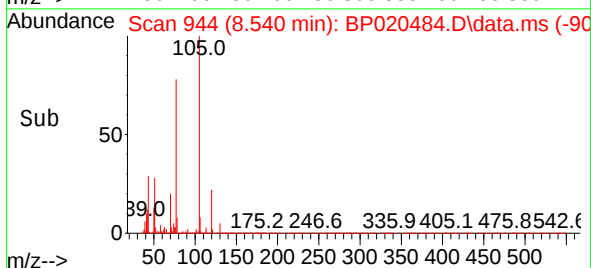
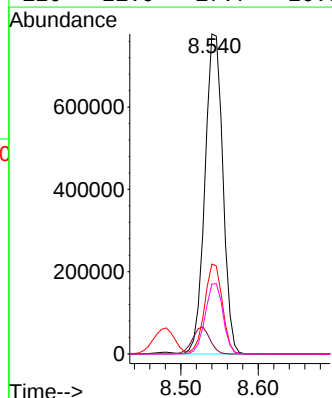
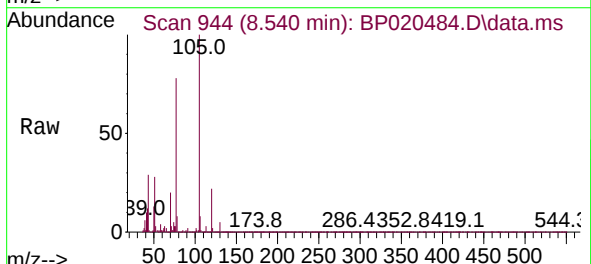
Instrument :
BNA_P
ClientSampleId :
PB160503BS

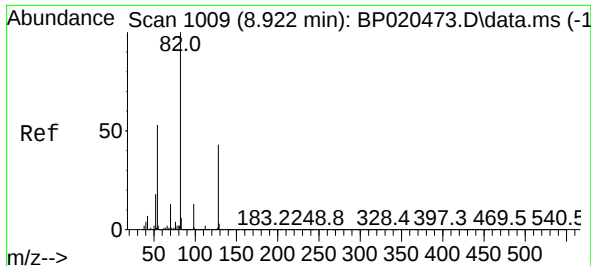
Tgt Ion:136 Resp: 1171107
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.9 7.4 11.0
68 6.3 5.2 7.8



#22
Acetophenone
Concen: 42.868 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.047 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:105 Resp: 1246145
Ion Ratio Lower Upper
105 100
71 3.4 2.3 3.5
51 28.1 22.6 33.8
120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 84.154 ng

RT: 8.881 min Scan# 1002

Delta R.T. -0.041 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

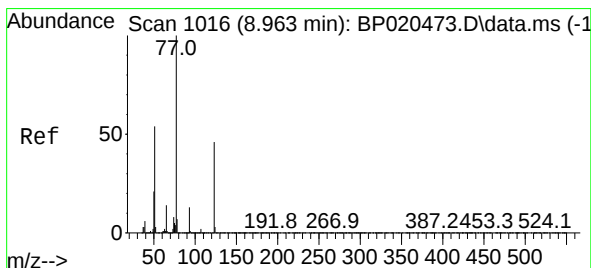
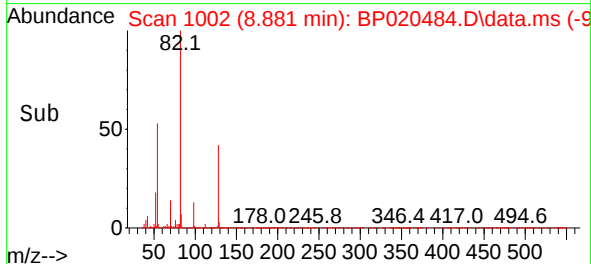
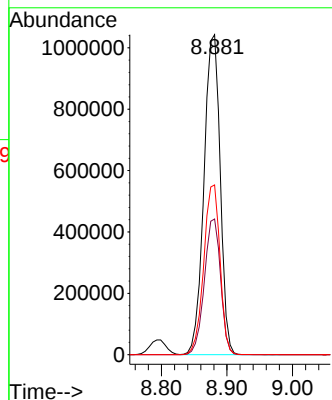
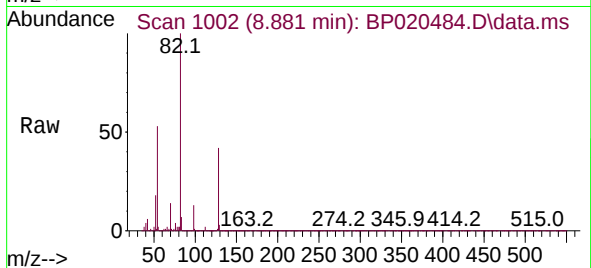
Tgt Ion: 82 Resp: 1800382

Ion Ratio Lower Upper

82 100

128 42.4 34.2 51.4

54 53.1 42.7 64.1



#24

Nitrobenzene

Concen: 41.229 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.047 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

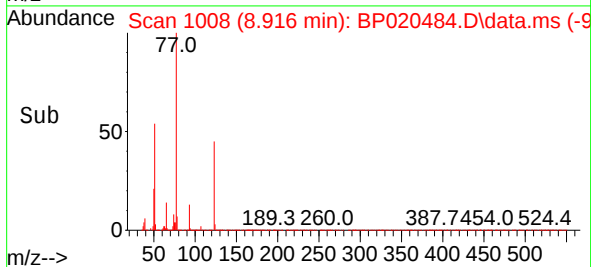
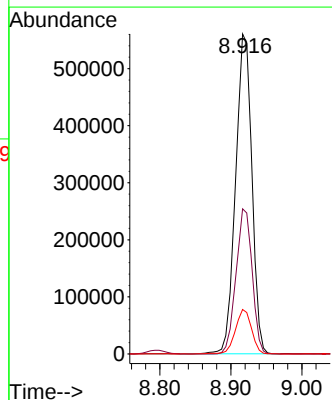
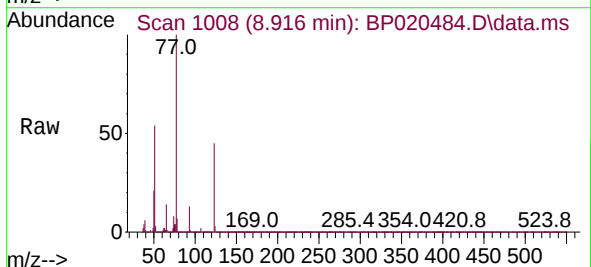
Tgt Ion: 77 Resp: 895176

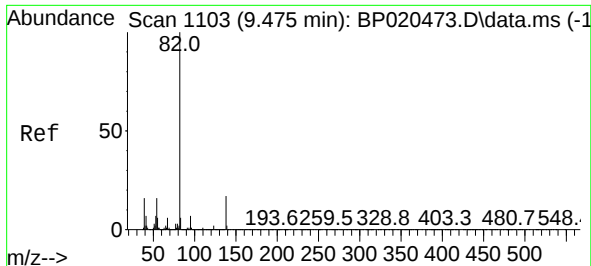
Ion Ratio Lower Upper

77 100

123 45.3 36.6 54.8

65 13.9 11.1 16.7

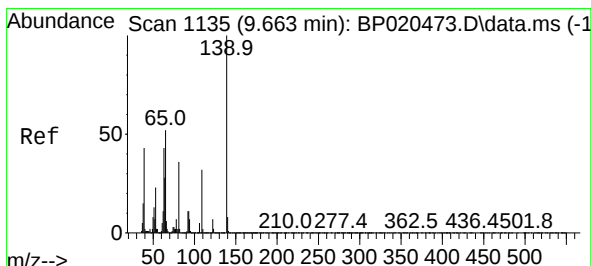
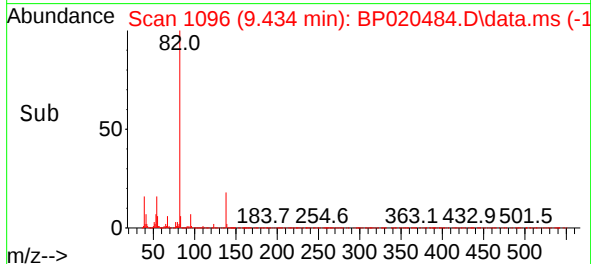
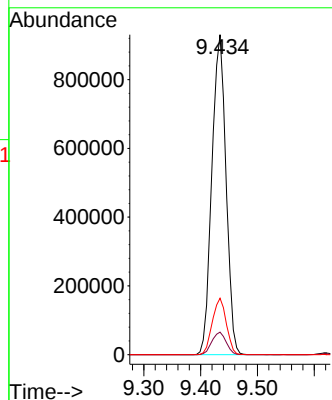
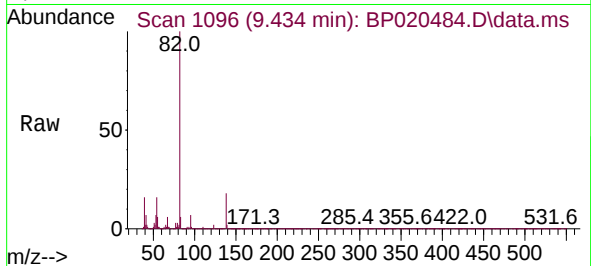




#25
Isophorone
Concen: 38.580 ng
RT: 9.434 min Scan# 1096
Delta R.T. -0.041 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

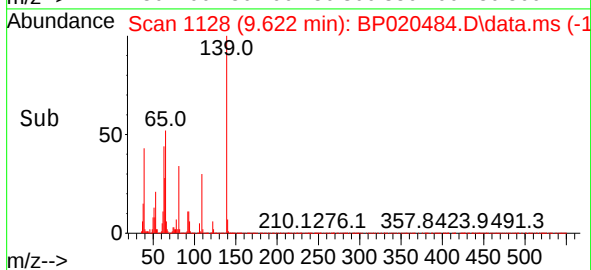
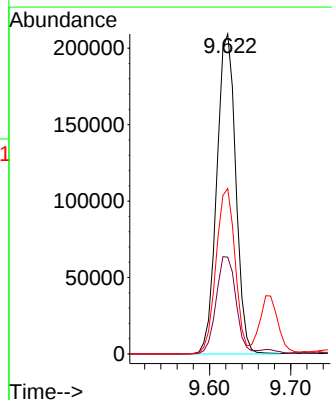
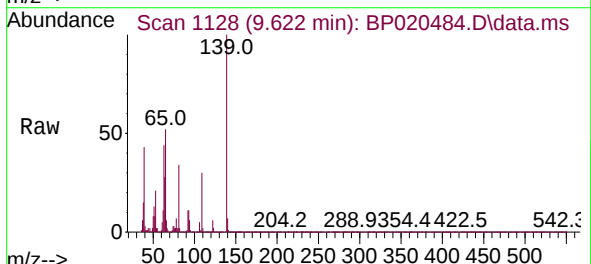
Instrument :
BNA_P
ClientSampleId :
PB160503BS

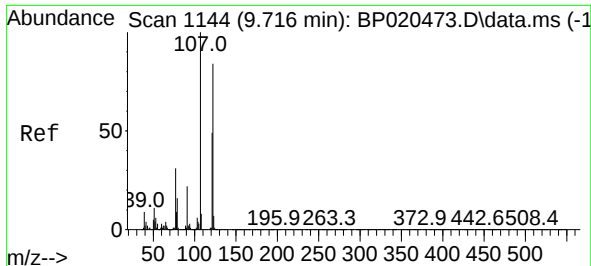
Tgt Ion: 82 Resp: 1603660
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.7 13.8 20.6



#26
2-Nitrophenol
Concen: 40.280 ng
RT: 9.622 min Scan# 1128
Delta R.T. -0.041 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 139 Resp: 340282
Ion Ratio Lower Upper
139 100
109 30.3 25.8 38.8
65 51.7 41.8 62.8





#27

2,4-Dimethylphenol

Concen: 45.265 ng

RT: 9.675 min Scan# 1144

Delta R.T. -0.041 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

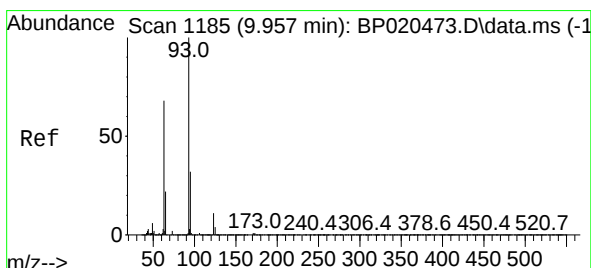
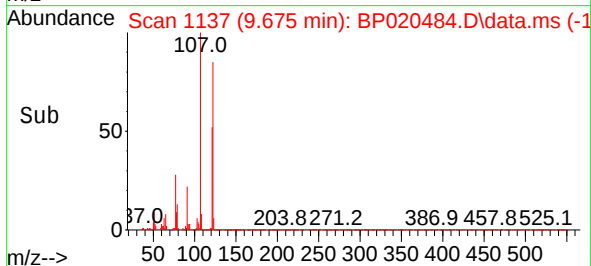
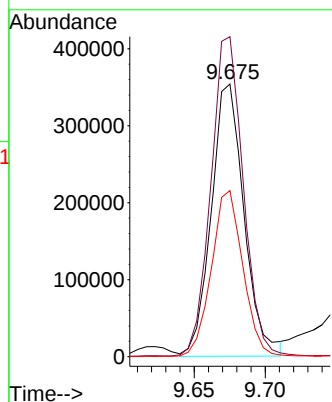
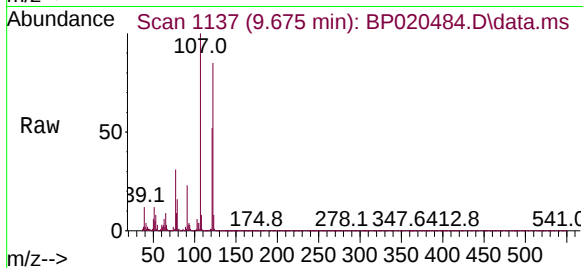
Tgt Ion:122 Resp: 568428

Ion Ratio Lower Upper

122 100

107 117.4 95.0 142.4

121 60.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.446 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.035 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

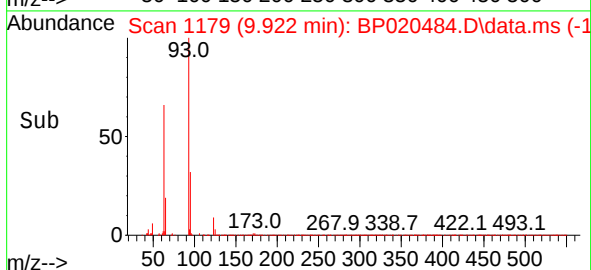
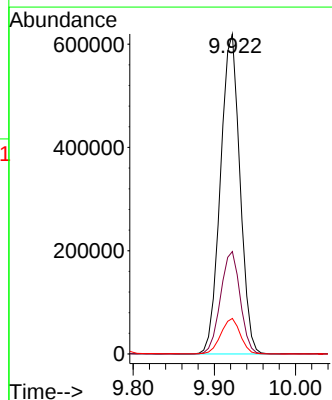
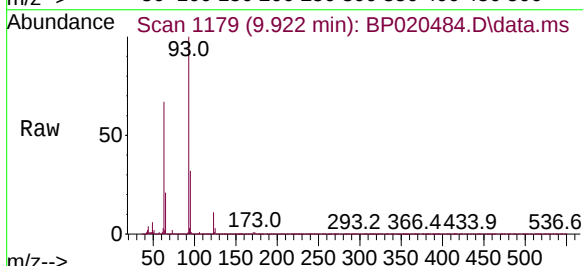
Tgt Ion: 93 Resp: 1033345

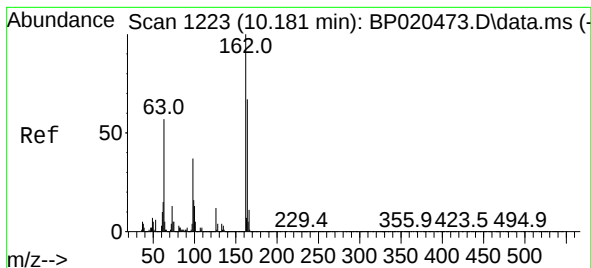
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.841 ng

RT: 10.140 min Scan# 11

Delta R.T. -0.041 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

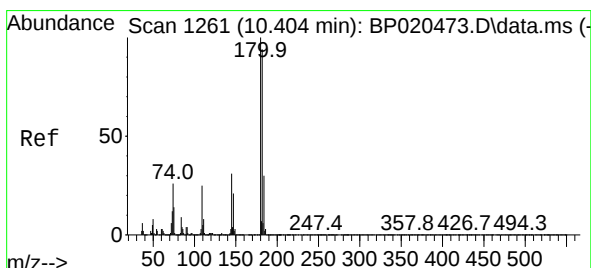
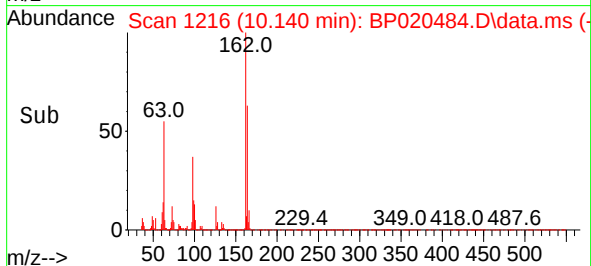
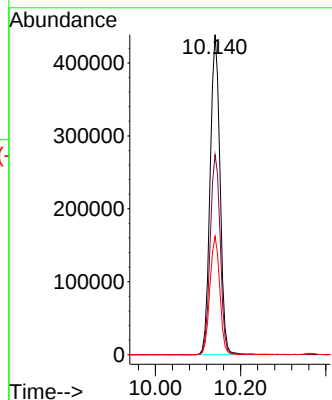
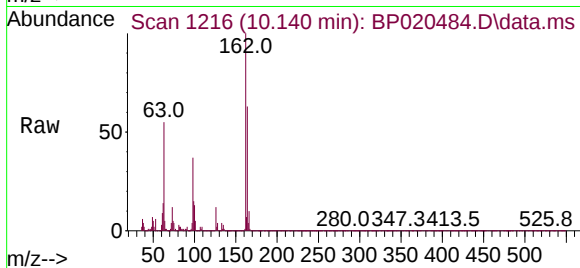
Tgt Ion:162 Resp: 704915

Ion Ratio Lower Upper

162 100

164 62.5 46.5 86.5

98 37.0 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 41.999 ng

RT: 10.363 min Scan# 1254

Delta R.T. -0.041 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

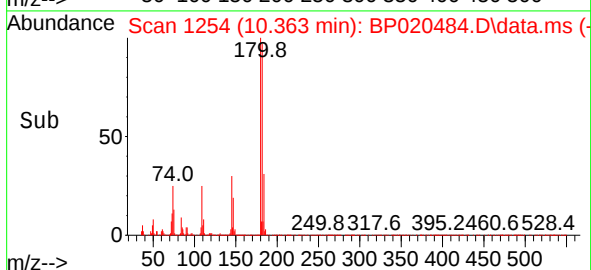
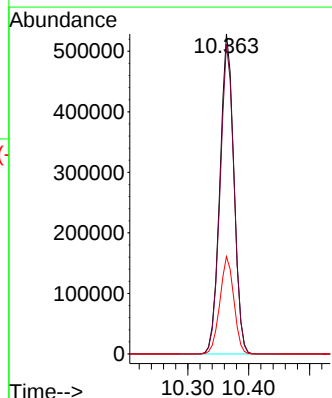
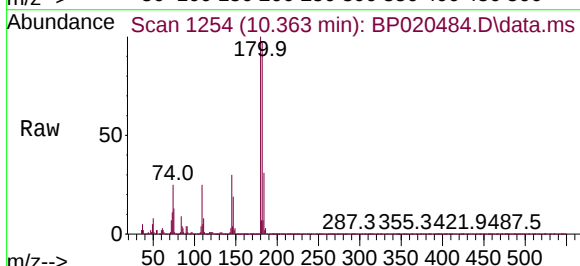
Tgt Ion:180 Resp: 840002

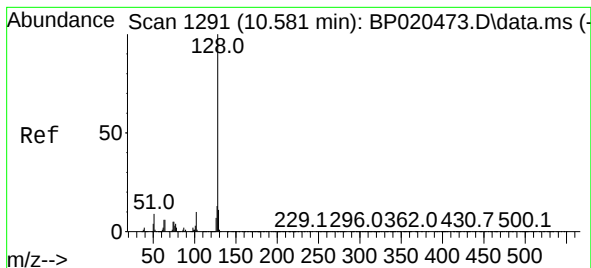
Ion Ratio Lower Upper

180 100

182 96.8 75.2 112.8

145 30.5 24.9 37.3





#31

Naphthalene

Concen: 41.143 ng

RT: 10.546 min Scan# 1115

Delta R.T. -0.035 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

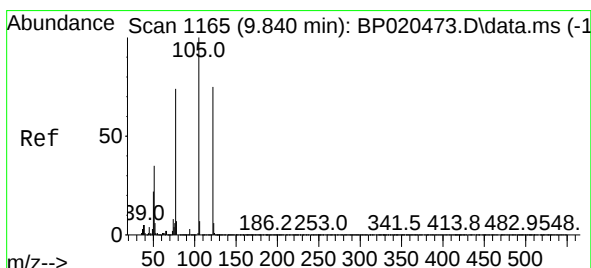
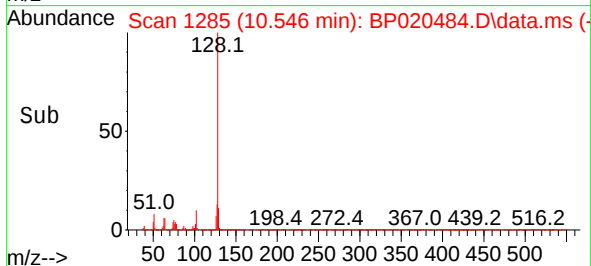
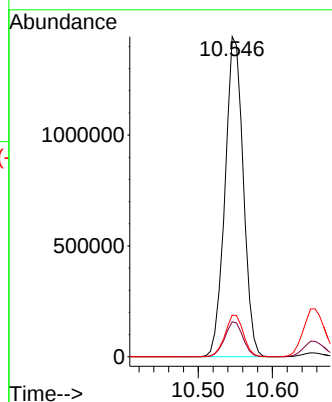
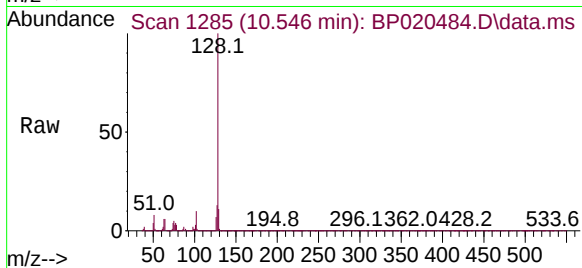
Tgt Ion:128 Resp: 2463177

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.0 10.5 15.7



#32

Benzoic acid

Concen: 32.960 ng

RT: 9.781 min Scan# 1155

Delta R.T. -0.059 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

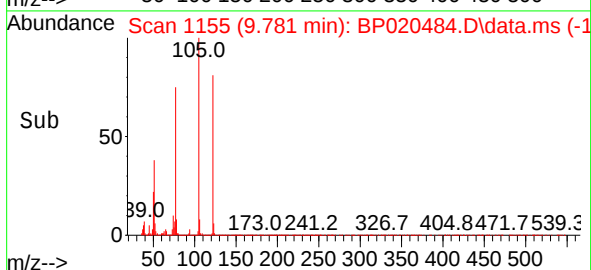
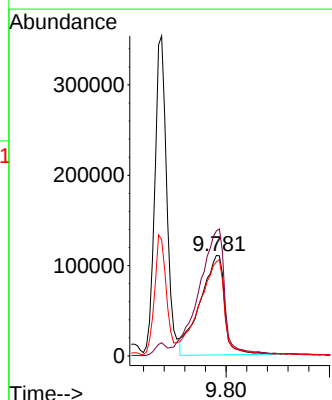
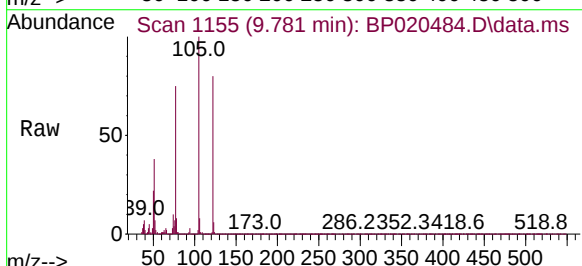
Tgt Ion:122 Resp: 363367

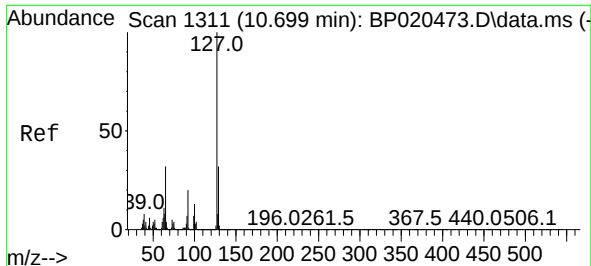
Ion Ratio Lower Upper

122 100

105 124.3 107.5 147.5

77 93.5 76.1 116.1





#33

4-Chloroaniline

Concen: 18.984 ng

RT: 10.658 min Scan# 1304

Delta R.T. -0.041 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

Tgt Ion:127 Resp: 439663

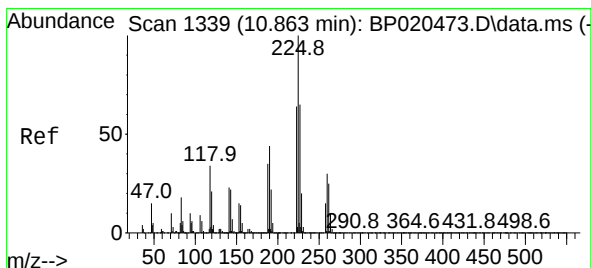
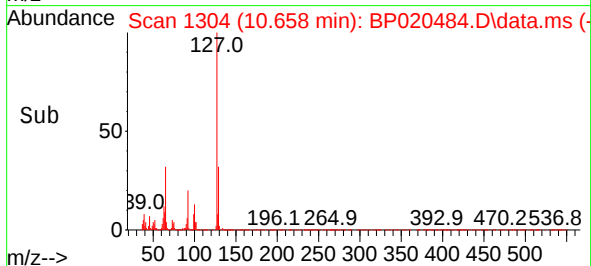
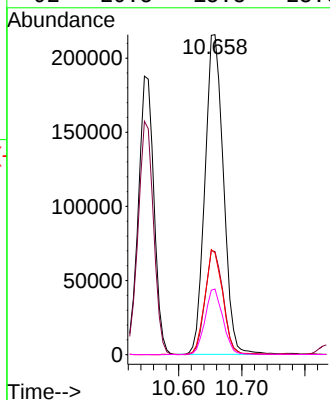
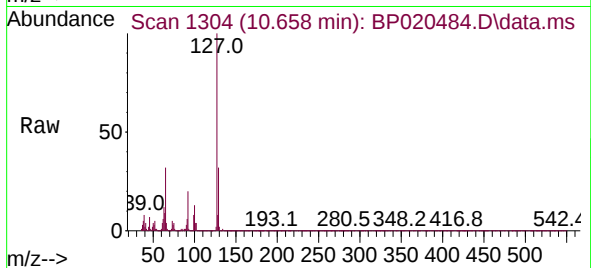
Ion Ratio Lower Upper

127 100

129 32.2 26.0 39.0

65 31.8 25.4 38.2

92 20.5 15.8 23.6



#34

Hexachlorobutadiene

Concen: 41.788 ng

RT: 10.834 min Scan# 1334

Delta R.T. -0.029 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

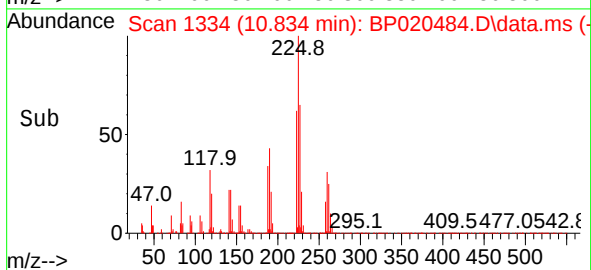
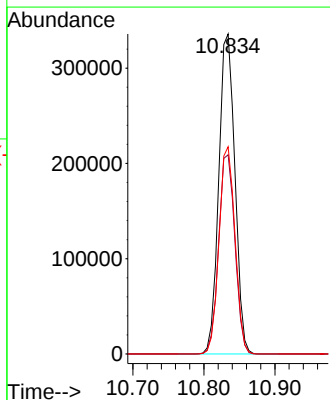
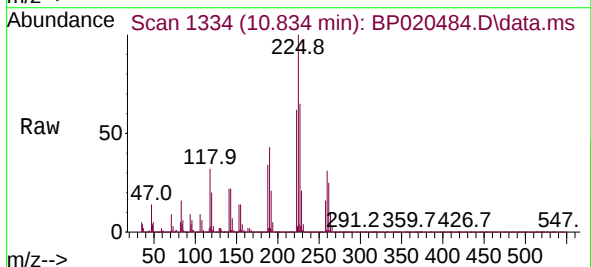
Tgt Ion:225 Resp: 526489

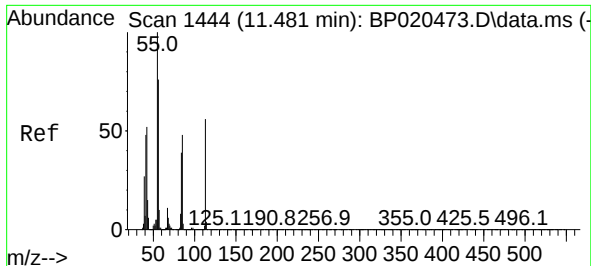
Ion Ratio Lower Upper

225 100

223 62.2 51.3 76.9

227 64.7 51.6 77.4

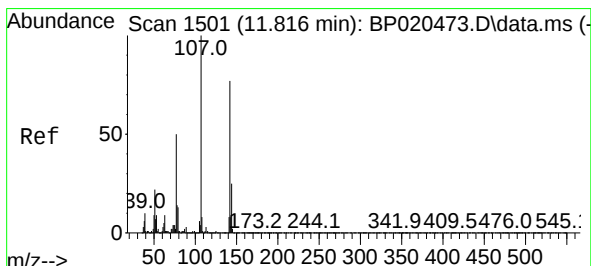
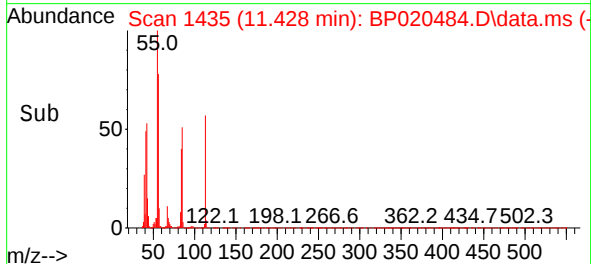
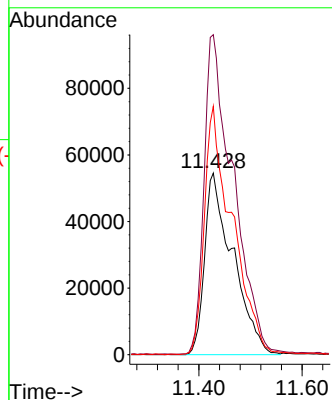
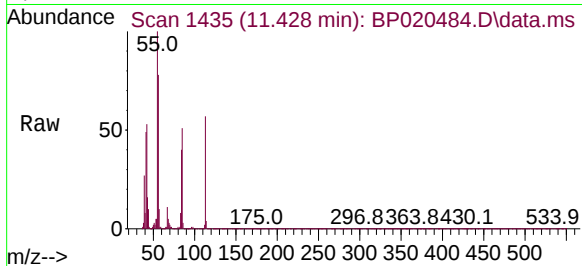




#35
Caprolactam
Concen: 33.411 ng
RT: 11.428 min Scan# 1444
Delta R.T. -0.053 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

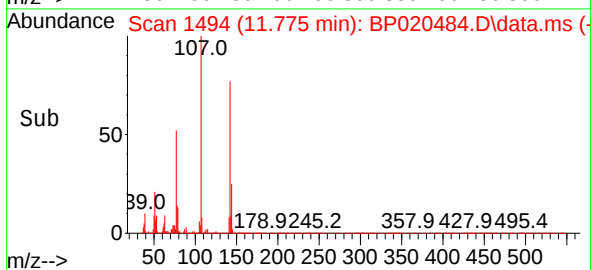
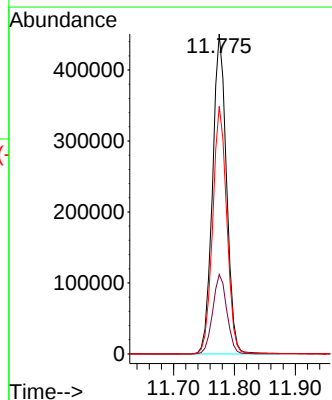
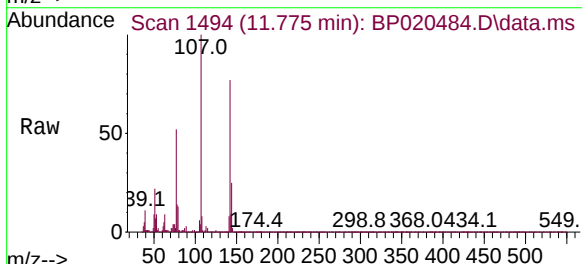
Instrument :
BNA_P
ClientSampleId :
PB160503BS

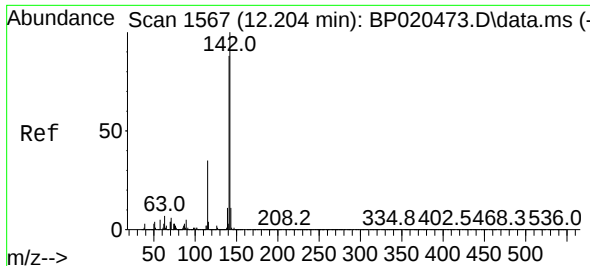
Tgt Ion:113 Resp: 206278
Ion Ratio Lower Upper
113 100
55 176.2 158.7 198.7
56 136.7 115.4 155.4



#36
4-Chloro-3-methylphenol
Concen: 36.557 ng
RT: 11.775 min Scan# 1494
Delta R.T. -0.041 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:107 Resp: 721102
Ion Ratio Lower Upper
107 100
144 24.8 20.0 30.0
142 77.3 61.4 92.2

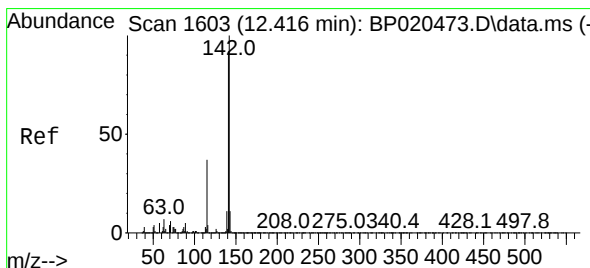
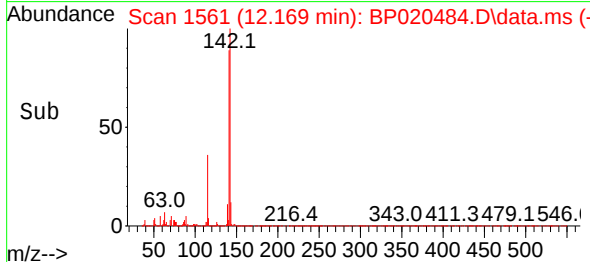
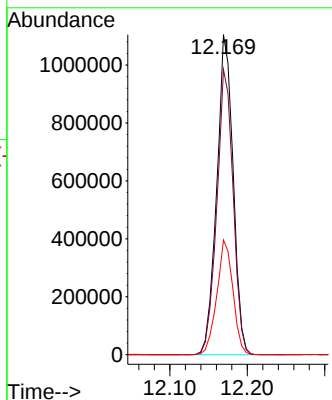
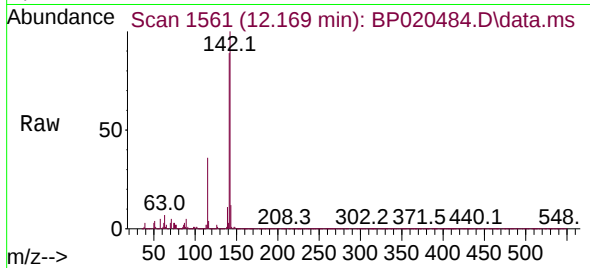




#37
2-Methylnaphthalene
Concen: 37.890 ng
RT: 12.169 min Scan# 1561
Delta R.T. -0.035 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

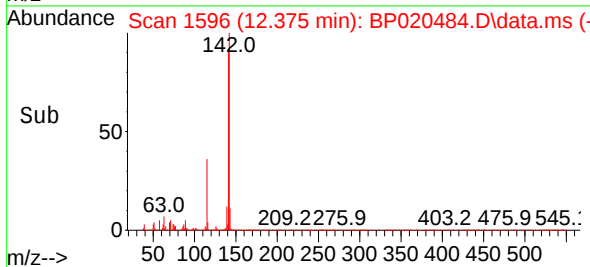
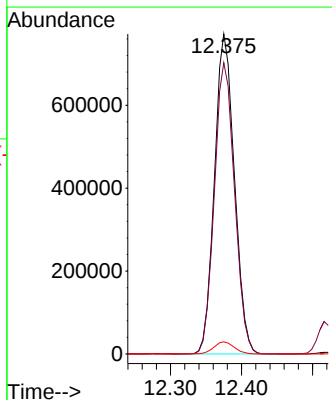
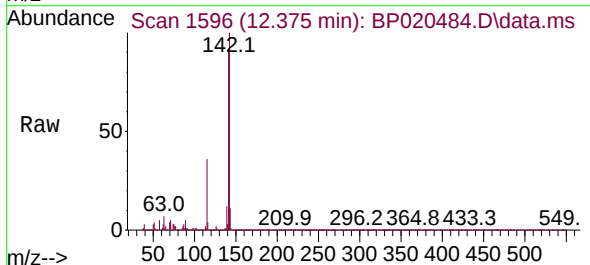
Instrument :
BNA_P
ClientSampleId :
PB160503BS

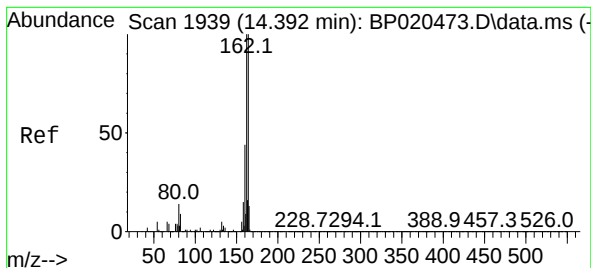
Tgt Ion:142 Resp: 1625461
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 35.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 35.267 ng
RT: 12.375 min Scan# 1596
Delta R.T. -0.041 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:142 Resp: 1499768
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.369 min Scan# 1935

Delta R.T. -0.023 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

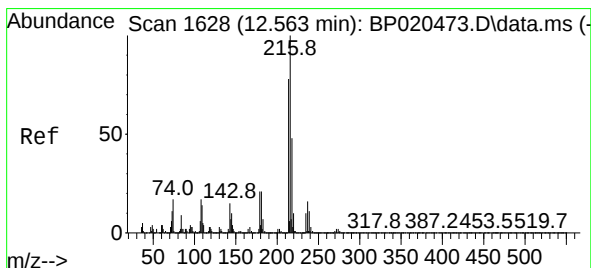
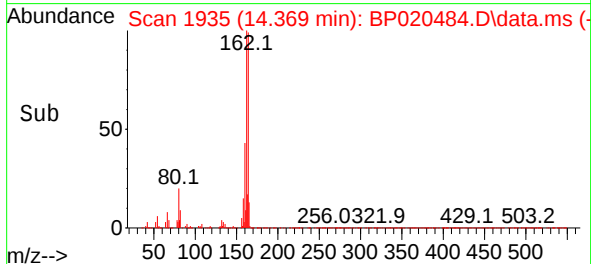
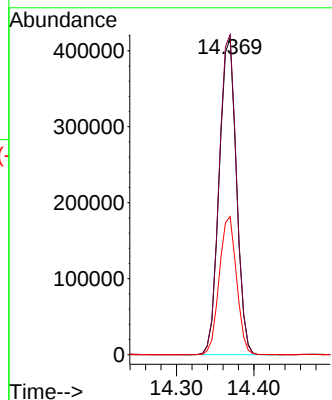
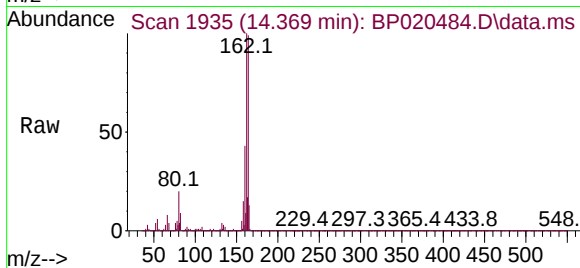
Tgt Ion:164 Resp: 642856

Ion Ratio Lower Upper

164 100

162 101.2 80.3 120.5

160 43.7 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.754 ng

RT: 12.540 min Scan# 1624

Delta R.T. -0.023 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Tgt Ion:216 Resp: 869626

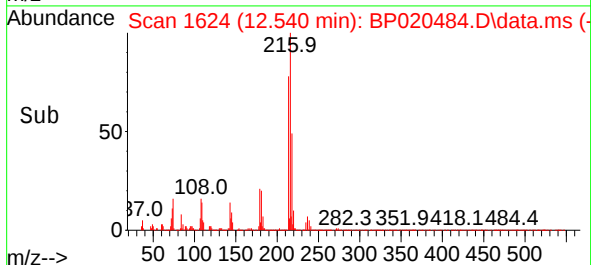
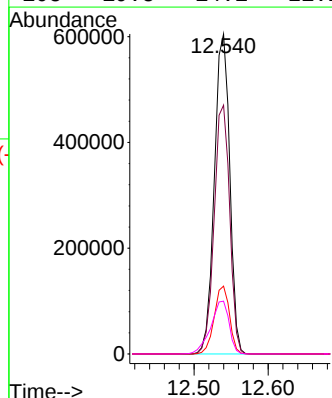
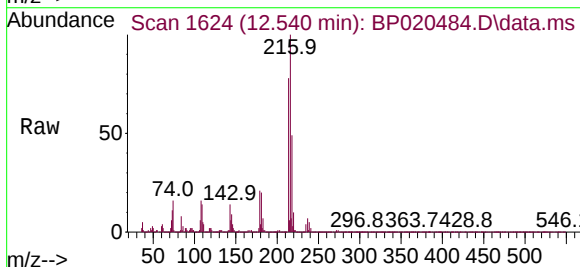
Ion Ratio Lower Upper

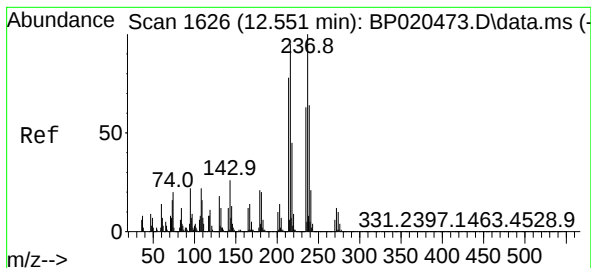
216 100

214 78.5 63.0 94.4

179 21.1 16.9 25.3

108 19.8 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 134.784 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

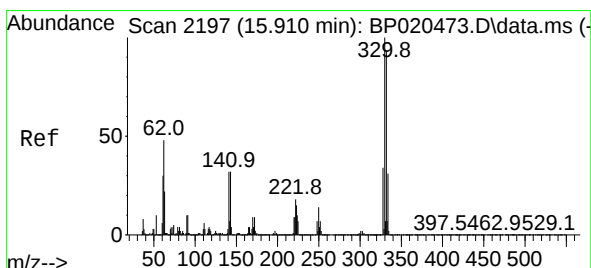
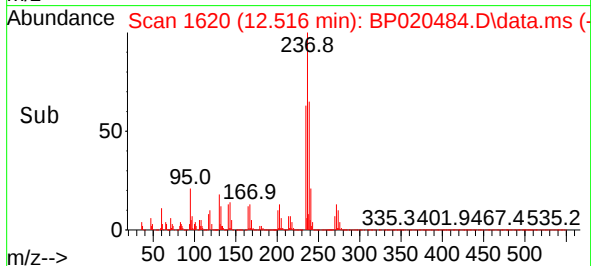
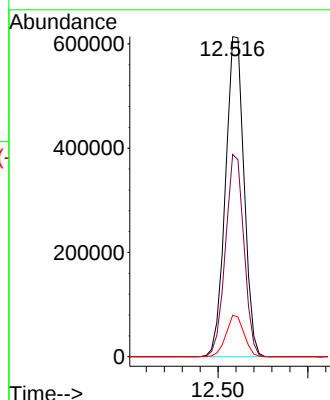
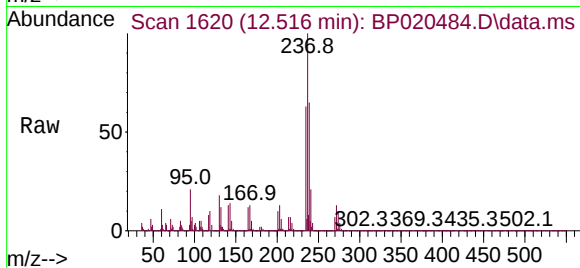
Tgt Ion:237 Resp: 881068

Ion Ratio Lower Upper

237 100

235 63.2 43.1 83.1

272 13.0 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 118.981 ng

RT: 15.887 min Scan# 2193

Delta R.T. -0.023 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

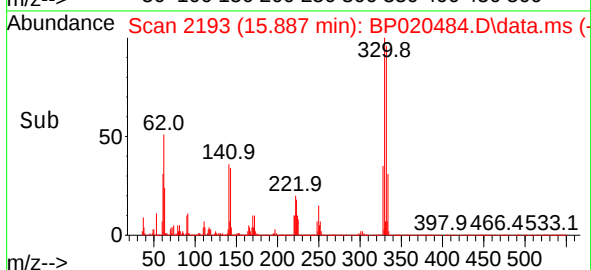
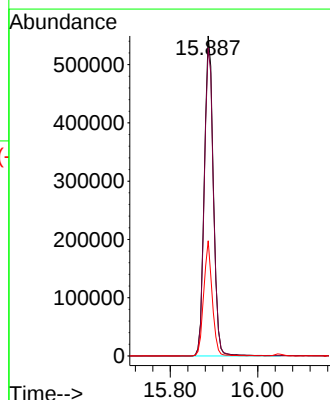
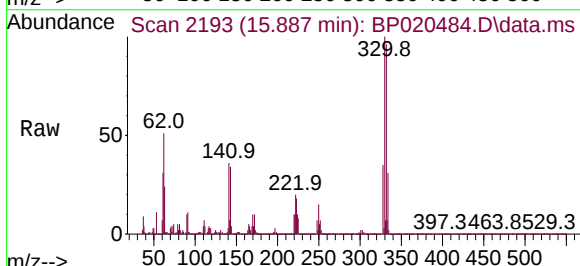
Tgt Ion:330 Resp: 793795

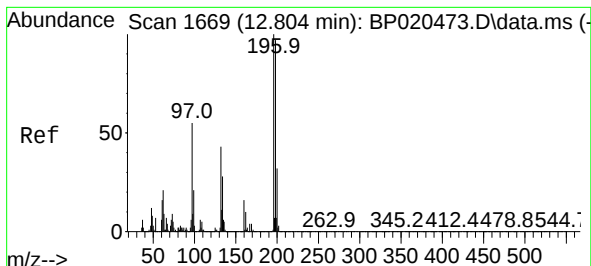
Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

141 33.5 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 45.550 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

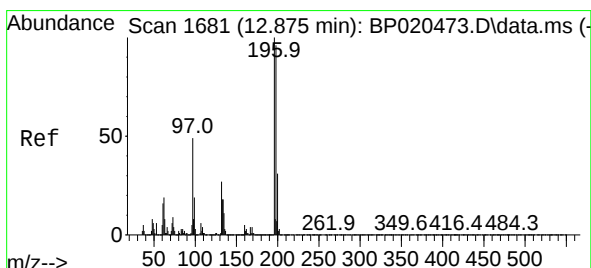
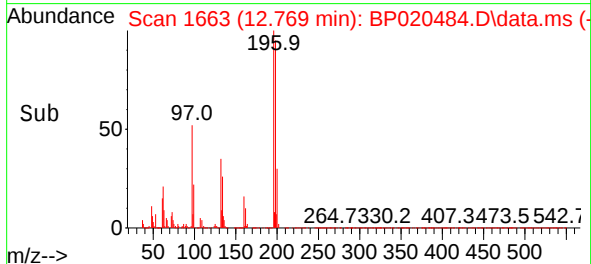
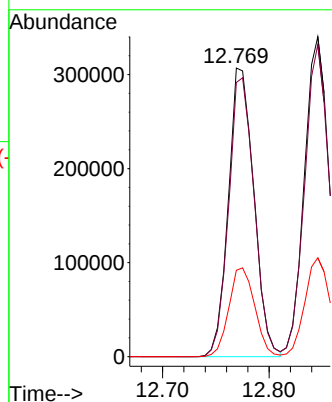
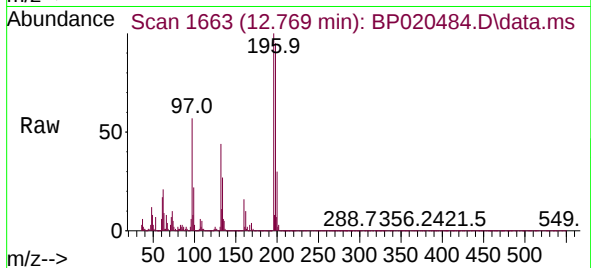
Tgt Ion:196 Resp: 512129

Ion Ratio Lower Upper

196 100

198 95.1 77.9 116.9

200 30.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 42.514 ng

RT: 12.846 min Scan# 1676

Delta R.T. -0.029 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Tgt Ion:196 Resp: 551440

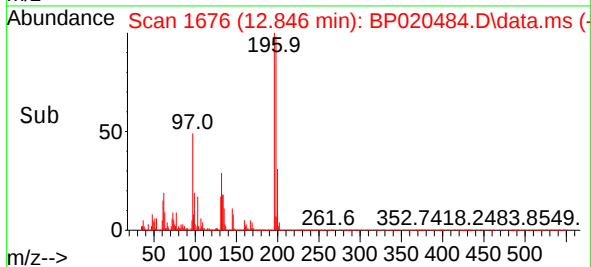
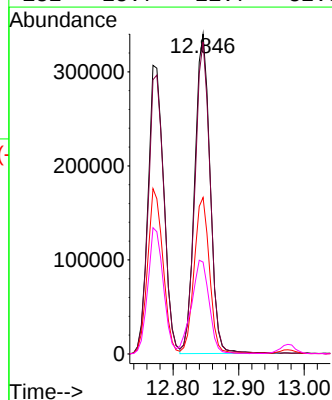
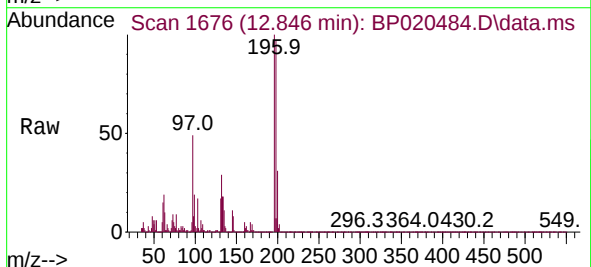
Ion Ratio Lower Upper

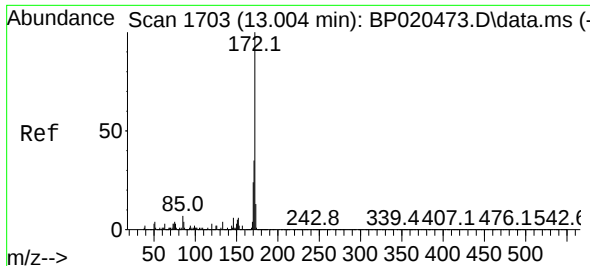
196 100

198 97.5 77.0 115.4

97 48.9 38.9 58.3

132 28.7 21.7 32.5

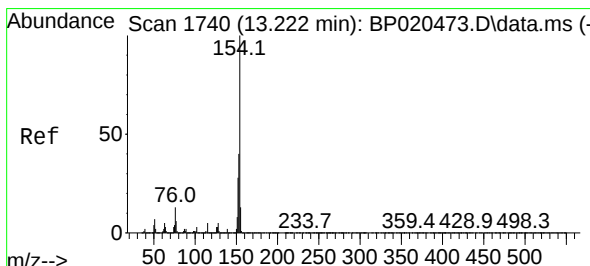
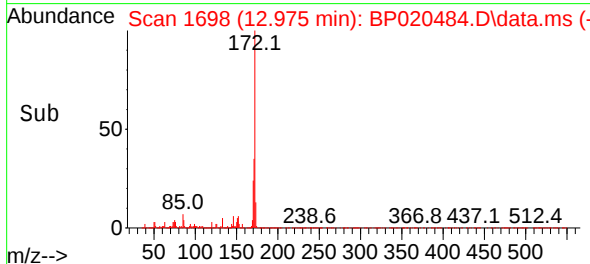
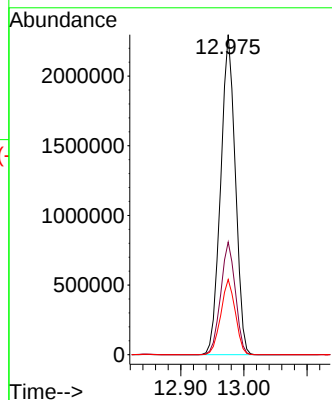
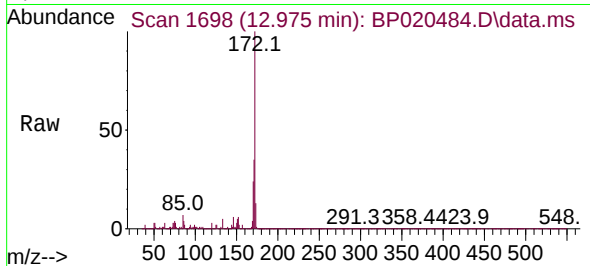




#45
2-Fluorobiphenyl
Concen: 85.823 ng
RT: 12.975 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

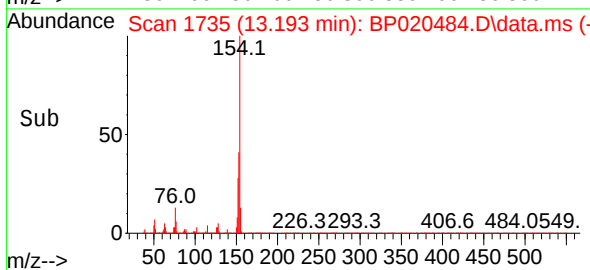
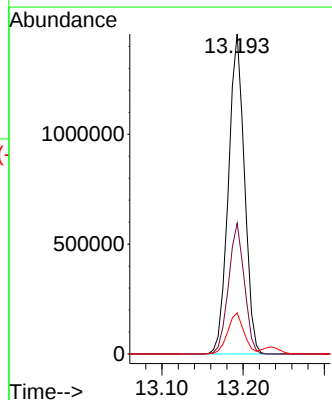
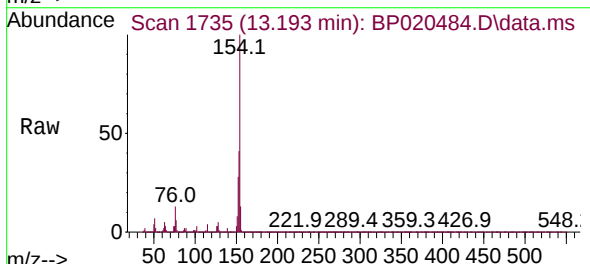
Instrument :
BNA_P
ClientSampleId :
PB160503BS

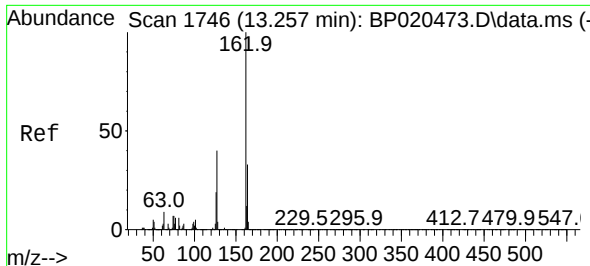
Tgt Ion:172 Resp: 3700989
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.010 ng
RT: 13.193 min Scan# 1735
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:154 Resp: 1996688
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 12.8 0.0 33.2

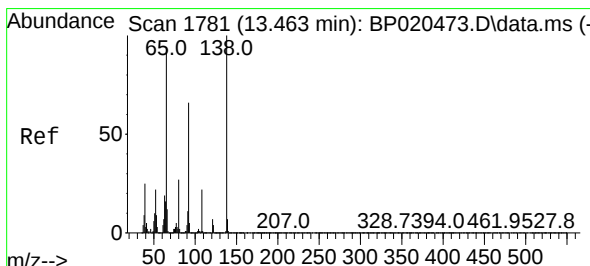
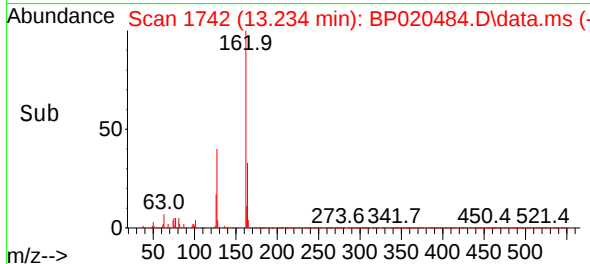
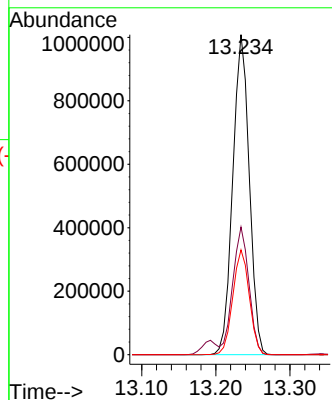
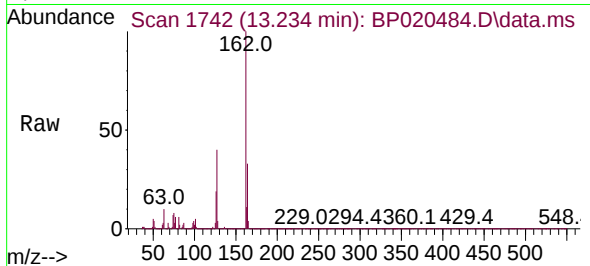




#47
2-Chloronaphthalene
Concen: 43.213 ng
RT: 13.234 min Scan# 1746
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

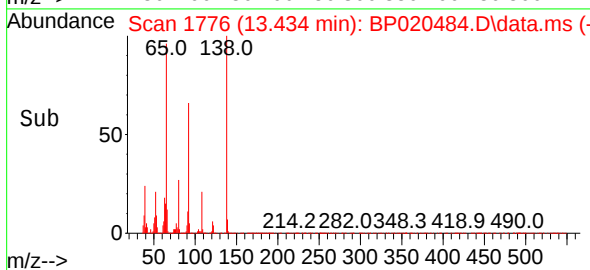
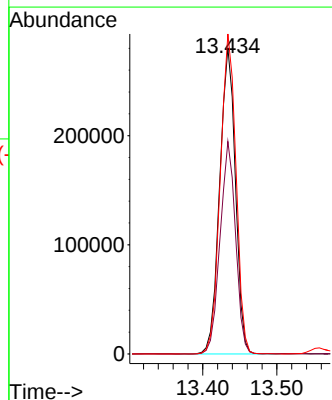
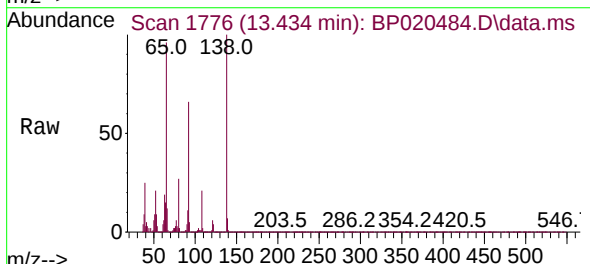
Instrument :
BNA_P
ClientSampleId :
PB160503BS

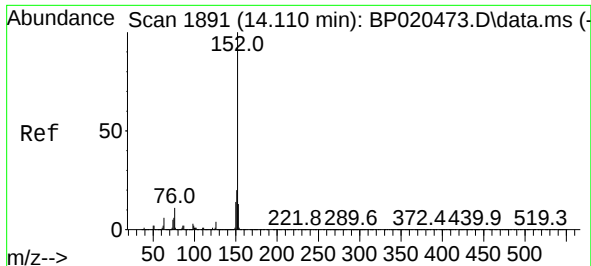
Tgt Ion:162 Resp: 1558536
Ion Ratio Lower Upper
162 100
127 39.9 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 42.310 ng
RT: 13.434 min Scan# 1776
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion: 65 Resp: 413498
Ion Ratio Lower Upper
65 100
92 69.4 55.8 83.8
138 104.5 85.2 127.8

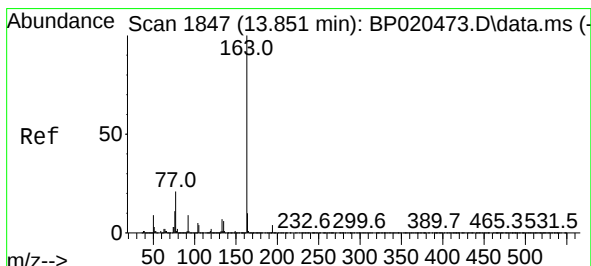
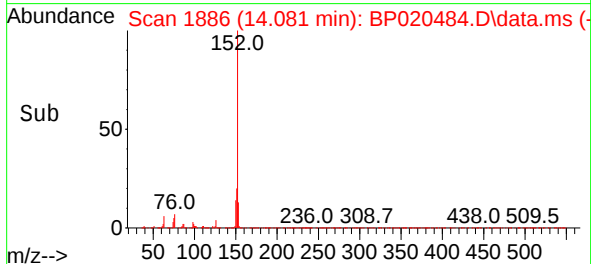
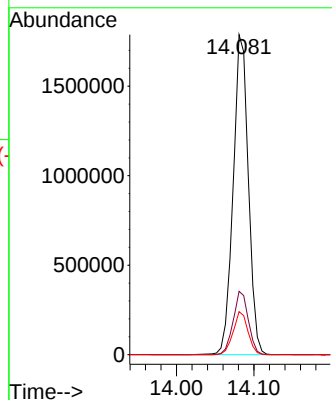
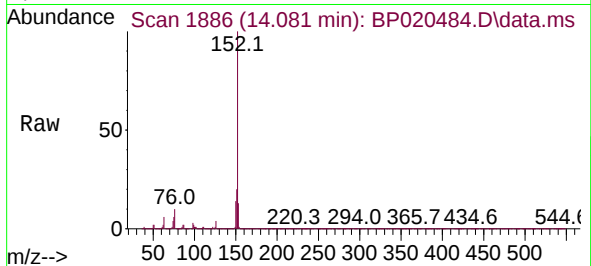




#49
Acenaphthylene
Concen: 45.470 ng
RT: 14.081 min Scan# 1886
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

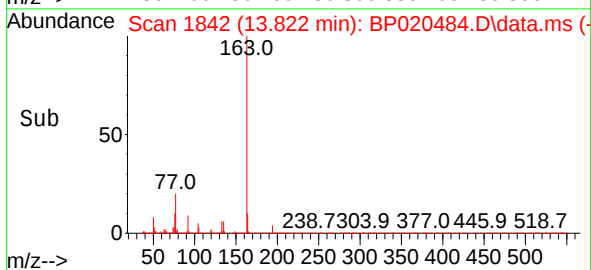
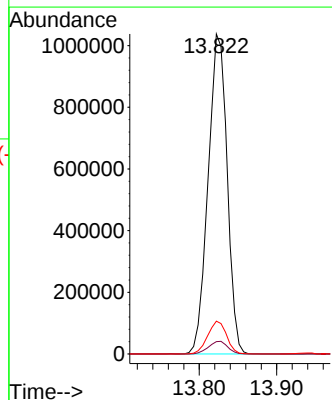
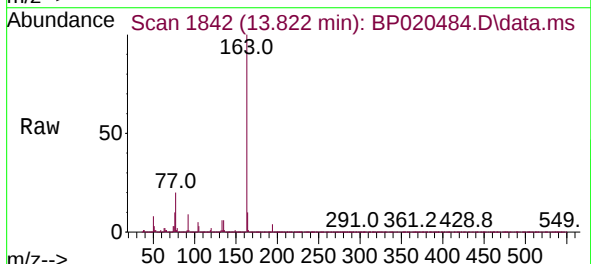
Instrument :
BNA_P
ClientSampleId :
PB160503BS

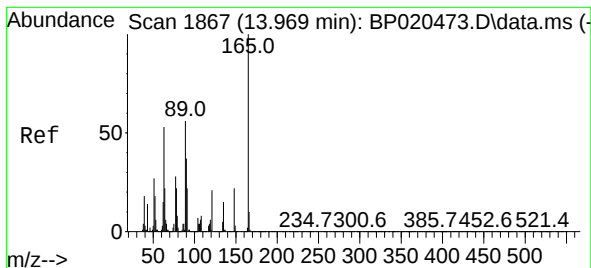
Tgt Ion:152 Resp: 2433440
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 39.030 ng
RT: 13.822 min Scan# 1842
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:163 Resp: 1768613
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 38.148 ng

RT: 13.940 min Scan# 1862

Delta R.T. -0.029 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

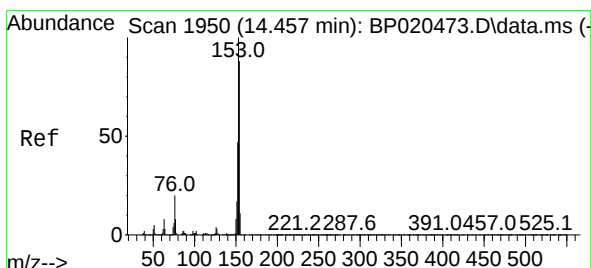
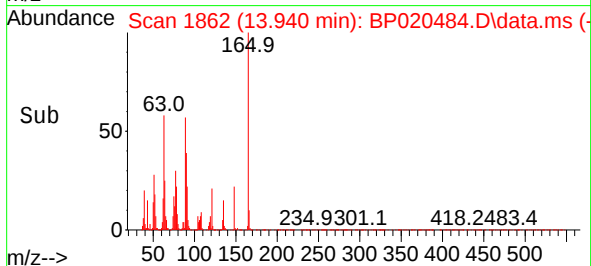
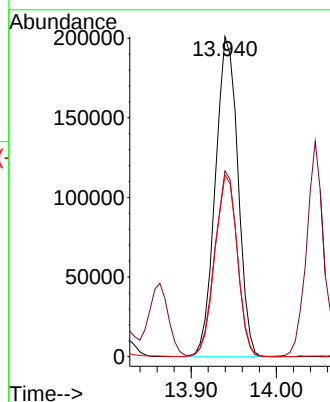
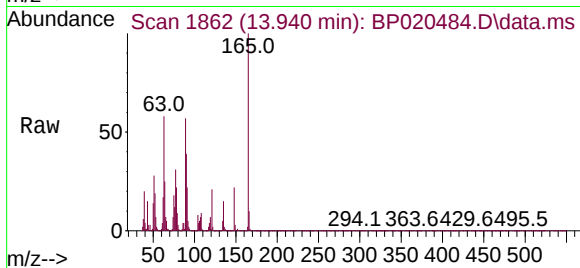
Tgt Ion:165 Resp: 369488

Ion Ratio Lower Upper

165 100

63 58.1 45.6 68.4

89 56.7 44.9 67.3



#52

Acenaphthene

Concen: 40.237 ng

RT: 14.434 min Scan# 1946

Delta R.T. -0.023 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

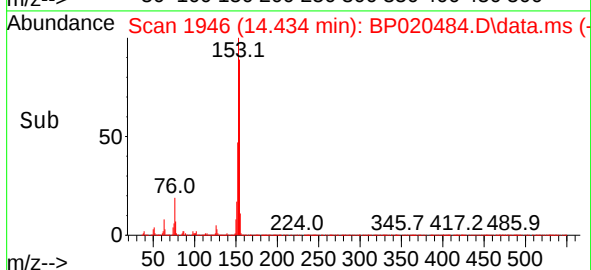
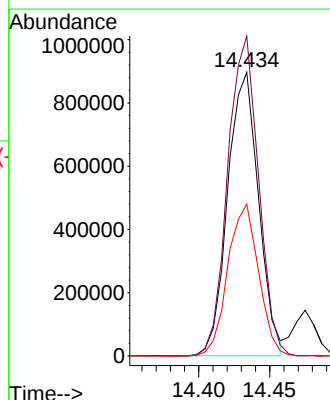
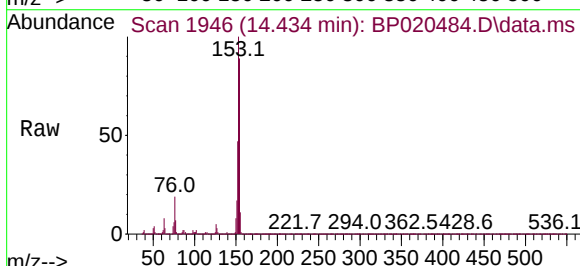
Tgt Ion:154 Resp: 1358326

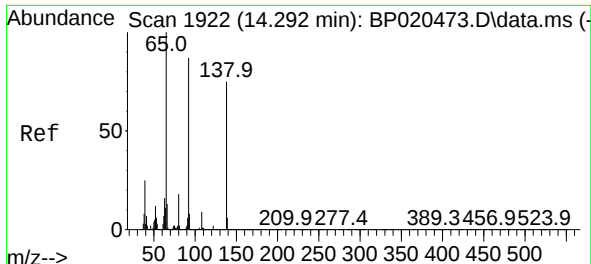
Ion Ratio Lower Upper

154 100

153 112.8 90.6 136.0

152 53.5 42.6 63.8

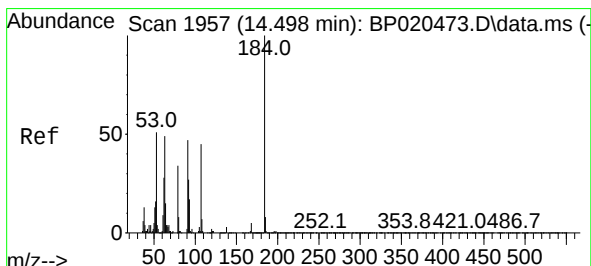
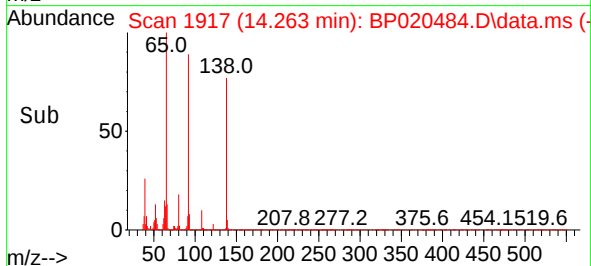
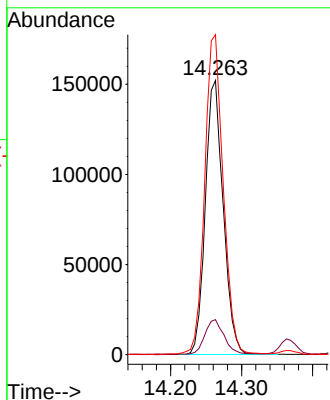
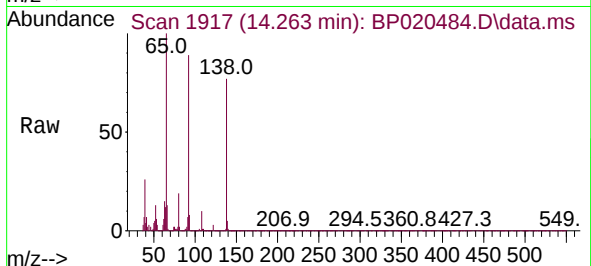




#53
3-Nitroaniline
Concen: 27.429 ng
RT: 14.263 min Scan# 1917
Delta R.T. -0.029 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

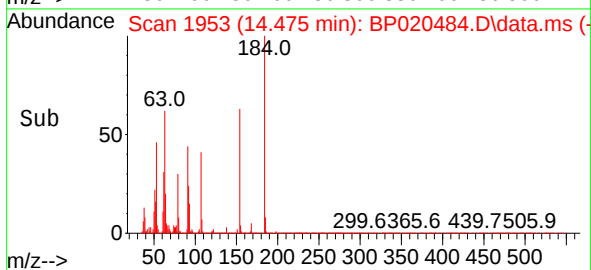
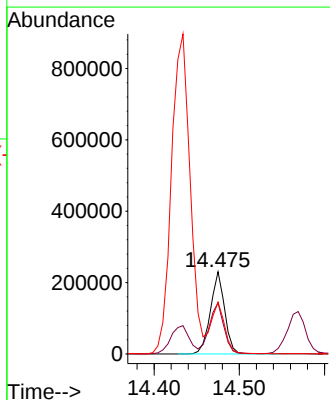
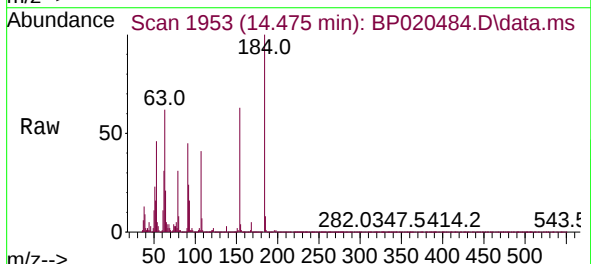
Instrument :
BNA_P
ClientSampleId :
PB160503BS

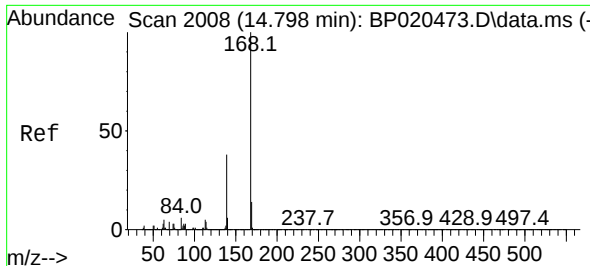
Tgt Ion:138 Resp: 266490
Ion Ratio Lower Upper
138 100
108 12.8 9.8 14.6
92 116.7 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 65.952 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:184 Resp: 268452
Ion Ratio Lower Upper
184 100
63 62.2 54.2 81.4
154 62.8 51.0 76.6

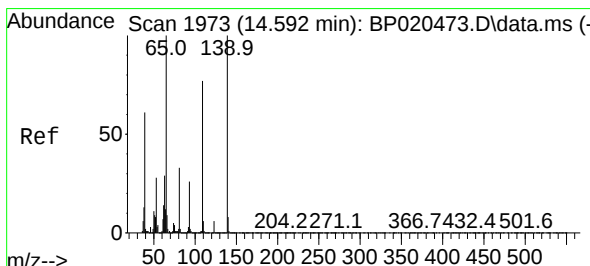
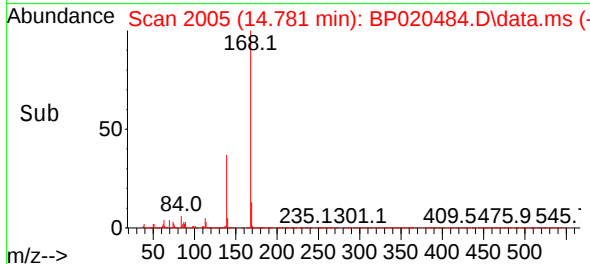
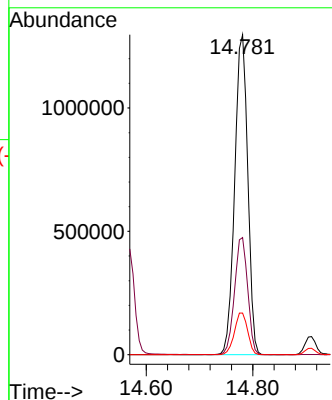
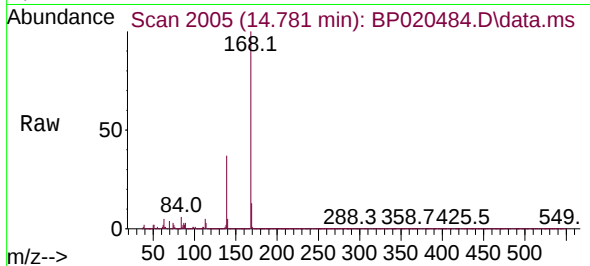




#55
Dibenzenofuran
Concen: 41.214 ng
RT: 14.781 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

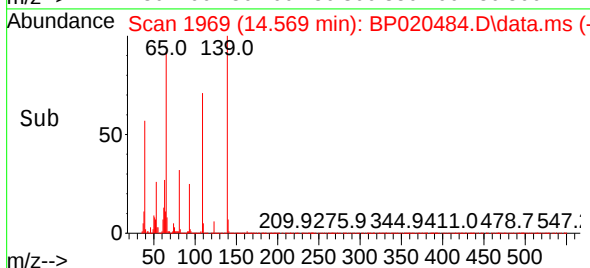
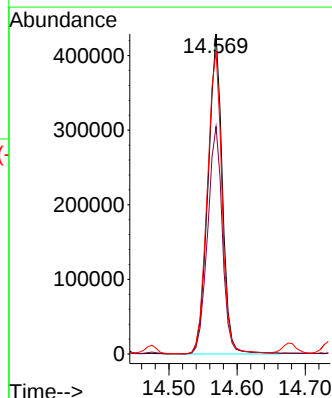
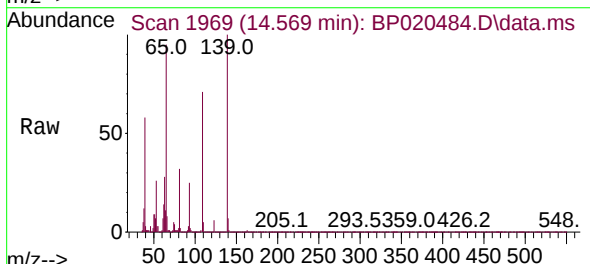
Instrument :
BNA_P
ClientSampleId :
PB160503BS

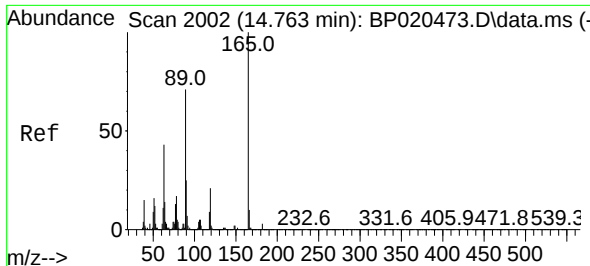
Tgt Ion:168 Resp: 2203989
Ion Ratio Lower Upper
168 100
139 36.6 30.4 45.6
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 83.317 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:139 Resp: 626164
Ion Ratio Lower Upper
139 100
109 71.1 57.4 97.4
65 94.7 80.4 120.4

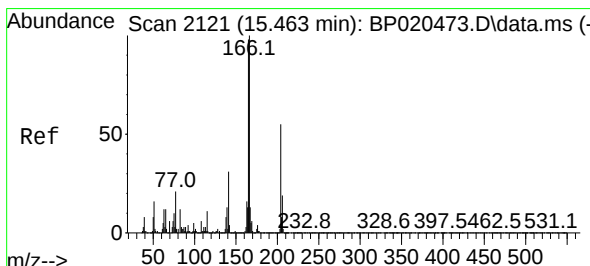
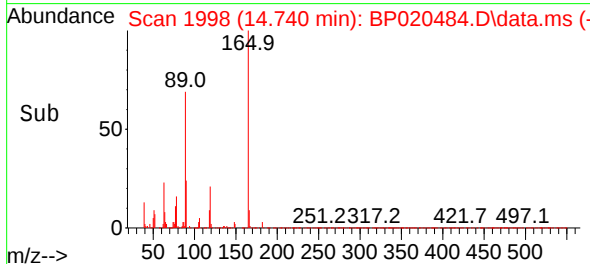
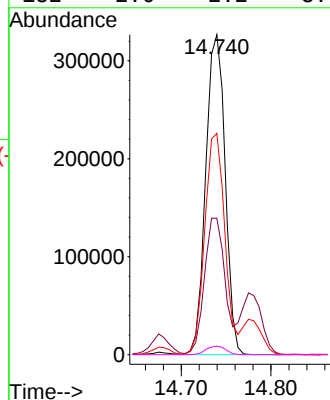
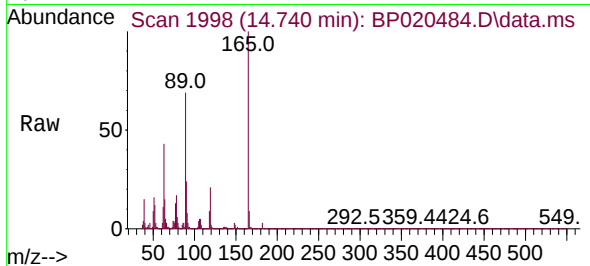




#57
2,4-Dinitrotoluene
Concen: 38.470 ng
RT: 14.740 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

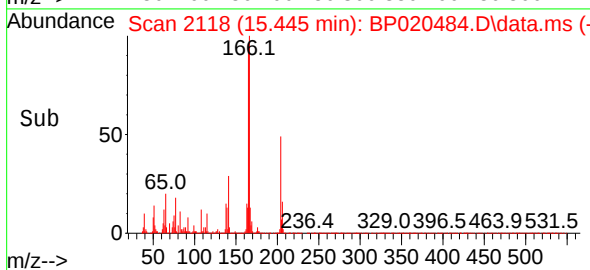
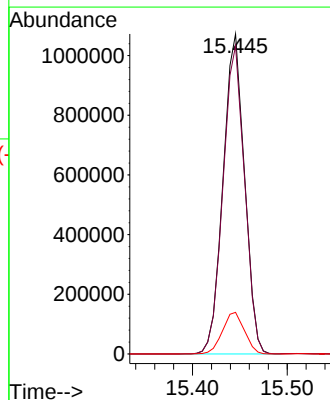
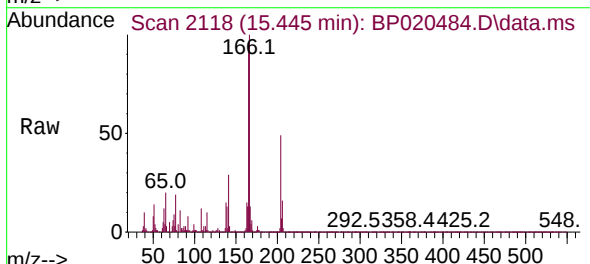
Instrument :
BNA_P
ClientSampleId :
PB160503BS

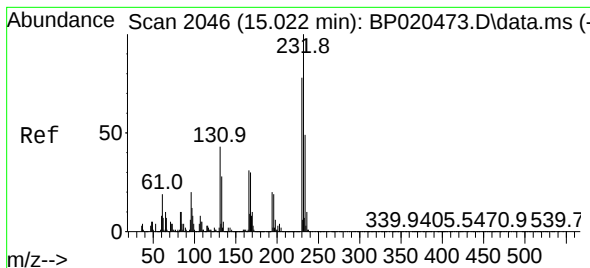
Tgt Ion:165 Resp: 489678
Ion Ratio Lower Upper
165 100
63 42.7 34.9 52.3
89 69.2 56.6 85.0
182 2.6 2.2 3.4



#58
Fluorene
Concen: 39.232 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:166 Resp: 1684233
Ion Ratio Lower Upper
166 100
165 96.3 78.2 117.4
167 13.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.169 ng

RT: 14.993 min Scan# 2041

Delta R.T. -0.029 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

Tgt Ion:232 Resp: 437003

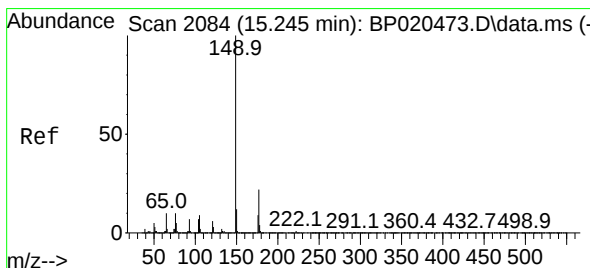
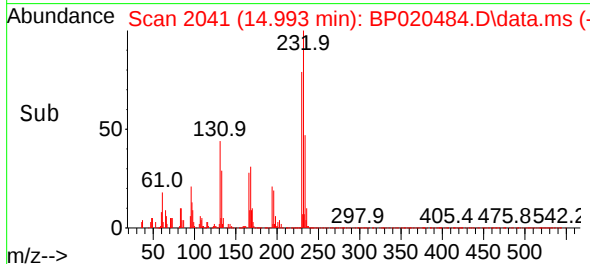
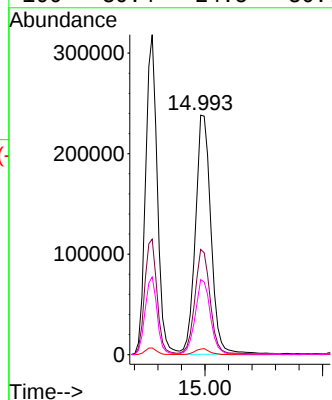
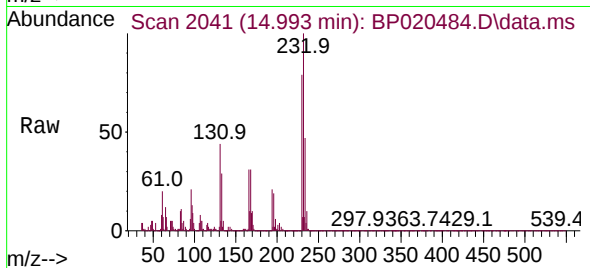
Ion Ratio Lower Upper

232 100

131 42.7 34.8 52.2

130 2.4 1.9 2.9

166 30.4 24.5 36.7



#60

Diethylphthalate

Concen: 37.038 ng

RT: 15.222 min Scan# 2080

Delta R.T. -0.023 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

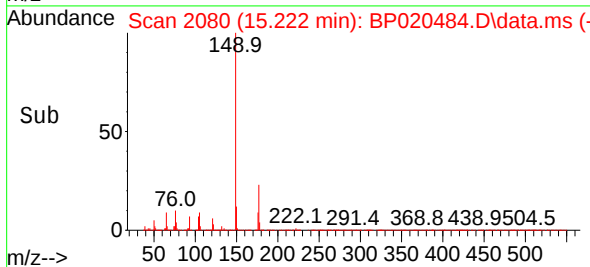
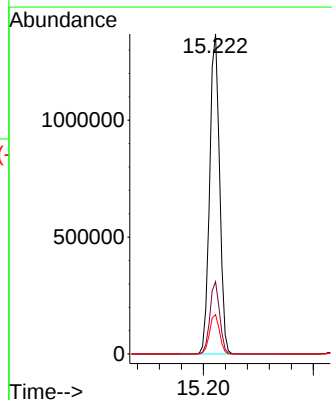
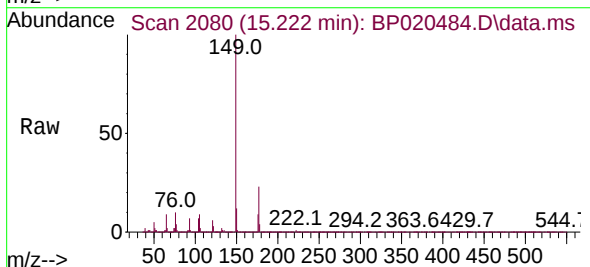
Tgt Ion:149 Resp: 1706122

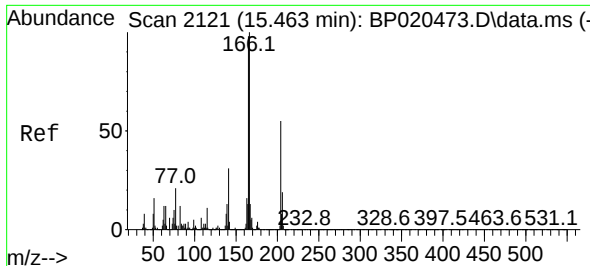
Ion Ratio Lower Upper

149 100

177 22.6 17.8 26.8

150 12.3 9.8 14.8

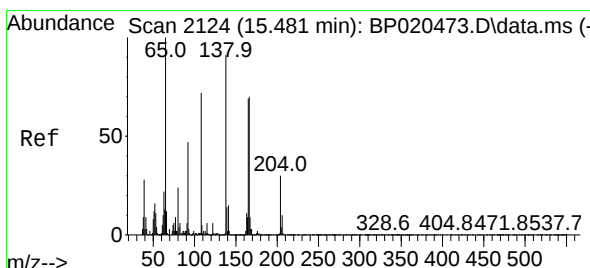
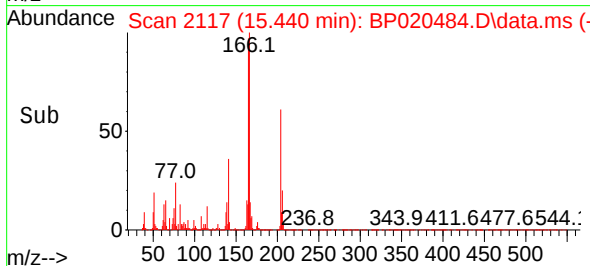
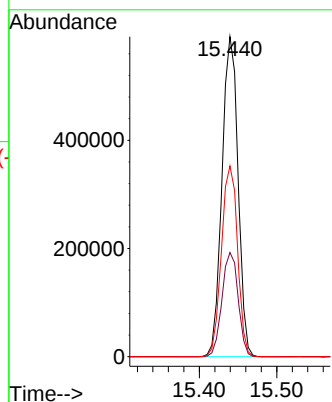
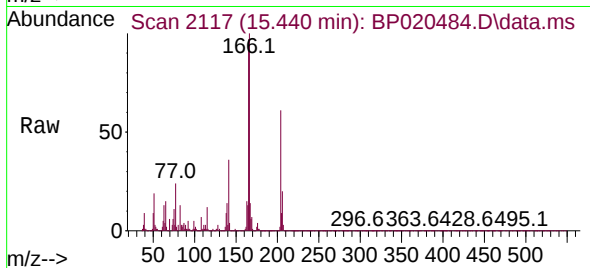




#61
4-Chlorophenyl-phenylether
Concen: 38.513 ng
RT: 15.440 min Scan# 2117
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

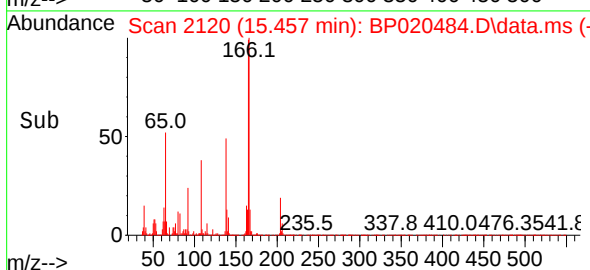
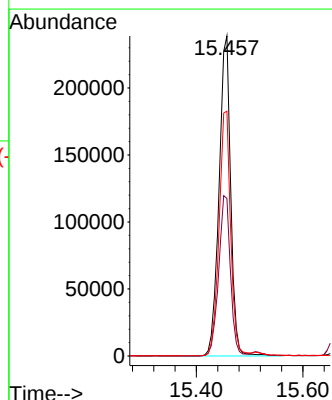
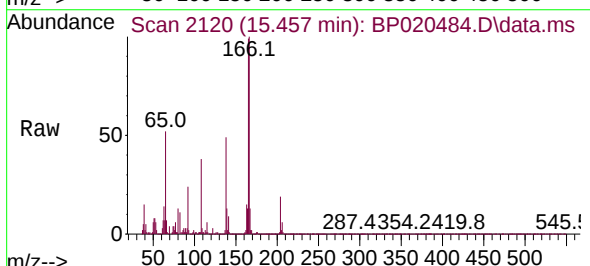
Instrument :
BNA_P
ClientSampleId :
PB160503BS

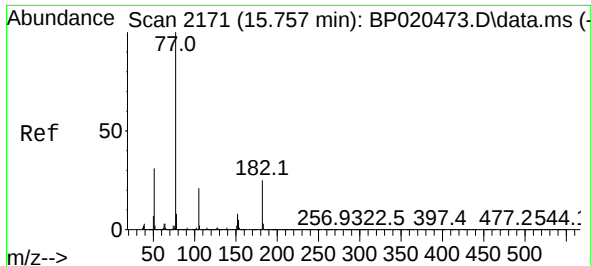
Tgt Ion:204 Resp: 853180
Ion Ratio Lower Upper
204 100
206 32.6 27.0 40.4
141 59.6 45.0 67.6



#62
4-Nitroaniline
Concen: 36.039 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:138 Resp: 360676
Ion Ratio Lower Upper
138 100
92 49.2 31.7 71.7
108 76.5 59.9 99.9

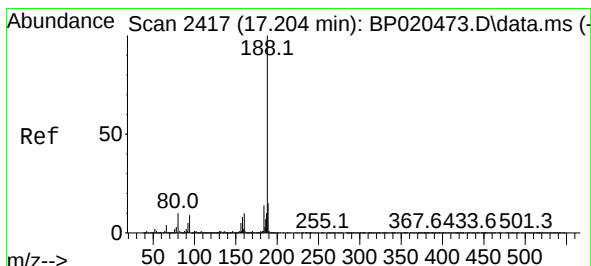
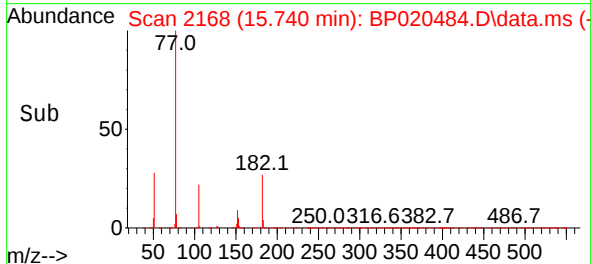
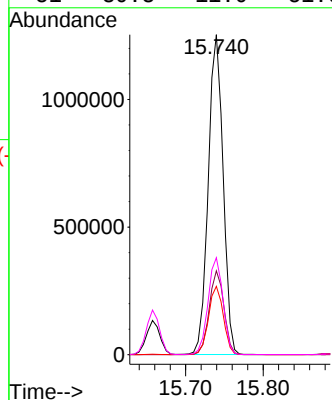
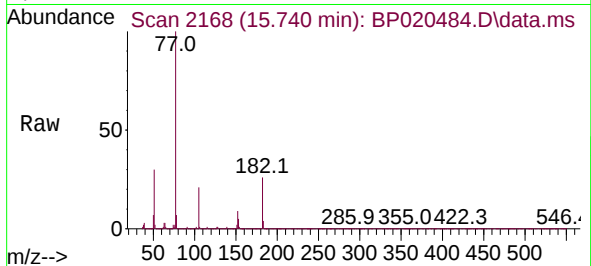




#63
Azobenzene
Concen: 38.777 ng
RT: 15.740 min Scan# 2171
Delta R.T. -0.018 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

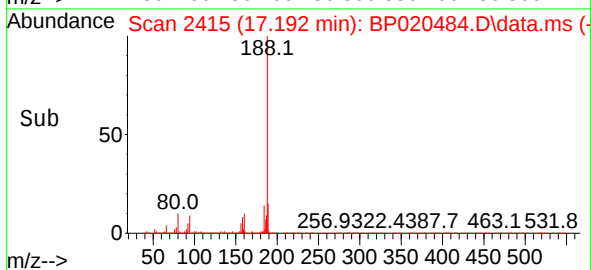
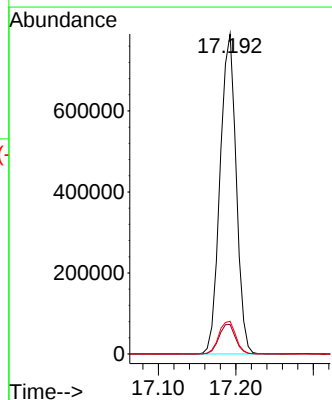
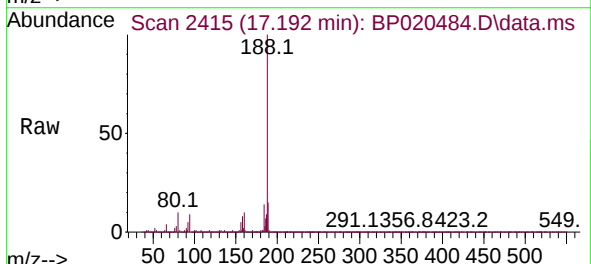
Instrument :
BNA_P
ClientSampleId :
PB160503BS

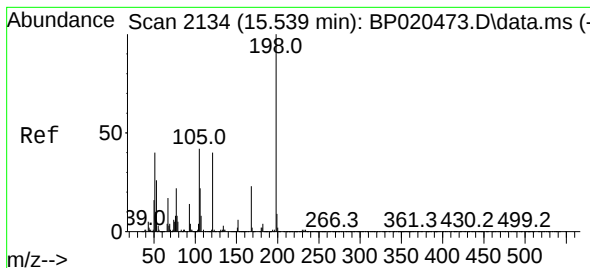
Tgt Ion: 77 Resp: 1667902
Ion Ratio Lower Upper
77 100
182 26.2 4.6 44.6
105 21.4 1.2 41.2
51 30.3 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:188 Resp: 1140759
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.2 8.1 12.1

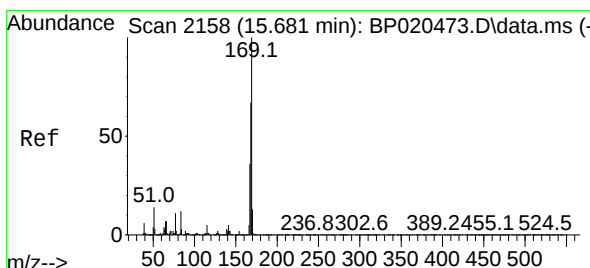
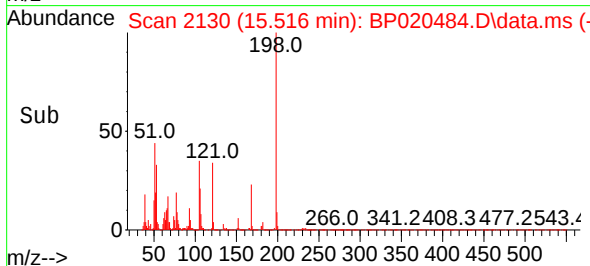
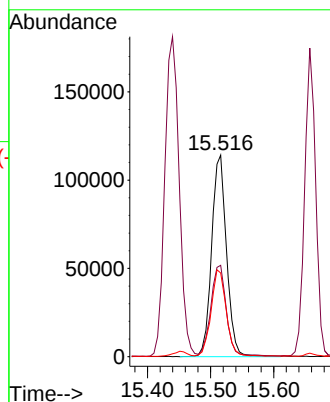
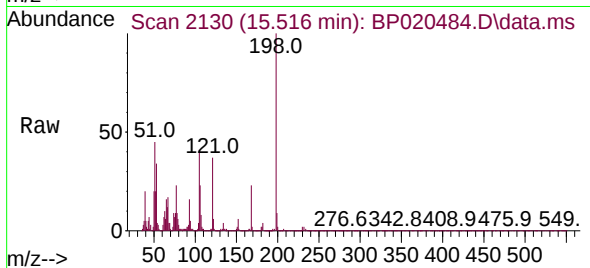




#65
4,6-Dinitro-2-methylphenol
Concen: 38.616 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

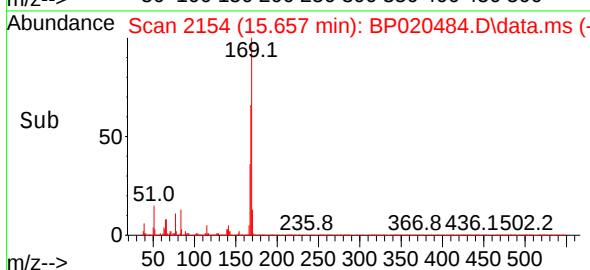
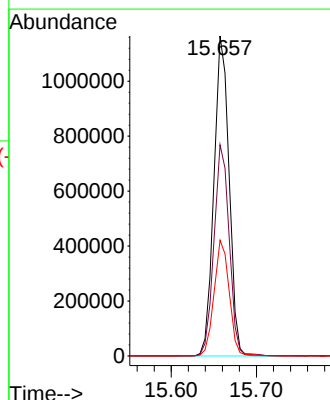
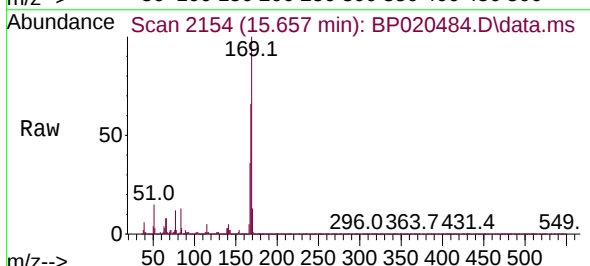
Instrument :
BNA_P
ClientSampleId :
PB160503BS

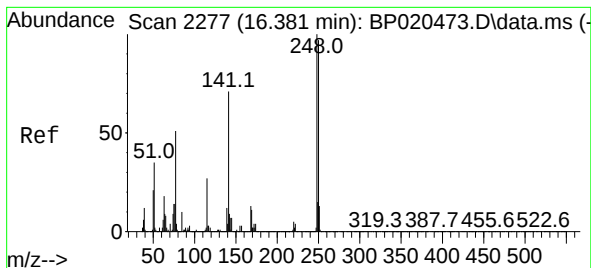
Tgt Ion:198 Resp: 186297
Ion Ratio Lower Upper
198 100
51 45.3 24.8 64.8
105 41.5 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 45.873 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.023 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:169 Resp: 1438722
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.2 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 43.405 ng

RT: 16.363 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

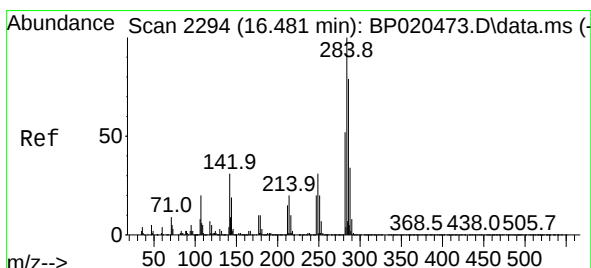
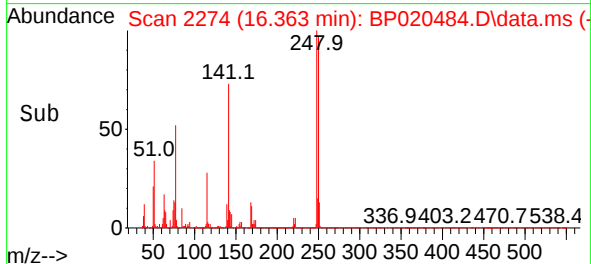
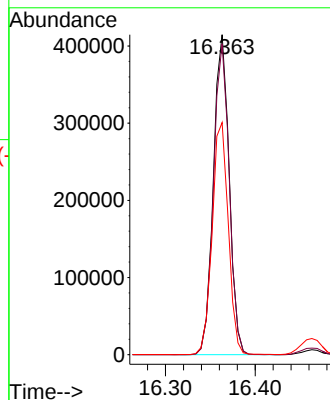
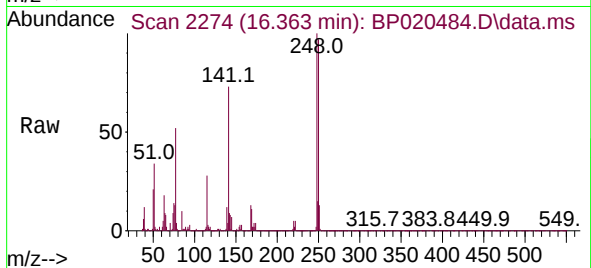
Tgt Ion:248 Resp: 506559

Ion Ratio Lower Upper

248 100

250 97.1 77.4 116.0

141 72.6 56.5 84.7



#68

Hexachlorobenzene

Concen: 42.766 ng

RT: 16.463 min Scan# 2291

Delta R.T. -0.018 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

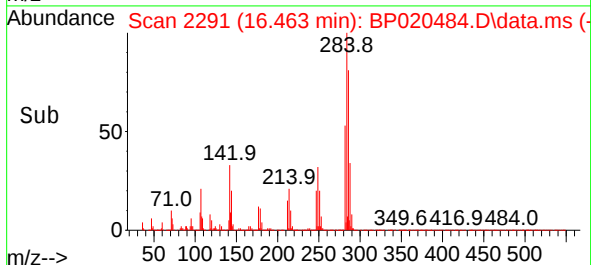
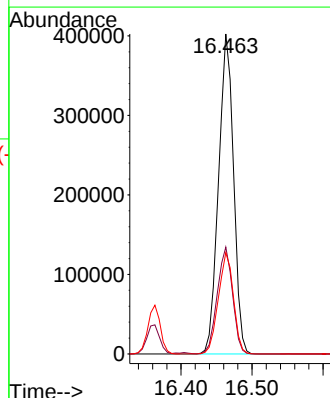
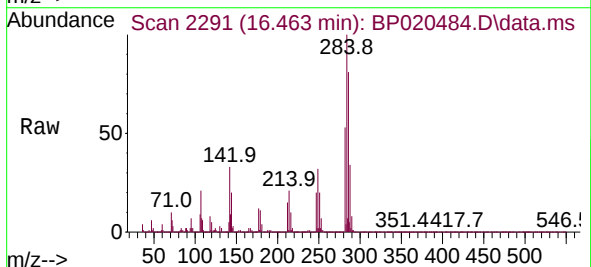
Tgt Ion:284 Resp: 587400

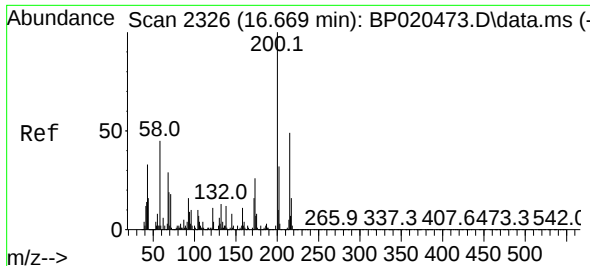
Ion Ratio Lower Upper

284 100

142 33.4 24.5 36.7

249 31.6 25.3 37.9

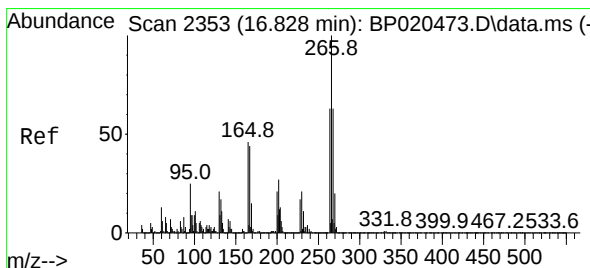
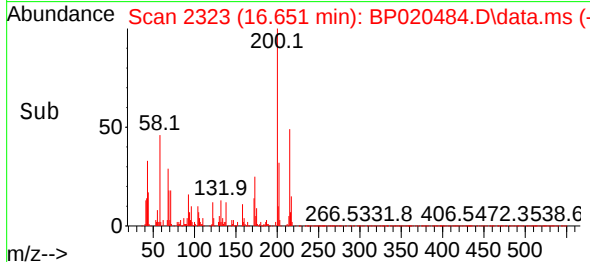
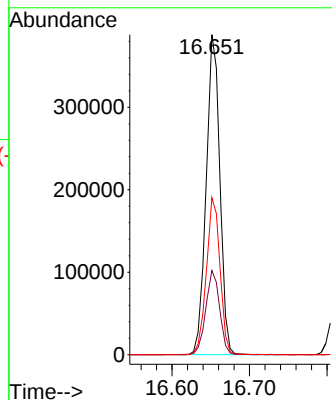
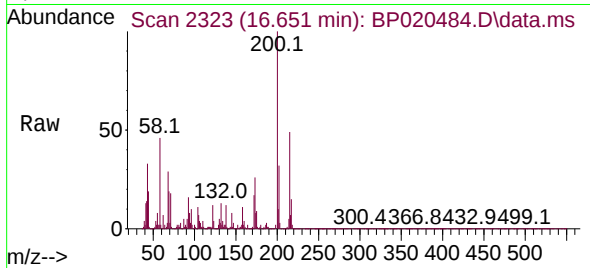




#69
Atrazine
Concen: 43.137 ng
RT: 16.651 min Scan# 2323
Delta R.T. -0.018 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

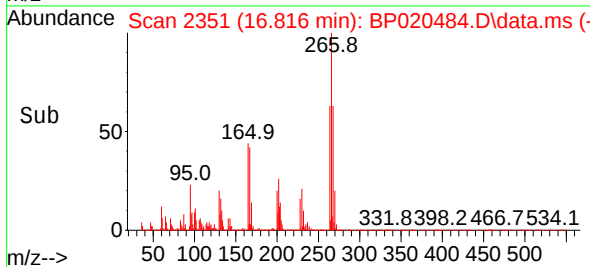
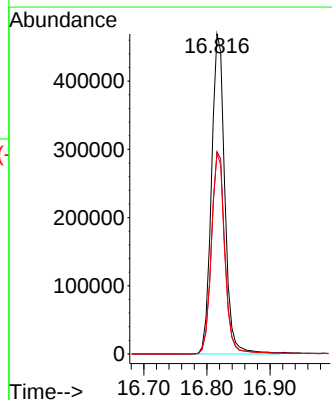
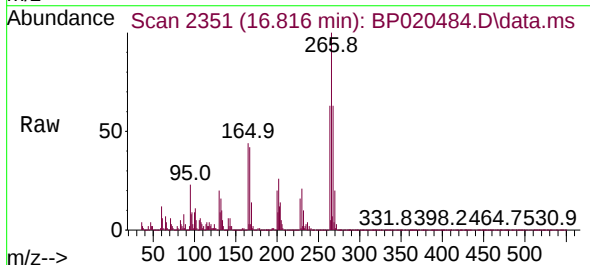
Instrument :
BNA_P
ClientSampleId :
PB160503BS

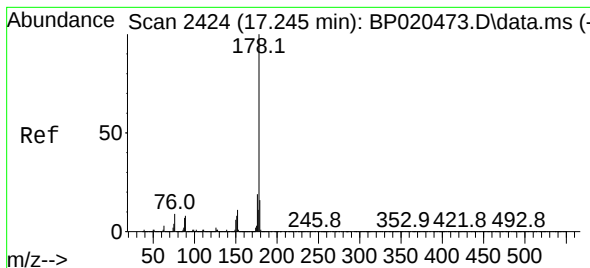
Tgt Ion:200 Resp: 475977
Ion Ratio Lower Upper
200 100
173 26.3 6.1 46.1
215 49.0 28.7 68.7



#70
Pentachlorophenol
Concen: 82.341 ng
RT: 16.816 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:266 Resp: 686894
Ion Ratio Lower Upper
266 100
268 63.2 50.1 75.1
264 62.7 50.6 76.0





#71

Phenanthrene

Concen: 44.203 ng

RT: 17.234 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

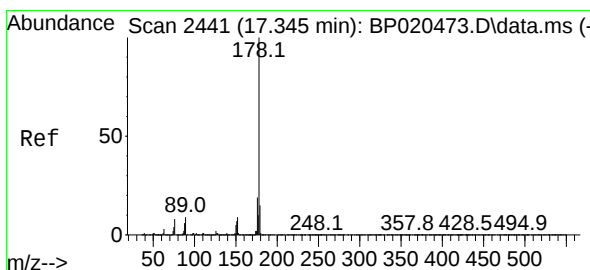
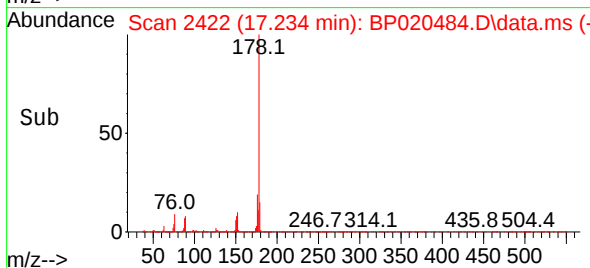
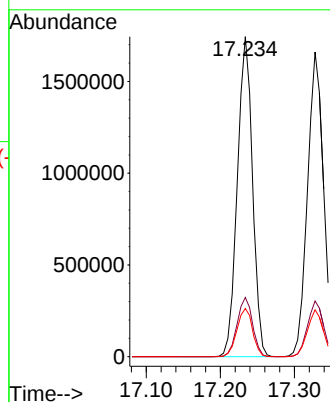
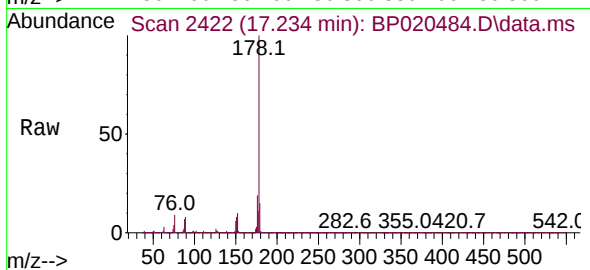
Tgt Ion:178 Resp: 2478764

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

179 15.0 12.5 18.7



#72

Anthracene

Concen: 45.419 ng

RT: 17.328 min Scan# 2438

Delta R.T. -0.017 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

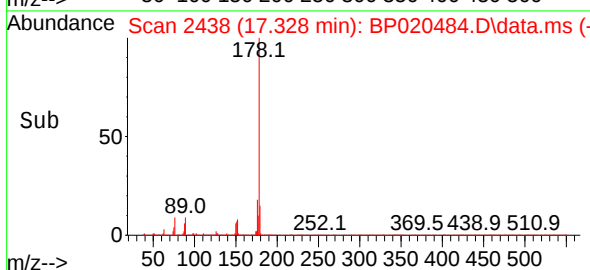
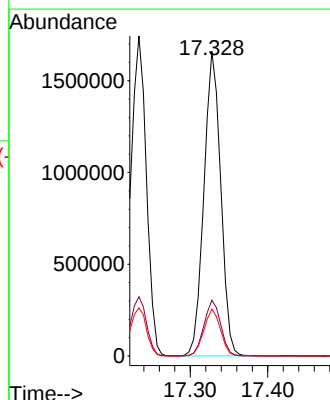
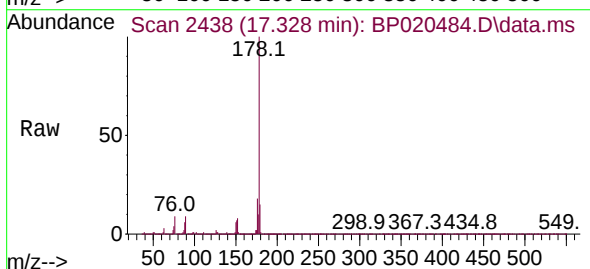
Tgt Ion:178 Resp: 2499191

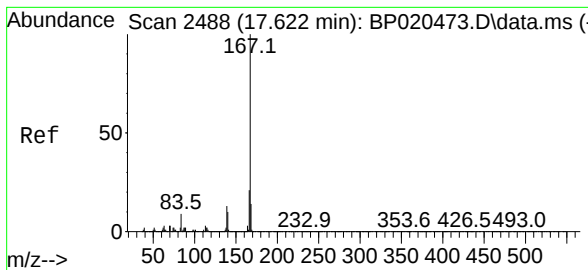
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 42.698 ng

RT: 17.610 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

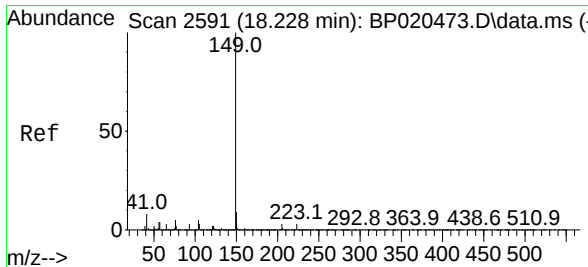
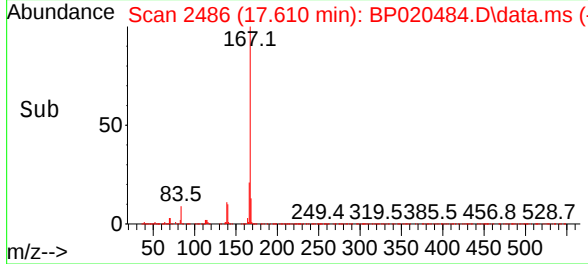
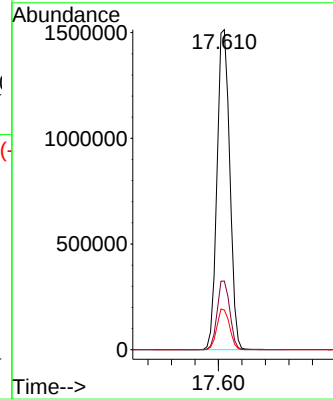
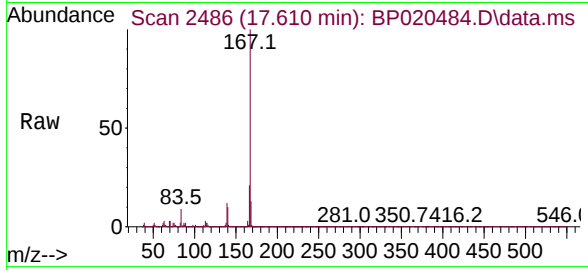
Tgt Ion:167 Resp: 2272610

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.4 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.584 ng

RT: 18.222 min Scan# 2590

Delta R.T. -0.006 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

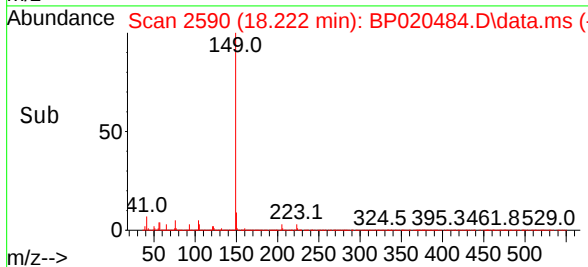
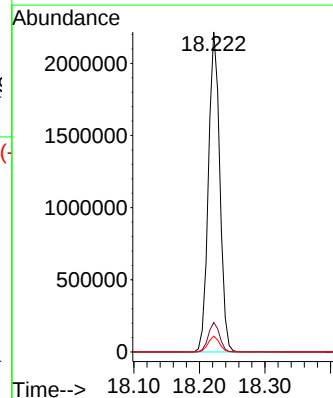
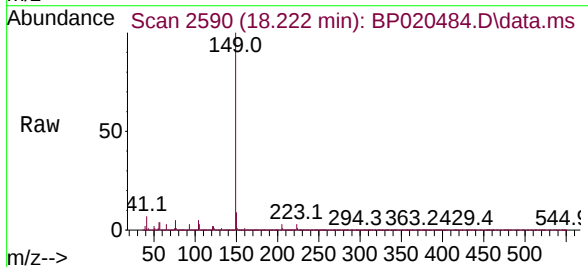
Tgt Ion:149 Resp: 2680303

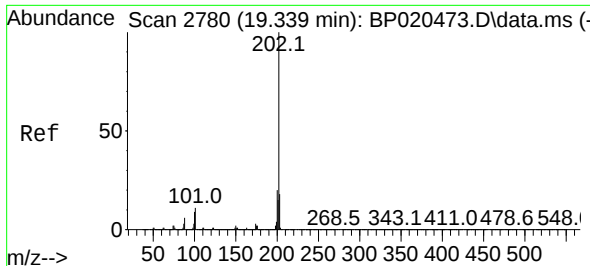
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.2 6.2

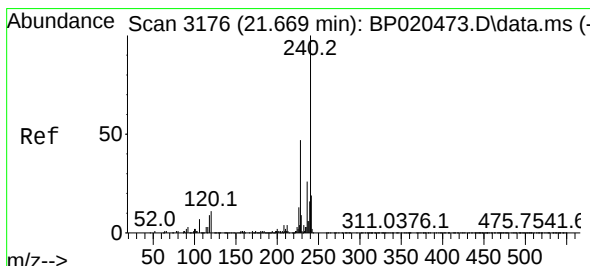
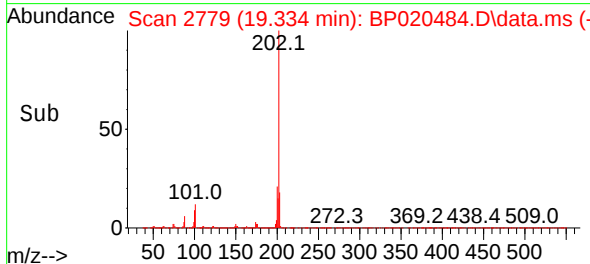
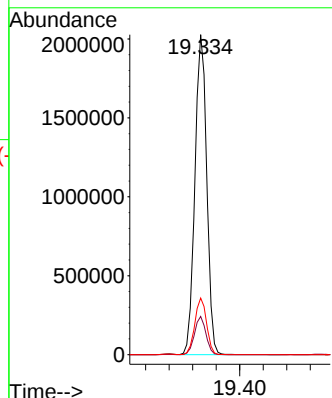
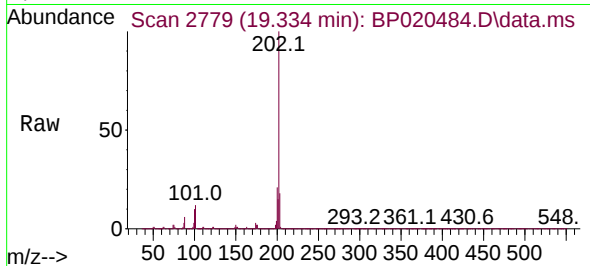




#75
Fluoranthene
Concen: 42.592 ng
RT: 19.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

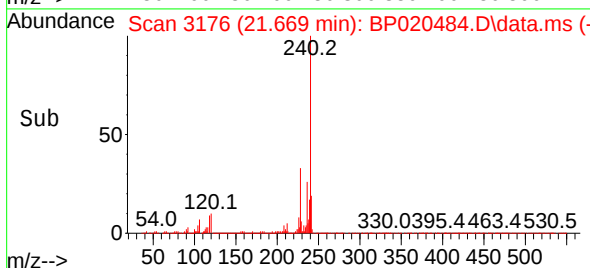
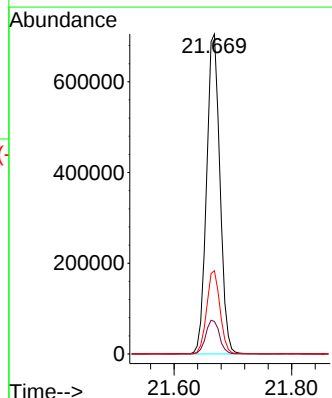
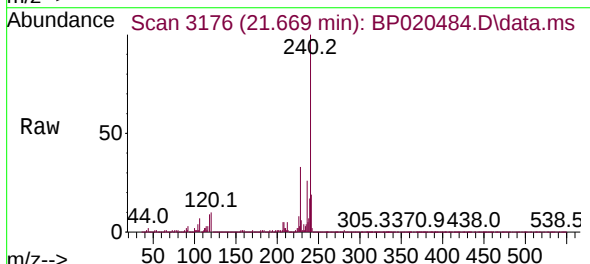
Instrument :
BNA_P
ClientSampleId :
PB160503BS

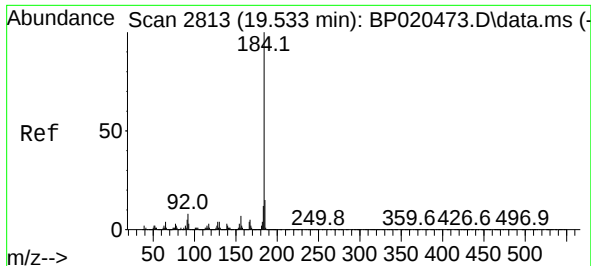
Tgt Ion:202 Resp: 2825611
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.669 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:240 Resp: 1111169
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 26.0 20.5 30.7

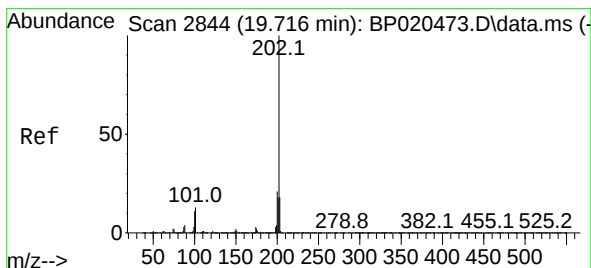
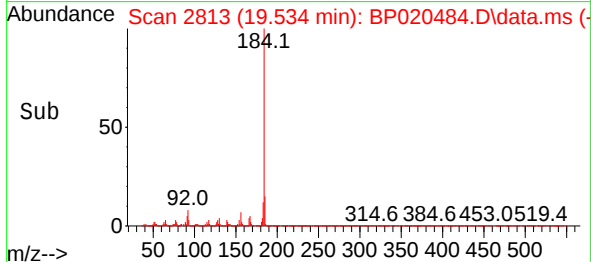
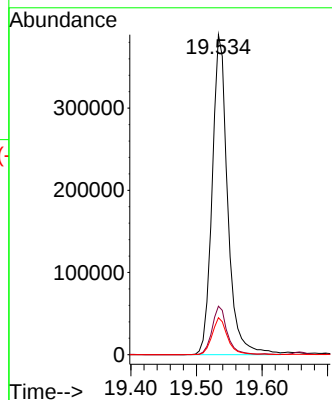
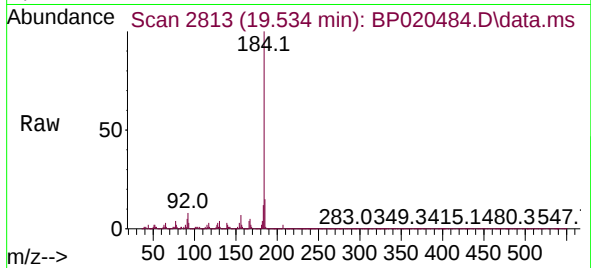




#77
Benzidine
Concen: 20.116 ng
RT: 19.534 min Scan# 2813
Delta R.T. 0.001 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

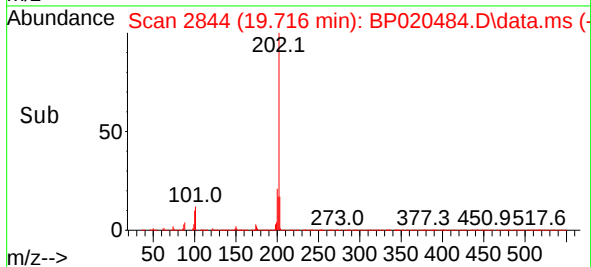
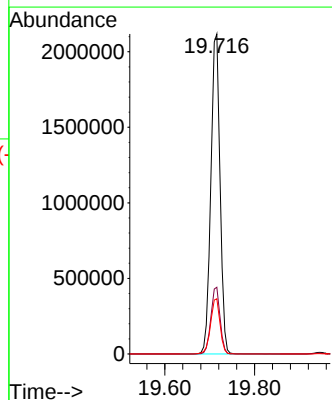
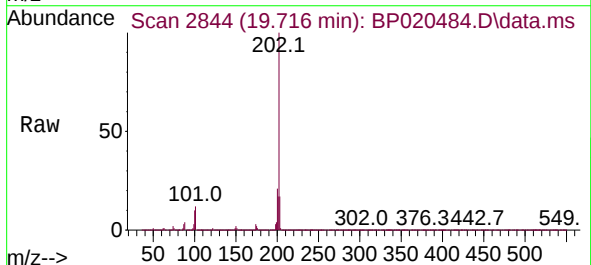
Instrument :
BNA_P
ClientSampleId :
PB160503BS

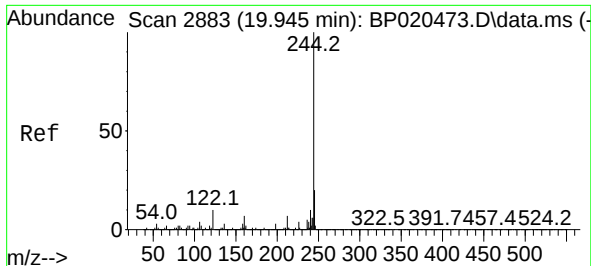
Tgt Ion:184 Resp: 638193
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 11.6 9.4 14.0



#78
Pyrene
Concen: 35.864 ng
RT: 19.716 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP020484.D
Acq: 30 May 2024 13:48

Tgt Ion:202 Resp: 2997518
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 70.432 ng

RT: 19.945 min Scan# 2883

Delta R.T. 0.000 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

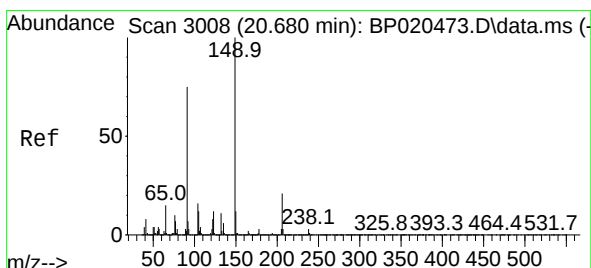
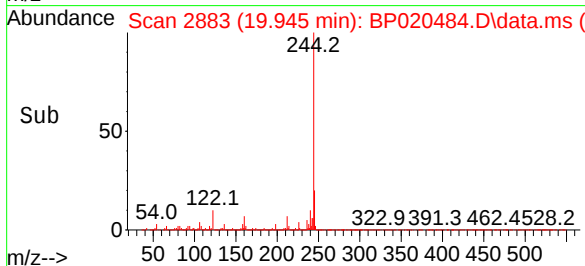
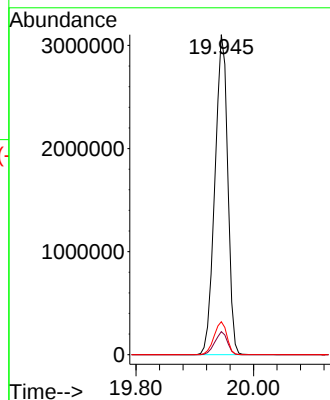
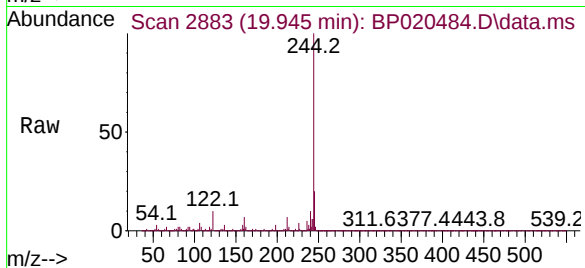
Tgt Ion:244 Resp: 4701201

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 35.940 ng

RT: 20.680 min Scan# 3008

Delta R.T. 0.000 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

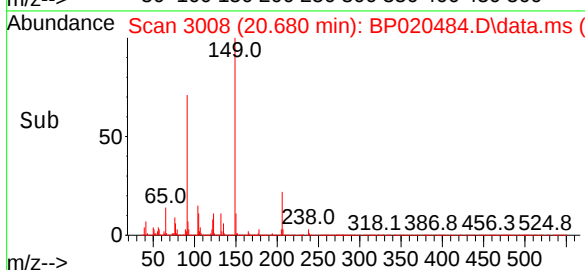
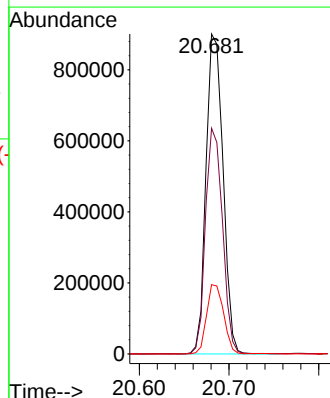
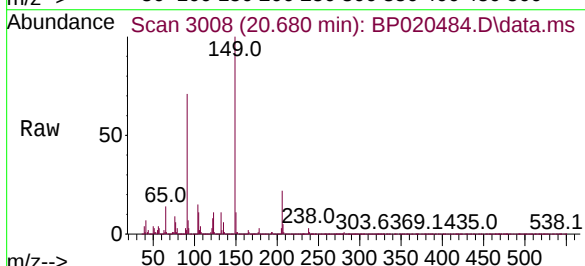
Tgt Ion:149 Resp: 1188077

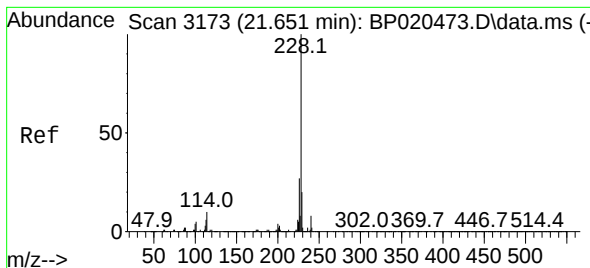
Ion Ratio Lower Upper

149 100

91 70.5 60.0 90.0

206 21.7 16.6 25.0





#81

Benzo(a)anthracene

Concen: 43.088 ng

RT: 21.645 min Scan# 3173

Delta R.T. -0.006 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

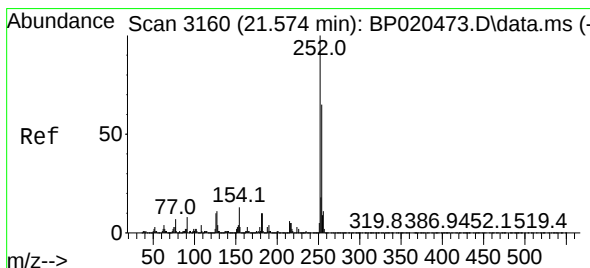
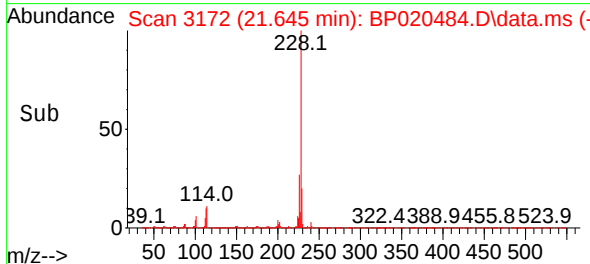
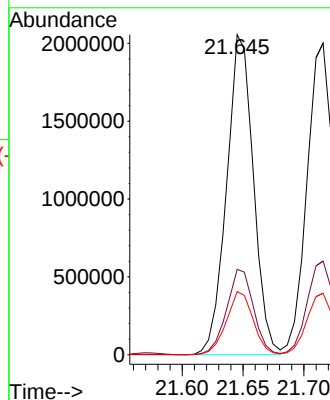
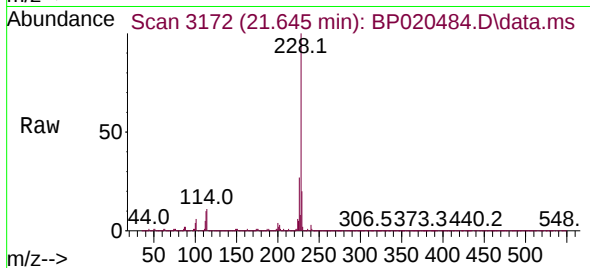
Tgt Ion:228 Resp: 3152514

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.749 ng

RT: 21.575 min Scan# 3160

Delta R.T. 0.001 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

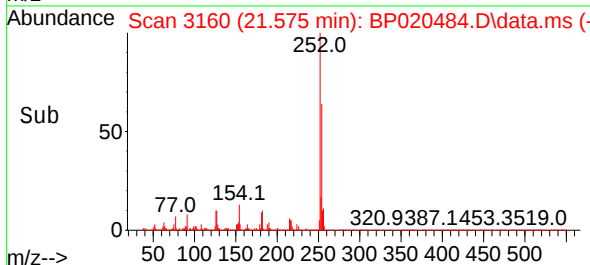
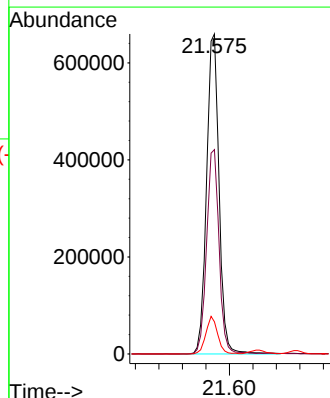
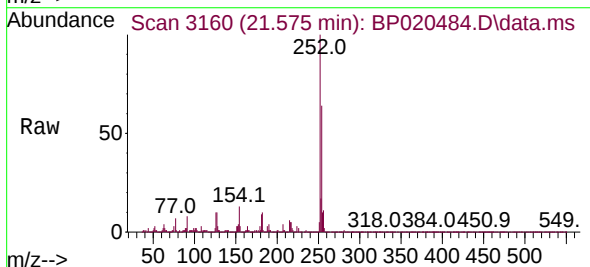
Tgt Ion:252 Resp: 973262

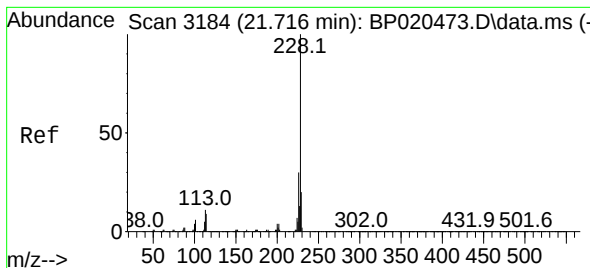
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 10.0 8.3 12.5





#83

Chrysene

Concen: 43.906 ng

RT: 21.716 min Scan# 3184

Delta R.T. 0.000 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

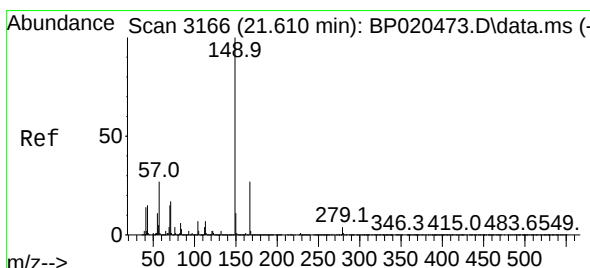
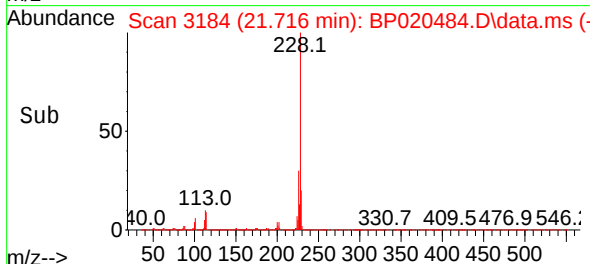
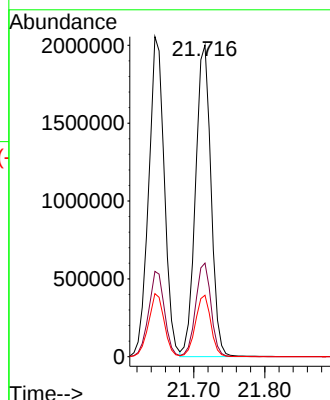
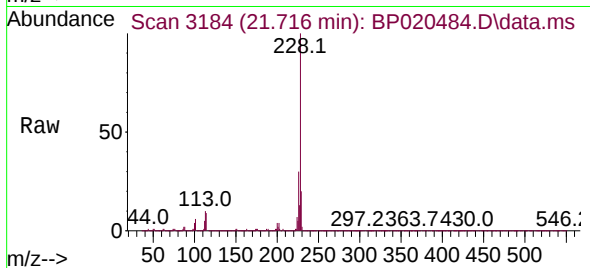
Tgt Ion:228 Resp: 3026955

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.584 ng

RT: 21.610 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

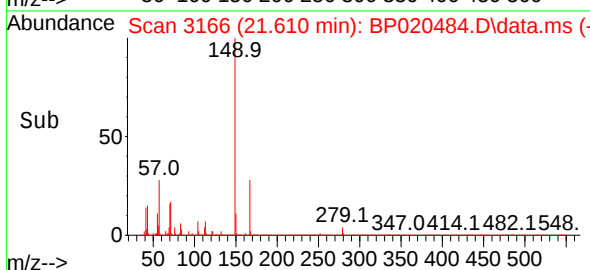
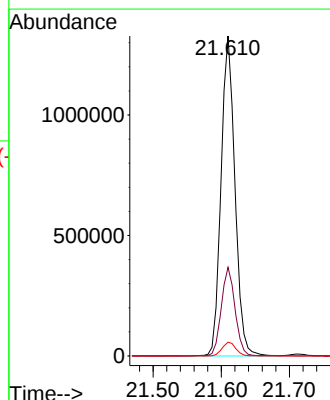
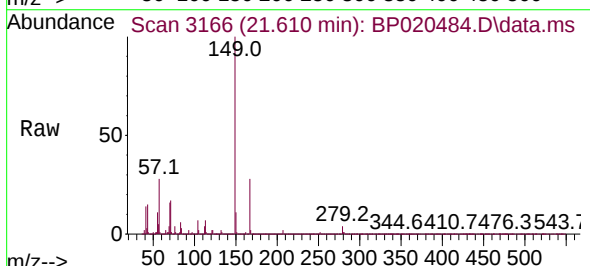
Tgt Ion:149 Resp: 1882910

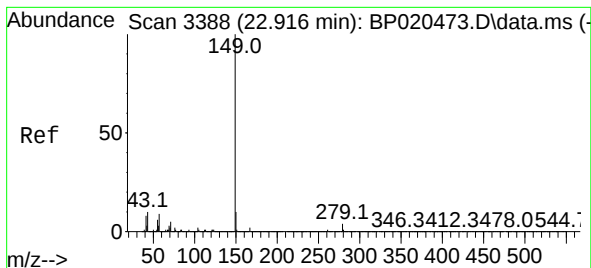
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 48.270 ng

RT: 22.916 min Scan# 3388

Delta R.T. -0.000 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

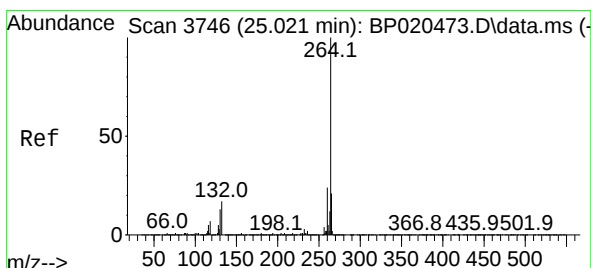
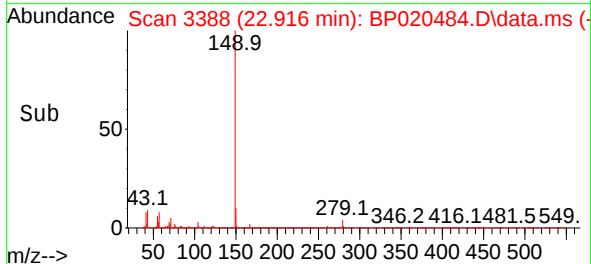
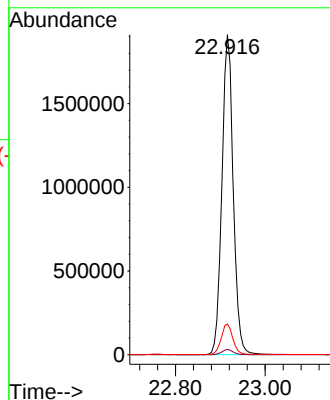
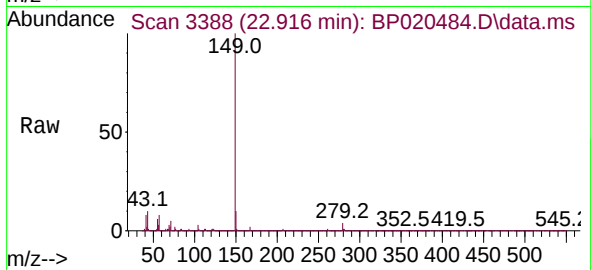
Tgt Ion:149 Resp: 3337233

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.027 min Scan# 3747

Delta R.T. 0.006 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

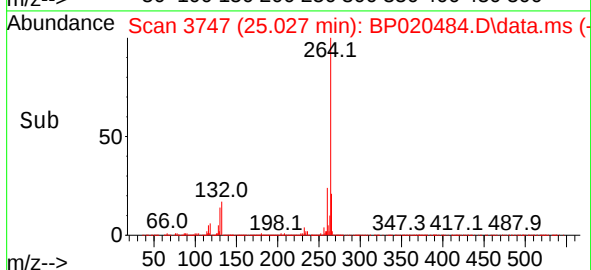
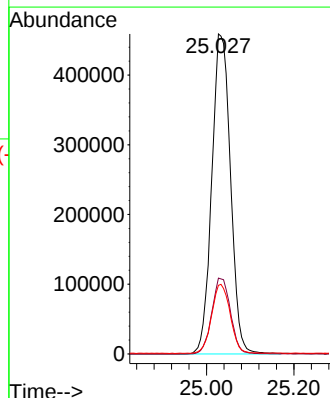
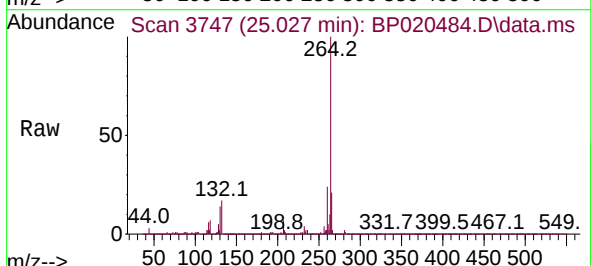
Tgt Ion:264 Resp: 1363474

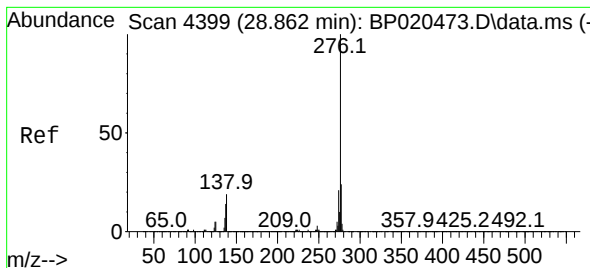
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.416 ng

RT: 28.862 min Scan# 4399

Delta R.T. 0.000 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

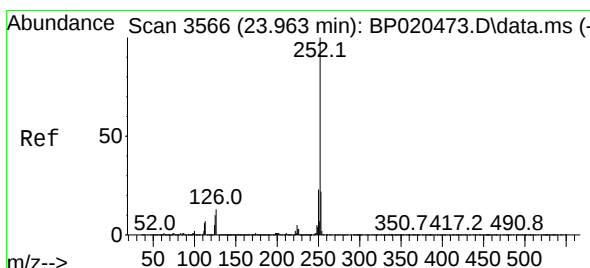
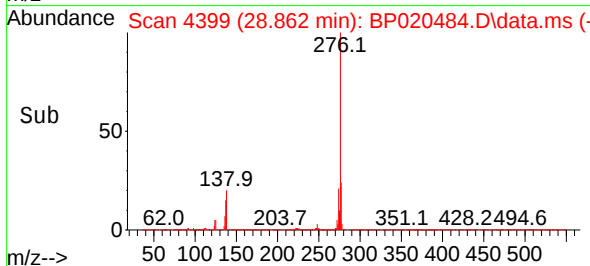
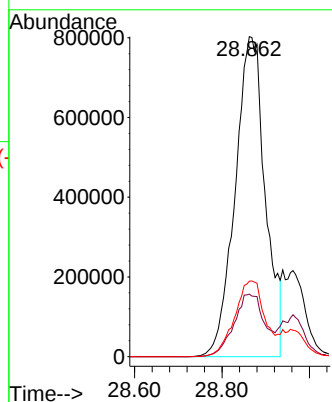
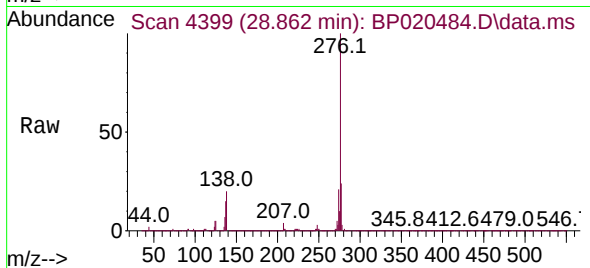
Tgt Ion:276 Resp: 3848475

Ion Ratio Lower Upper

276 100

138 19.9 12.8 19.2#

277 23.3 15.6 23.4



#88

Benzo(b)fluoranthene

Concen: 41.684 ng

RT: 23.969 min Scan# 3567

Delta R.T. 0.006 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

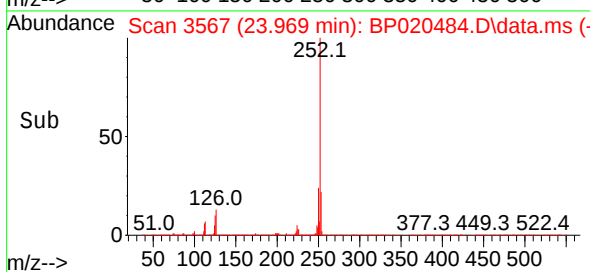
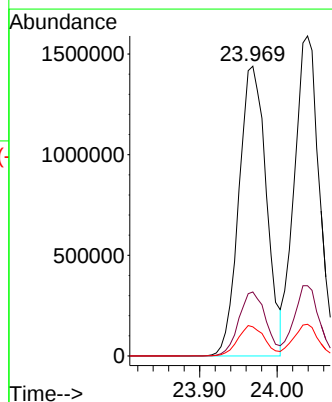
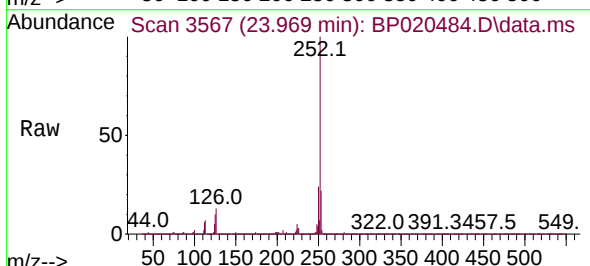
Tgt Ion:252 Resp: 3540731

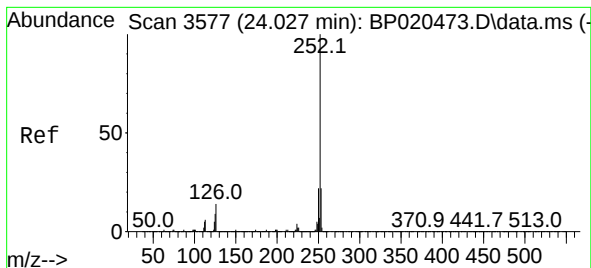
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.1 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.807 ng

RT: 24.039 min Scan# 3577

Delta R.T. 0.012 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

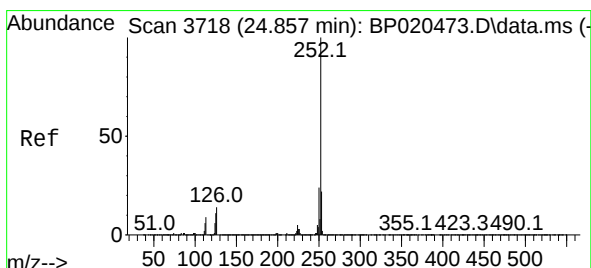
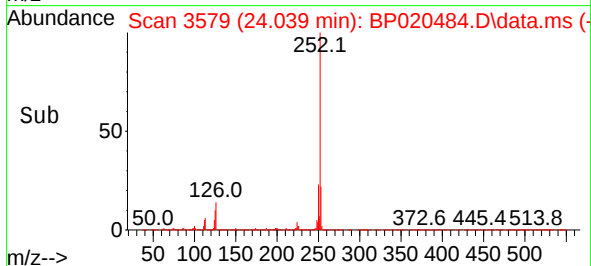
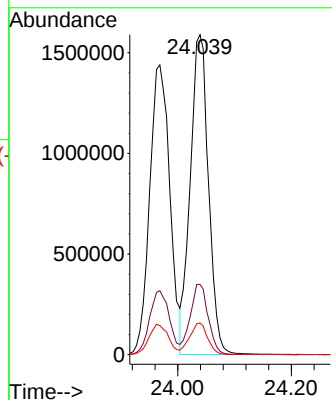
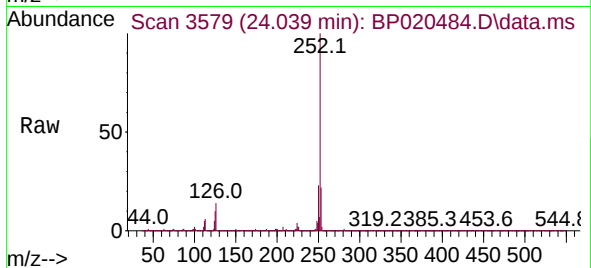
Tgt Ion:252 Resp: 3546385

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.9 7.8 11.6



#90

Benzo(a)pyrene

Concen: 48.324 ng

RT: 24.869 min Scan# 3720

Delta R.T. 0.012 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

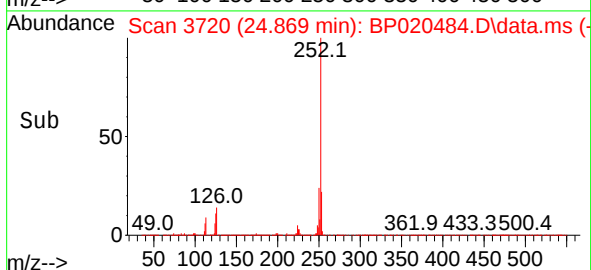
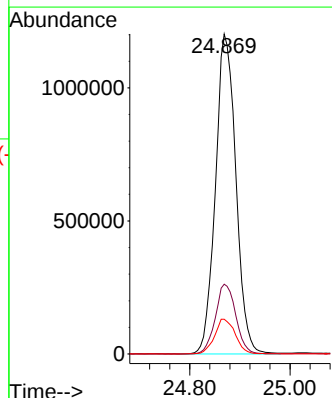
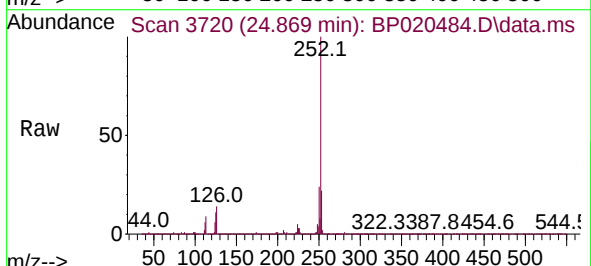
Tgt Ion:252 Resp: 3399475

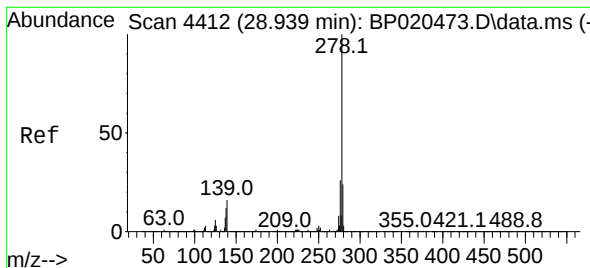
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 55.053 ng

RT: 28.962 min Scan# 4416

Delta R.T. 0.024 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Instrument :

BNA_P

ClientSampleId :

PB160503BS

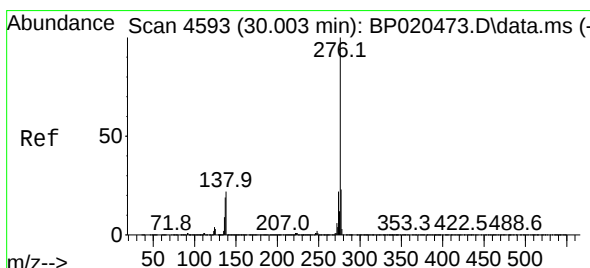
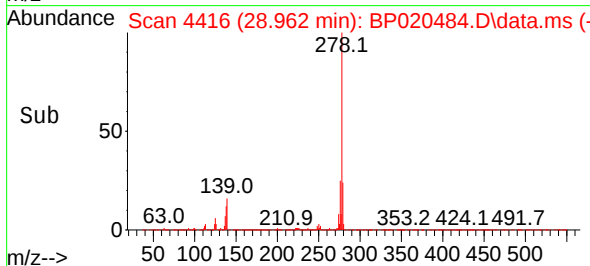
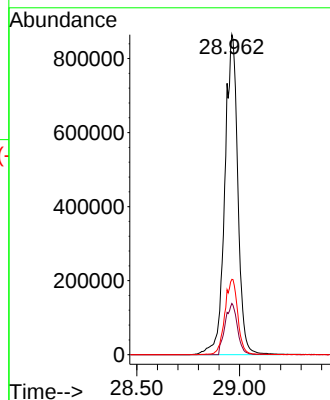
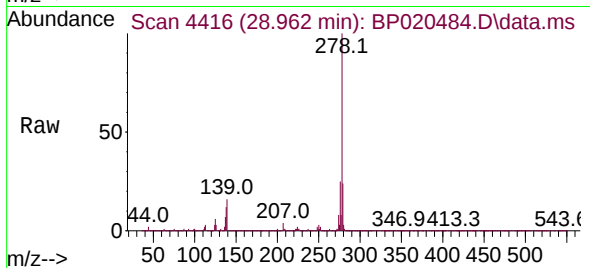
Tgt Ion:278 Resp: 3807235

Ion Ratio Lower Upper

278 100

139 16.0 13.0 19.4

279 23.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 52.737 ng

RT: 30.039 min Scan# 4599

Delta R.T. 0.035 min

Lab File: BP020484.D

Acq: 30 May 2024 13:48

Tgt Ion:276 Resp: 3645404

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 19.4 17.7 26.5

