

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021617.D
 Acq On : 22 Aug 2024 17:14
 Operator : RC/JU
 Sample : P3689-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1MSD

Quant Time: Aug 22 17:41:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	364612	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1499801	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1003444	20.000	ng	0.01
64) Phenanthrene-d10	17.263	188	2173460	20.000	ng	0.01
76) Chrysene-d12	21.716	240	2118408	20.000	ng	0.00
86) Perylene-d12	25.145	264	2549805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2577462	104.966	ng	0.00
7) Phenol-d6	6.969	99	3624095	101.174	ng	0.00
23) Nitrobenzene-d5	8.946	82	2043309	70.320	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1275770	114.235	ng	0.01
45) 2-Fluorobiphenyl	13.063	172	3356140	51.044	ng	0.01
79) Terphenyl-d14	19.986	244	5213806	47.814	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	383638	32.950	ng	98
3) Pyridine	3.711	79	1043268	32.098	ng	94
4) n-Nitrosodimethylamine	3.617	42	374801	38.364	ng	90
6) Aniline	7.128	93	1342183	37.480	ng	97
8) 2-Chlorophenol	7.369	128	1066996	47.021	ng	94
9) Benzaldehyde	6.940	77	539752	23.534	ng	96
10) Phenol	6.999	94	1637461	44.145	ng	96
11) bis(2-Chloroethyl)ether	7.222	93	1166310	37.159	ng	96
12) 1,3-Dichlorobenzene	7.693	146	1049988	38.954	ng	97
13) 1,4-Dichlorobenzene	7.840	146	1075614	39.519	ng	97
14) 1,2-Dichlorobenzene	8.152	146	1034070	39.425	ng	99
15) Benzyl Alcohol	8.034	79	1111206	43.235	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1106062	38.266	ng	96
17) 2-Methylphenol	8.240	107	1049192	44.742	ng	97
18) Hexachloroethane	8.887	117	434162	39.779	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	840792	33.980	ng	96
20) 3+4-Methylphenols	8.563	107	1467750	46.419	ng	98
22) Acetophenone	8.616	105	1770935	38.435	ng	# 98
24) Nitrobenzene	8.987	77	1293774	40.995	ng	95
25) Isophorone	9.522	82	2510231	36.568	ng	97
26) 2-Nitrophenol	9.699	139	527043	59.172	ng	95
27) 2,4-Dimethylphenol	9.763	122	921784	54.411	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	1570138	37.471	ng	99
29) 2,4-Dichlorophenol	10.234	162	1014586	50.688	ng	98
30) 1,2,4-Trichlorobenzene	10.452	180	990965	38.616	ng	97
31) Naphthalene	10.640	128	3181835	40.611	ng	100
32) Benzoic acid	9.905	122	794683	63.284	ng	91
33) 4-Chloroaniline	10.740	127	814669	27.681	ng	97
34) Hexachlorobutadiene	10.928	225	611185	37.826	ng	98
35) Caprolactam	11.516	113	398520	47.833	ng	93
36) 4-Chloro-3-methylphenol	11.869	107	1314229	47.332	ng	97
37) 2-Methylnaphthalene	12.257	142	2207725	41.286	ng	100
38) 1-Methylnaphthalene	12.475	142	2061717	39.093	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1175564	39.984	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1160377	124.527	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	830047	50.824	ng	99

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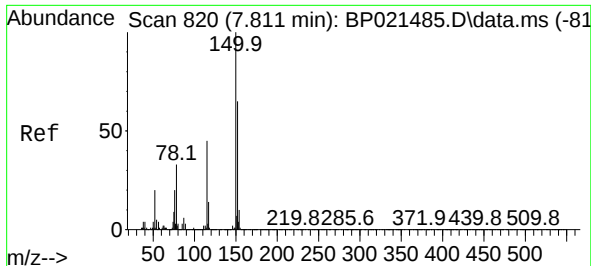
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	909399	50.117	ng	96
46) 1,1'-Biphenyl	13.269	154	2853589	40.194	ng	98
47) 2-Chloronaphthalene	13.316	162	2217687	40.123	ng	99
48) 2-Nitroaniline	13.504	65	769041	49.468	ng #	86
49) Acenaphthylene	14.169	152	3613244	44.470	ng	99
50) Dimethylphthalate	13.904	163	2809244	41.805	ng	99
51) 2,6-Dinitrotoluene	14.016	165	624190	46.203	ng	94
52) Acenaphthene	14.516	154	2179892	40.889	ng	100
53) 3-Nitroaniline	14.351	138	501464	38.483	ng #	89
54) 2,4-Dinitrophenol	14.557	184	619859	109.547	ng #	88
55) Dibenzofuran	14.857	168	3419343	41.693	ng	99
56) 4-Nitrophenol	14.669	139	1227925	108.261	ng	89
57) 2,4-Dinitrotoluene	14.822	165	880850	50.761	ng #	83
58) Fluorene	15.522	166	2712320	40.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.093	232	805859	52.323	ng	97
60) Diethylphthalate	15.293	149	2848961	41.319	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1341569	38.521	ng	98
62) 4-Nitroaniline	15.534	138	648616	47.385	ng	97
63) Azobenzene	15.822	77	3147181	37.132	ng	96
65) 4,6-Dinitro-2-methylph...	15.598	198	425875	59.783	ng	92
66) n-Nitrosodiphenylamine	15.734	169	2437233	41.844	ng	100
67) 4-Bromophenyl-phenylether	16.440	248	911996	39.647	ng	99
68) Hexachlorobenzene	16.557	284	1080240	39.738	ng	98
69) Atrazine	16.722	200	916490	45.830	ng	99
70) Pentachlorophenol	16.904	266	1477962	99.612	ng	99
71) Phenanthrene	17.304	178	4485609	42.914	ng	100
72) Anthracene	17.398	178	4612571	44.996	ng	100
73) Carbazole	17.675	167	4247243	42.992	ng	99
74) Di-n-butylphthalate	18.275	149	5118439	42.187	ng	100
75) Fluoranthene	19.392	202	5461102	42.581	ng	99
77) Benzidine	19.586	184	3659555	91.170	ng	100
78) Pyrene	19.763	202	5695014	41.130	ng	100
80) Butylbenzylphthalate	20.716	149	2399789	45.841	ng	91
81) Benzo(a)anthracene	21.698	228	5551087	41.742	ng	100
82) 3,3'-Dichlorobenzidine	21.616	252	1885033	44.210	ng	99
83) Chrysene	21.769	228	5279683	42.050	ng	100
84) Bis(2-ethylhexyl)phtha...	21.651	149	3495203	44.469	ng	99
85) Di-n-octyl phthalate	22.969	149	6103776	44.590	ng	97
87) Indeno(1,2,3-cd)pyrene	29.057	276	6119961	37.027	ng	94
88) Benzo(b)fluoranthene	24.074	252	5681405	38.797	ng	99
89) Benzo(k)fluoranthene	24.145	252	5685499	39.799	ng	100
90) Benzo(a)pyrene	24.992	252	5551628	43.685	ng	98
91) Dibenzo(a,h)anthracene	29.157	278	5664144	41.245	ng	99
92) Benzo(g,h,i)perylene	30.268	276	5370976	39.021	ng	99

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

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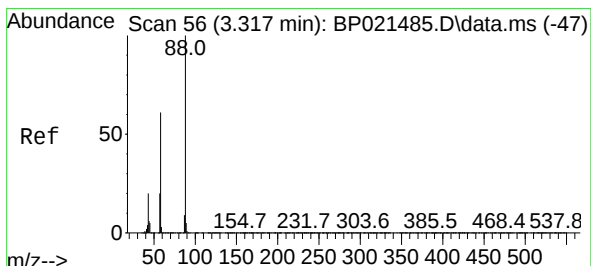
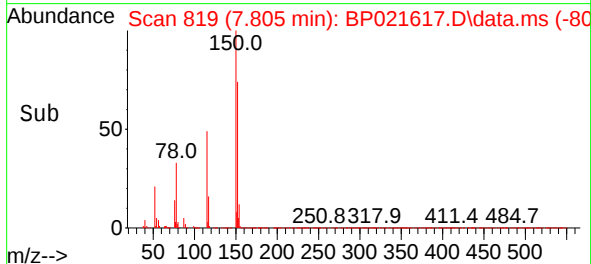
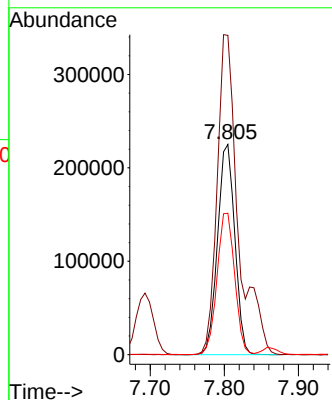
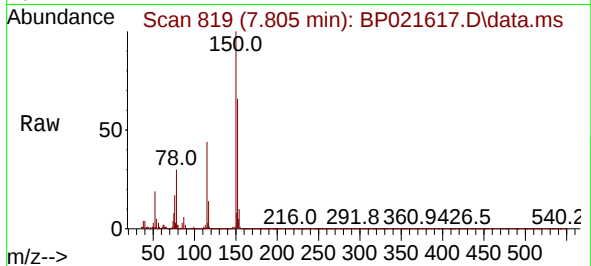




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021617.D
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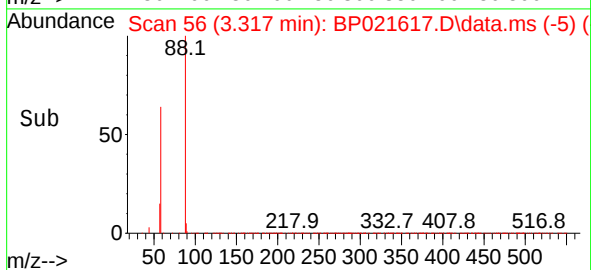
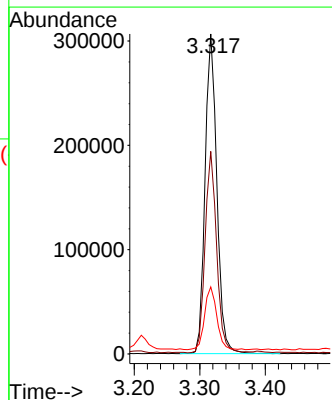
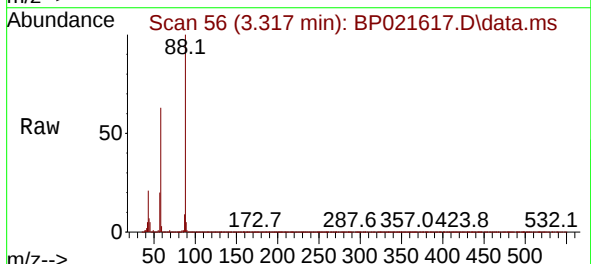
Instrument :
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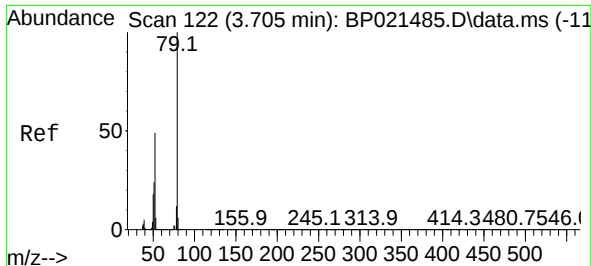
Tgt Ion:152 Resp: 364612
Ion Ratio Lower Upper
152 100
150 151.9 122.4 183.6
115 67.3 54.7 82.1



#2
1,4-Dioxane
Concen: 32.950 ng
RT: 3.317 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 88 Resp: 383638
Ion Ratio Lower Upper
88 100
58 62.0 48.7 73.1
43 20.4 15.4 23.2

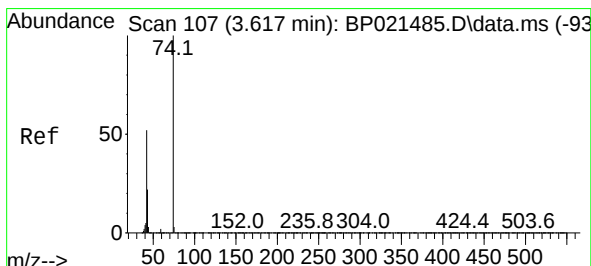
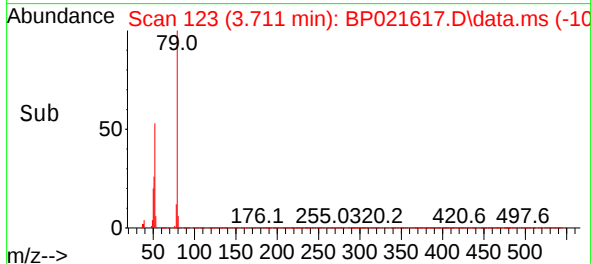
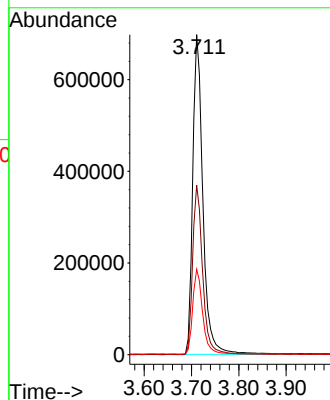
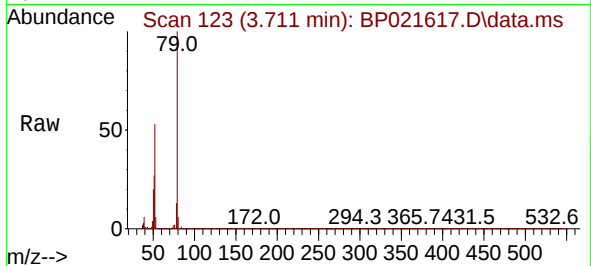




#3
Pyridine
Concen: 32.098 ng
RT: 3.711 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

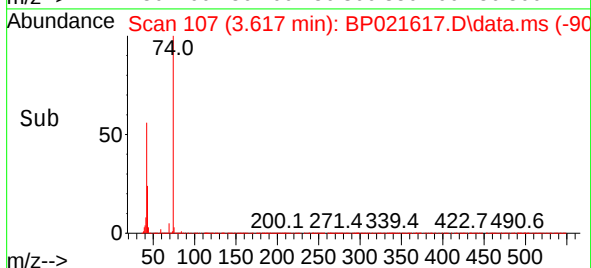
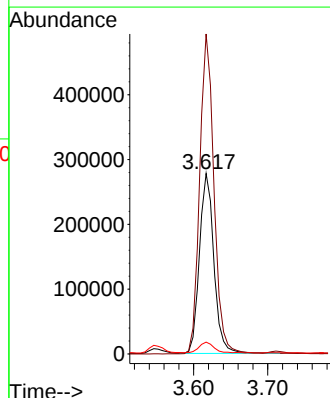
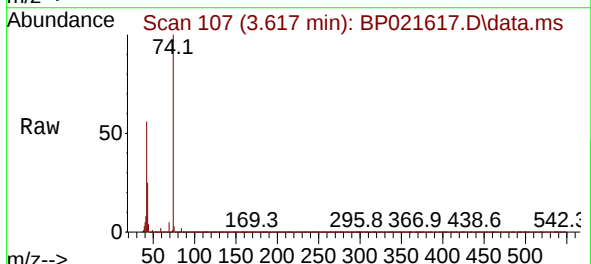
Instrument :
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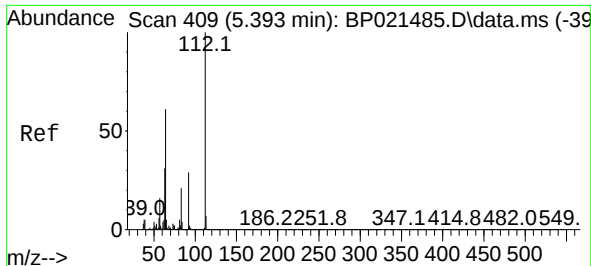
Tgt Ion: 79 Resp: 1043268
Ion Ratio Lower Upper
79 100
52 53.0 39.0 58.6
51 26.7 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 38.364 ng
RT: 3.617 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 42 Resp: 374801
Ion Ratio Lower Upper
42 100
74 177.3 154.3 231.5
44 6.6 6.2 9.4

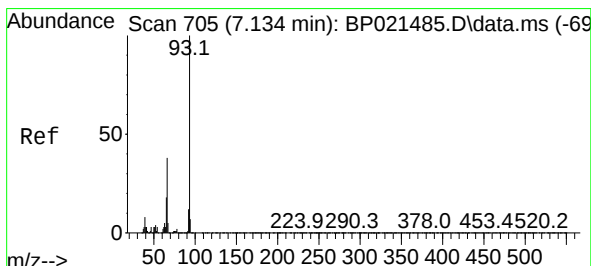
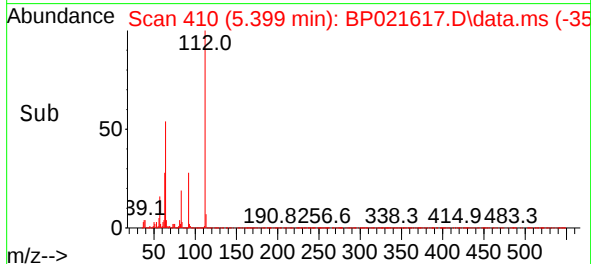
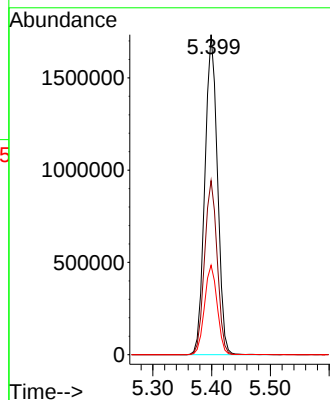
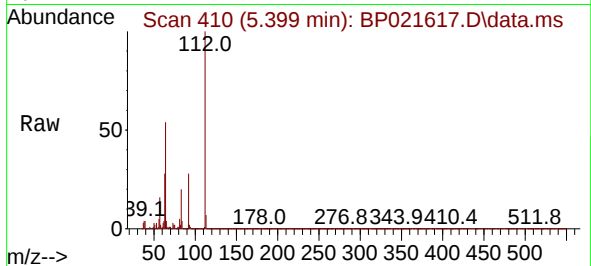




#5
2-Fluorophenol
Concen: 104.966 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

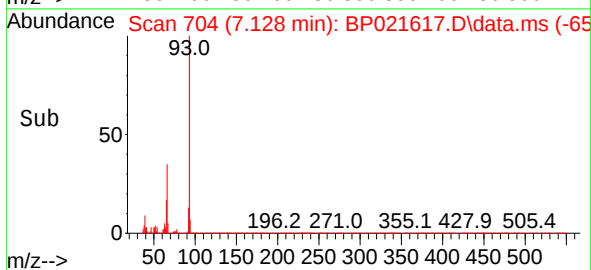
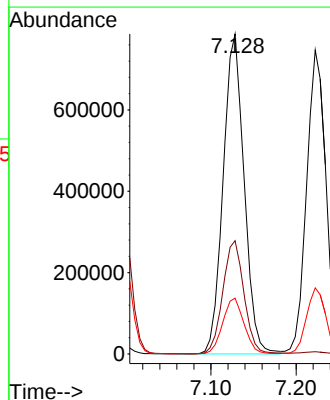
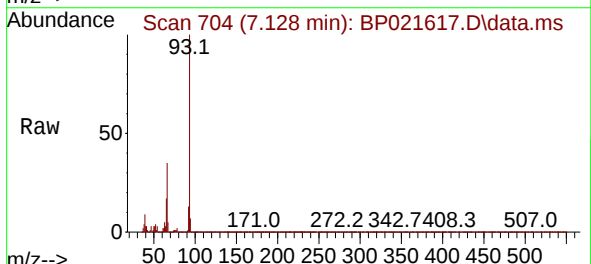
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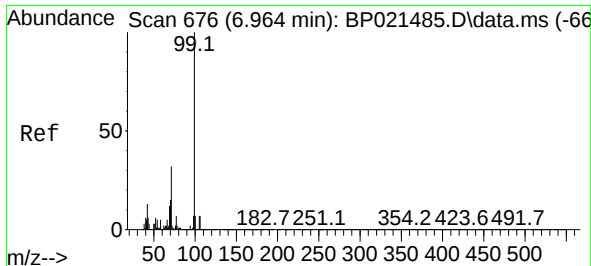
Tgt Ion:112 Resp: 2577462
Ion Ratio Lower Upper
112 100
64 54.4 49.0 73.6
63 27.9 24.6 36.8



#6
Aniline
Concen: 37.480 ng
RT: 7.128 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 93 Resp: 1342183
Ion Ratio Lower Upper
93 100
66 35.4 30.2 45.2
65 17.4 14.7 22.1

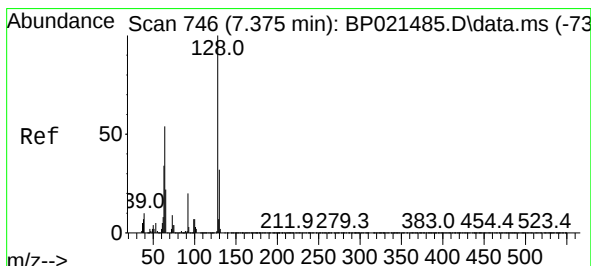
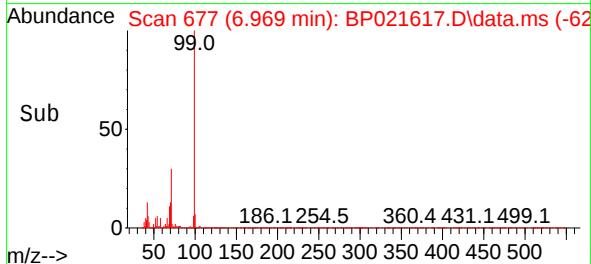
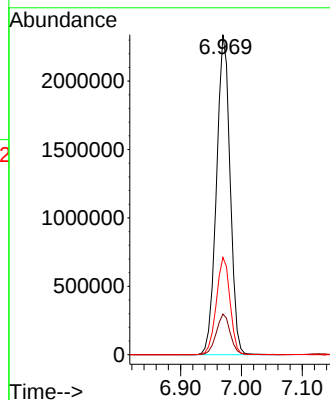
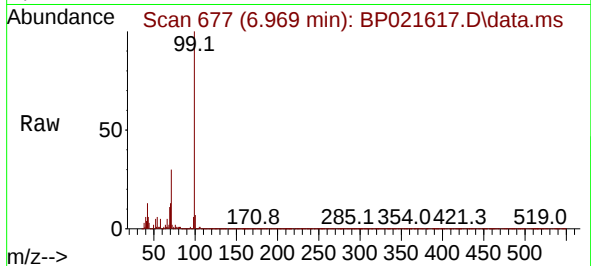




#7
Phenol-d6
Concen: 101.174 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

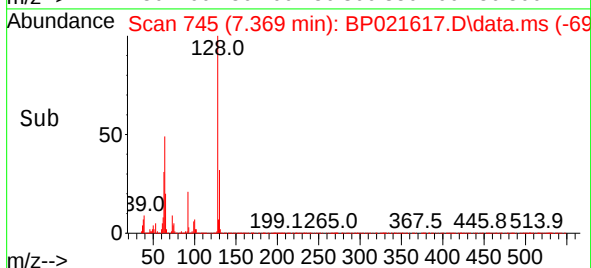
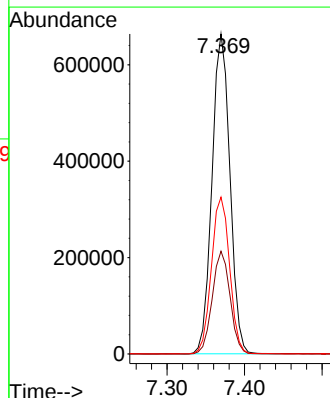
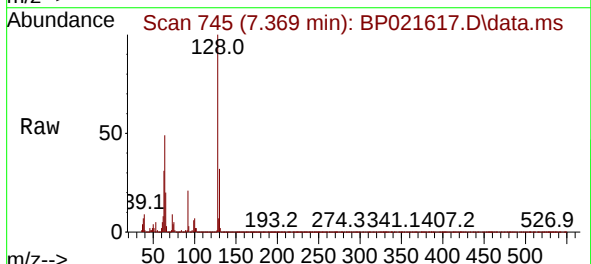
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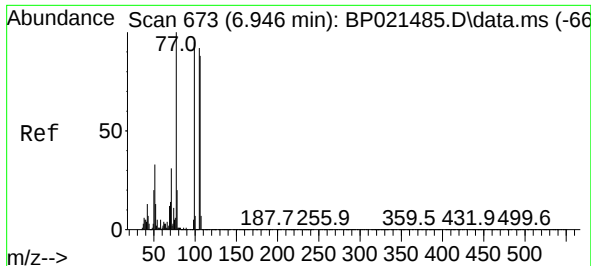
Tgt Ion: 99 Resp: 3624095
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 30.4 25.8 38.8



#8
2-Chlorophenol
Concen: 47.021 ng
RT: 7.369 min Scan# 745
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:128 Resp: 1066996
Ion Ratio Lower Upper
128 100
130 32.1 11.6 51.6
64 49.0 35.3 75.3

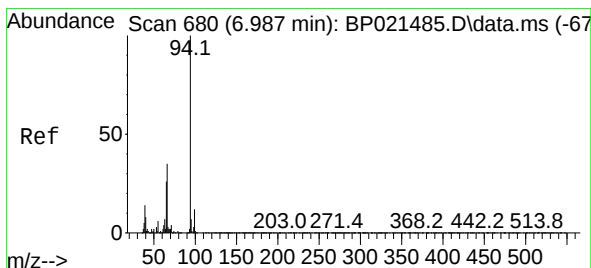
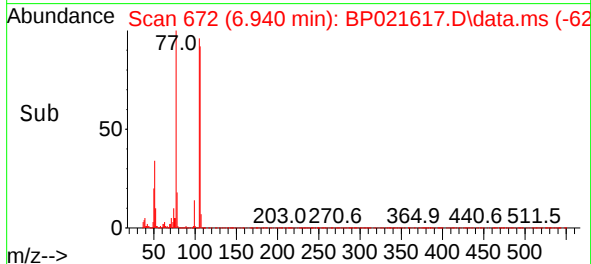
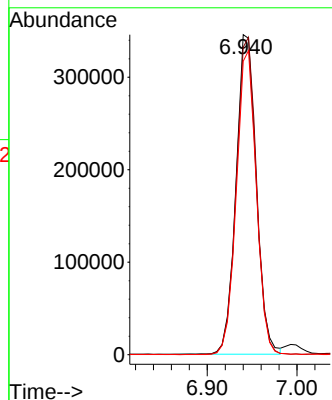
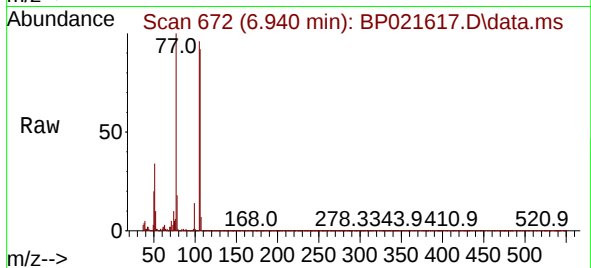




#9
Benzaldehyde
Concen: 23.534 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

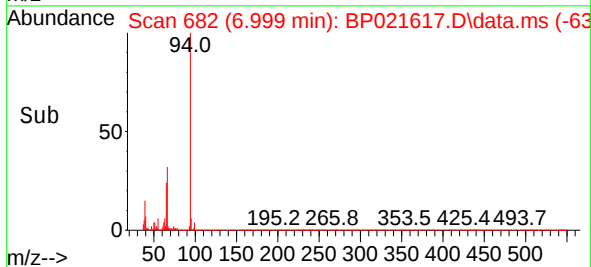
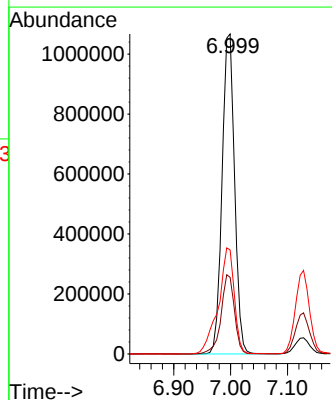
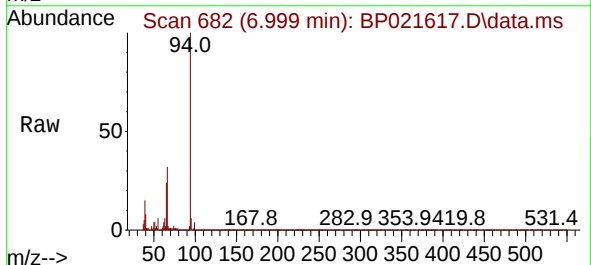
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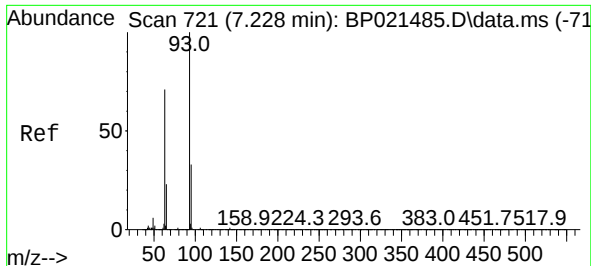
Tgt Ion: 77 Resp: 539752
Ion Ratio Lower Upper
77 100
105 96.1 72.1 112.1
106 91.7 67.9 107.9



#10
Phenol
Concen: 44.145 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 94 Resp: 1637461
Ion Ratio Lower Upper
94 100
65 24.0 6.5 46.5
66 32.5 14.7 54.7

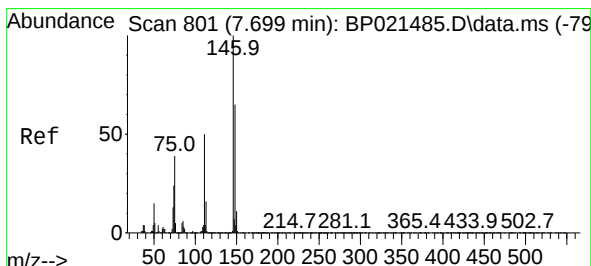
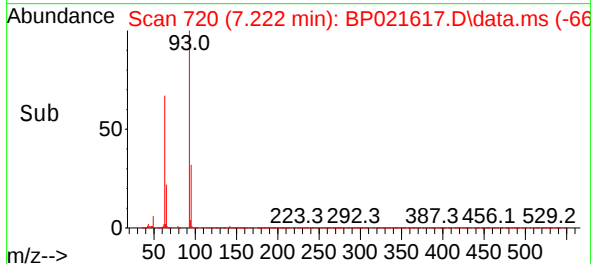
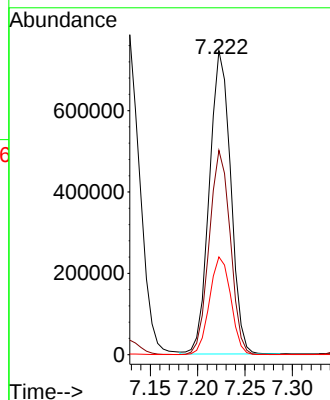
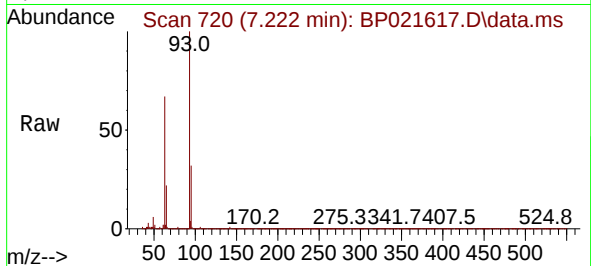




#11
bis(2-Chloroethyl)ether
Concen: 37.159 ng
RT: 7.222 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

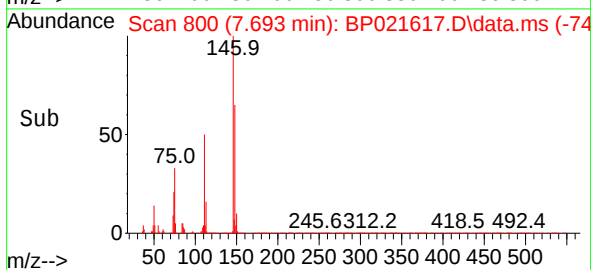
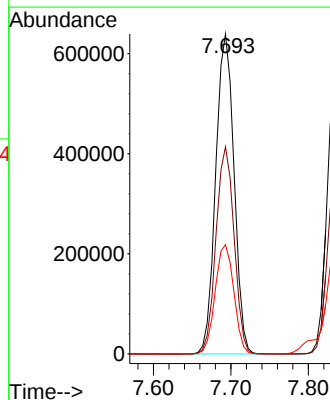
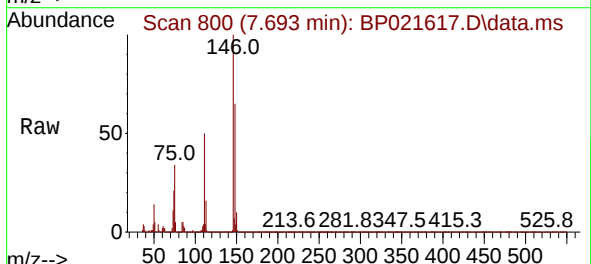
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

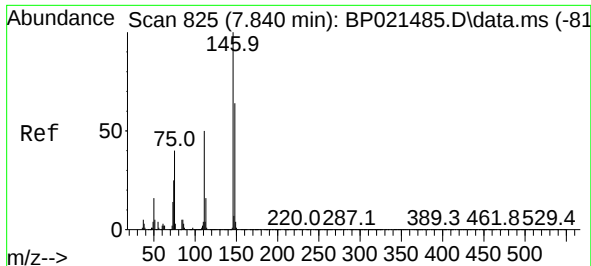
Tgt Ion: 93 Resp: 1166310
Ion Ratio Lower Upper
93 100
63 67.2 51.0 91.0
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.954 ng
RT: 7.693 min Scan# 800
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:146 Resp: 1049988
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 34.2 31.3 46.9

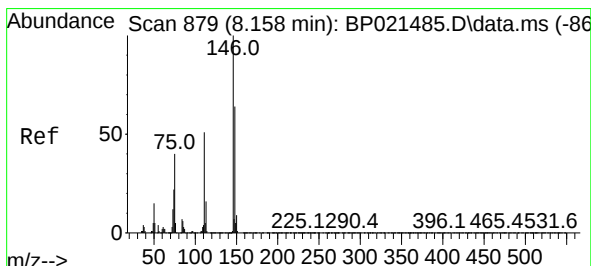
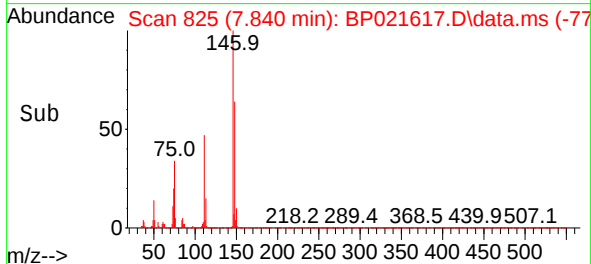
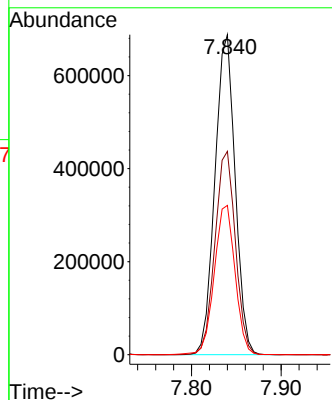
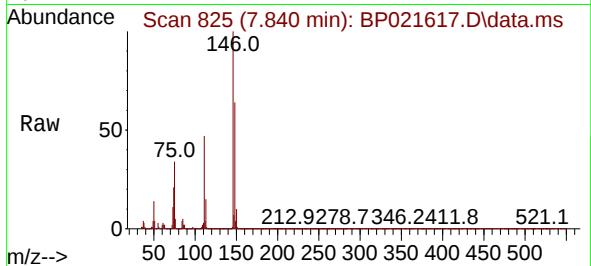




#13
1,4-Dichlorobenzene
Concen: 39.519 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

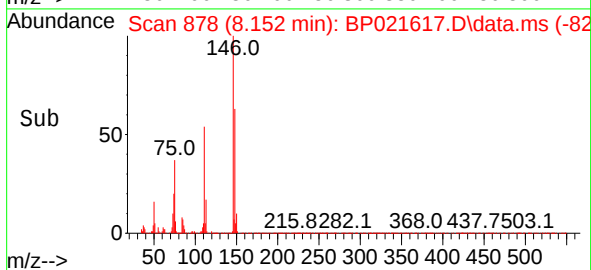
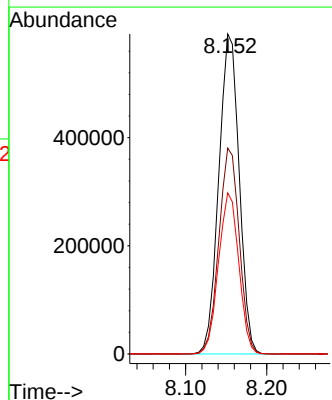
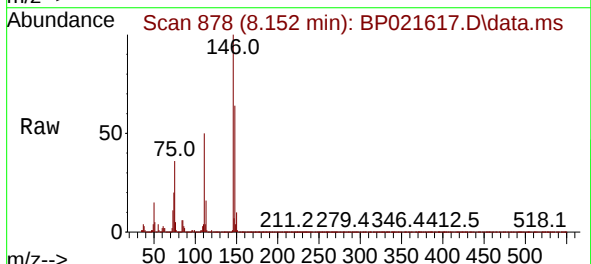
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

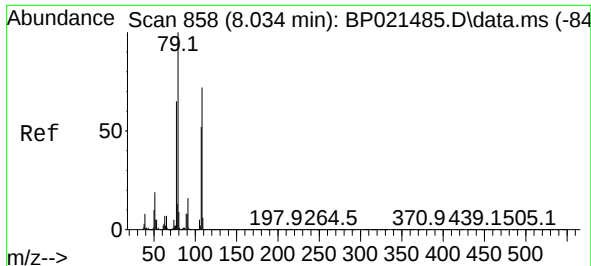
Tgt Ion:146 Resp: 1075614
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
111 46.7 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 39.425 ng
RT: 8.152 min Scan# 878
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:146 Resp: 1034070
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 50.4 41.1 61.7

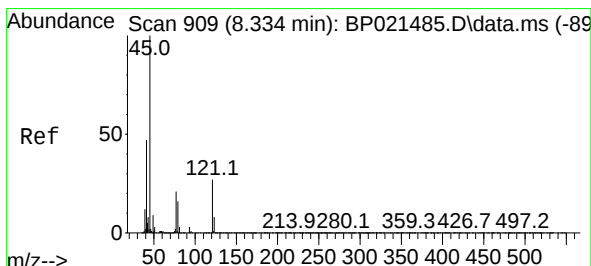
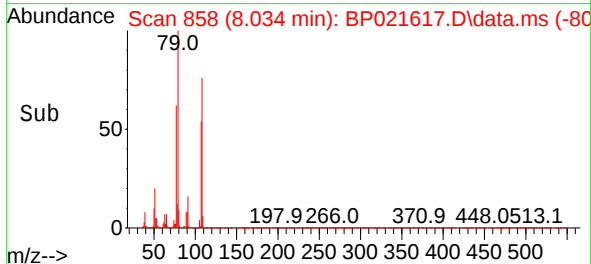
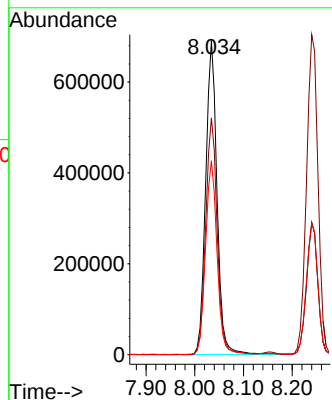
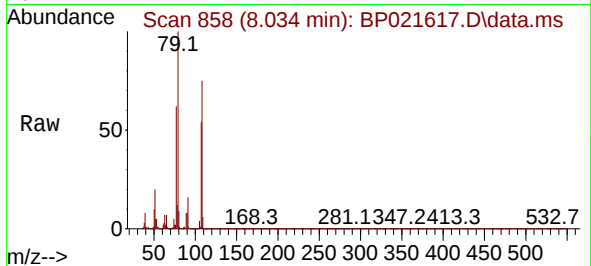




#15
Benzyl Alcohol
Concen: 43.235 ng
RT: 8.034 min Scan# 858
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

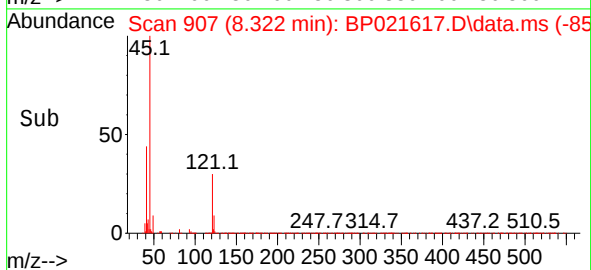
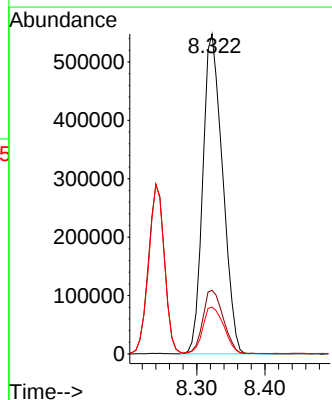
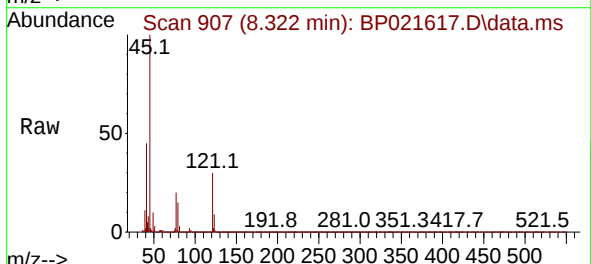
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

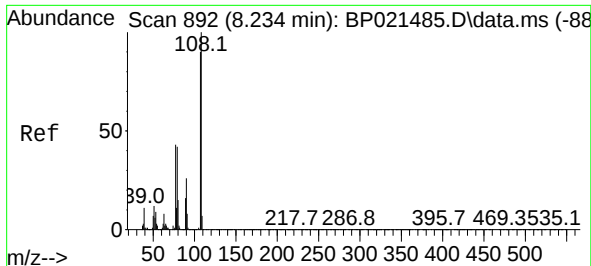
Tgt Ion: 79 Resp: 1111206
Ion Ratio Lower Upper
79 100
108 75.5 57.9 86.9
77 61.8 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.266 ng
RT: 8.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 45 Resp: 1106062
Ion Ratio Lower Upper
45 100
77 19.9 1.9 41.9
79 14.6 0.0 36.6

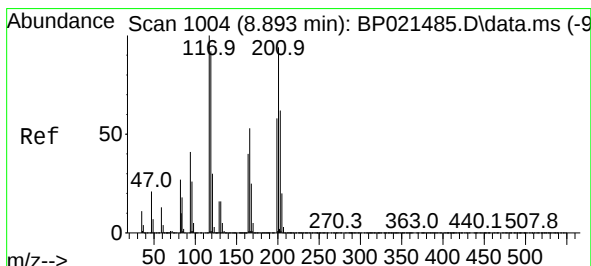
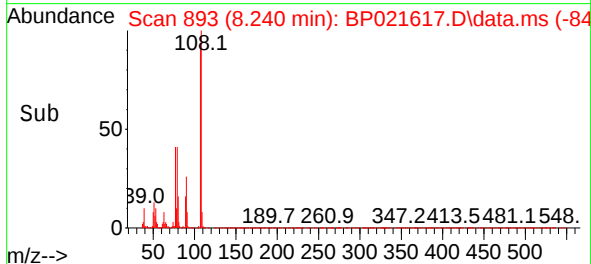
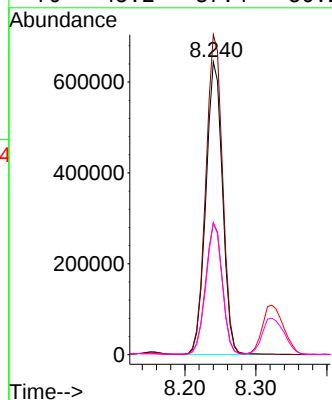
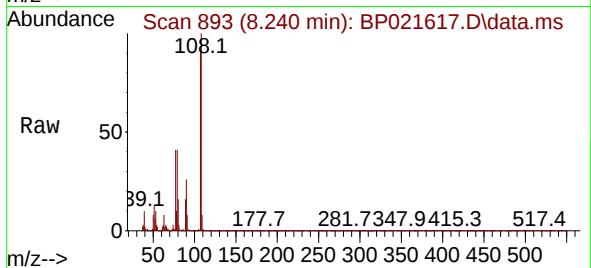




#17
2-Methylphenol
Concen: 44.742 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

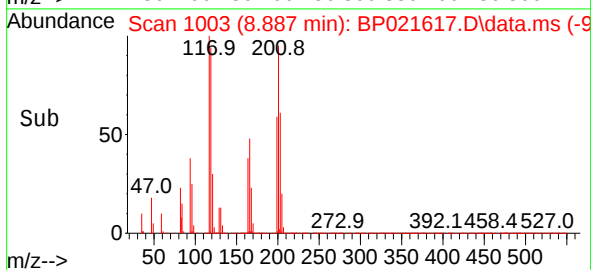
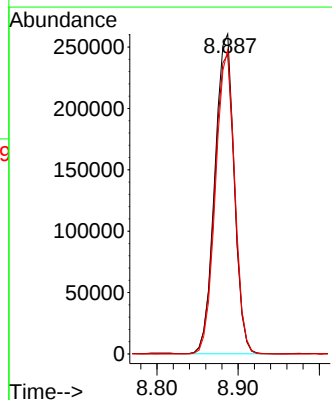
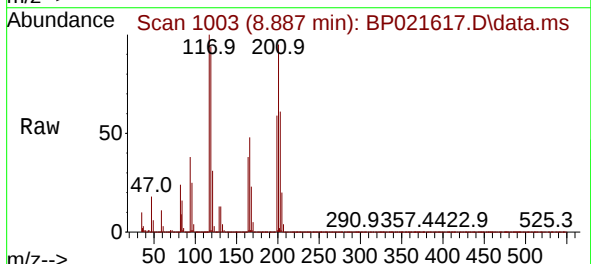
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

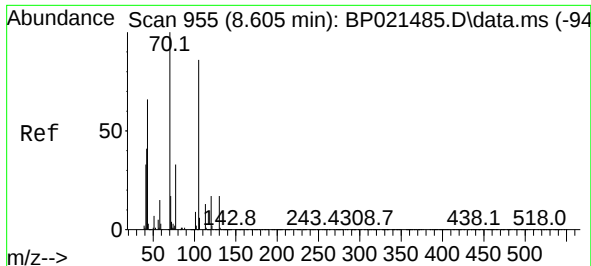
Tgt Ion:107 Resp: 1049192
Ion Ratio Lower Upper
107 100
108 109.3 88.8 133.2
77 45.0 38.7 58.1
79 45.2 37.4 56.2



#18
Hexachloroethane
Concen: 39.779 ng
RT: 8.887 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:117 Resp: 434162
Ion Ratio Lower Upper
117 100
119 93.6 73.9 110.9
201 95.1 74.9 112.3



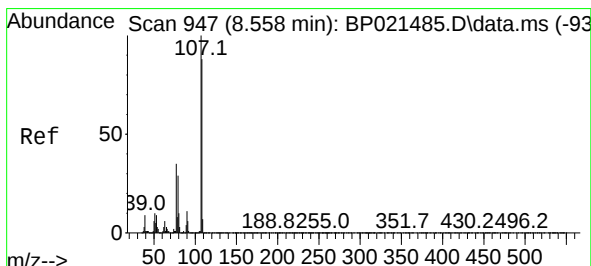
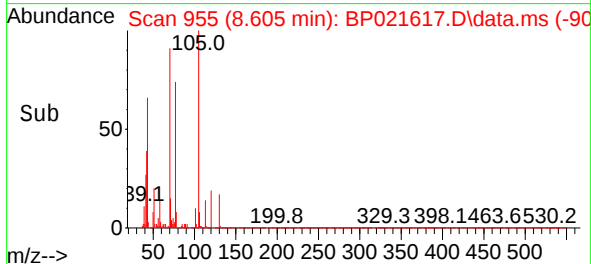
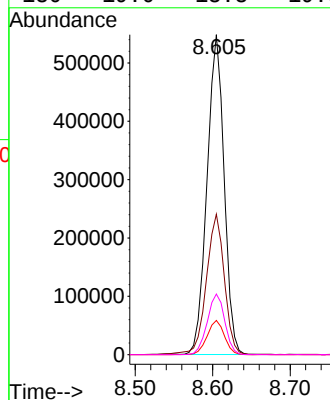
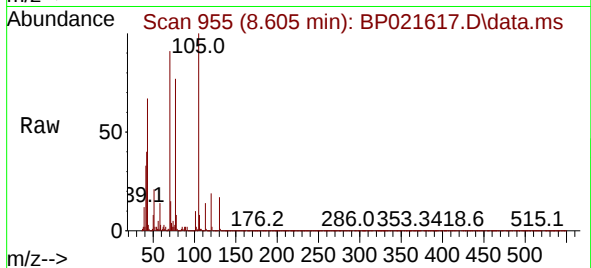


#19
n-Nitroso-di-n-propylamine
Concen: 33.980 ng
RT: 8.605 min Scan# 947
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion: 70 Resp: 840792

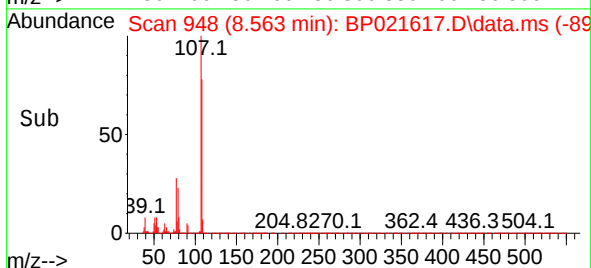
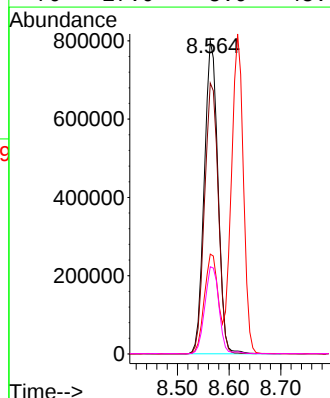
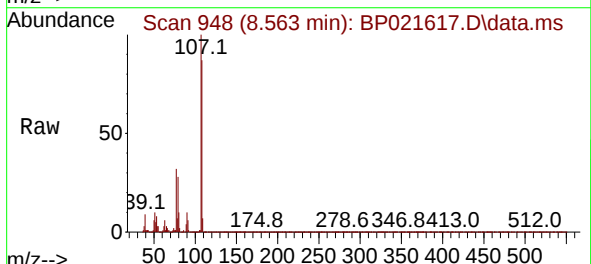
Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.1	49.7
101	10.7	7.4	11.2
130	19.0	13.3	19.9

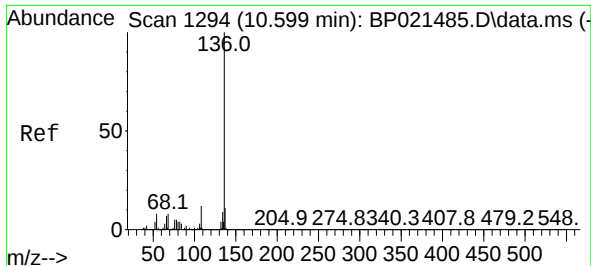


#20
3+4-Methylphenols
Concen: 46.419 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 107 Resp: 1467750

Ion	Ratio	Lower	Upper
107	100		
108	86.5	67.6	107.6
77	31.9	15.0	55.0
79	27.9	8.9	48.9

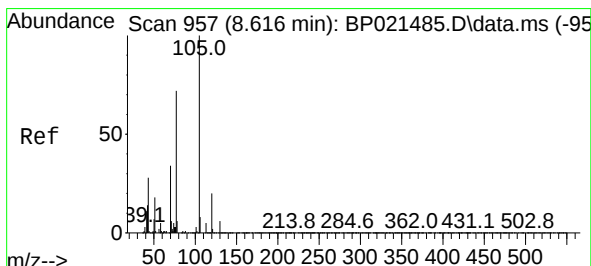
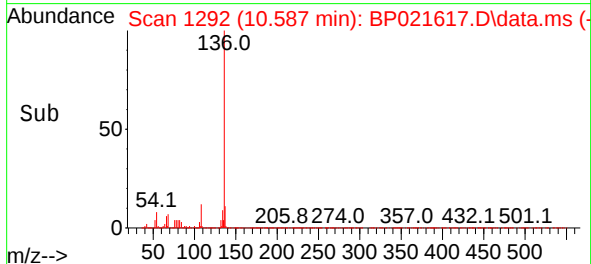
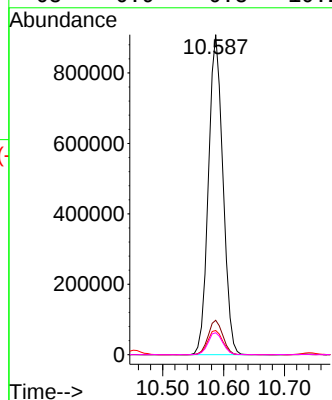
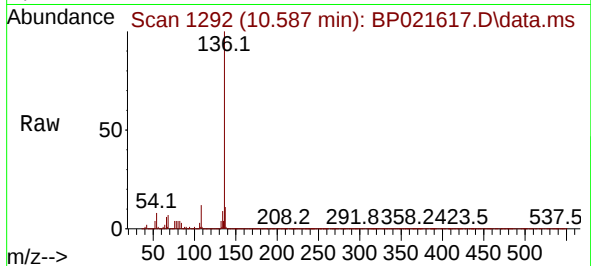




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

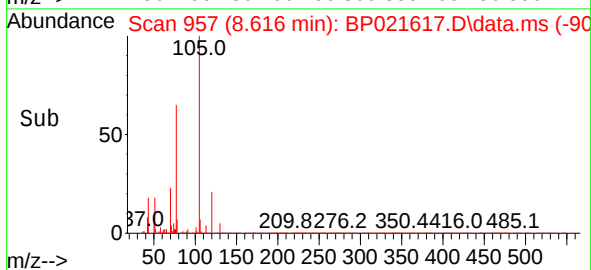
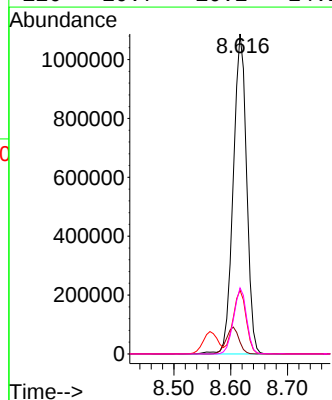
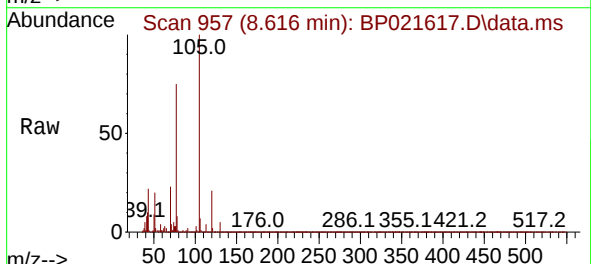
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

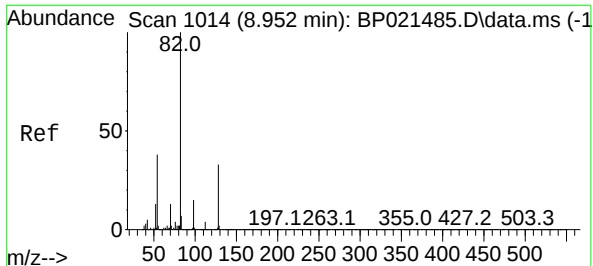
Tgt Ion:136 Resp: 1499801
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.3 9.5
68 6.9 6.8 10.2



#22
Acetophenone
Concen: 38.435 ng
RT: 8.616 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:105 Resp: 1770935
Ion Ratio Lower Upper
105 100
71 3.7 4.6 7.0#
51 19.9 16.3 24.5
120 20.7 16.2 24.2





#23

Nitrobenzene-d5

Concen: 70.320 ng

RT: 8.946 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

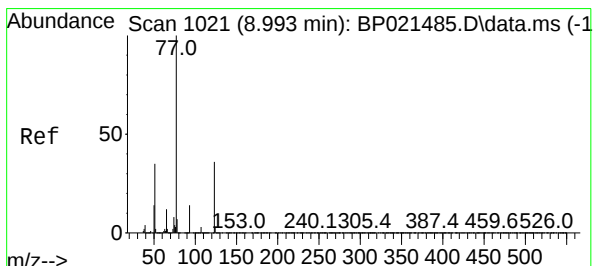
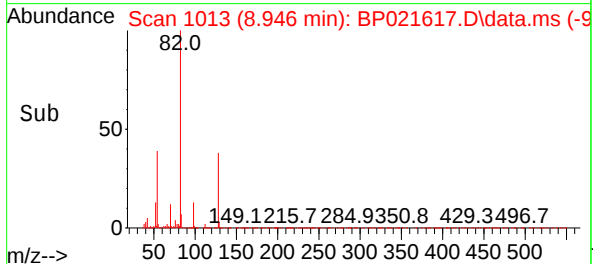
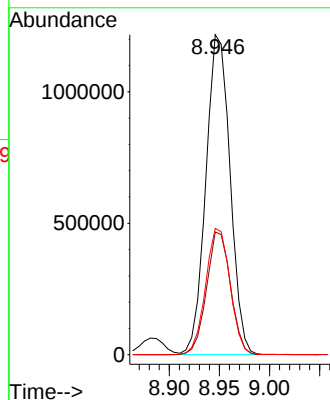
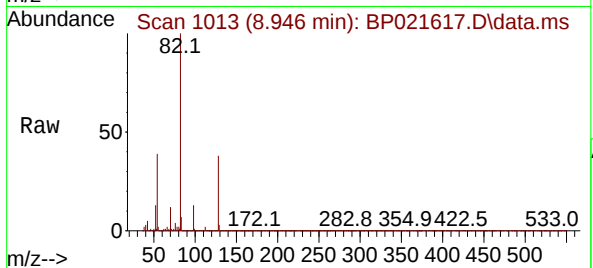
Tgt Ion: 82 Resp: 2043309

Ion Ratio Lower Upper

82 100

128 38.4 26.5 39.7

54 39.5 30.3 45.5



#24

Nitrobenzene

Concen: 40.995 ng

RT: 8.987 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

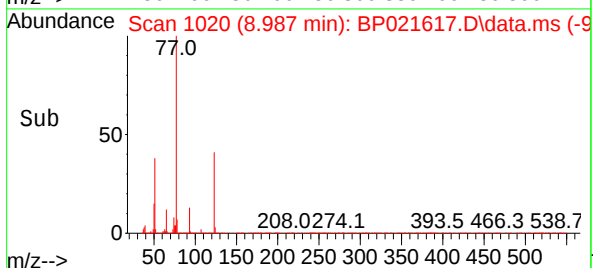
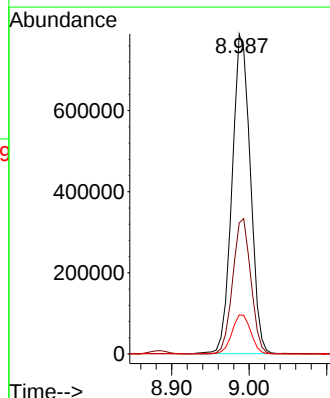
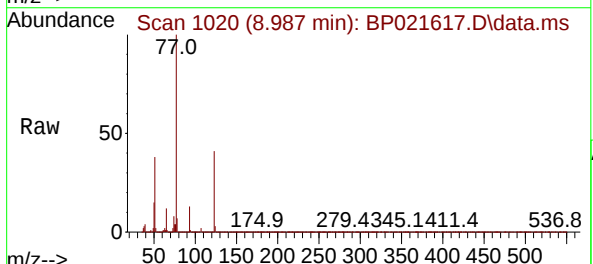
Tgt Ion: 77 Resp: 1293774

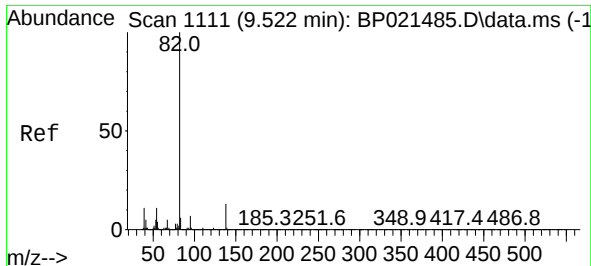
Ion Ratio Lower Upper

77 100

123 41.0 29.5 44.3

65 12.2 9.9 14.9

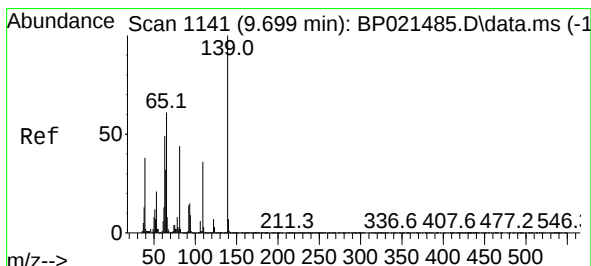
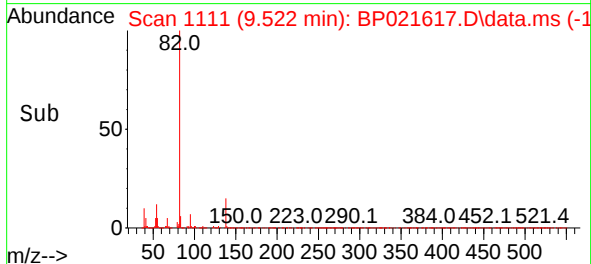
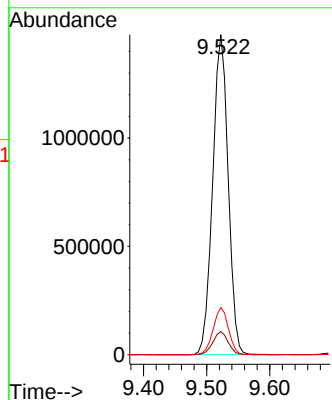
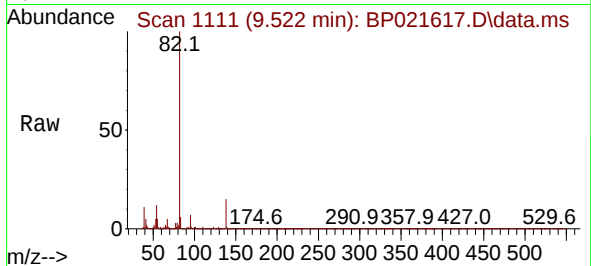




#25
Isophorone
Concen: 36.568 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

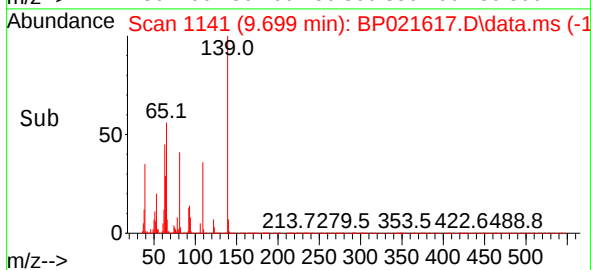
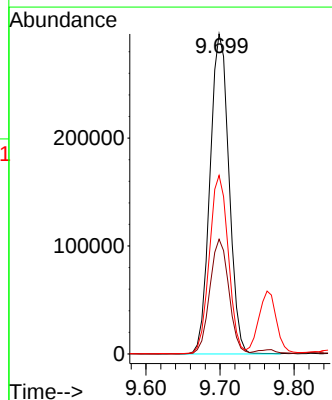
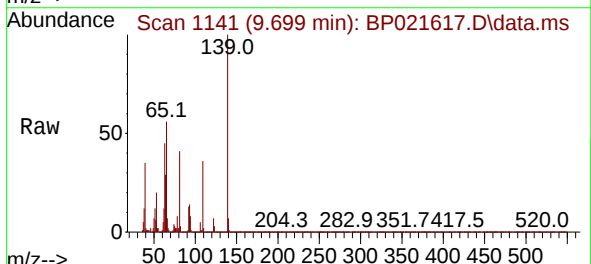
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

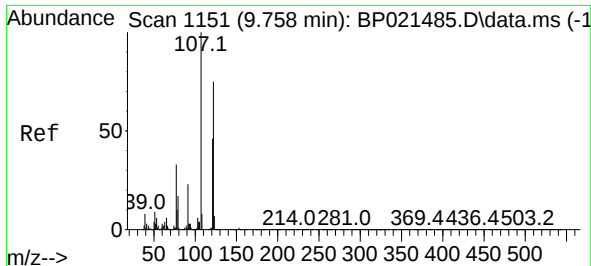
Tgt Ion: 82 Resp: 2510231
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 14.7 10.6 16.0



#26
2-Nitrophenol
Concen: 59.172 ng
RT: 9.699 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:139 Resp: 527043
Ion Ratio Lower Upper
139 100
109 35.9 28.9 43.3
65 55.8 49.0 73.6

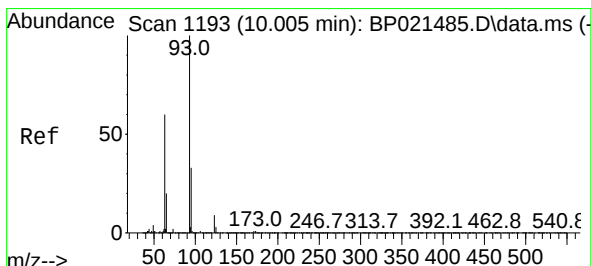
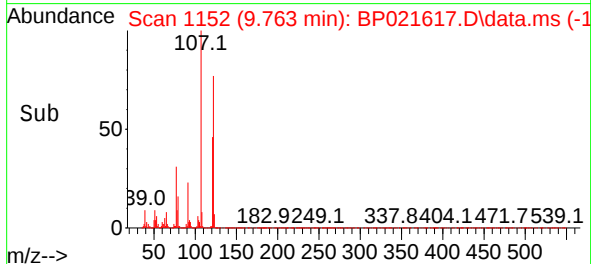
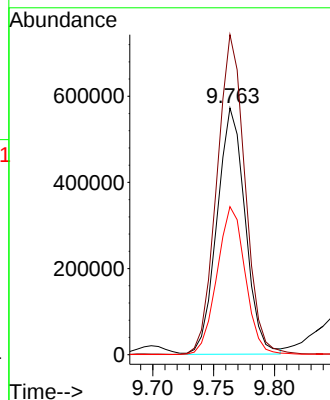
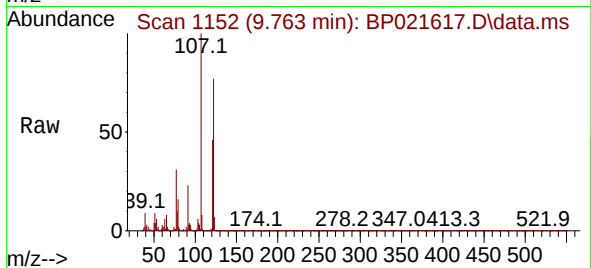




#27
2,4-Dimethylphenol
Concen: 54.411 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

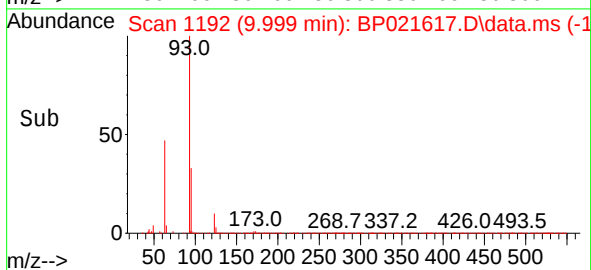
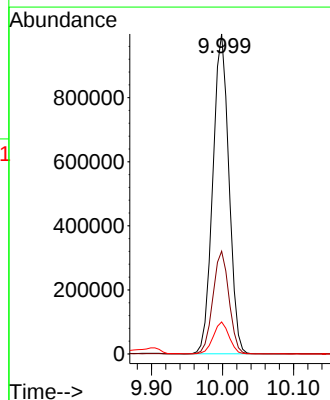
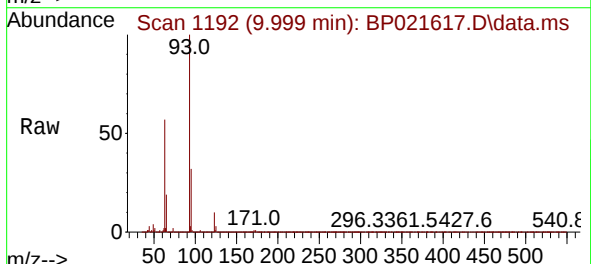
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

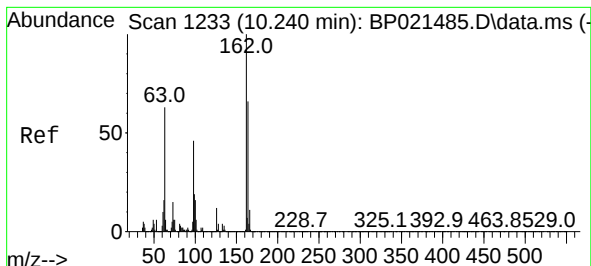
Tgt Ion:122 Resp: 921784
Ion Ratio Lower Upper
122 100
107 129.7 106.2 159.4
121 60.0 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 37.471 ng
RT: 9.999 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 93 Resp: 1570138
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 10.0 7.6 11.4

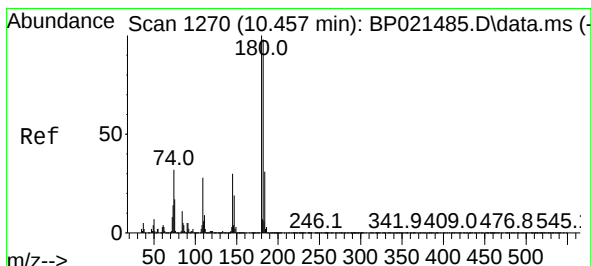
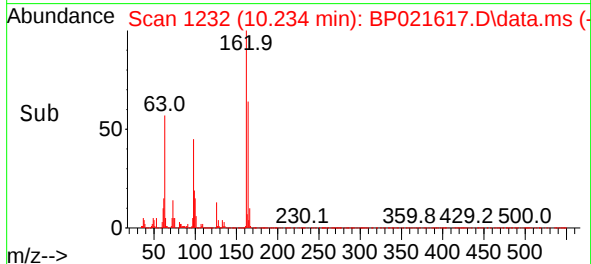
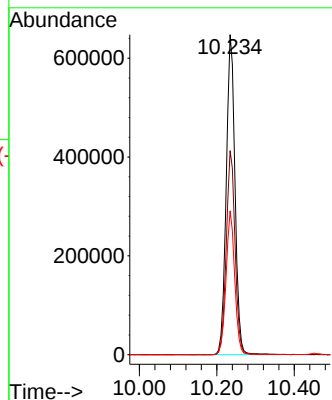
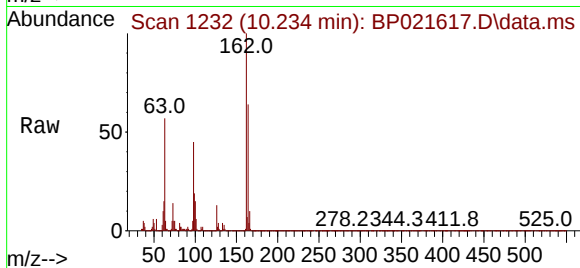




#29
2,4-Dichlorophenol
Concen: 50.688 ng
RT: 10.234 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

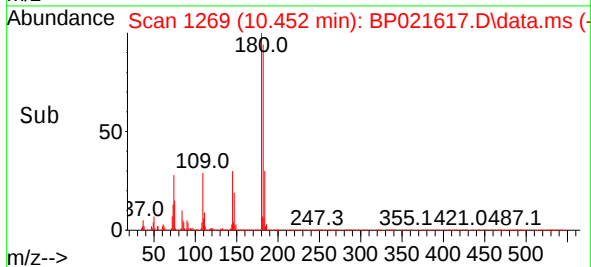
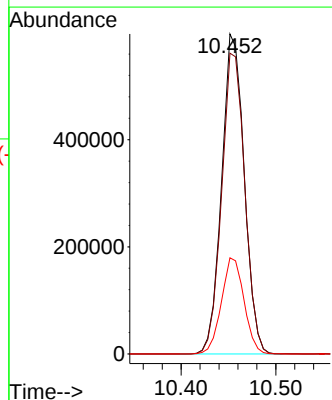
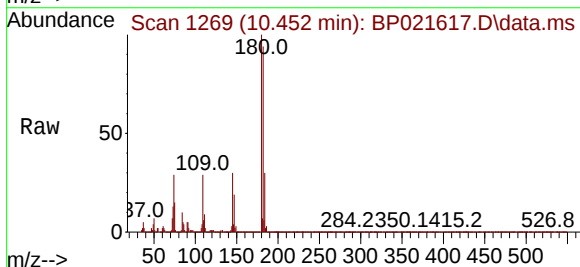
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

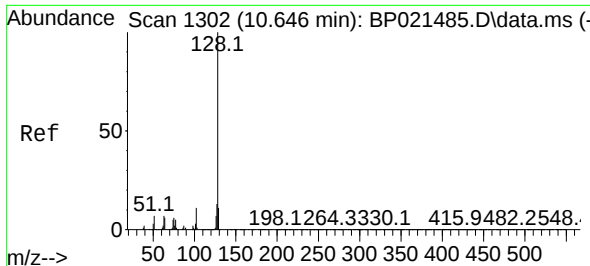
Tgt Ion:162 Resp: 1014586
Ion Ratio Lower Upper
162 100
164 63.7 45.9 85.9
98 45.0 26.3 66.3



#30
1,2,4-Trichlorobenzene
Concen: 38.616 ng
RT: 10.452 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:180 Resp: 990965
Ion Ratio Lower Upper
180 100
182 94.0 78.3 117.5
145 30.1 24.0 36.0

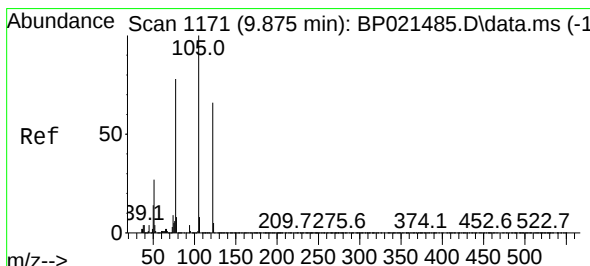
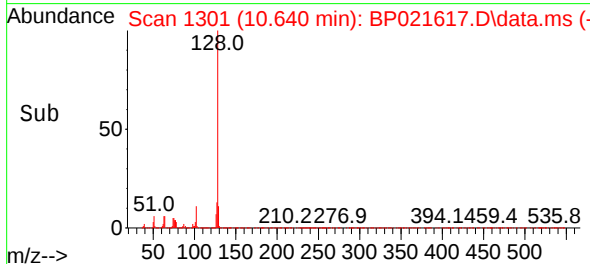
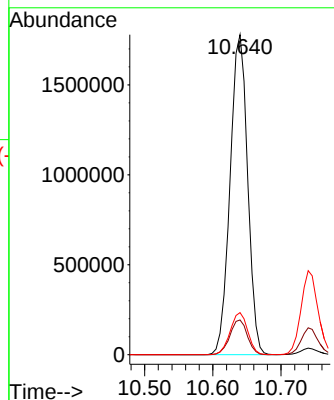
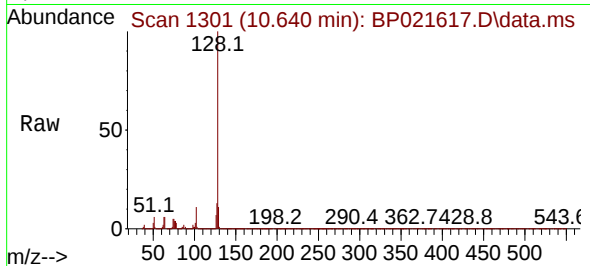




#31
Naphthalene
Concen: 40.611 ng
RT: 10.640 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

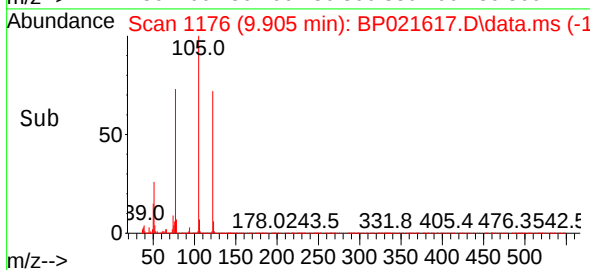
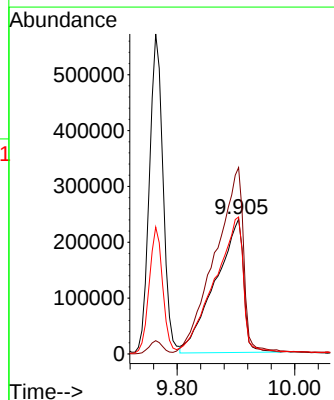
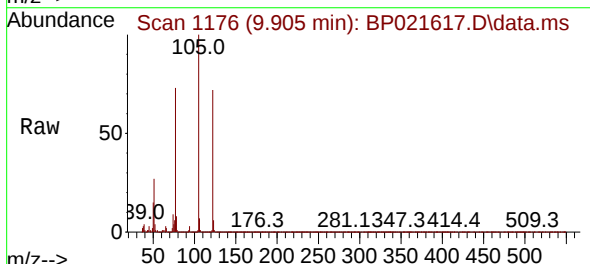
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

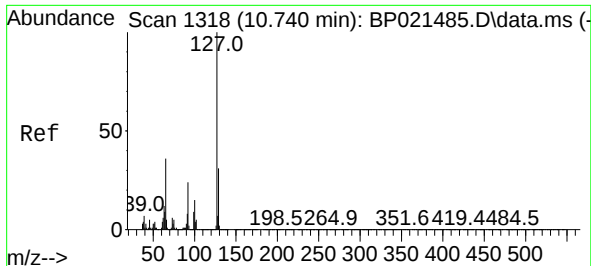
Tgt Ion:128 Resp: 3181835
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 63.284 ng
RT: 9.905 min Scan# 1176
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:122 Resp: 794683
Ion Ratio Lower Upper
122 100
105 138.3 124.6 164.6
77 101.6 96.2 136.2





#33

4-Chloroaniline

Concen: 27.681 ng

RT: 10.740 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 814669

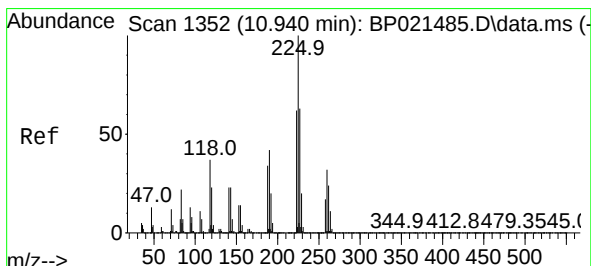
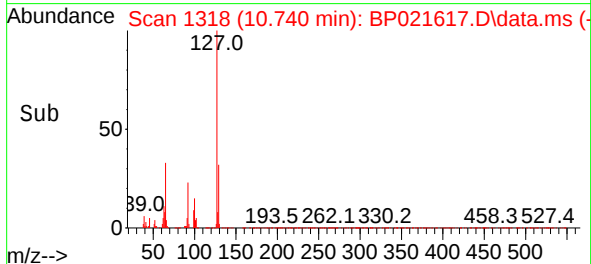
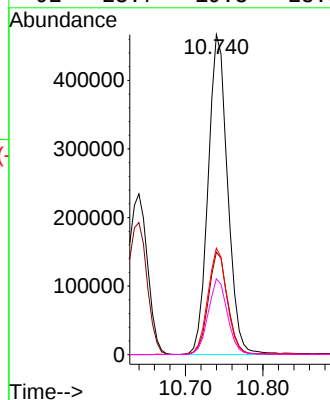
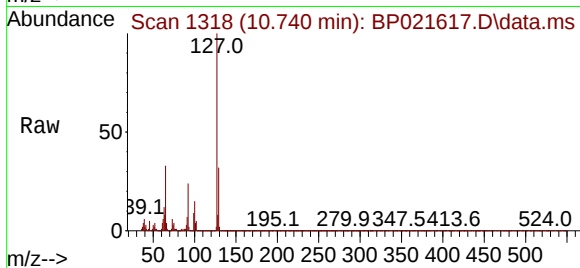
Ion Ratio Lower Upper

127 100

129 32.1 24.5 36.7

65 33.3 28.9 43.3

92 23.7 19.3 28.9



#34

Hexachlorobutadiene

Concen: 37.826 ng

RT: 10.928 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

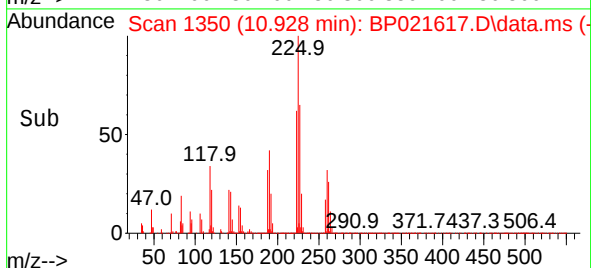
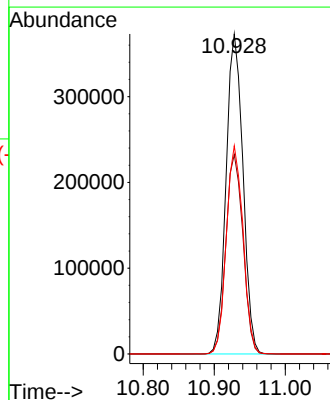
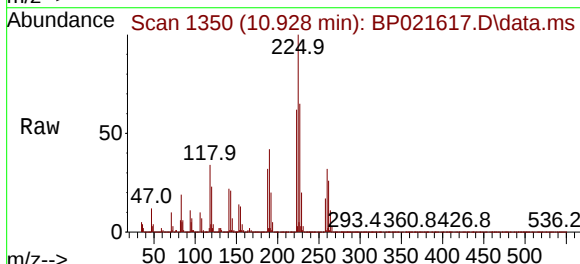
Tgt Ion:225 Resp: 611185

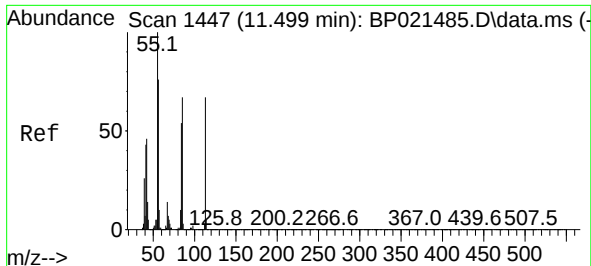
Ion Ratio Lower Upper

225 100

223 62.3 49.6 74.4

227 65.0 50.1 75.1





#35

Caprolactam

Concen: 47.833 ng

RT: 11.516 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

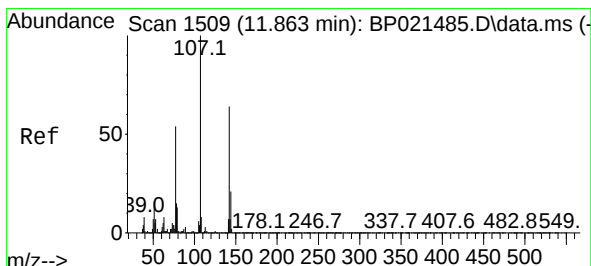
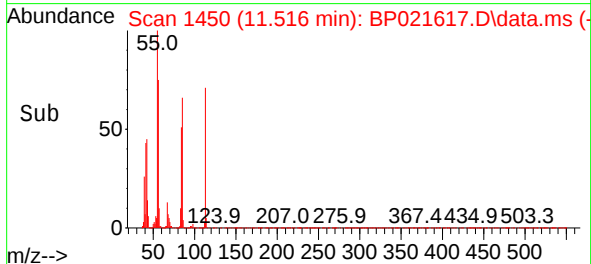
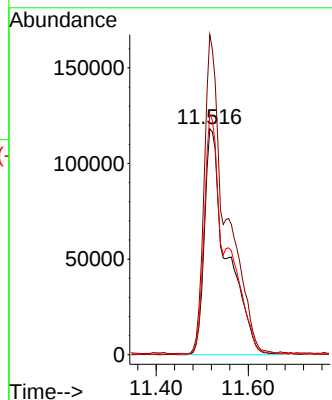
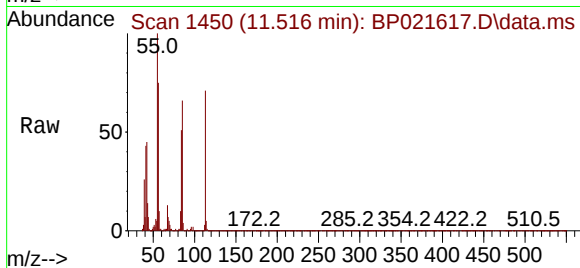
Tgt Ion:113 Resp: 398520

Ion Ratio Lower Upper

113 100

55 141.6 130.6 170.6

56 106.5 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 47.332 ng

RT: 11.869 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

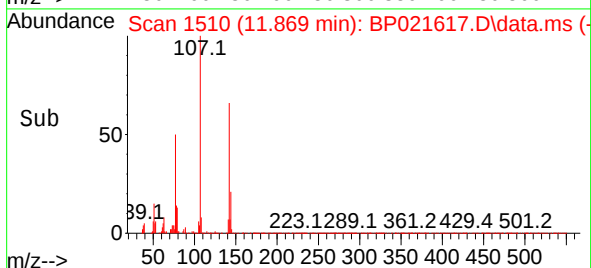
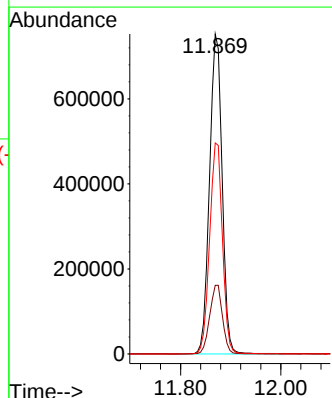
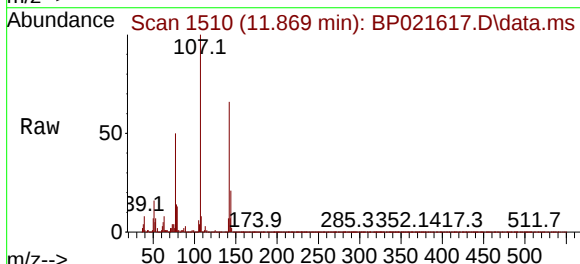
Tgt Ion:107 Resp: 1314229

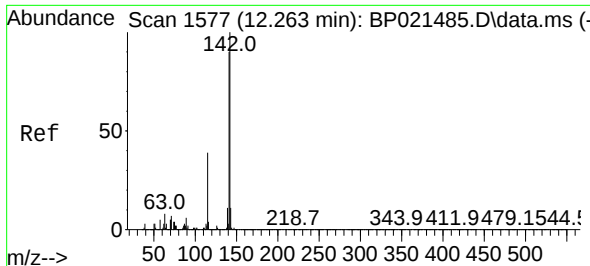
Ion Ratio Lower Upper

107 100

144 21.5 16.6 24.8

142 66.0 51.0 76.4

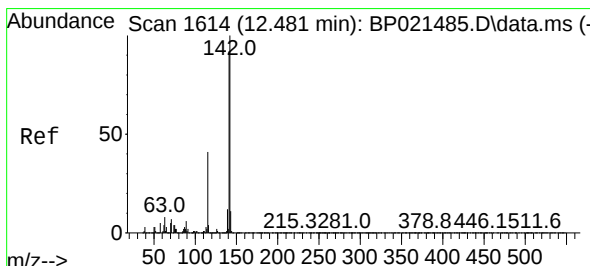
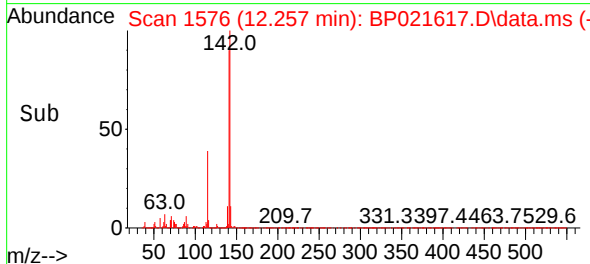
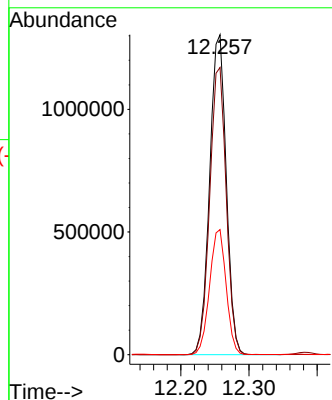
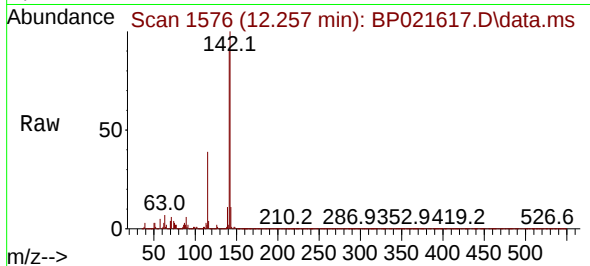




#37
2-Methylnaphthalene
Concen: 41.286 ng
RT: 12.257 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

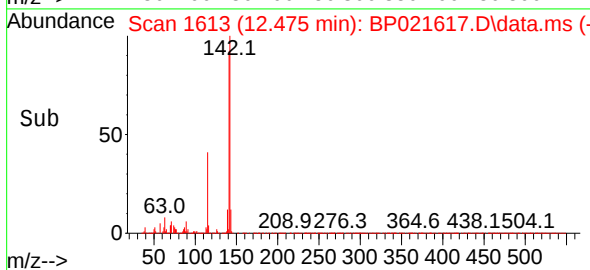
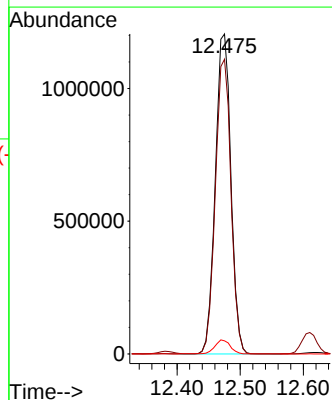
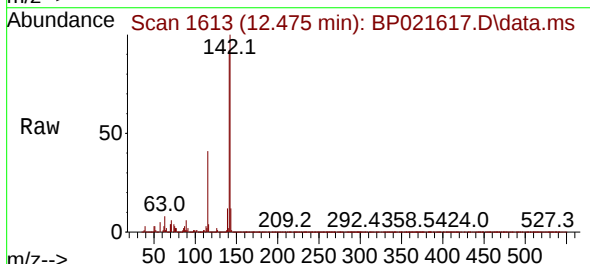
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

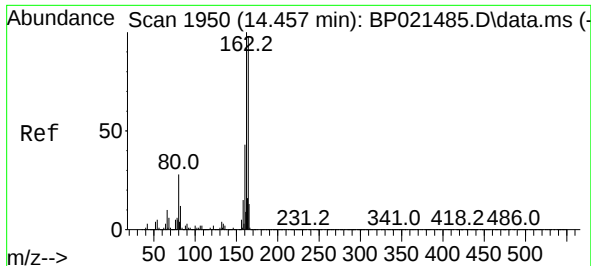
Tgt Ion:142 Resp: 2207725
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 39.1 31.4 47.2



#38
1-Methylnaphthalene
Concen: 39.093 ng
RT: 12.475 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:142 Resp: 2061717
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

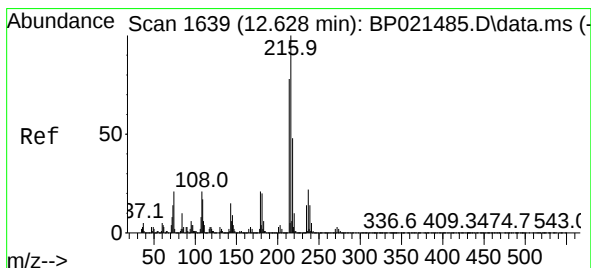
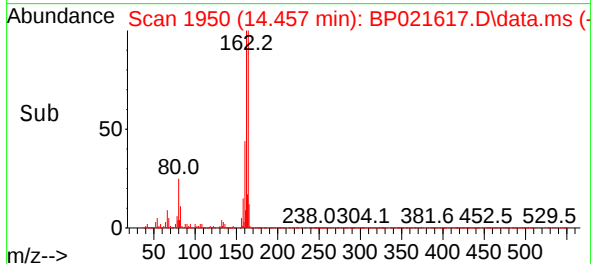
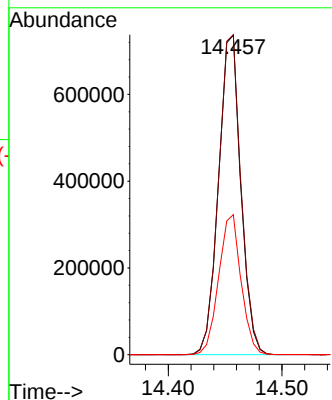
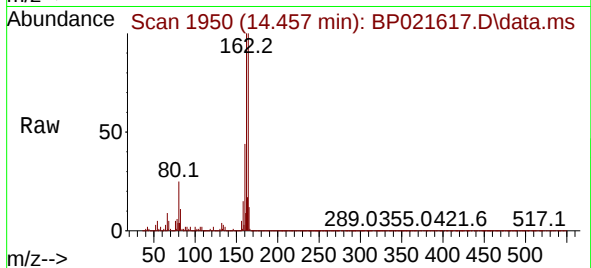
Tgt Ion:164 Resp: 1003444

Ion Ratio Lower Upper

164 100

162 100.1 81.5 122.3

160 43.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.984 ng

RT: 12.628 min Scan# 1639

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:216 Resp: 1175564

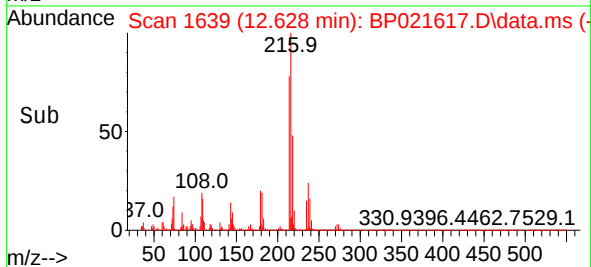
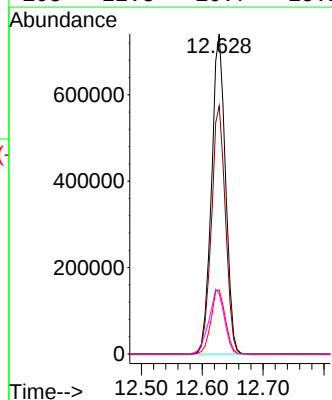
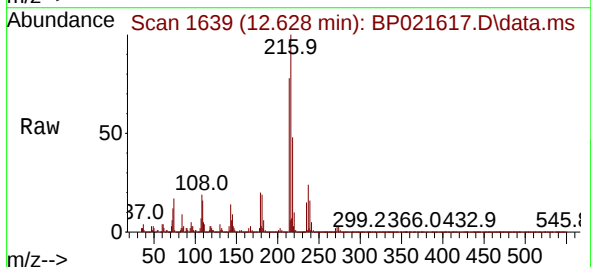
Ion Ratio Lower Upper

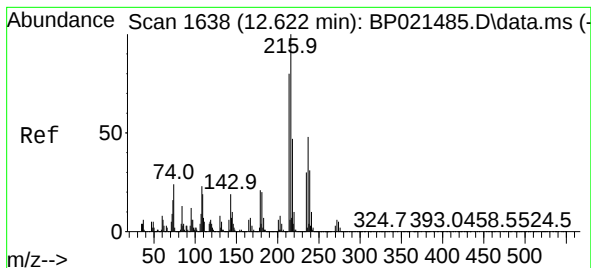
216 100

214 77.9 62.5 93.7

179 20.7 16.4 24.6

108 22.3 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 124.527 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

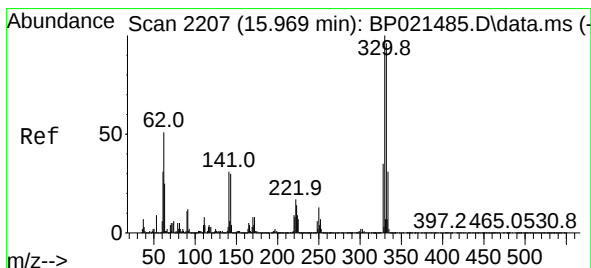
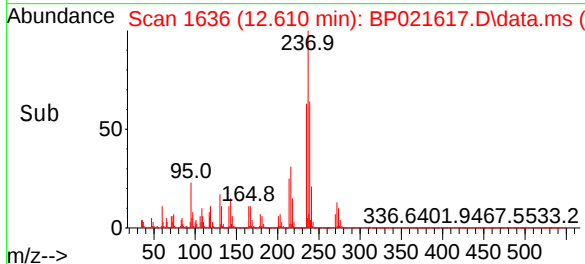
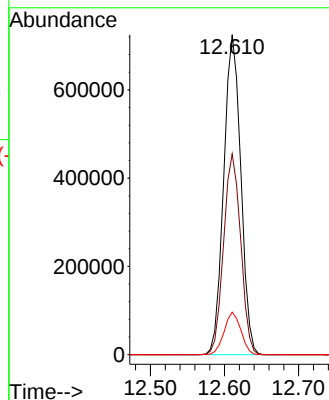
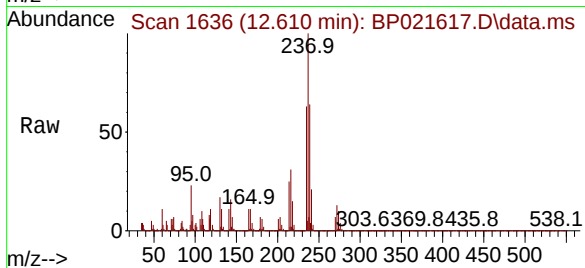
Tgt Ion:237 Resp: 1160377

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

272 13.3 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 114.235 ng

RT: 15.969 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

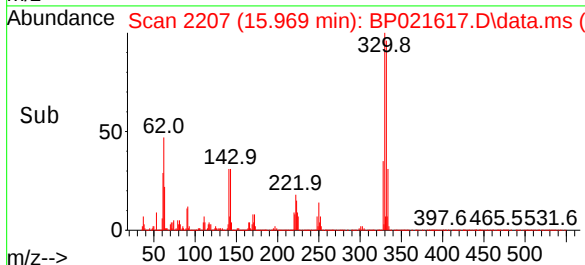
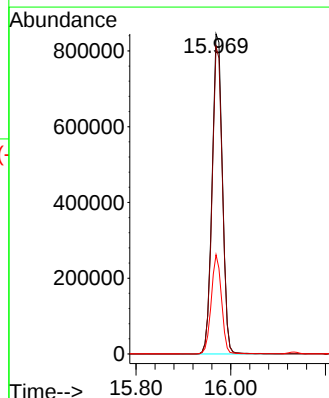
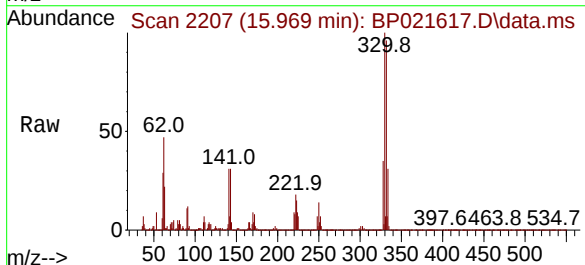
Tgt Ion:330 Resp: 1275770

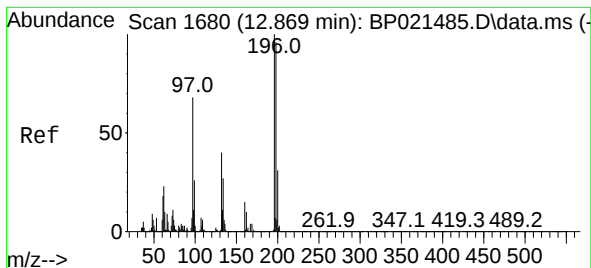
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.7 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 50.824 ng

RT: 12.863 min Scan# 1679

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

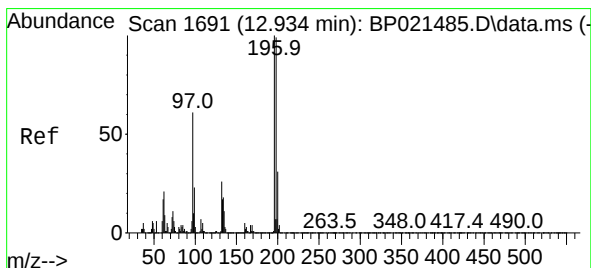
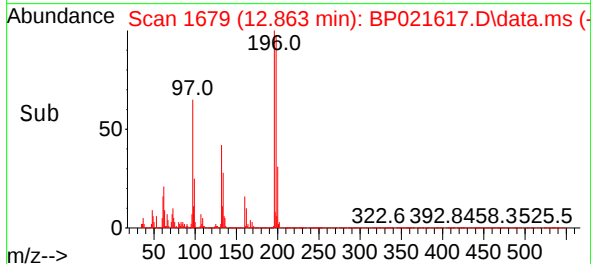
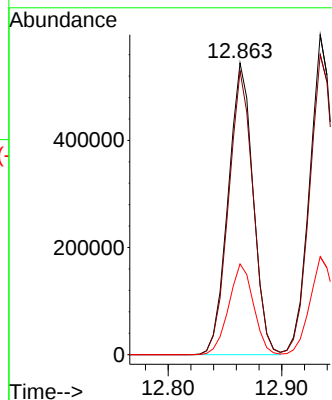
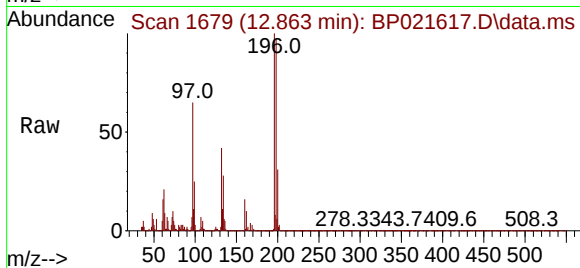
Tgt Ion:196 Resp: 830047

Ion Ratio Lower Upper

196 100

198 97.3 76.6 114.8

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.117 ng

RT: 12.934 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:196 Resp: 909399

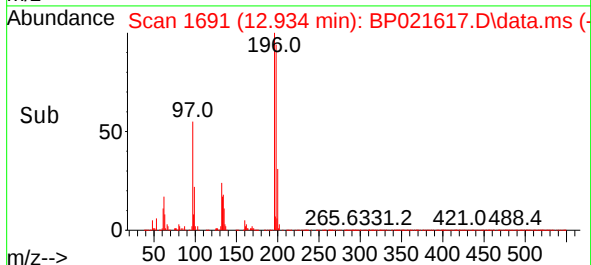
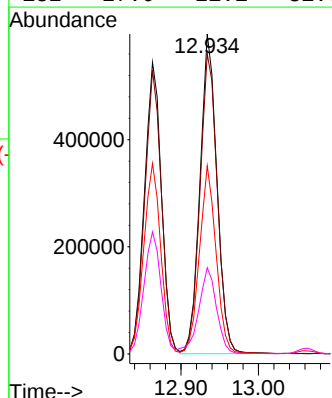
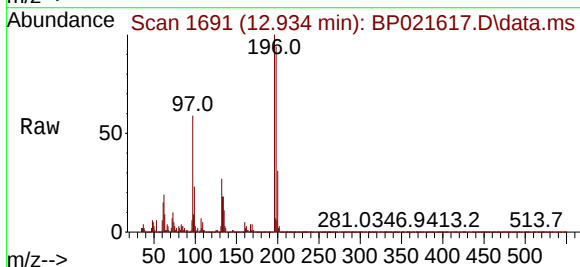
Ion Ratio Lower Upper

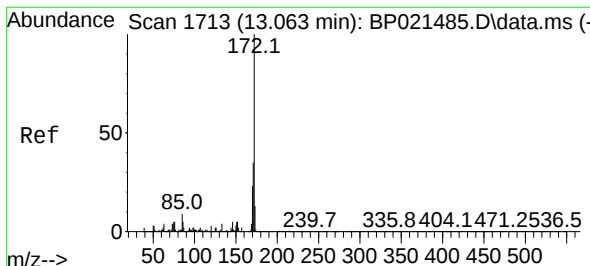
196 100

198 93.8 78.9 118.3

97 58.8 49.4 74.0

132 27.0 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 51.044 ng

RT: 13.063 min Scan# 1713

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

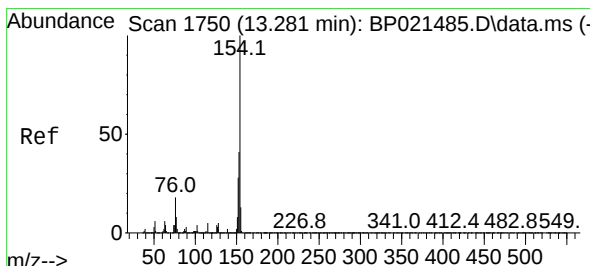
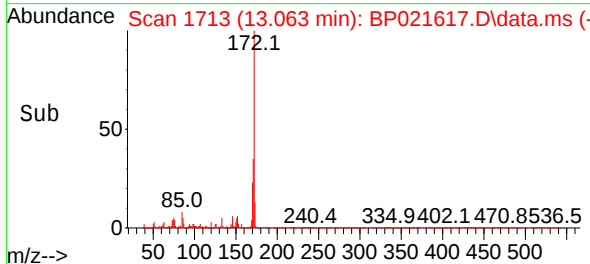
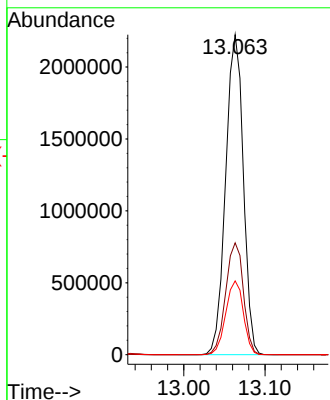
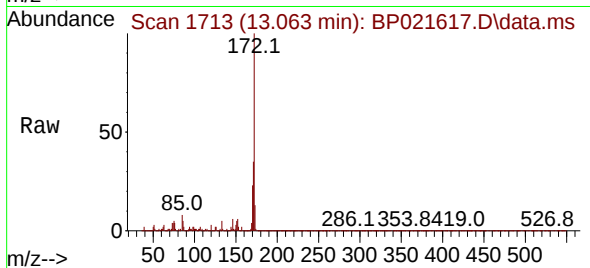
Tgt Ion:172 Resp: 3356140

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.0 18.4 27.6



#46

1,1'-Biphenyl

Concen: 40.194 ng

RT: 13.269 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

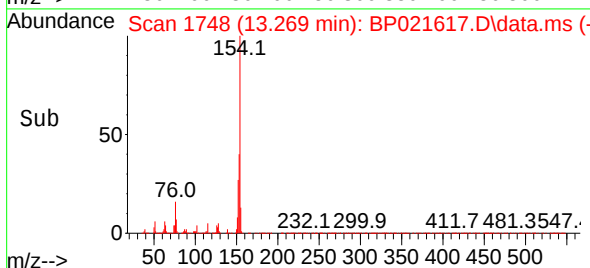
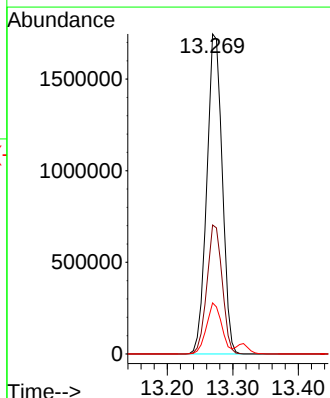
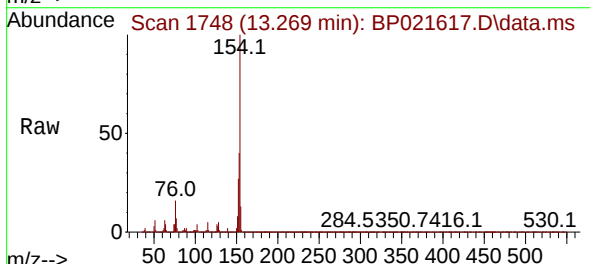
Tgt Ion:154 Resp: 2853589

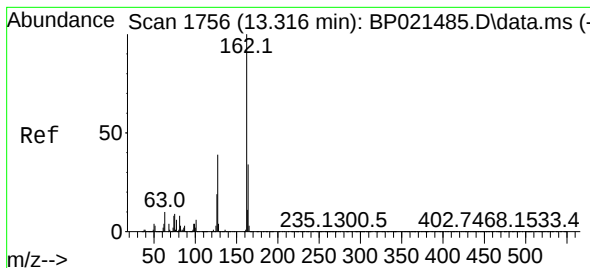
Ion Ratio Lower Upper

154 100

153 40.3 20.7 60.7

76 16.0 0.0 37.7





#47

2-Chloronaphthalene

Concen: 40.123 ng

RT: 13.316 min Scan# 1756

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

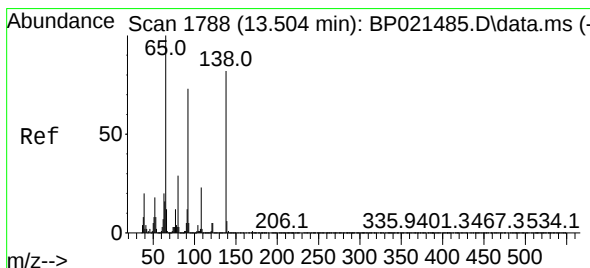
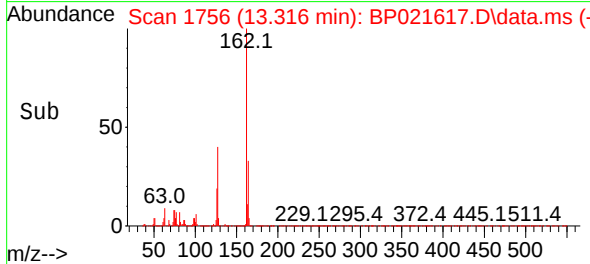
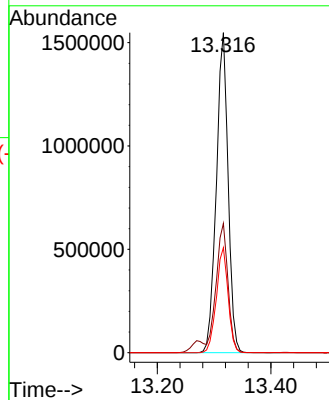
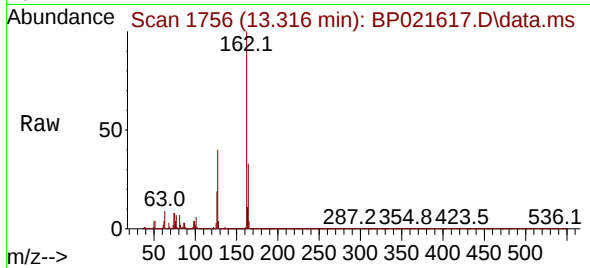
Tgt Ion:162 Resp: 2217687

Ion Ratio Lower Upper

162 100

127 40.4 31.9 47.9

164 32.8 26.8 40.2



#48

2-Nitroaniline

Concen: 49.468 ng

RT: 13.504 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

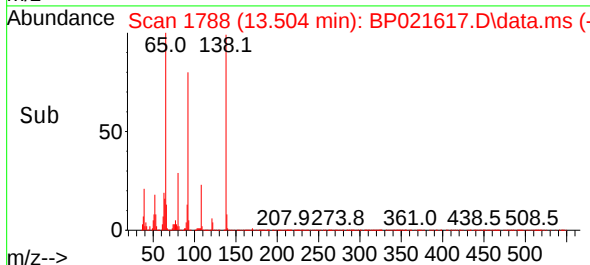
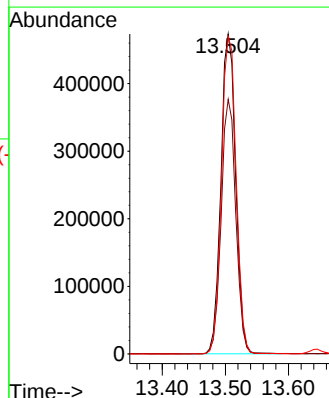
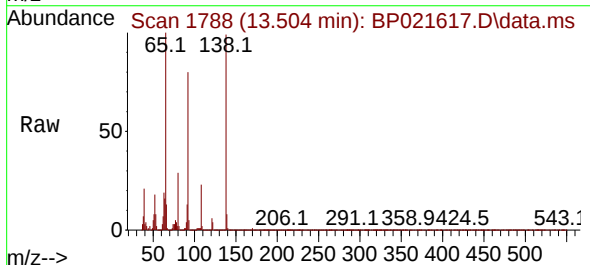
Tgt Ion: 65 Resp: 769041

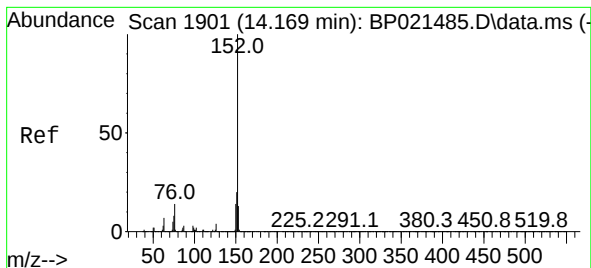
Ion Ratio Lower Upper

65 100

92 79.5 58.1 87.1

138 99.3 65.5 98.3#





#49

Acenaphthylene

Concen: 44.470 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

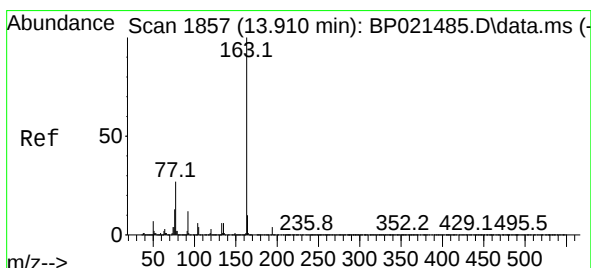
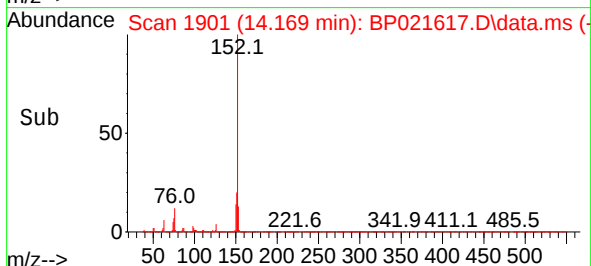
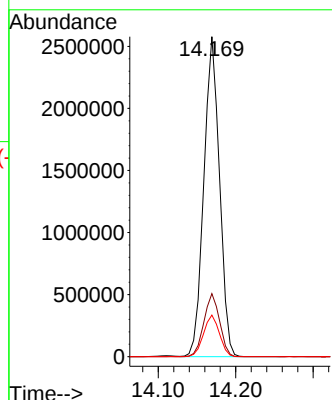
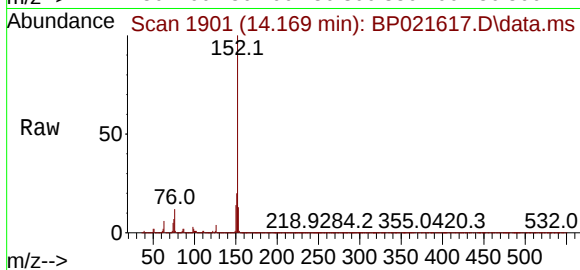
Tgt Ion:152 Resp: 3613244

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 41.805 ng

RT: 13.904 min Scan# 1856

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

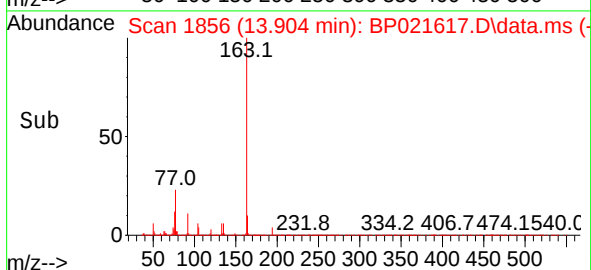
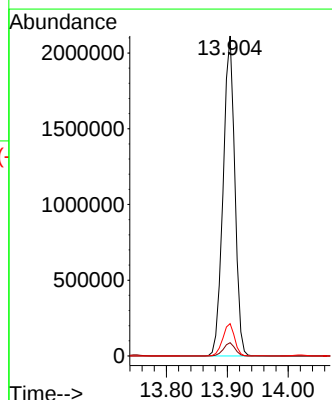
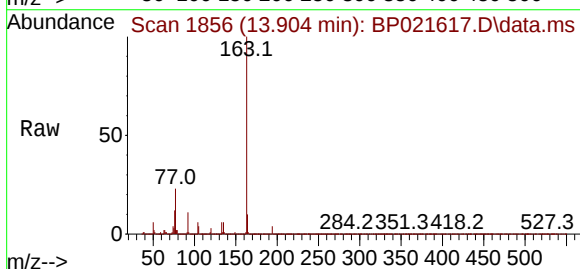
Tgt Ion:163 Resp: 2809244

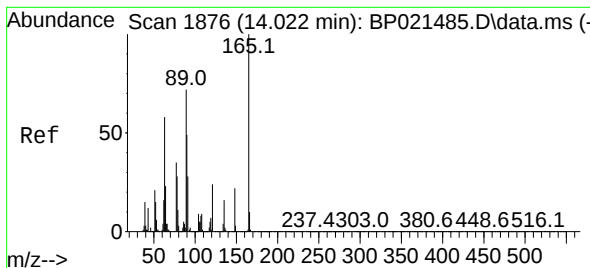
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 46.203 ng

RT: 14.016 min Scan# 1875

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

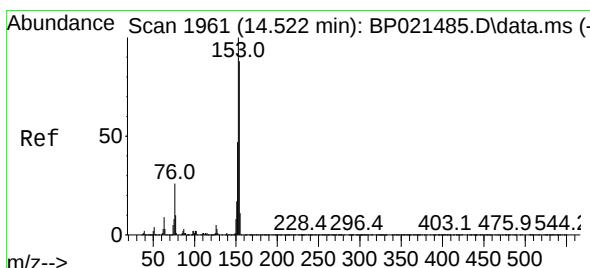
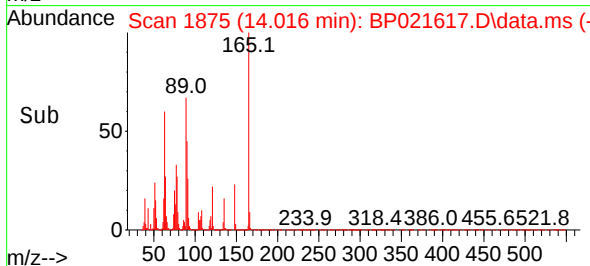
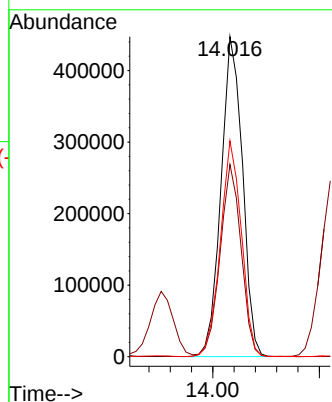
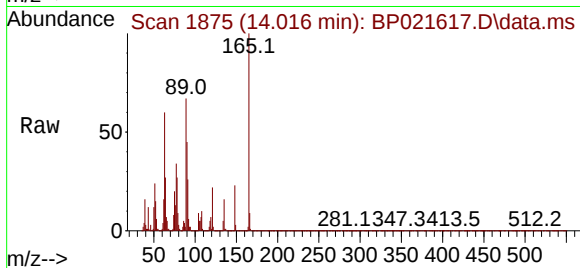
Tgt Ion:165 Resp: 624190

Ion Ratio Lower Upper

165 100

63 60.0 51.5 77.3

89 67.4 57.8 86.8



#52

Acenaphthene

Concen: 40.889 ng

RT: 14.516 min Scan# 1960

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

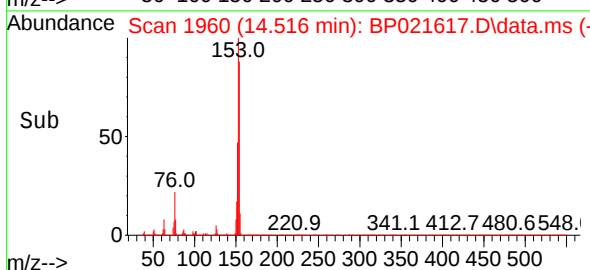
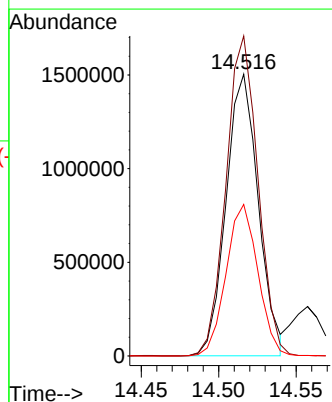
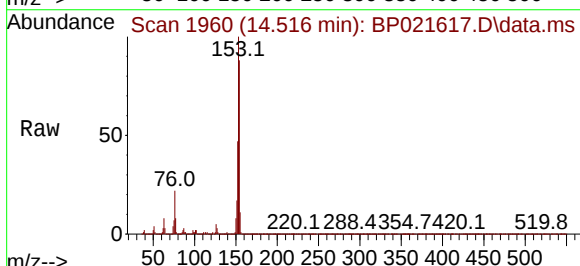
Tgt Ion:154 Resp: 2179892

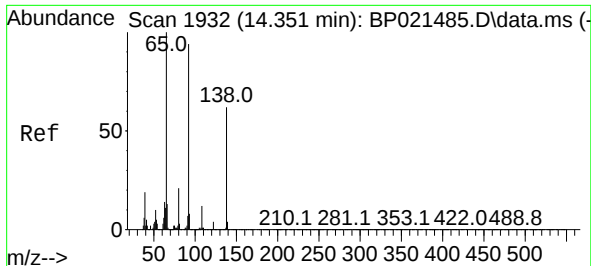
Ion Ratio Lower Upper

154 100

153 113.5 91.1 136.7

152 53.8 43.0 64.4

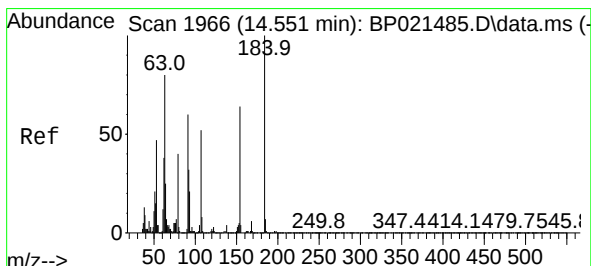
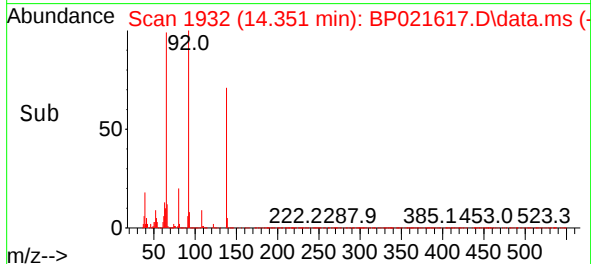
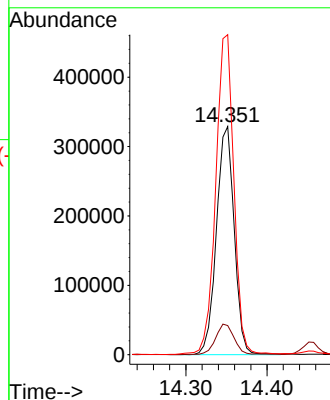
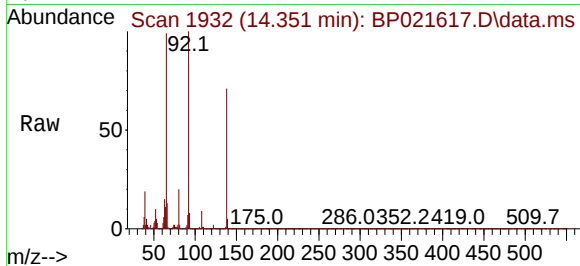




#53
3-Nitroaniline
Concen: 38.483 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

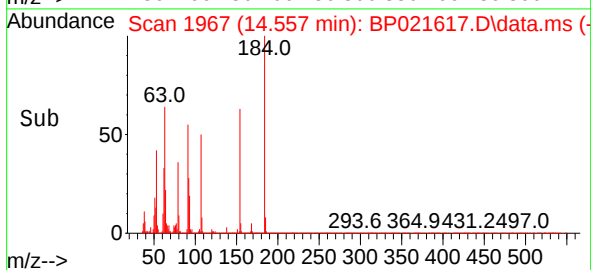
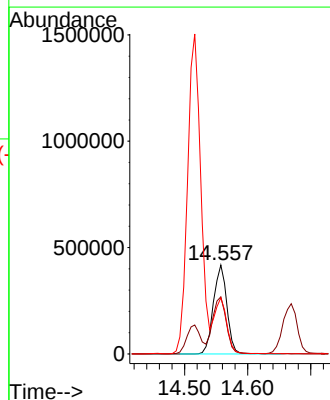
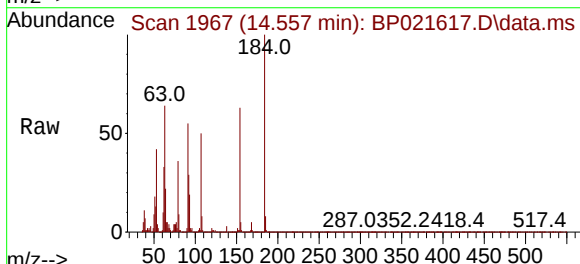
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

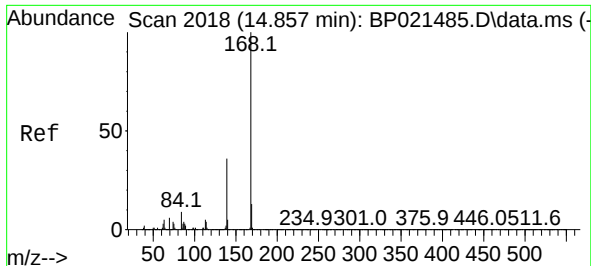
Tgt Ion:138 Resp: 501464
Ion Ratio Lower Upper
138 100
108 12.8 16.2 24.4#
92 140.3 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 109.547 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:184 Resp: 619859
Ion Ratio Lower Upper
184 100
63 64.2 64.9 97.3#
154 63.1 52.1 78.1

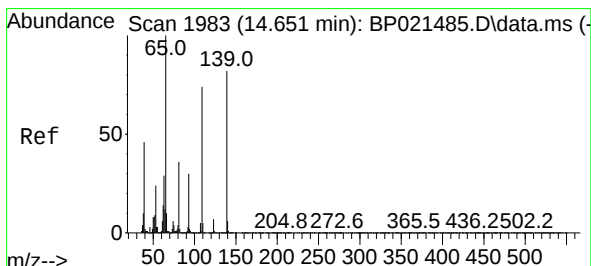
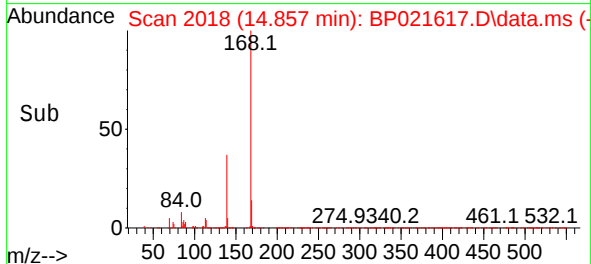
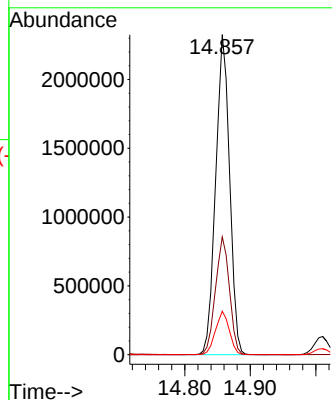
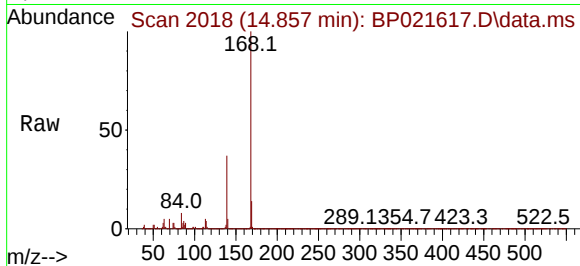




#55
Dibenzenofuran
Concen: 41.693 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

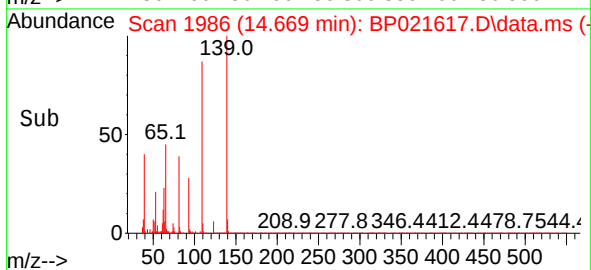
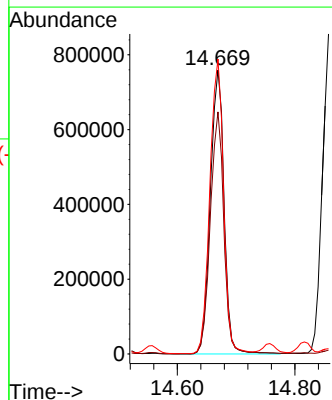
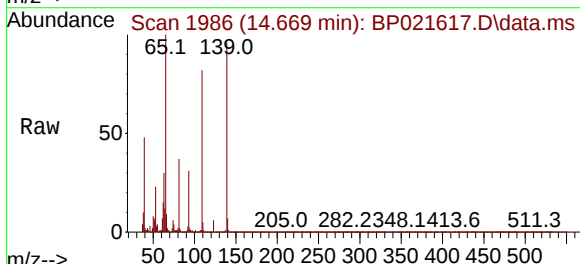
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

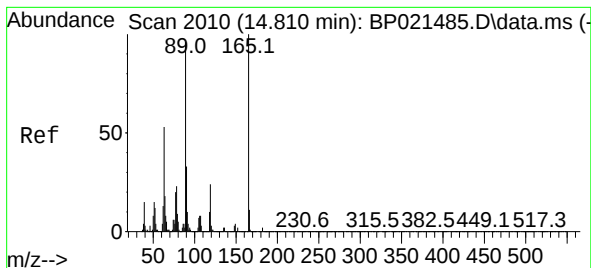
Tgt Ion:168 Resp: 3419343
Ion Ratio Lower Upper
168 100
139 36.8 28.6 43.0
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 108.261 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:139 Resp: 1227925
Ion Ratio Lower Upper
139 100
109 85.3 70.2 110.2
65 103.9 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 50.761 ng

RT: 14.822 min Scan# 2010

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:165 Resp: 880850

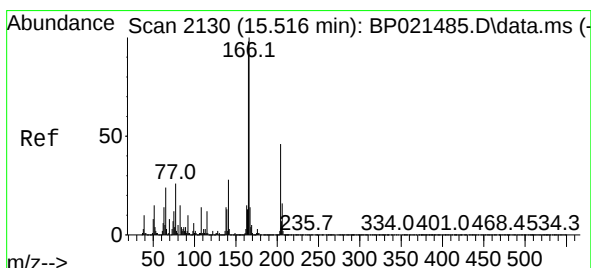
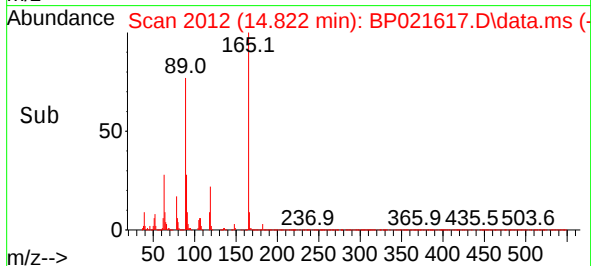
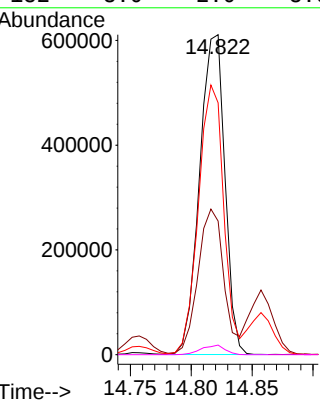
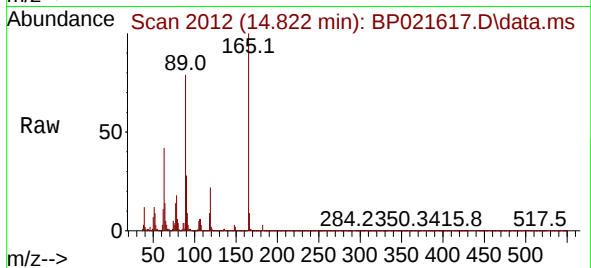
Ion Ratio Lower Upper

165 100

63 41.8 42.5 63.7#

89 78.7 77.1 115.7

182 3.0 2.0 3.0



#58

Fluorene

Concen: 40.257 ng

RT: 15.522 min Scan# 2131

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

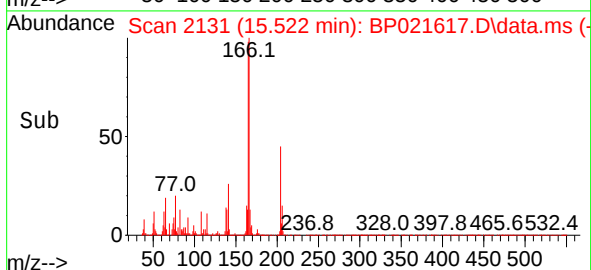
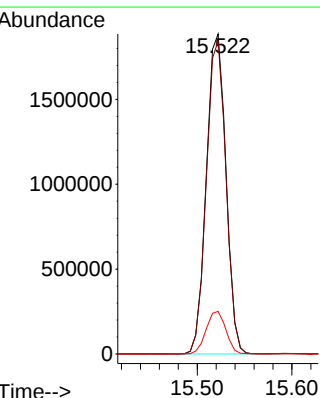
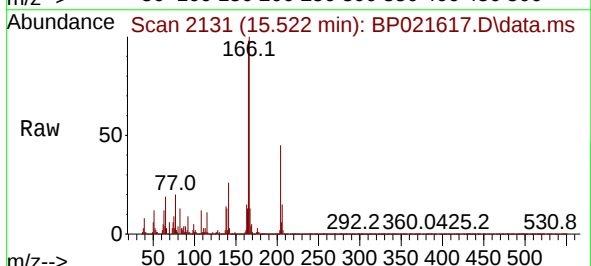
Tgt Ion:166 Resp: 2712320

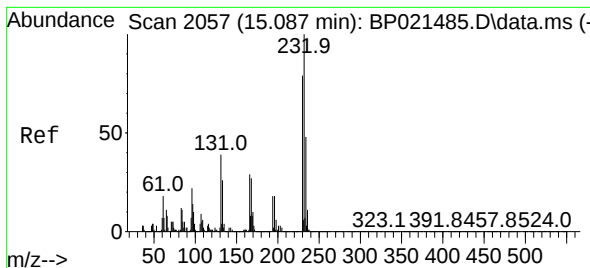
Ion Ratio Lower Upper

166 100

165 97.8 78.1 117.1

167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.323 ng

RT: 15.093 min Scan# 2058

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

Tgt Ion:232 Resp: 805859

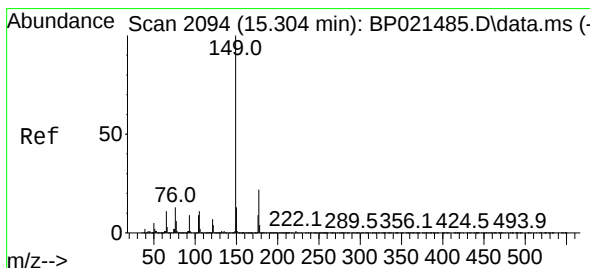
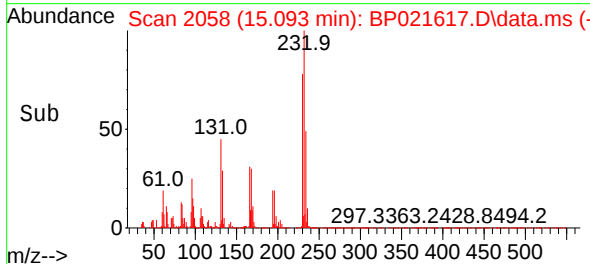
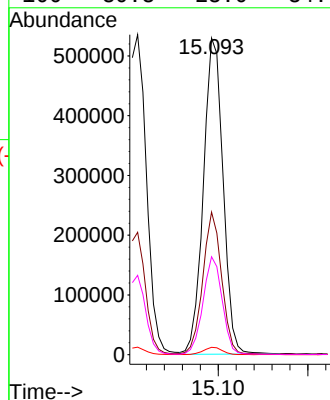
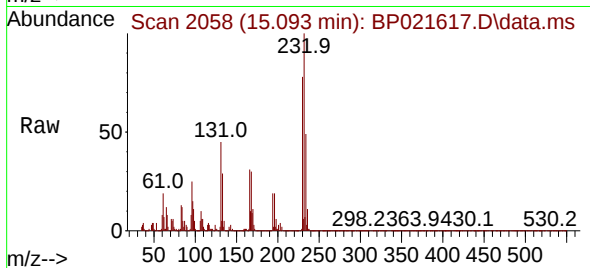
Ion Ratio Lower Upper

232 100

131 43.1 33.1 49.7

130 2.2 1.7 2.5

166 30.3 23.0 34.4



#60

Diethylphthalate

Concen: 41.319 ng

RT: 15.293 min Scan# 2092

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

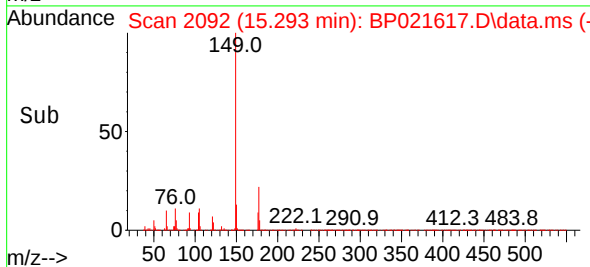
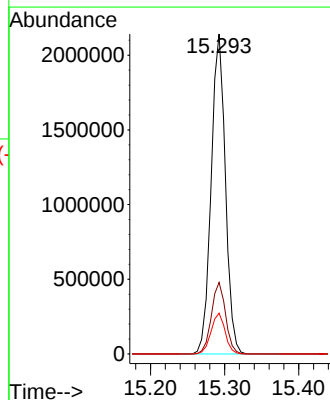
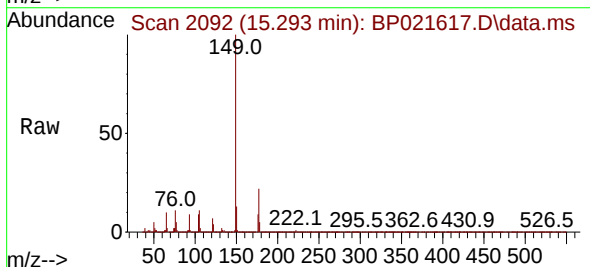
Tgt Ion:149 Resp: 2848961

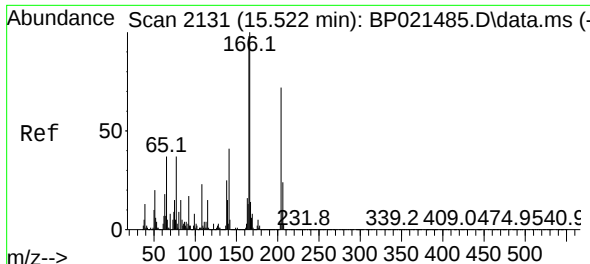
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 12.7 10.1 15.1

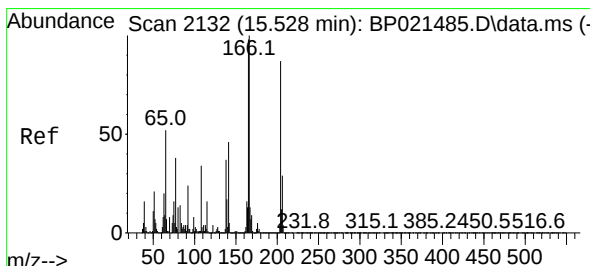
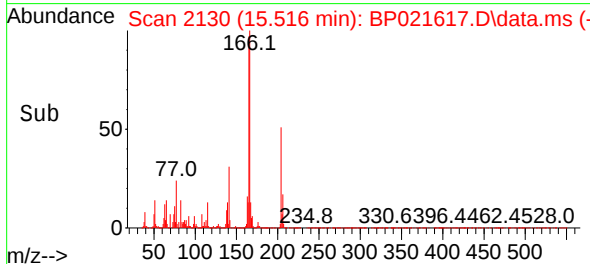
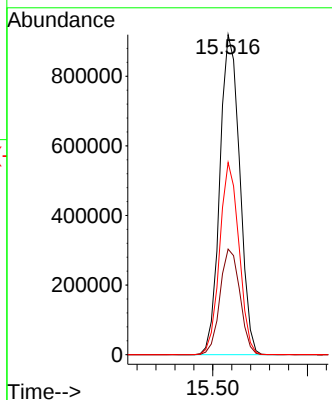
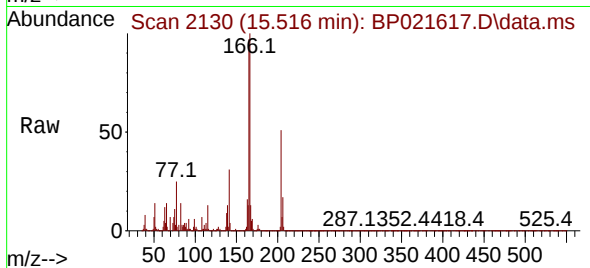




#61
4-Chlorophenyl-phenylether
Concen: 38.521 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

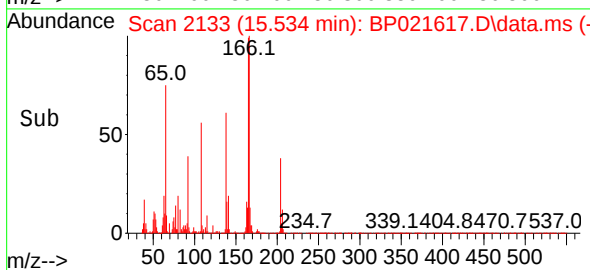
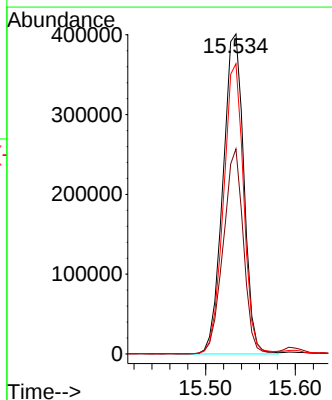
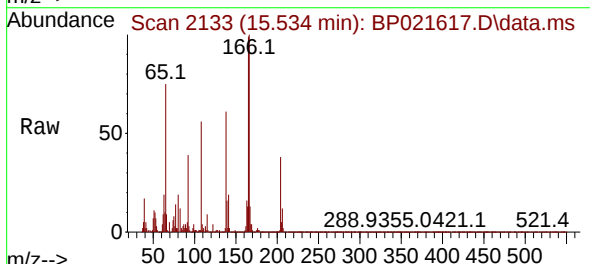
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

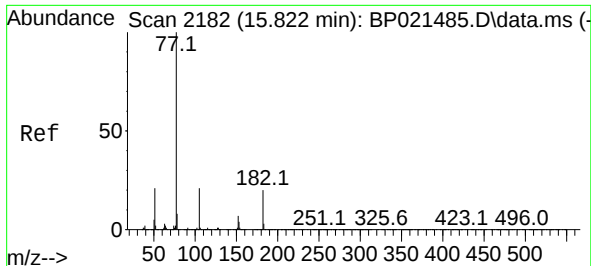
Tgt Ion:204 Resp: 1341569
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.1 46.1 69.1



#62
4-Nitroaniline
Concen: 47.385 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.024 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:138 Resp: 648616
Ion Ratio Lower Upper
138 100
92 64.1 46.4 86.4
108 90.7 73.2 113.2



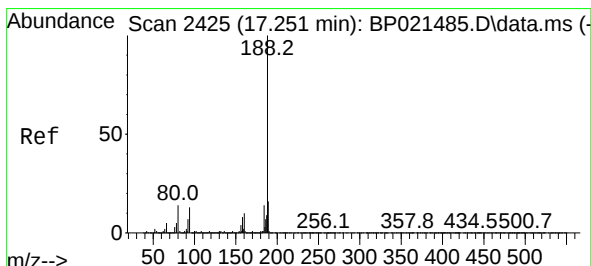
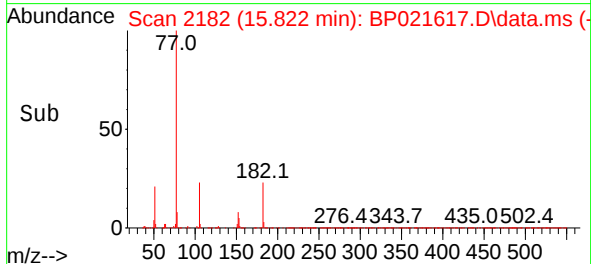
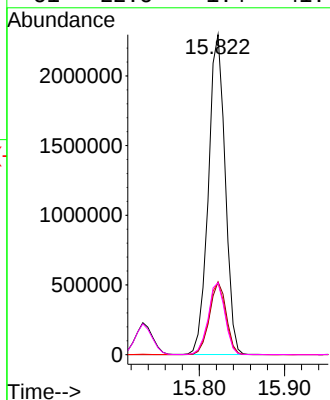
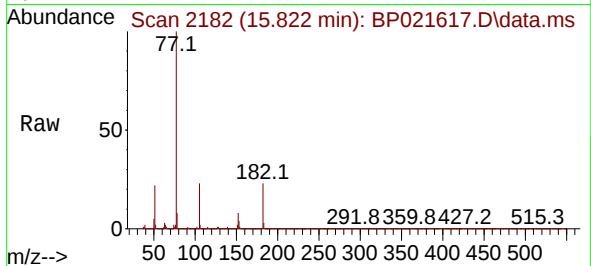


#63
Azobenzene
Concen: 37.132 ng
RT: 15.822 min Scan# 2182
Delta R.T. 0.024 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Tgt Ion: 77 Resp: 3147181

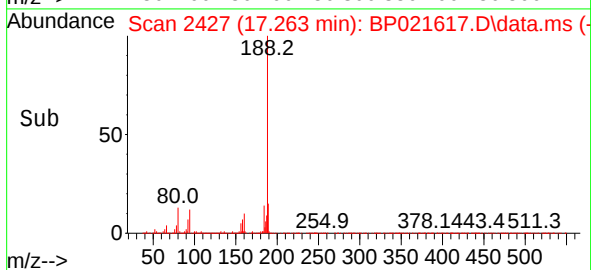
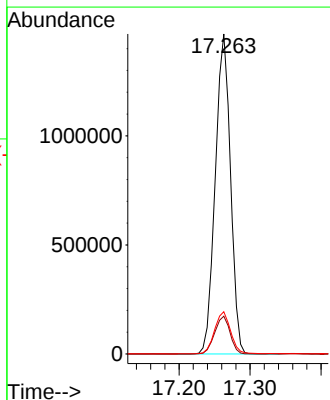
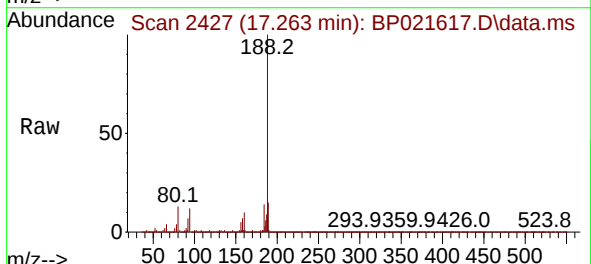
Ion	Ratio	Lower	Upper
77	100		
182	22.8	0.0	39.9
105	22.6	0.9	40.9
51	22.5	1.4	41.4

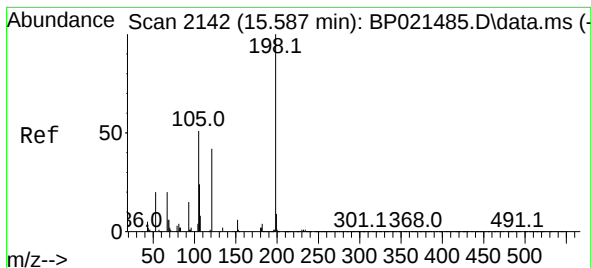


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion: 188 Resp: 2173460

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.2	15.4
80	13.2	11.6	17.4

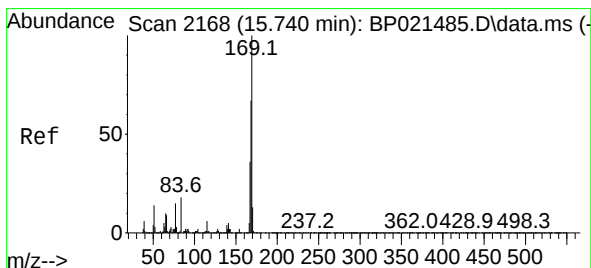
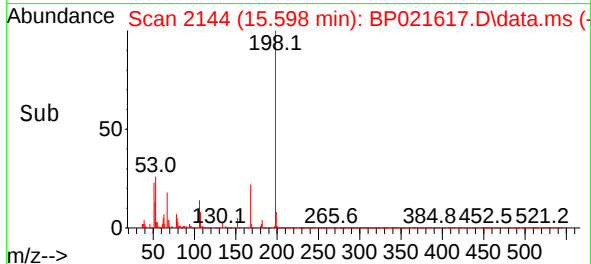
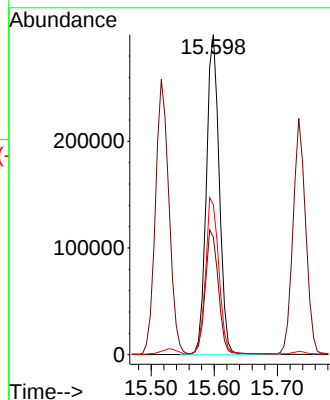
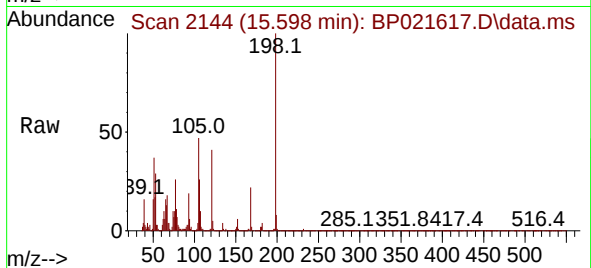




#65
4,6-Dinitro-2-methylphenol
Concen: 59.783 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

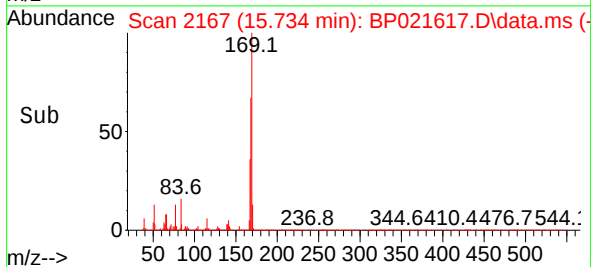
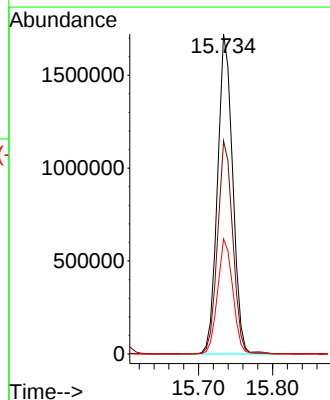
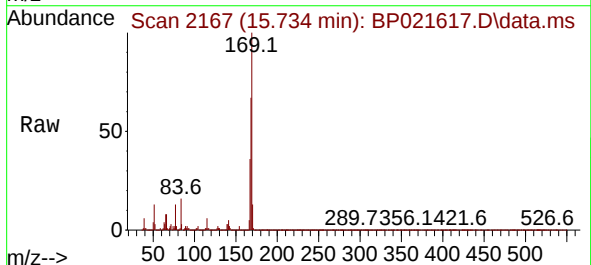
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

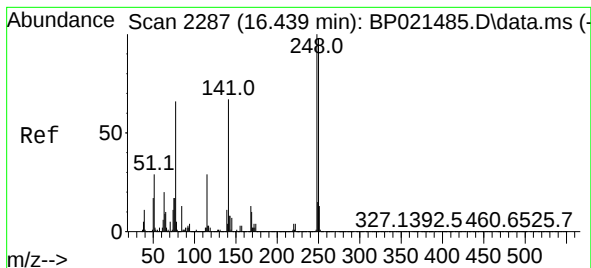
Tgt Ion:198 Resp: 425875
Ion Ratio Lower Upper
198 100
51 36.8 21.5 61.5
105 46.9 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 41.844 ng
RT: 15.734 min Scan# 2167
Delta R.T. 0.018 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:169 Resp: 2437233
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.9 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 39.647 ng

RT: 16.440 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

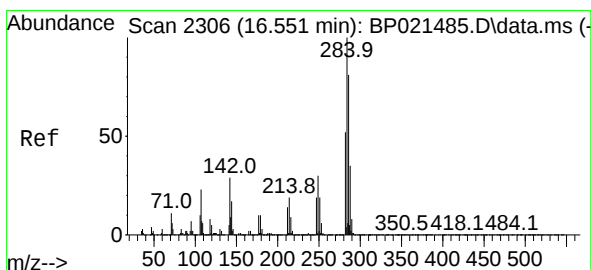
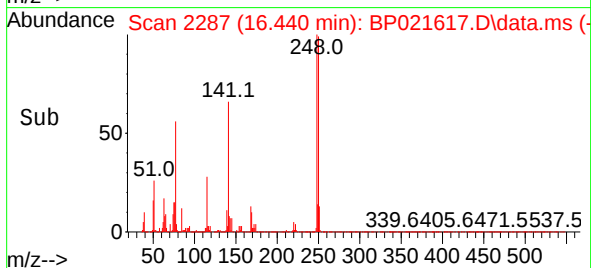
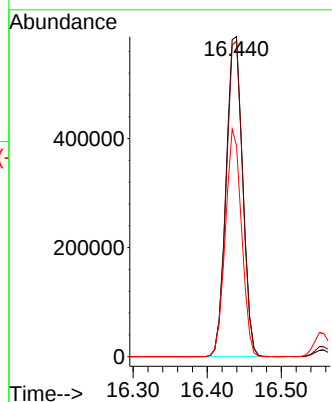
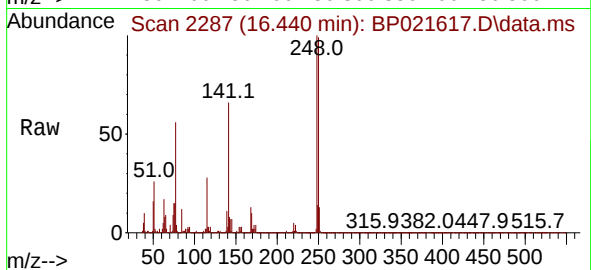
Tgt Ion:248 Resp: 911996

Ion Ratio Lower Upper

248 100

250 98.6 78.6 117.8

141 65.9 53.9 80.9



#68

Hexachlorobenzene

Concen: 39.738 ng

RT: 16.557 min Scan# 2307

Delta R.T. 0.024 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

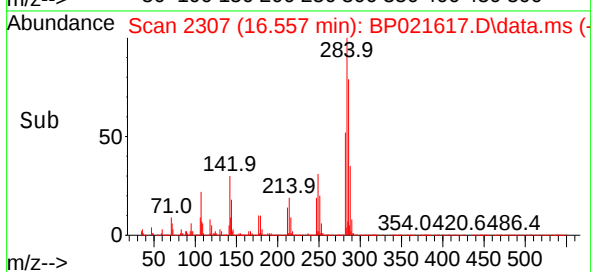
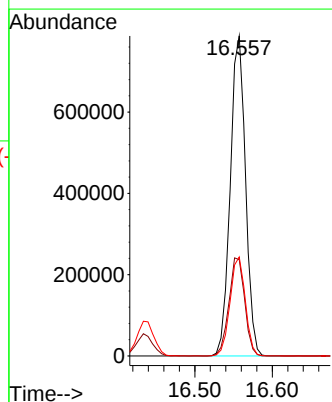
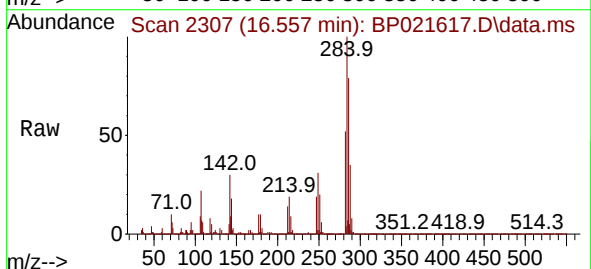
Tgt Ion:284 Resp: 1080240

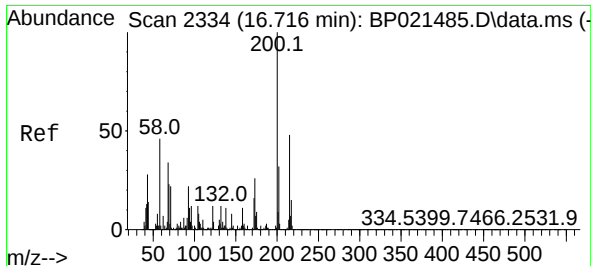
Ion Ratio Lower Upper

284 100

142 30.1 23.4 35.2

249 31.0 24.1 36.1





#69

Atrazine

Concen: 45.830 ng

RT: 16.722 min Scan# 2335

Delta R.T. 0.024 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

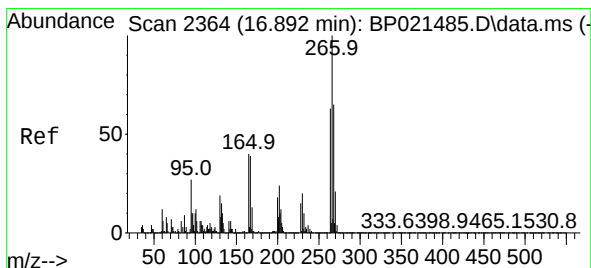
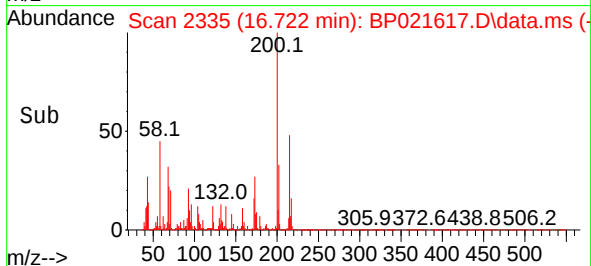
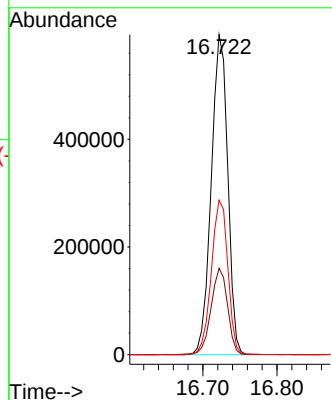
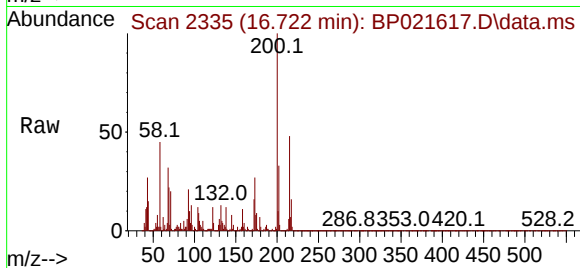
Tgt Ion:200 Resp: 916490

Ion Ratio Lower Upper

200 100

173 27.0 6.2 46.2

215 48.3 28.4 68.4



#70

Pentachlorophenol

Concen: 99.612 ng

RT: 16.904 min Scan# 2366

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

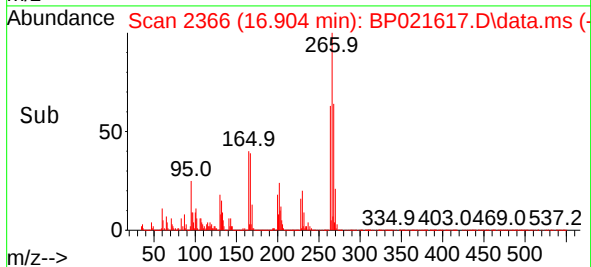
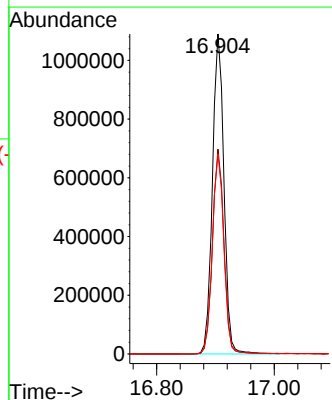
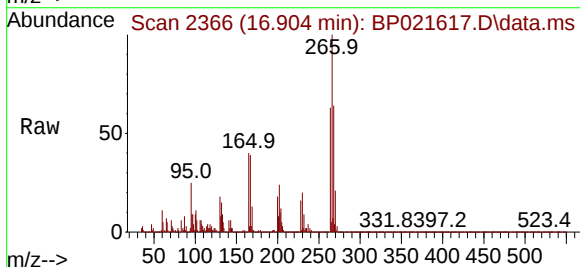
Tgt Ion:266 Resp: 1477962

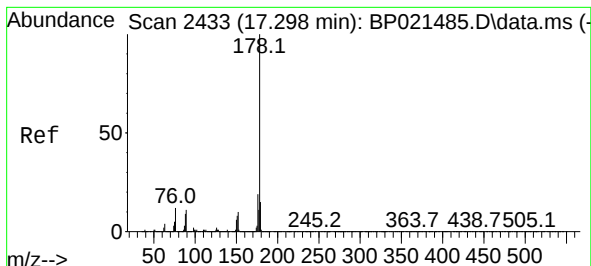
Ion Ratio Lower Upper

266 100

268 64.0 51.8 77.6

264 62.5 50.5 75.7





#71

Phenanthrene

Concen: 42.914 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

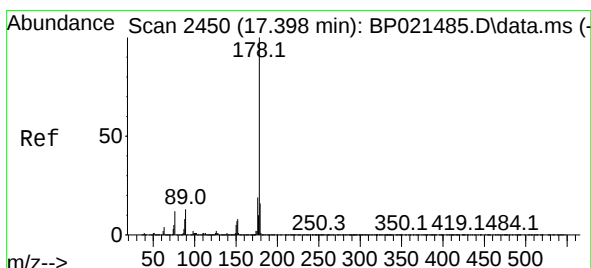
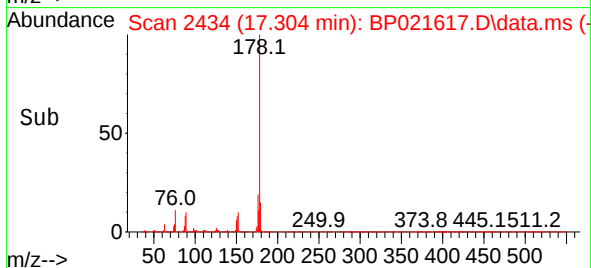
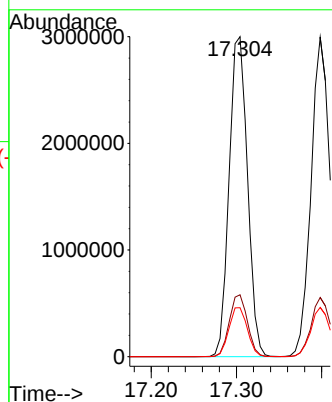
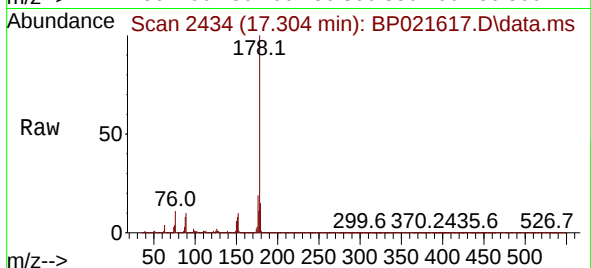
Tgt Ion:178 Resp: 4485609

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.3 12.4 18.6



#72

Anthracene

Concen: 44.996 ng

RT: 17.398 min Scan# 2450

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

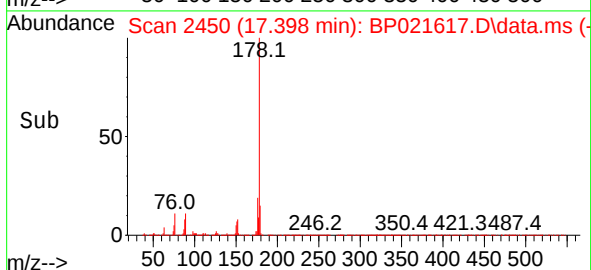
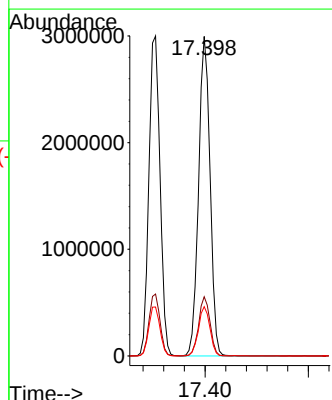
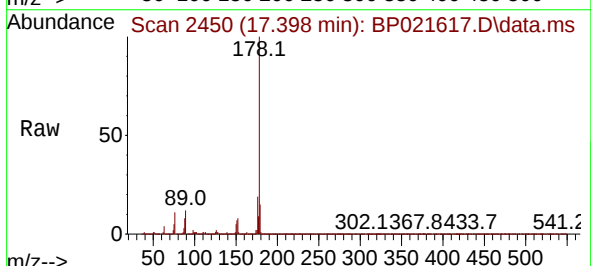
Tgt Ion:178 Resp: 4612571

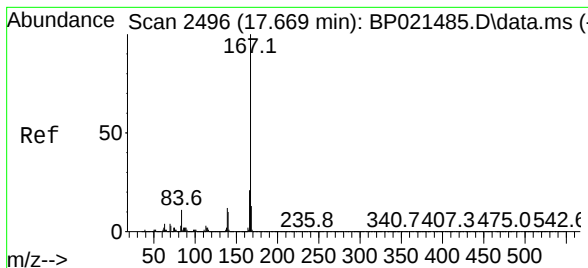
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.4 12.5 18.7





#73

Carbazole

Concen: 42.992 ng

RT: 17.675 min Scan# 2496

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

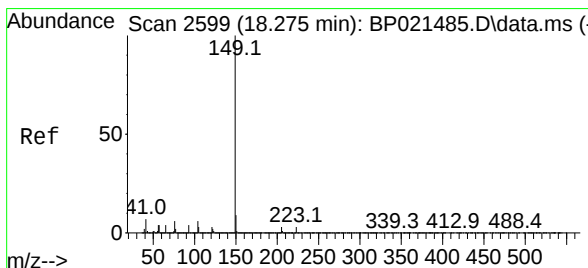
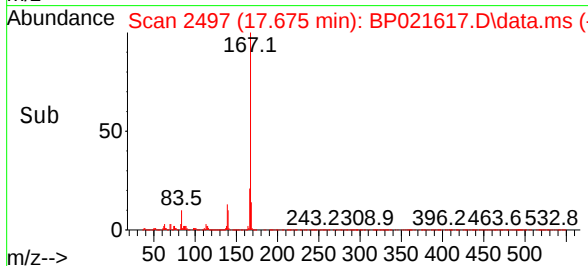
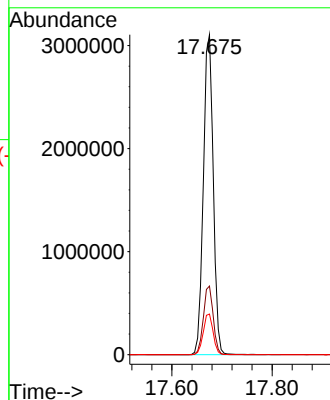
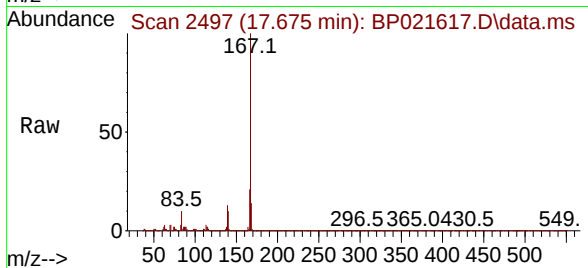
Tgt Ion:167 Resp: 4247243

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.7 9.9 14.9



#74

Di-n-butylphthalate

Concen: 42.187 ng

RT: 18.275 min Scan# 2599

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

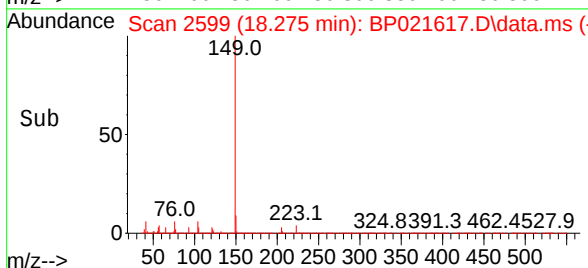
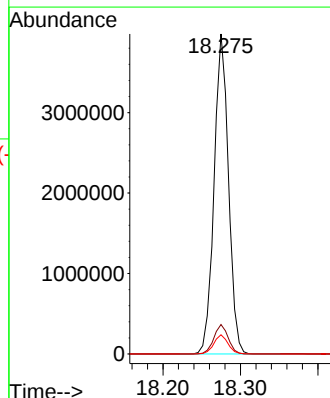
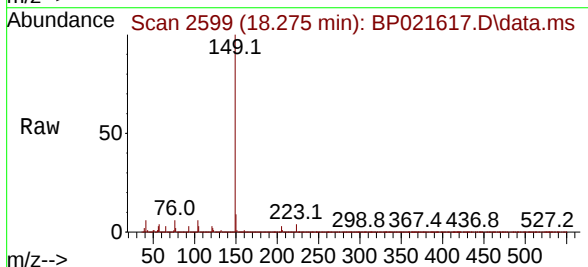
Tgt Ion:149 Resp: 5118439

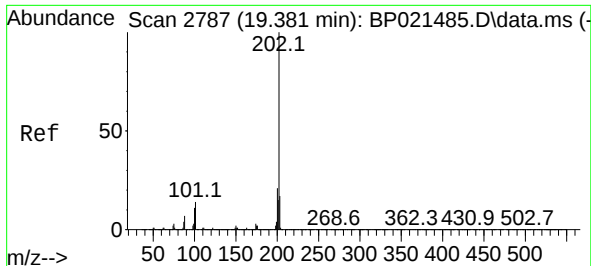
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 6.0 4.9 7.3

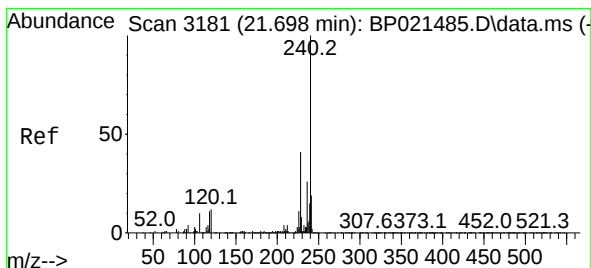
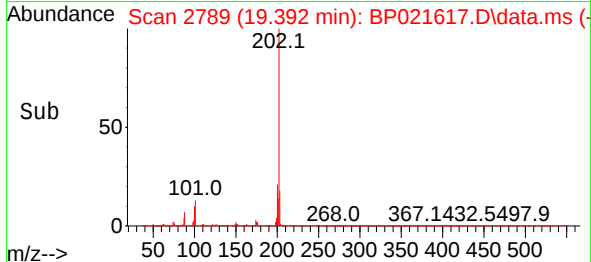
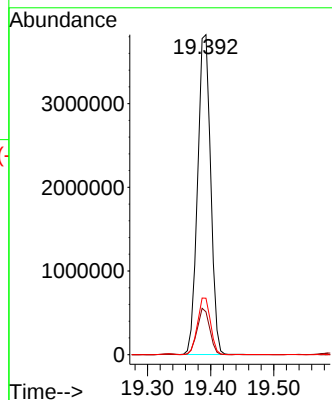
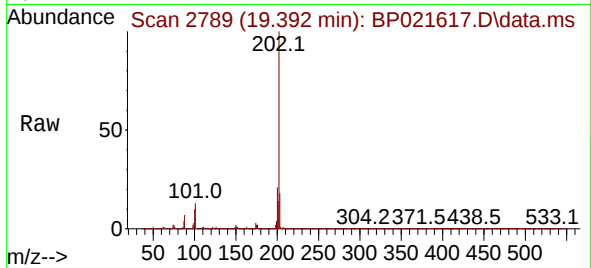




#75
Fluoranthene
Concen: 42.581 ng
RT: 19.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

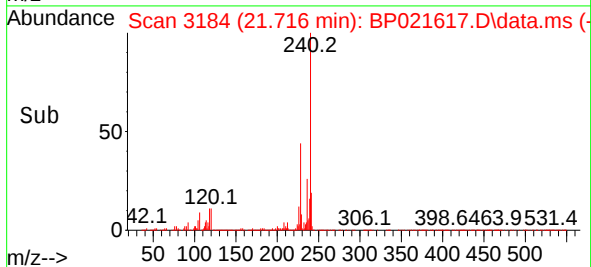
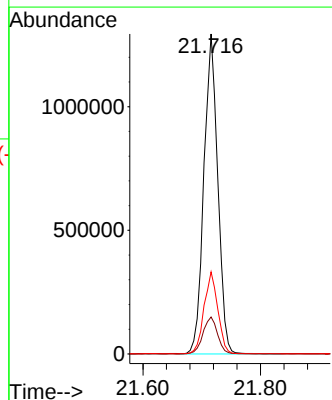
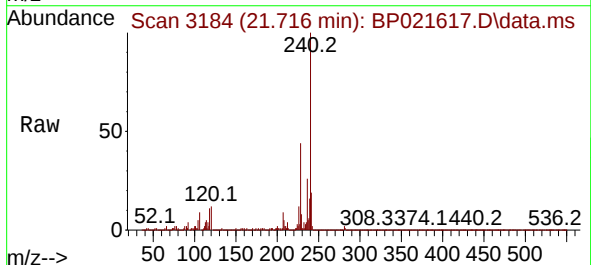
Instrument :
BNA_P
ClientSampleId :
WC-1MSD

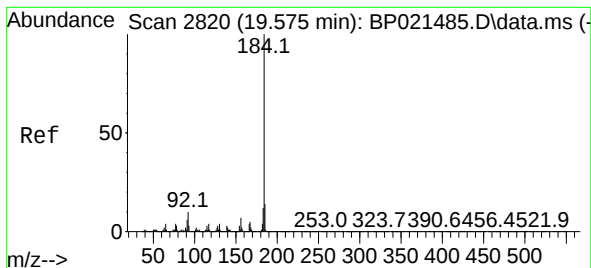
Tgt Ion:202 Resp: 5461102
Ion Ratio Lower Upper
202 100
101 13.4 0.0 34.0
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BP021617.D
Acq: 22 Aug 2024 17:14

Tgt Ion:240 Resp: 2118408
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.6 20.6 30.8





#77

Benzidine

Concen: 91.170 ng

RT: 19.586 min Scan# 2820

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

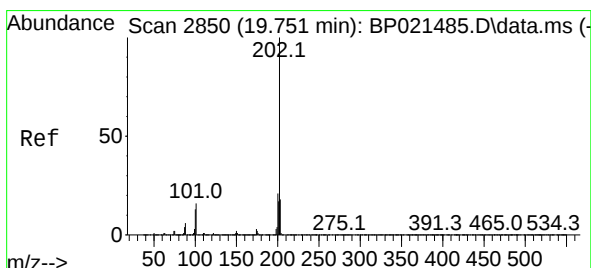
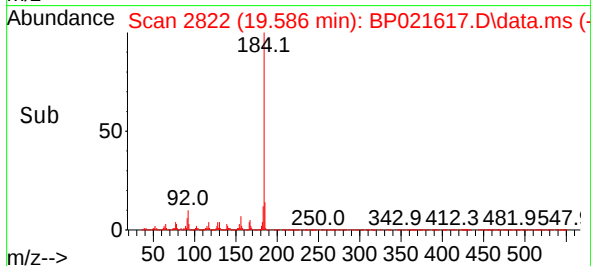
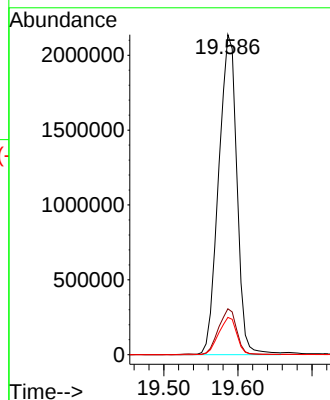
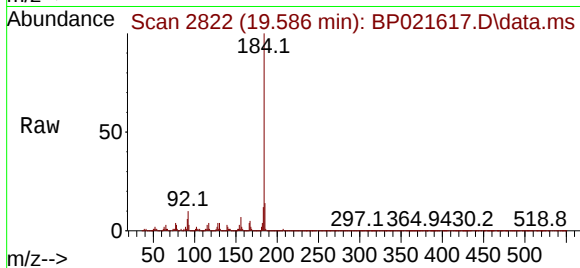
Tgt Ion:184 Resp: 3659555

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.6 9.3 13.9



#78

Pyrene

Concen: 41.130 ng

RT: 19.763 min Scan# 2852

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

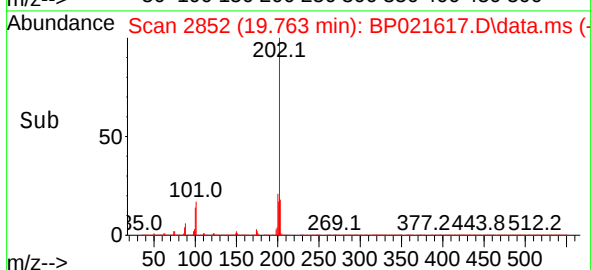
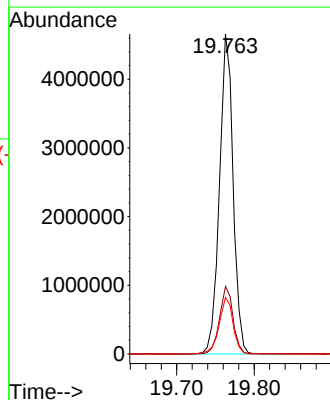
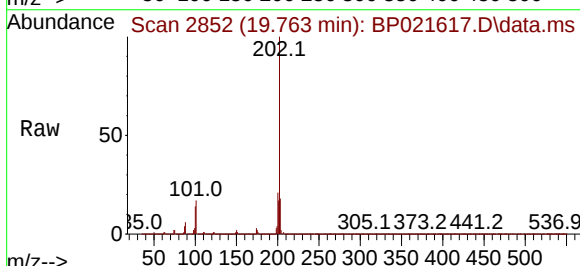
Tgt Ion:202 Resp: 5695014

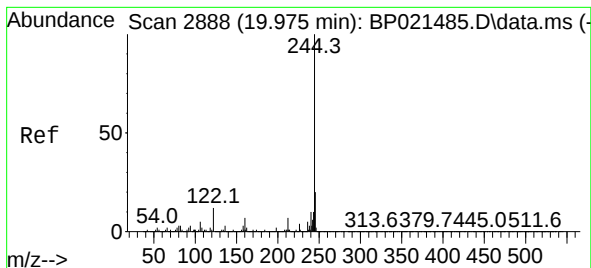
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 47.814 ng

RT: 19.986 min Scan# 2888

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

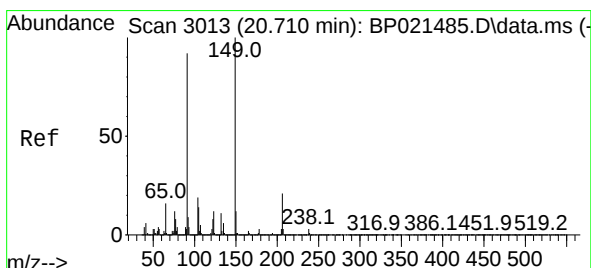
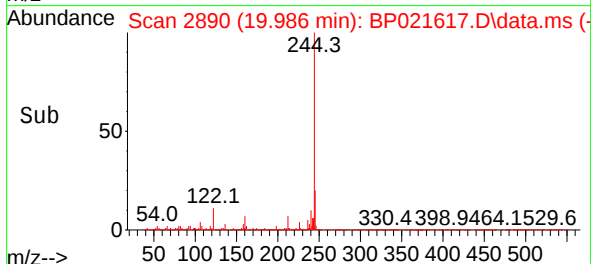
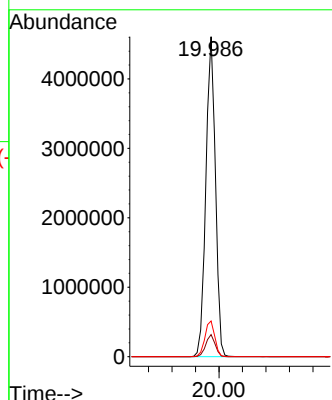
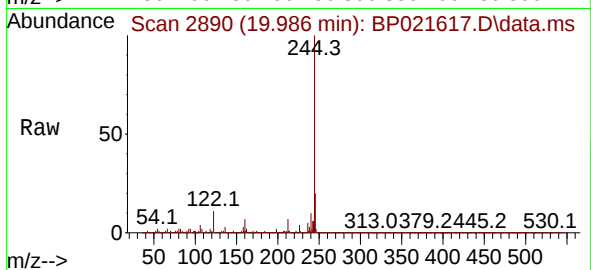
Tgt Ion:244 Resp: 5213806

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 45.841 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

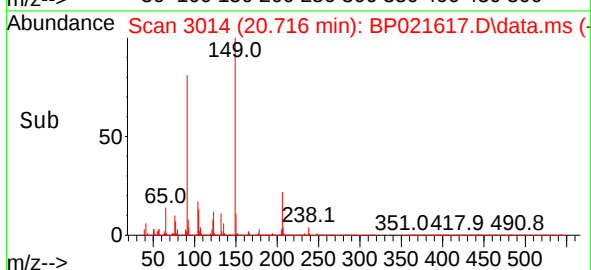
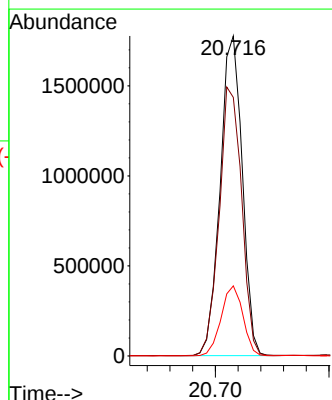
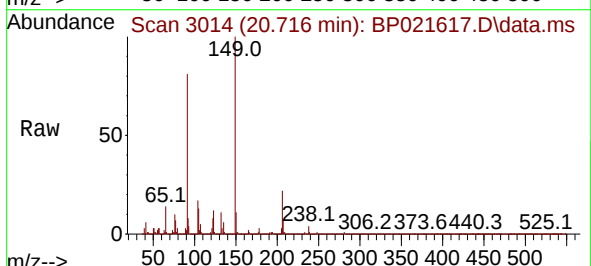
Tgt Ion:149 Resp: 2399789

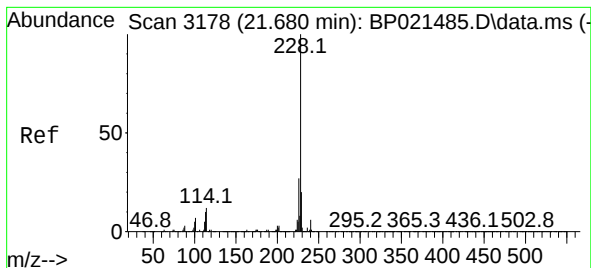
Ion Ratio Lower Upper

149 100

91 80.8 73.3 109.9

206 21.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.742 ng

RT: 21.698 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

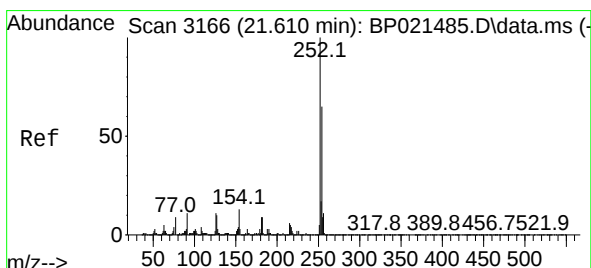
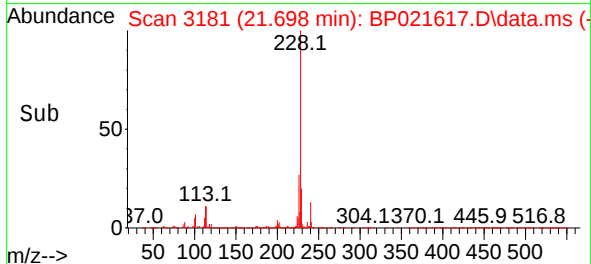
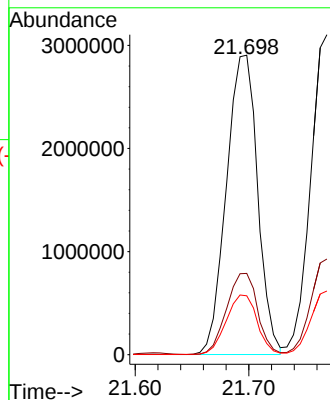
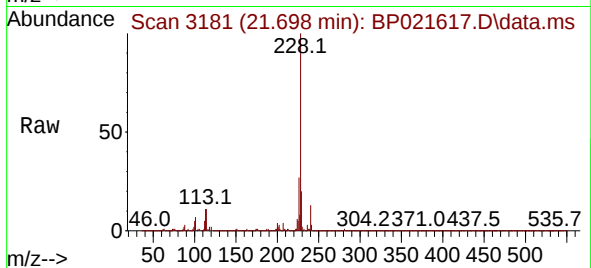
Tgt Ion:228 Resp: 5551087

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.210 ng

RT: 21.616 min Scan# 3167

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

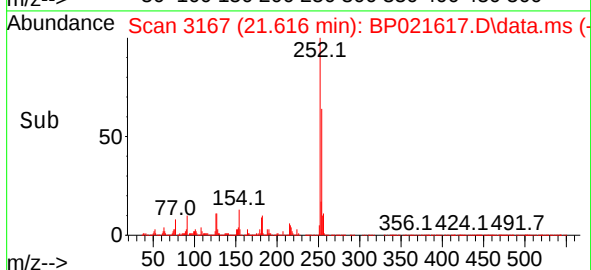
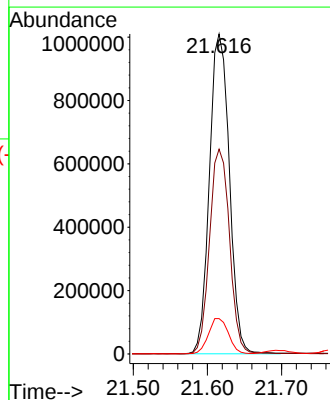
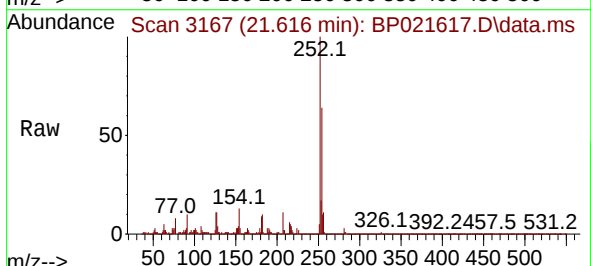
Tgt Ion:252 Resp: 1885033

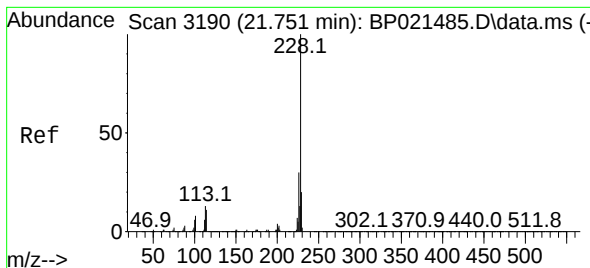
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 11.0 8.7 13.1





#83

Chrysene

Concen: 42.050 ng

RT: 21.769 min Scan# 3193

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

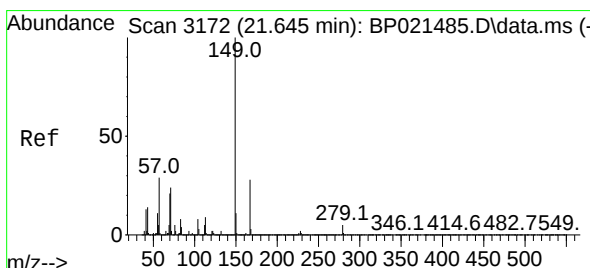
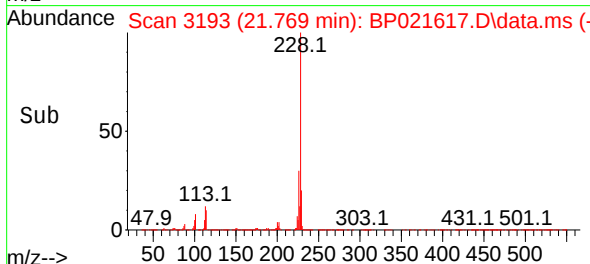
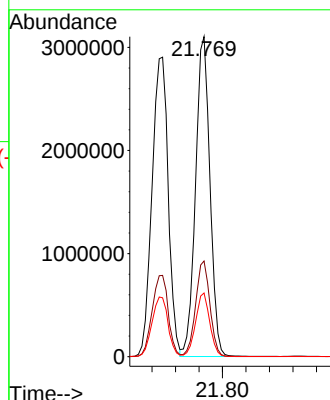
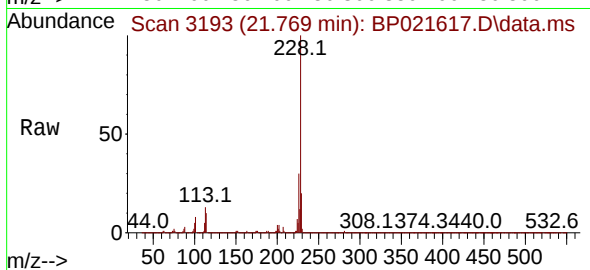
Tgt Ion:228 Resp: 5279683

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.469 ng

RT: 21.651 min Scan# 3173

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

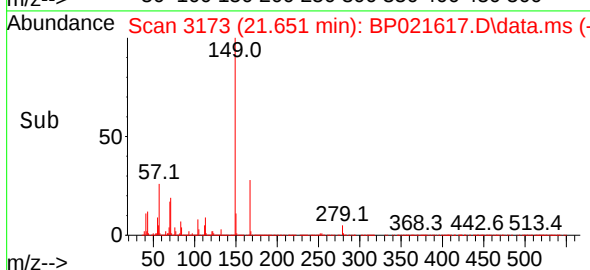
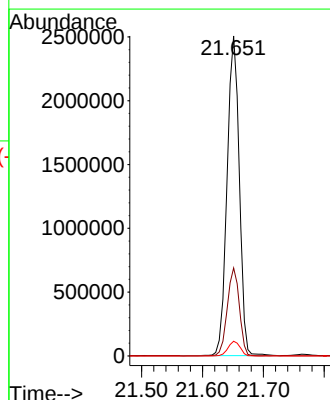
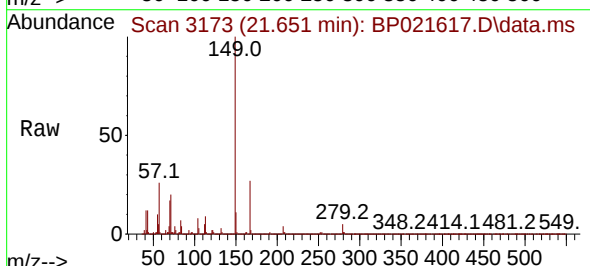
Tgt Ion:149 Resp: 3495203

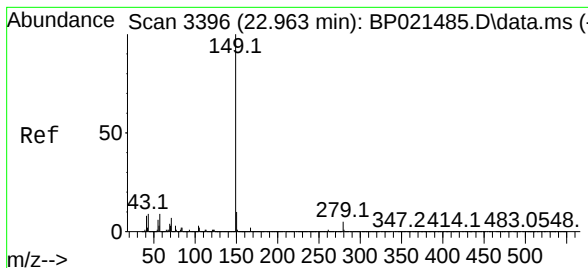
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 44.590 ng

RT: 22.969 min Scan# 3396

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

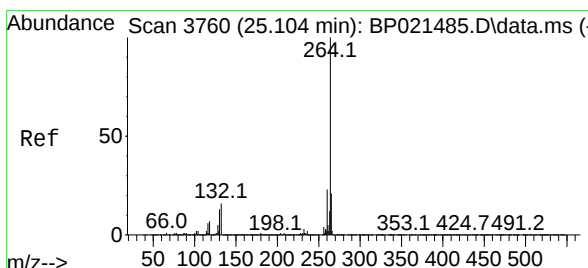
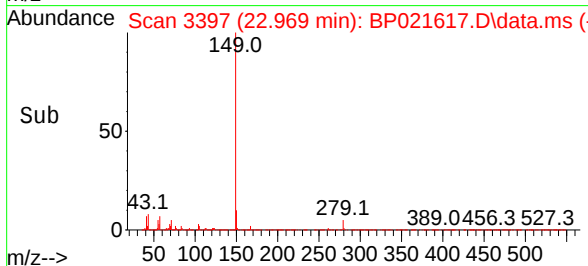
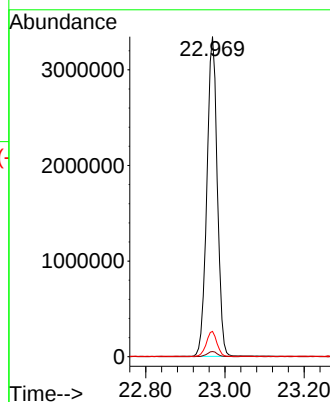
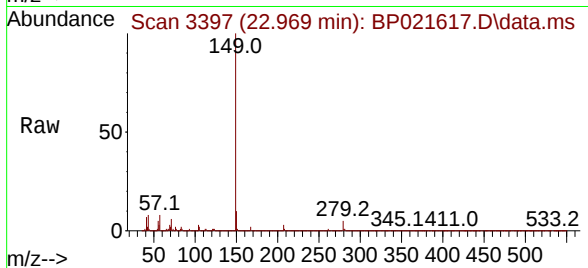
Tgt Ion:149 Resp: 6103776

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.145 min Scan# 3767

Delta R.T. -0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

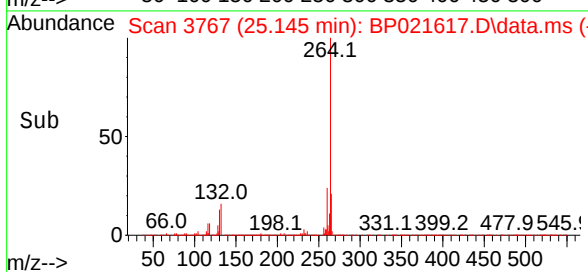
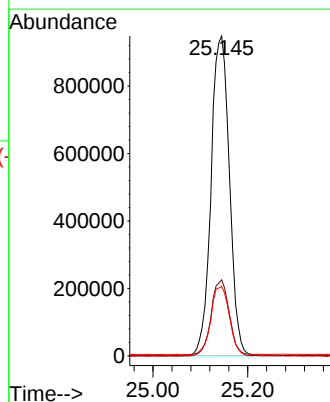
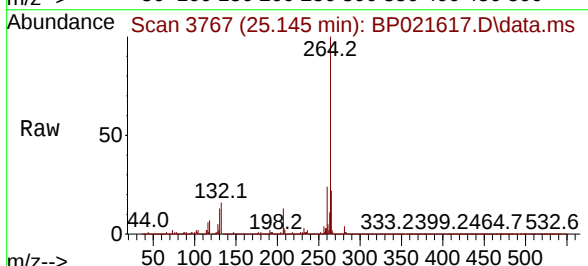
Tgt Ion:264 Resp: 2549805

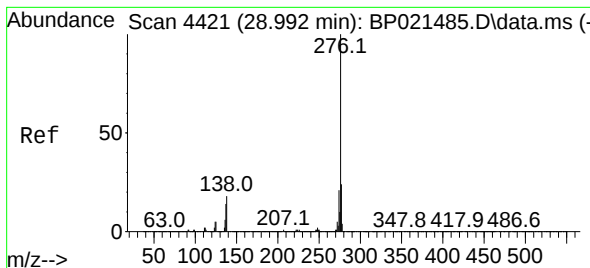
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.027 ng

RT: 29.057 min Scan# 4421

Delta R.T. 0.000 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

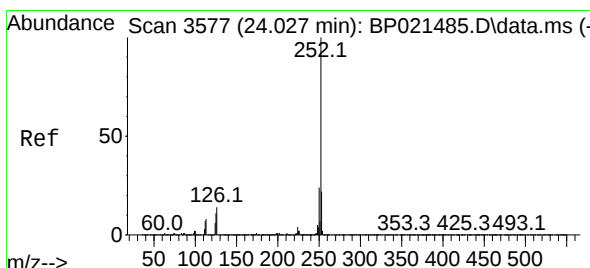
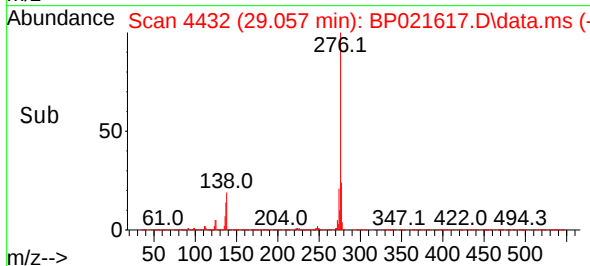
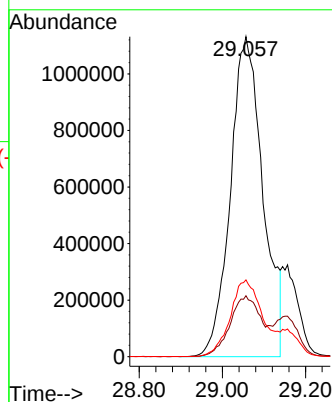
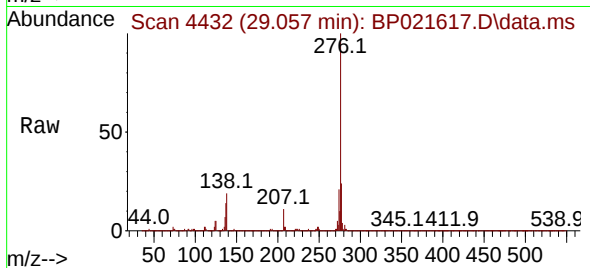
Tgt Ion:276 Resp: 6119961

Ion Ratio Lower Upper

276 100

138 18.5 12.8 19.2

277 23.4 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 38.797 ng

RT: 24.074 min Scan# 3585

Delta R.T. 0.018 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

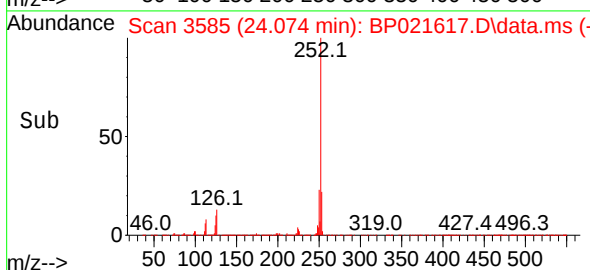
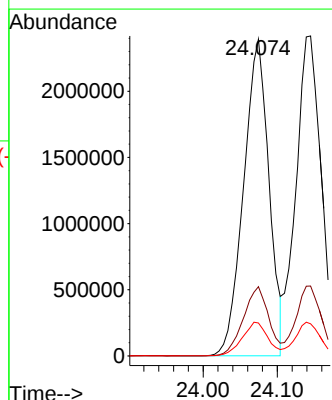
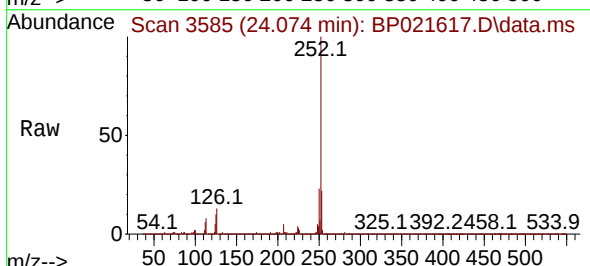
Tgt Ion:252 Resp: 5681405

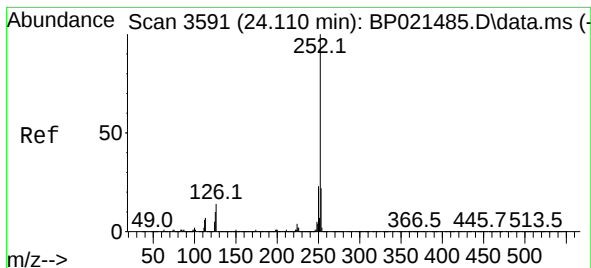
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.799 ng

RT: 24.145 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

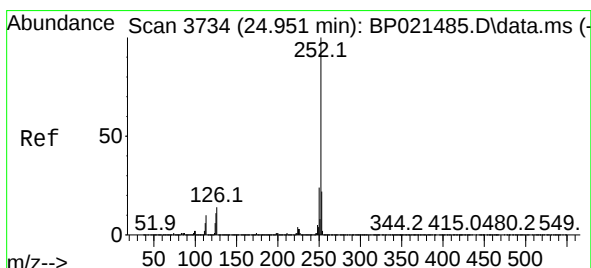
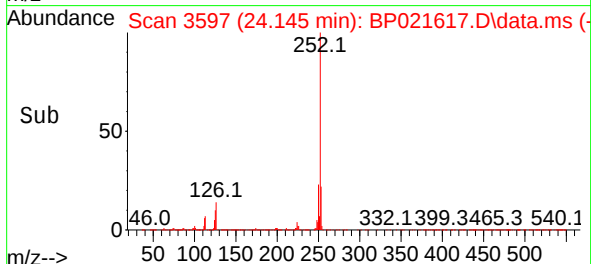
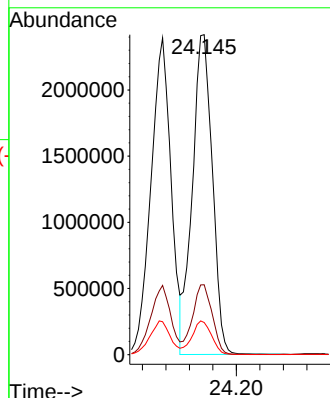
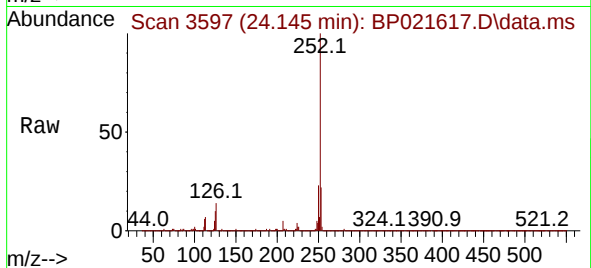
Tgt Ion:252 Resp: 5685499

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.0 7.8 11.8



#90

Benzo(a)pyrene

Concen: 43.685 ng

RT: 24.992 min Scan# 3741

Delta R.T. 0.012 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

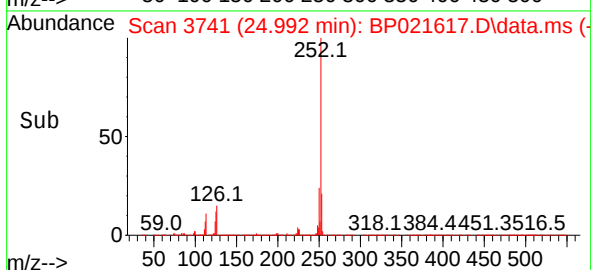
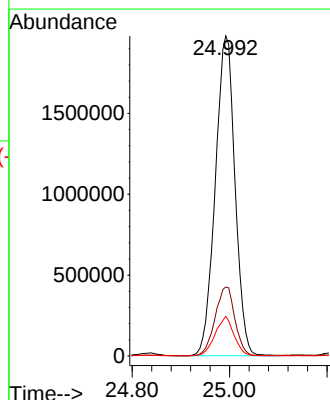
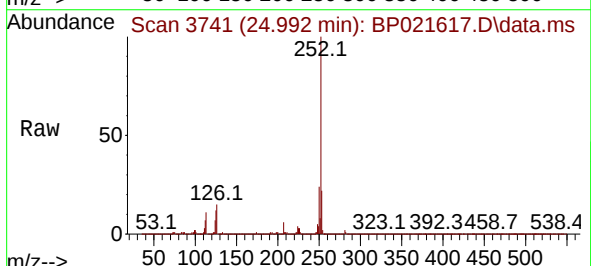
Tgt Ion:252 Resp: 5551628

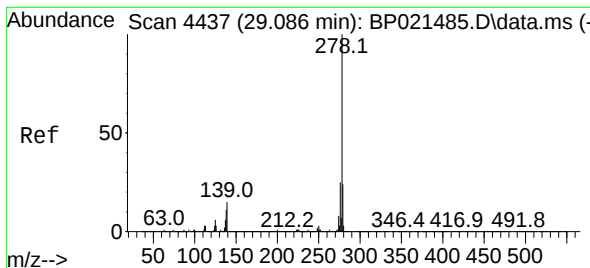
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 12.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 41.245 ng

RT: 29.157 min Scan# 4449

Delta R.T. 0.024 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Instrument :

BNA_P

ClientSampleId :

WC-1MSD

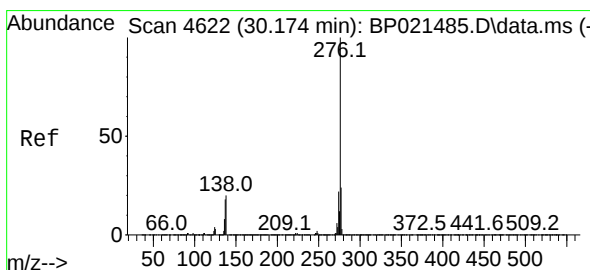
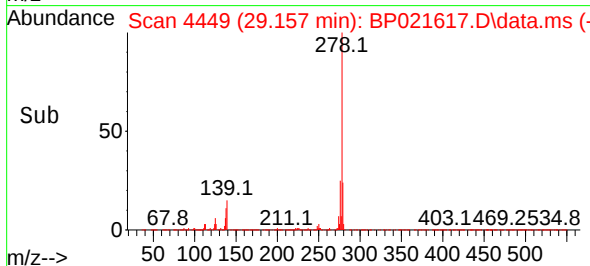
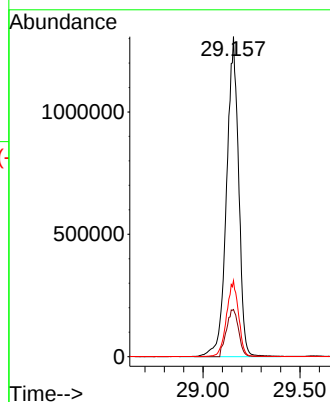
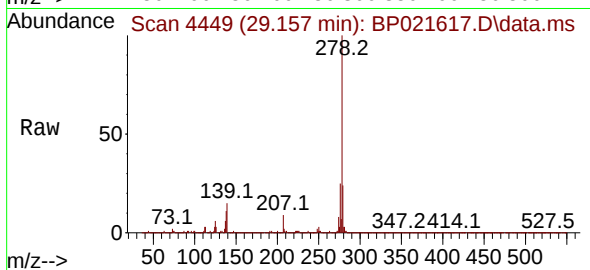
Tgt Ion:278 Resp: 5664144

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 39.021 ng

RT: 30.268 min Scan# 4638

Delta R.T. 0.006 min

Lab File: BP021617.D

Acq: 22 Aug 2024 17:14

Tgt Ion:276 Resp: 5370976

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.6

138 20.6 16.0 24.0

