

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021610.D
 Acq On : 22 Aug 2024 12:15
 Operator : RC/JU
 Sample : PB162379BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162379BS

Quant Time: Aug 22 12:55:16 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	7.799	152	300018	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1213667	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	825465	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1869995	20.000	ng	0.01
76) Chrysene-d12	21.716	240	1887514	20.000	ng	0.00
86) Perylene-d12	25.151	264	2236788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2660384	131.669	ng	0.00
7) Phenol-d6	6.975	99	3757095	127.469	ng	0.00
23) Nitrobenzene-d5	8.952	82	2197218	93.444	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1473211	160.357	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4458685	82.434	ng	0.00
79) Terphenyl-d14	19.986	244	8500671	87.493	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	295085	30.801	ng	98
3) Pyridine	3.717	79	864333	32.318	ng	95
4) n-Nitrosodimethylamine	3.623	42	357150	44.429	ng	90
6) Aniline	7.128	93	1133956	38.483	ng	97
8) 2-Chlorophenol	7.369	128	977313	52.341	ng	95
9) Benzaldehyde	6.946	77	67393m	3.571	ng	
10) Phenol	6.999	94	1478547	48.442	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	1064642	41.223	ng	95
12) 1,3-Dichlorobenzene	7.693	146	966851	43.593	ng	98
13) 1,4-Dichlorobenzene	7.840	146	993114	44.344	ng	97
14) 1,2-Dichlorobenzene	8.152	146	956298	44.309	ng	99
15) Benzyl Alcohol	8.034	79	1000290	47.299	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1017990	42.802	ng	96
17) 2-Methylphenol	8.240	107	961287	49.819	ng	97
18) Hexachloroethane	8.881	117	403169	44.892	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	788929	38.748	ng	# 95
20) 3+4-Methylphenols	8.563	107	1339693	51.492	ng	98
22) Acetophenone	8.622	105	1531268	41.069	ng	# 97
24) Nitrobenzene	8.993	77	1194412	46.769	ng	93
25) Isophorone	9.522	82	2348363	42.275	ng	97
26) 2-Nitrophenol	9.699	139	471316	62.946	ng	96
27) 2,4-Dimethylphenol	9.763	122	770693	56.218	ng	95
28) bis(2-Chloroethoxy)met...	9.999	93	1477916	43.585	ng	99
29) 2,4-Dichlorophenol	10.240	162	938959	57.969	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	933587	44.957	ng	98
31) Naphthalene	10.640	128	2889187	45.569	ng	99
32) Benzoic acid	9.899	122	711231	67.704	ng	93
33) 4-Chloroaniline	10.740	127	945587	39.704	ng	97
34) Hexachlorobutadiene	10.934	225	543399	41.559	ng	99
35) Caprolactam	11.528	113	367368	54.489	ng	91
36) 4-Chloro-3-methylphenol	11.869	107	1270793	56.558	ng	96
37) 2-Methylnaphthalene	12.257	142	2045533	47.272	ng	100
38) 1-Methylnaphthalene	12.475	142	1918919	44.963	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	995119	41.144	ng	98
41) Hexachlorocyclopentadiene	12.610	237	1059706	138.243	ng	97
43) 2,4,6-Trichlorophenol	12.869	196	793458	59.059	ng	98

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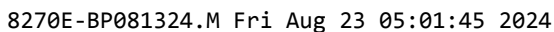
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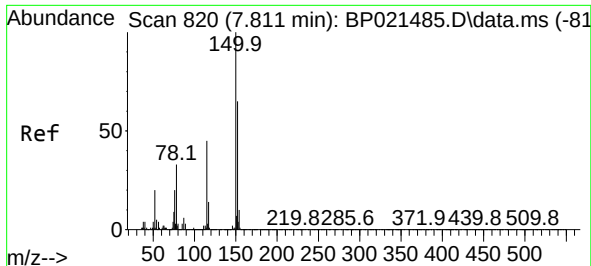
Quant Time: Aug 22 12:55:16 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	877505	58.787	ng	96
46) 1,1'-Biphenyl	13.269	154	2518120	43.117	ng	98
47) 2-Chloronaphthalene	13.310	162	2100248	46.191	ng	99
48) 2-Nitroaniline	13.510	65	773204	59.315	ng	# 87
49) Acenaphthylene	14.169	152	3576620	53.510	ng	100
50) Dimethylphthalate	13.904	163	2841671	51.405	ng	99
51) 2,6-Dinitrotoluene	14.010	165	635921	56.271	ng	94
52) Acenaphthene	14.516	154	2444000m	55.727	ng	
53) 3-Nitroaniline	14.340	138	560472	50.862	ng	# 91
54) 2,4-Dinitrophenol	14.557	184	666701	129.190	ng	# 88
55) Dibenzofuran	14.857	168	3356600	49.753	ng	99
56) 4-Nitrophenol	14.663	139	1222464	129.951	ng	88
57) 2,4-Dinitrotoluene	14.816	165	911666	62.568	ng	89
58) Fluorene	15.516	166	2683098	48.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	804831	63.524	ng	98
60) Diethylphthalate	15.287	149	2941250	51.855	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	1362347	47.552	ng	98
62) 4-Nitroaniline	15.528	138	715493	62.541	ng	93
63) Azobenzene	15.810	77	3213563	46.091	ng	96
65) 4,6-Dinitro-2-methylph...	15.587	198	482477	72.030	ng	99
66) n-Nitrosodiphenylamine	15.728	169	2480588	49.500	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	922370	46.605	ng	97
68) Hexachlorobenzene	16.545	284	1089831	46.597	ng	97
69) Atrazine	16.704	200	867857	50.441	ng	99
70) Pentachlorophenol	16.904	266	1447374	113.381	ng	99
71) Phenanthrene	17.304	178	4566475	50.777	ng	100
72) Anthracene	17.392	178	4602971	52.189	ng	100
73) Carbazole	17.675	167	4437015	52.201	ng	99
74) Di-n-butylphthalate	18.275	149	5295157	50.725	ng	99
75) Fluoranthene	19.392	202	5673653	51.417	ng	100
77) Benzidine	19.575	184	1995597	45.965	ng	100
78) Pyrene	19.769	202	5953959	48.260	ng	100
80) Butylbenzylphthalate	20.716	149	2527344	53.527	ng	93
81) Benzo(a)anthracene	21.698	228	6035949	50.940	ng	99
82) 3,3'-Dichlorobenzidine	21.610	252	1925402	50.680	ng	98
83) Chrysene	21.769	228	5727442	51.196	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	3769656	53.827	ng	99
85) Di-n-octyl phthalate	22.969	149	6582139	52.950	ng	97
87) Indeno(1,2,3-cd)pyrene	29.051	276	7529808m	51.933	ng	
88) Benzo(b)fluoranthene	24.069	252	6596243	51.347	ng	100
89) Benzo(k)fluoranthene	24.145	252	6081763	48.531	ng	99
90) Benzo(a)pyrene	24.992	252	6036429	54.148	ng	99
91) Dibenzo(a,h)anthracene	29.151	278	6113949	50.750	ng	100
92) Benzo(g,h,i)perylene	30.262	276	5903037	48.888	ng	99

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

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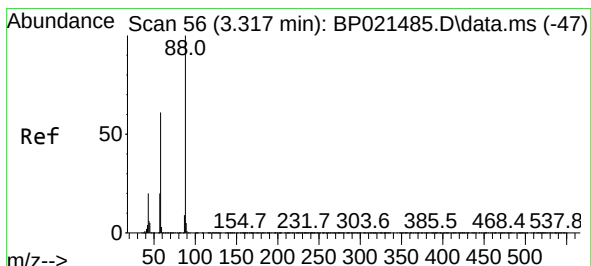
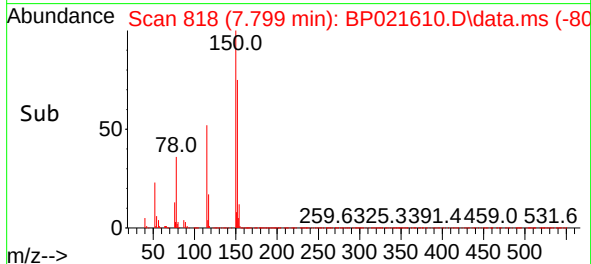
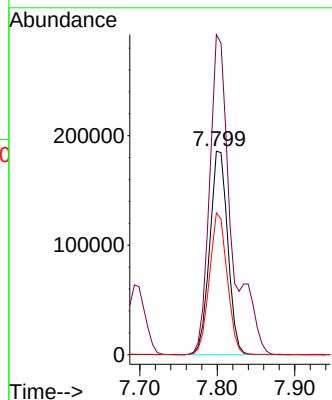
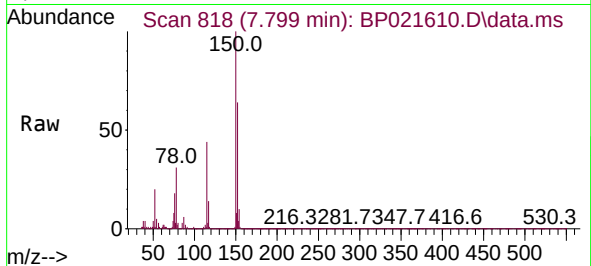




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021610.D
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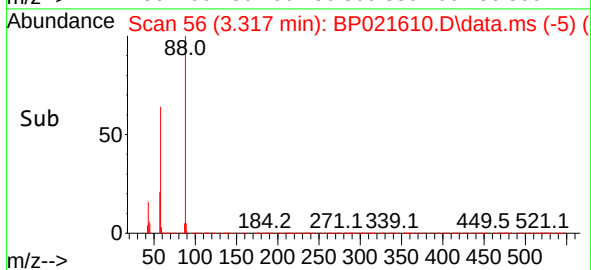
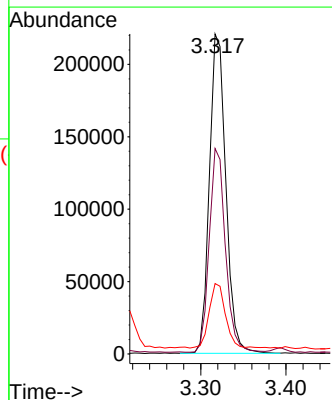
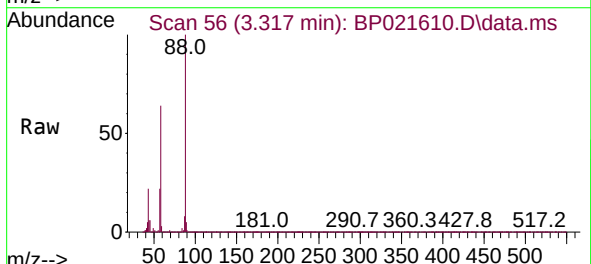
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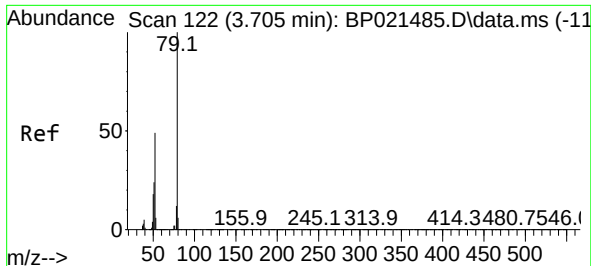
Tgt Ion:152 Resp: 300018
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.4 183.6
 115 69.6 54.7 82.1



#2
 1,4-Dioxane
 Concen: 30.801 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021610.D
 Acq: 22 Aug 2024 12:15

Tgt Ion: 88 Resp: 295085
 Ion Ratio Lower Upper
 88 100
 58 62.7 48.7 73.1
 43 20.2 15.4 23.2

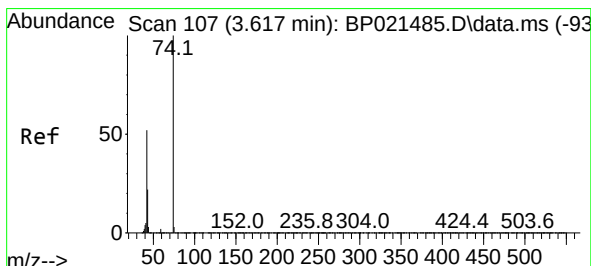
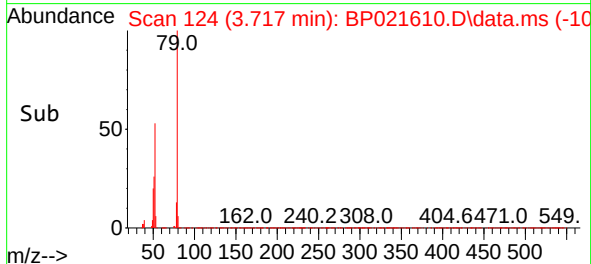
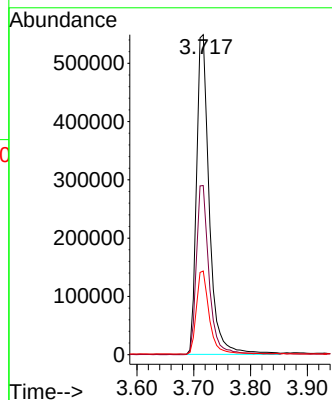
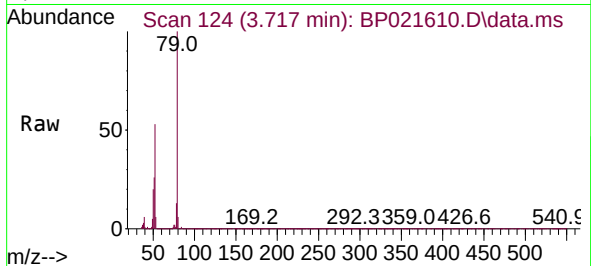




#3
Pyridine
Concen: 32.318 ng
RT: 3.717 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

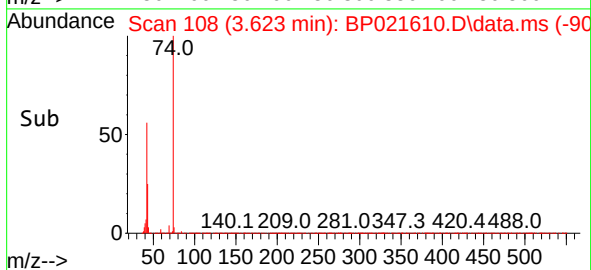
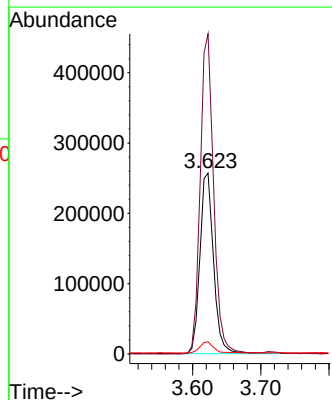
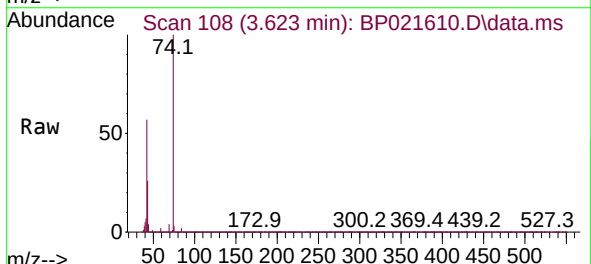
Instrument :
BNA_P
ClientSampleId :
PB162379BS

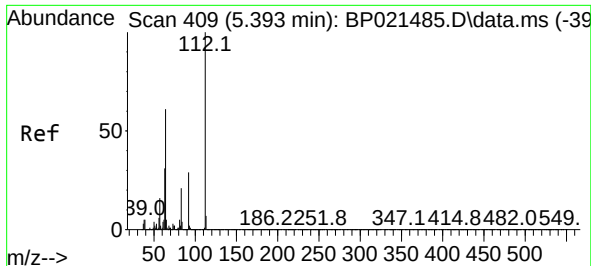
Tgt Ion: 79 Resp: 864333
Ion Ratio Lower Upper
79 100
52 52.9 39.0 58.6
51 26.1 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 44.429 ng
RT: 3.623 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 42 Resp: 357150
Ion Ratio Lower Upper
42 100
74 176.9 154.3 231.5
44 6.8 6.2 9.4

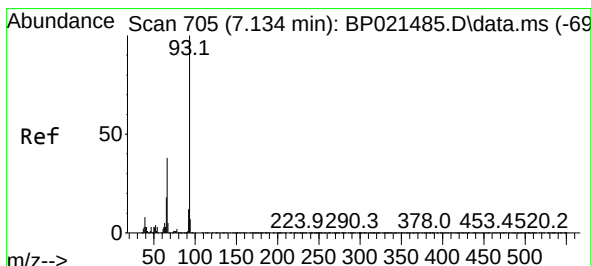
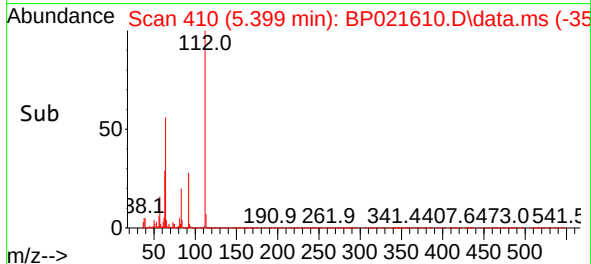
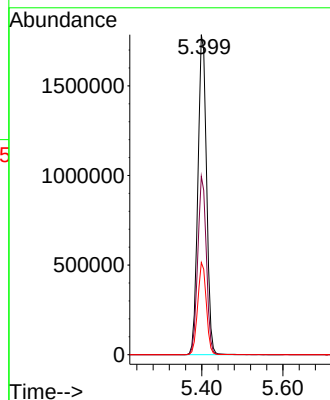
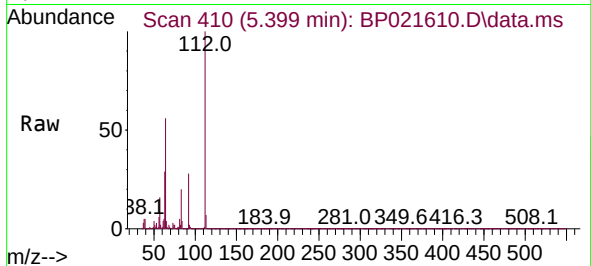




#5
2-Fluorophenol
Concen: 131.669 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

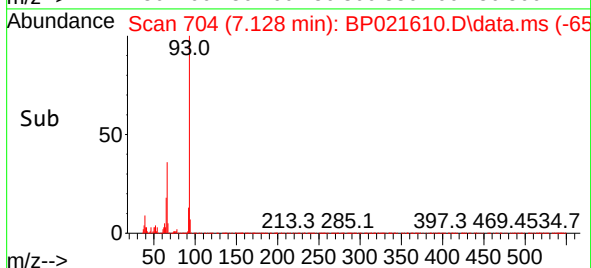
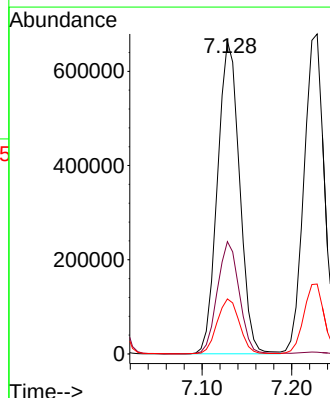
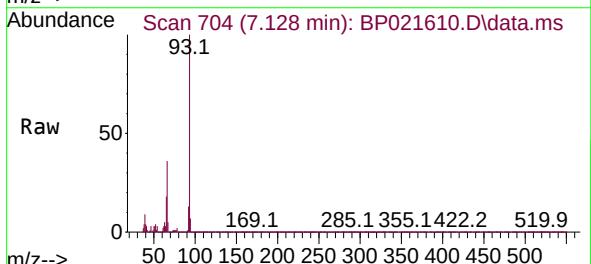
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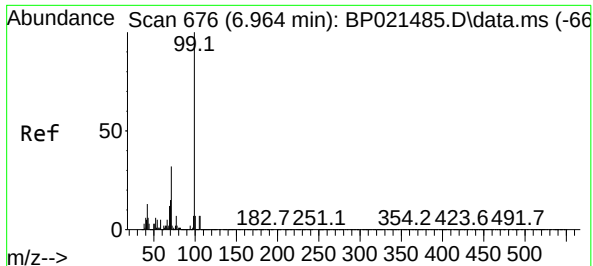
Tgt Ion:112 Resp: 2660384
Ion Ratio Lower Upper
112 100
64 55.8 49.0 73.6
63 28.8 24.6 36.8



#6
Aniline
Concen: 38.483 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 93 Resp: 1133956
Ion Ratio Lower Upper
93 100
66 35.9 30.2 45.2
65 17.6 14.7 22.1

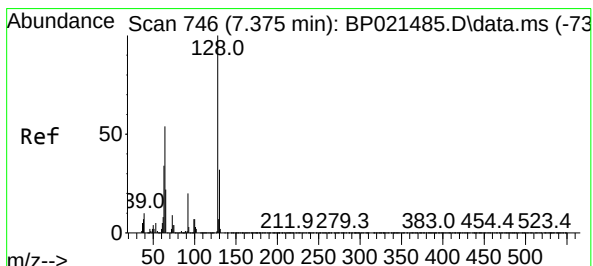
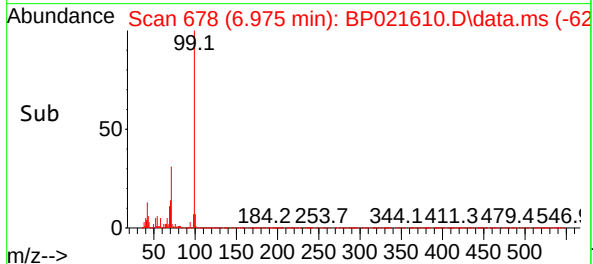
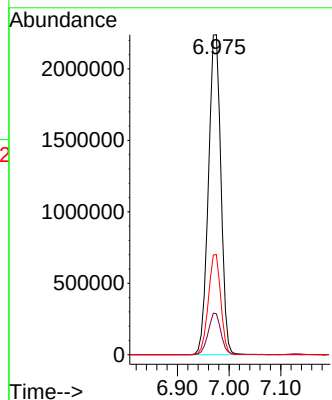
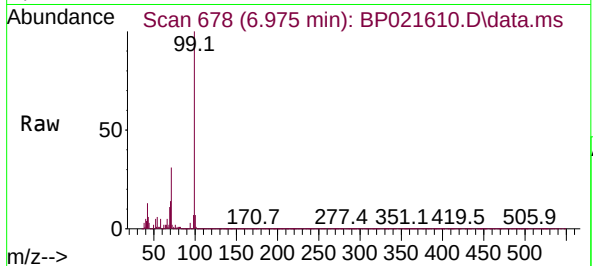




#7
Phenol-d6
Concen: 127.469 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

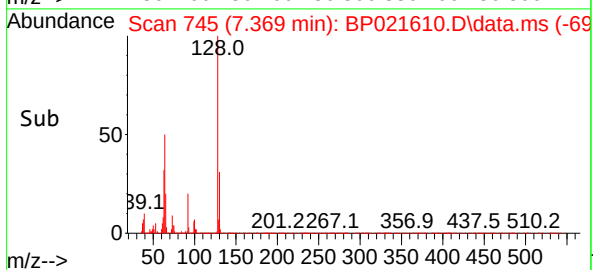
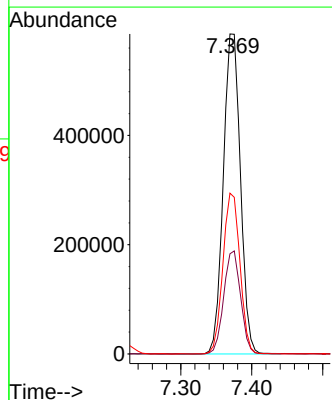
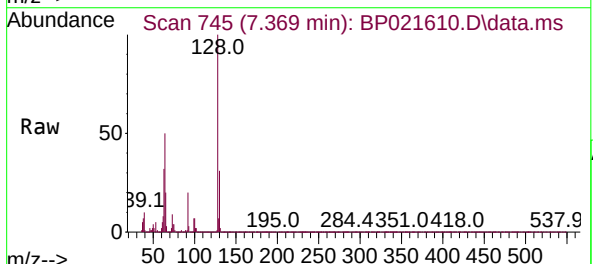
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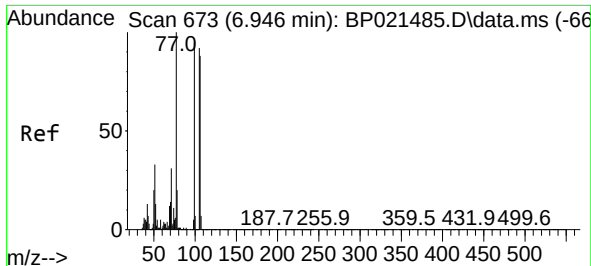
Tgt Ion: 99 Resp: 3757095
Ion Ratio Lower Upper
99 100
42 12.8 10.2 15.4
71 31.3 25.8 38.8



#8
2-Chlorophenol
Concen: 52.341 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 128 Resp: 977313
Ion Ratio Lower Upper
128 100
130 31.3 11.6 51.6
64 50.2 35.3 75.3

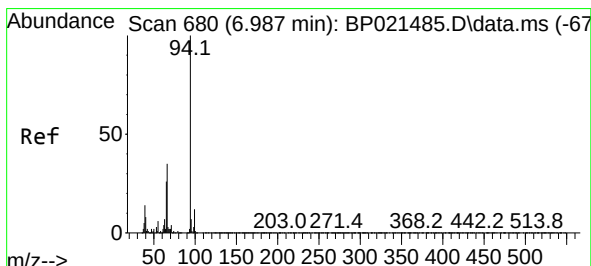
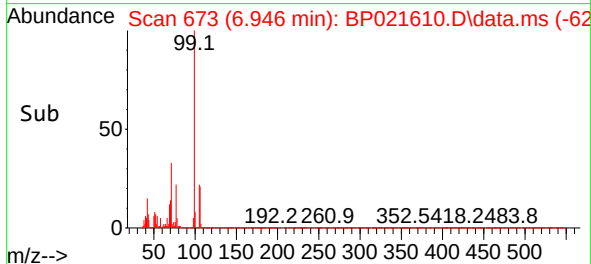
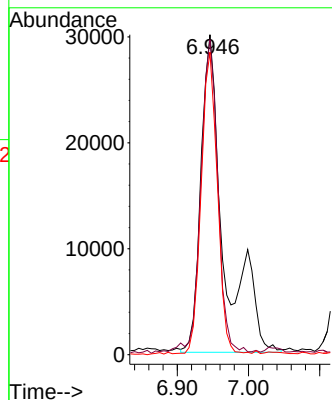
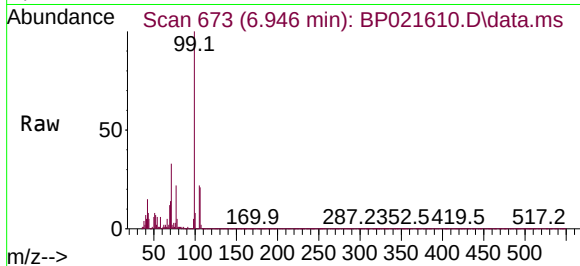




#9
Benzaldehyde
Concen: 3.571 ng m
RT: 6.946 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

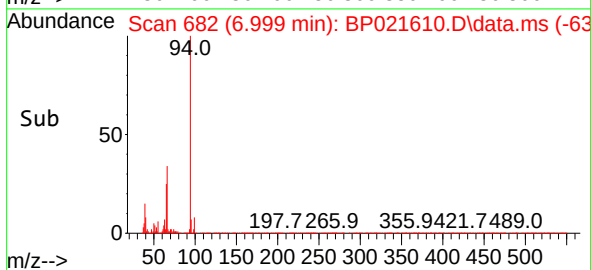
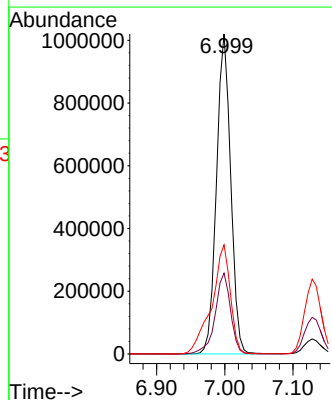
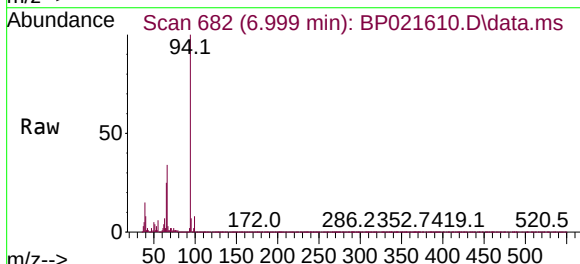
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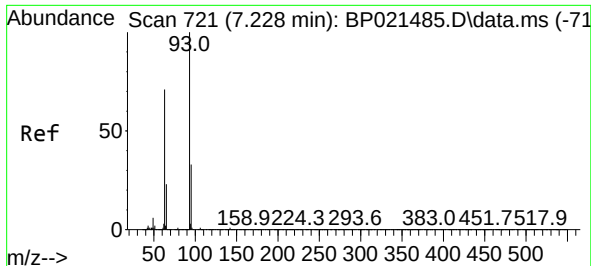
Tgt Ion: 77 Resp: 67393
Ion Ratio Lower Upper
77 100
105 98.4 72.1 112.1
106 94.5 67.9 107.9



#10
Phenol
Concen: 48.442 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP021610.D
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Tgt Ion: 94 Resp: 1478547
Ion Ratio Lower Upper
94 100
65 25.2 6.5 46.5
66 34.1 14.7 54.7

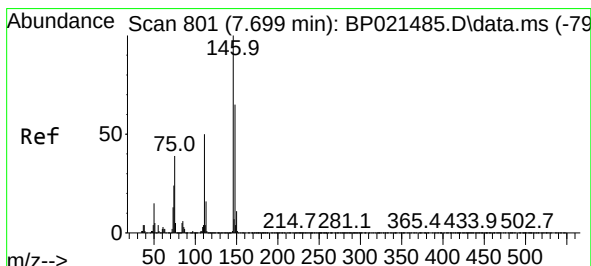
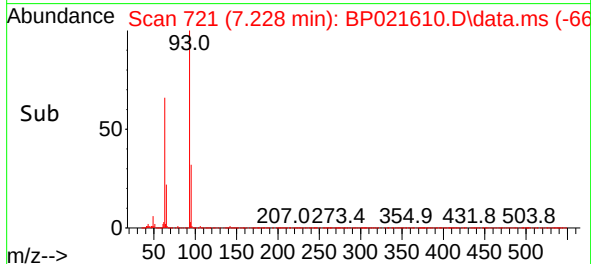
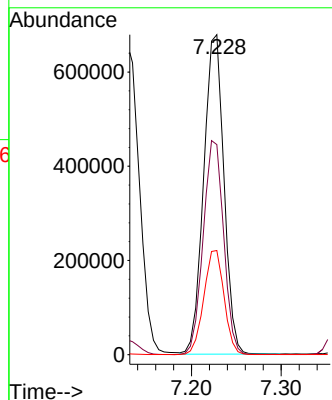
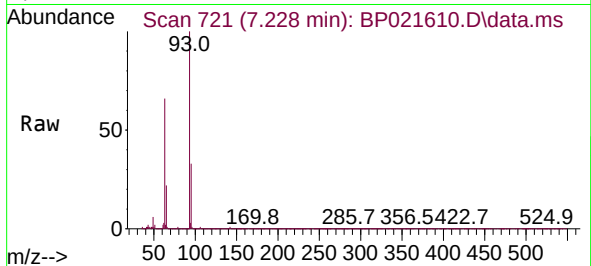




#11
bis(2-Chloroethyl)ether
Concen: 41.223 ng
RT: 7.228 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

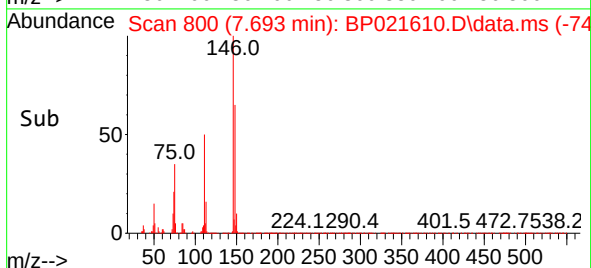
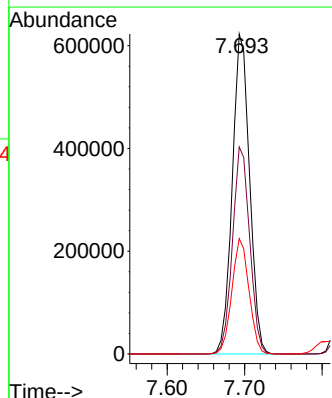
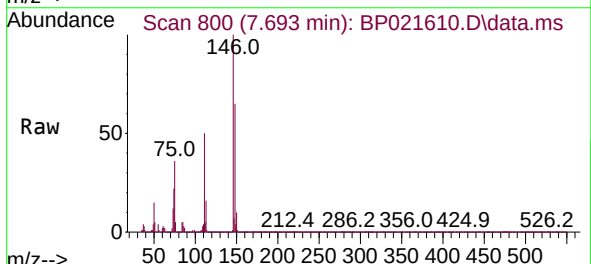
Instrument :
BNA_P
ClientSampleId :
PB162379BS

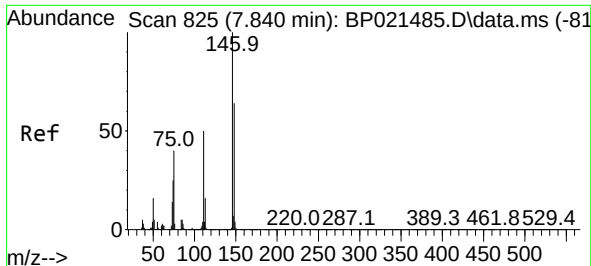
Tgt Ion: 93 Resp: 1064642
Ion Ratio Lower Upper
93 100
63 65.6 51.0 91.0
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.593 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 146 Resp: 966851
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 36.1 31.3 46.9

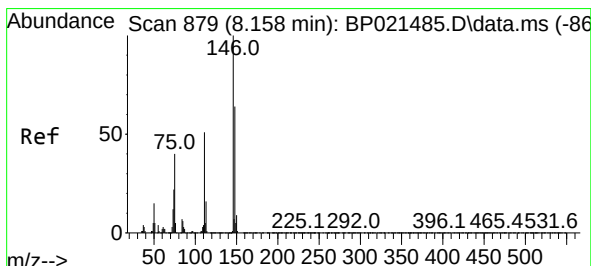
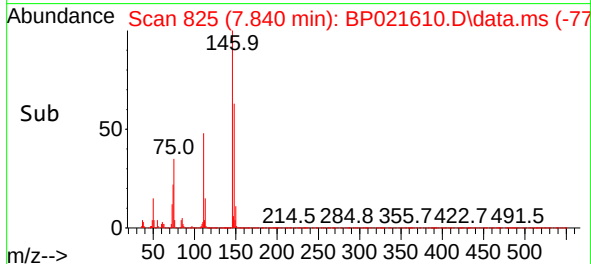
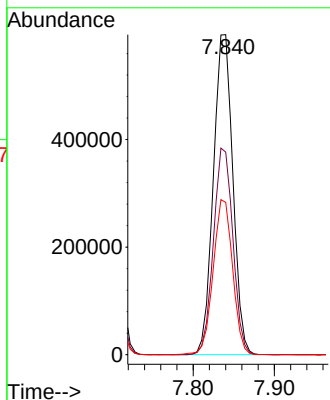
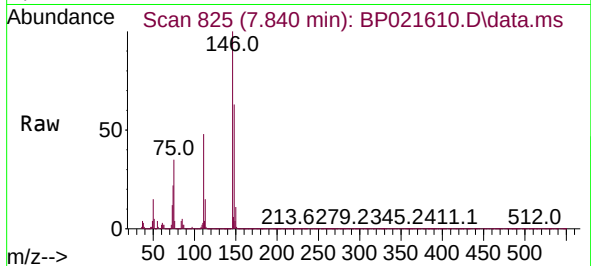




#13
1,4-Dichlorobenzene
Concen: 44.344 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

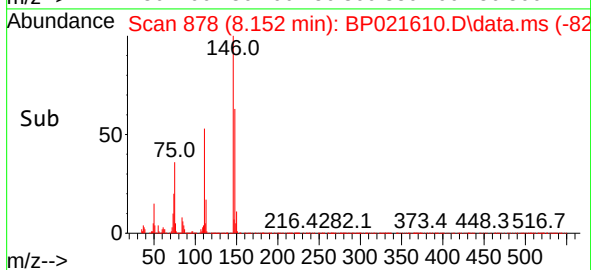
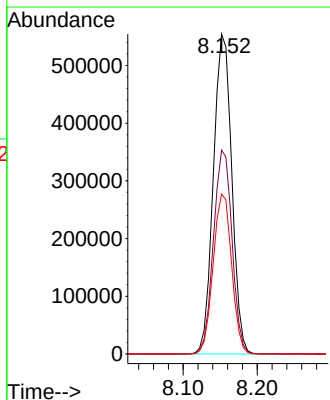
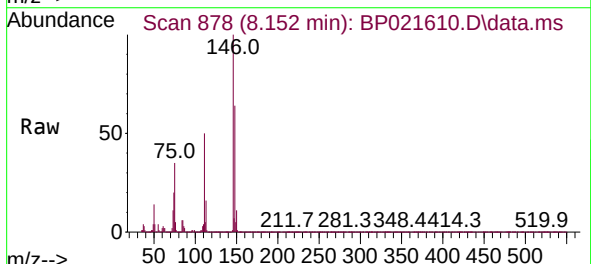
Instrument :
BNA_P
ClientSampleId :
PB162379BS

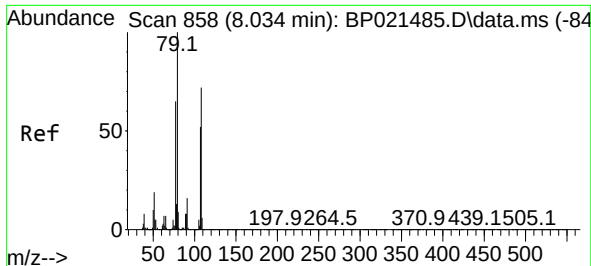
Tgt Ion:146 Resp: 993114
Ion Ratio Lower Upper
146 100
148 63.3 51.5 77.3
111 47.6 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 44.309 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:146 Resp: 956298
Ion Ratio Lower Upper
146 100
148 63.7 51.5 77.3
111 50.0 41.1 61.7

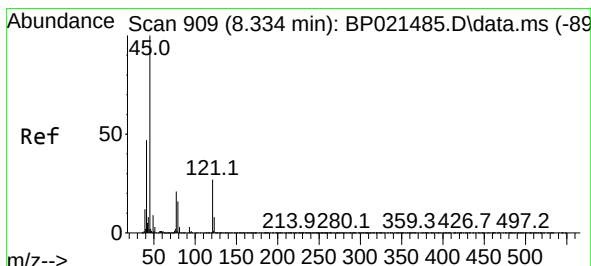
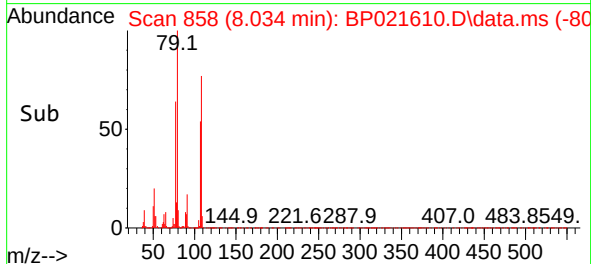
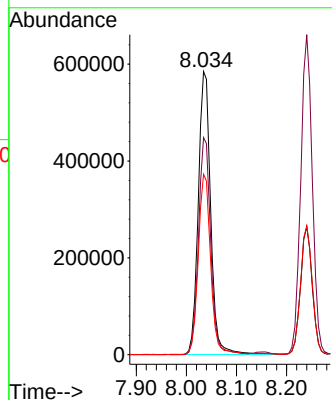
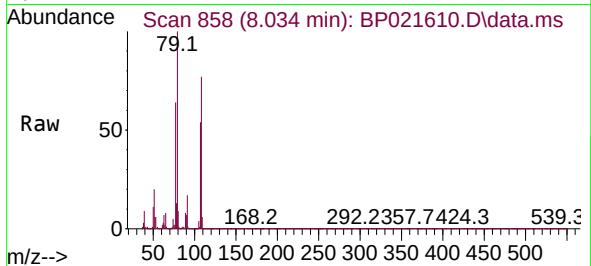




#15
Benzyl Alcohol
Concen: 47.299 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

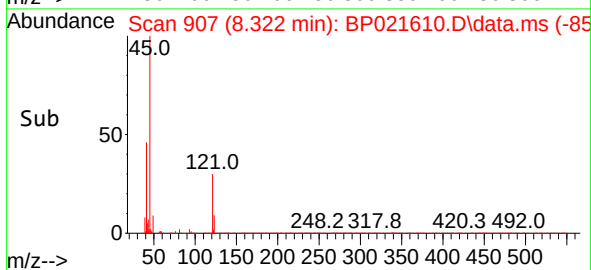
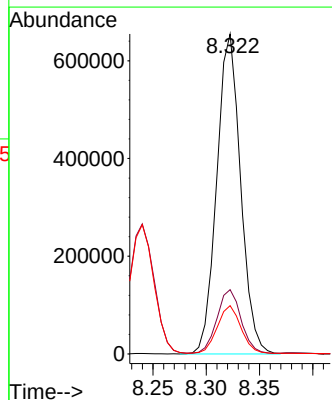
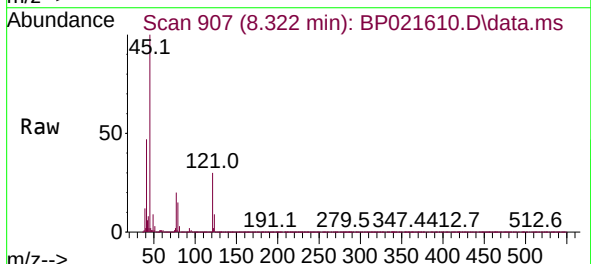
Instrument :
BNA_P
ClientSampleId :
PB162379BS

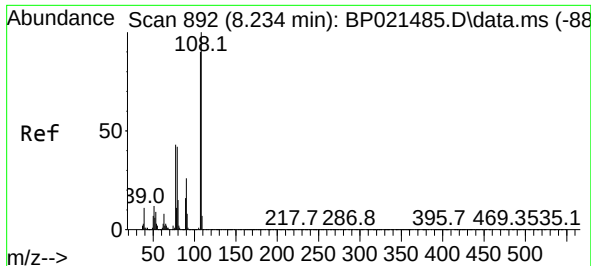
Tgt Ion: 79 Resp: 1000290
Ion Ratio Lower Upper
79 100
108 76.7 57.9 86.9
77 63.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.802 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

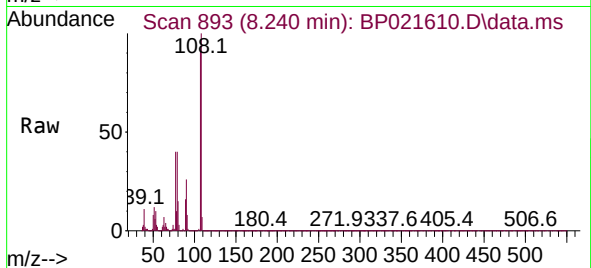
Tgt Ion: 45 Resp: 1017990
Ion Ratio Lower Upper
45 100
77 20.1 1.9 41.9
79 15.1 0.0 36.6



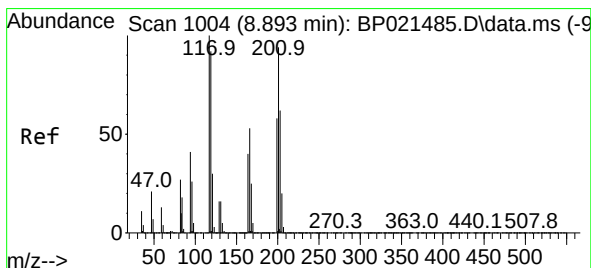
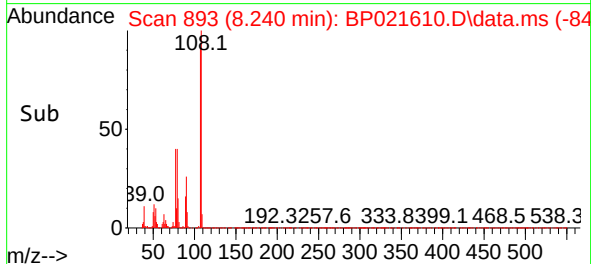
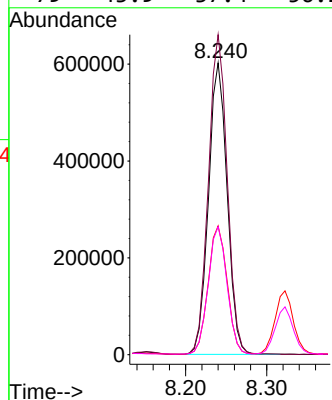


#17
2-Methylphenol
Concen: 49.819 ng
RT: 8.240 min Scan# 89
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB162379BS

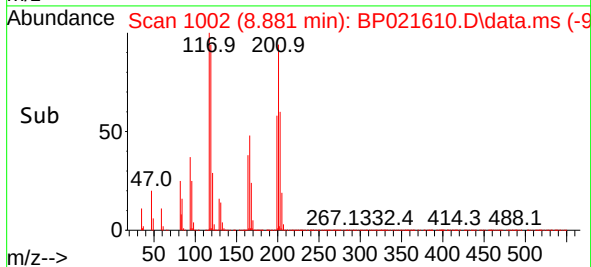
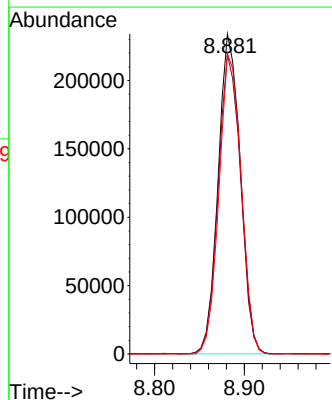
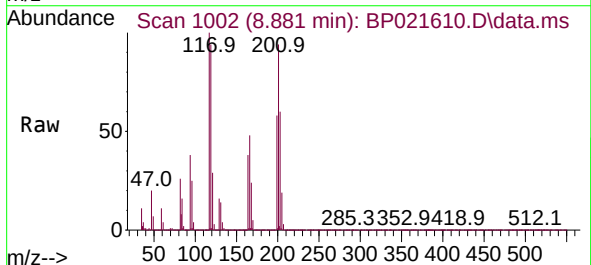


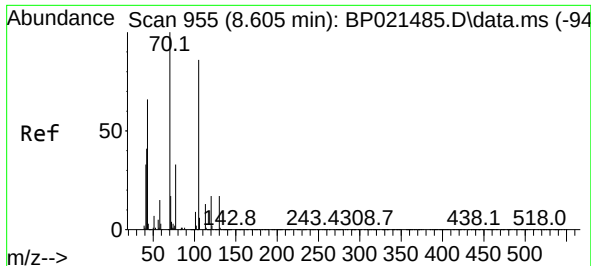
Tgt Ion:	107	Resp:	961287
Ion	Ratio	Lower	Upper
107	100		
108	109.7	88.8	133.2
77	44.2	38.7	58.1
79	43.9	37.4	56.2



#18
Hexachloroethane
Concen: 44.892 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:	117	Resp:	403169
Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.9	110.9
201	93.8	74.9	112.3

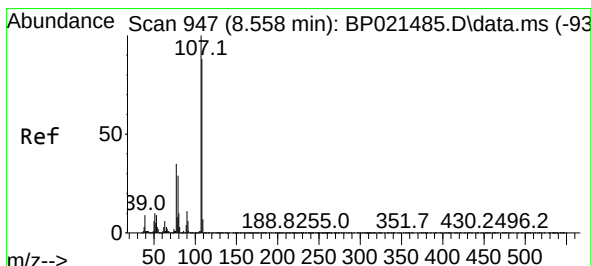
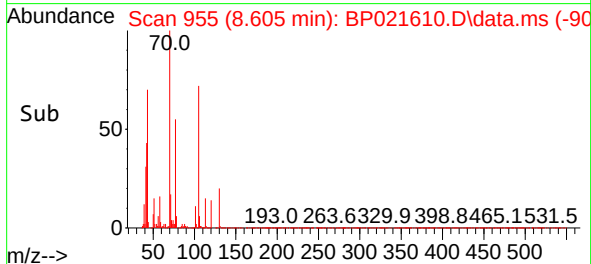
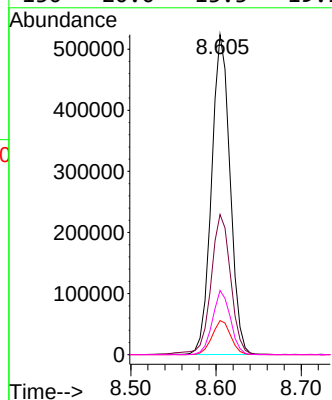
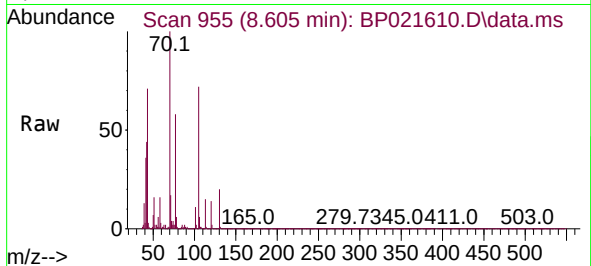




#19
n-Nitroso-di-n-propylamine
Concen: 38.748 ng
RT: 8.605 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

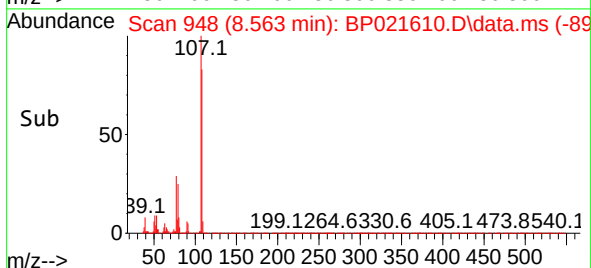
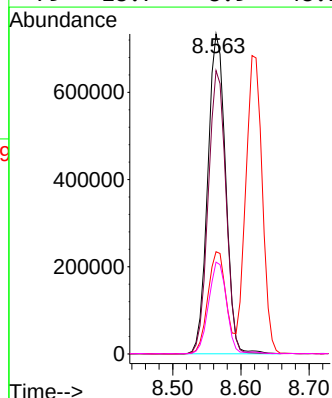
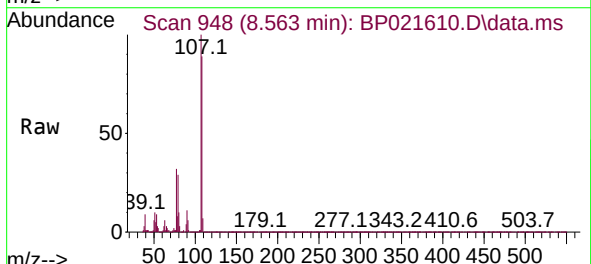
Instrument :
BNA_P
ClientSampleId :
PB162379BS

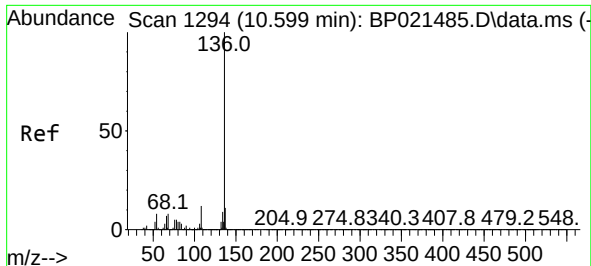
Tgt Ion: 70 Resp: 788929
Ion Ratio Lower Upper
70 100
42 43.8 33.1 49.7
101 10.7 7.4 11.2
130 20.0 13.3 19.9#



#20
3+4-Methylphenols
Concen: 51.492 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 107 Resp: 1339693
Ion Ratio Lower Upper
107 100
108 88.6 67.6 107.6
77 31.9 15.0 55.0
79 28.7 8.9 48.9

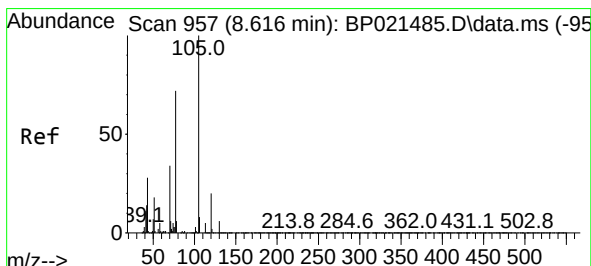
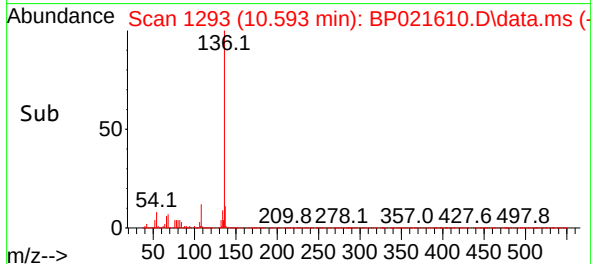
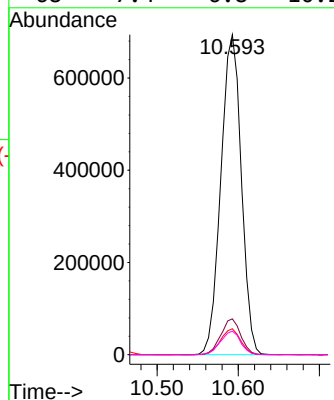
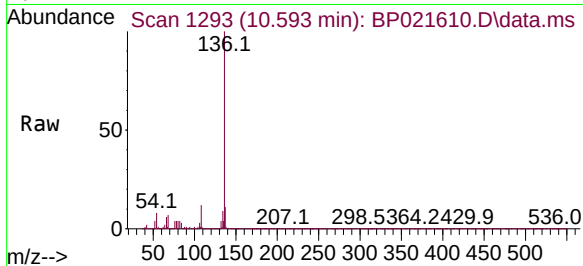




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

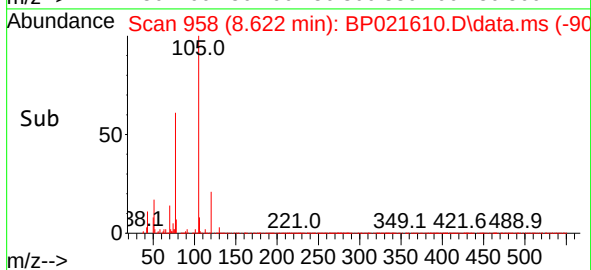
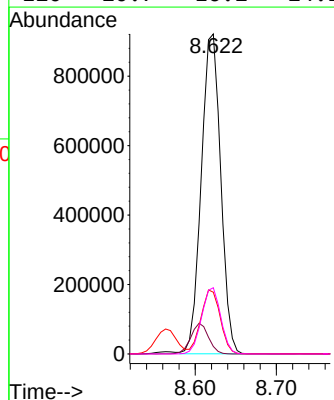
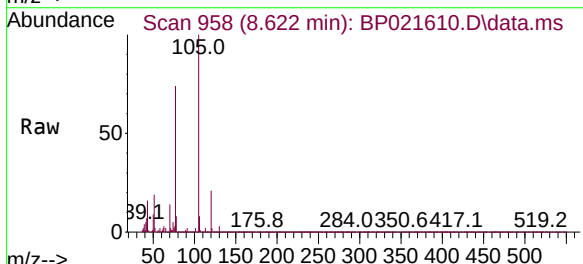
Instrument :
BNA_P
ClientSampleId :
PB162379BS

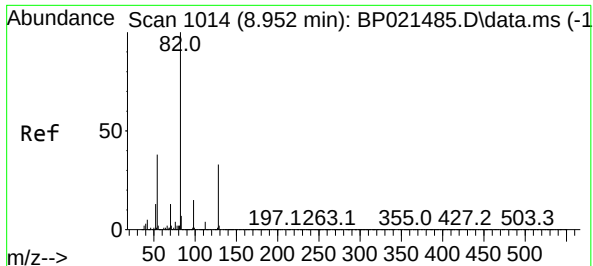
Tgt Ion:136 Resp: 1213667
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.3 9.5
68 7.4 6.8 10.2



#22
Acetophenone
Concen: 41.069 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:105 Resp: 1531268
Ion Ratio Lower Upper
105 100
71 2.3 4.6 7.0#
51 19.3 16.3 24.5
120 20.7 16.2 24.2





#23

Nitrobenzene-d5

Concen: 93.444 ng

RT: 8.952 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

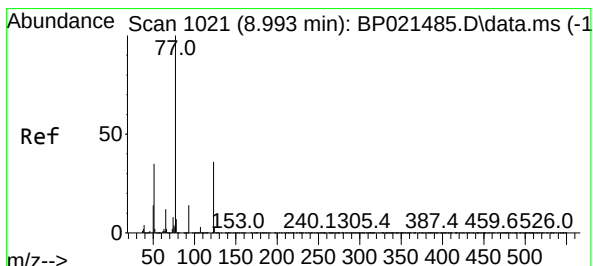
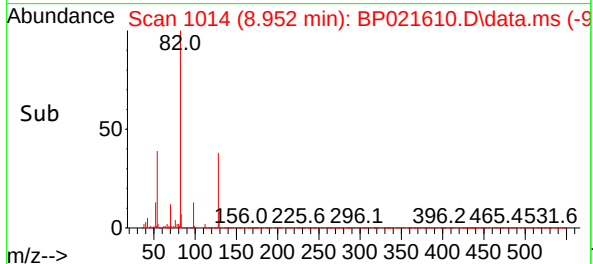
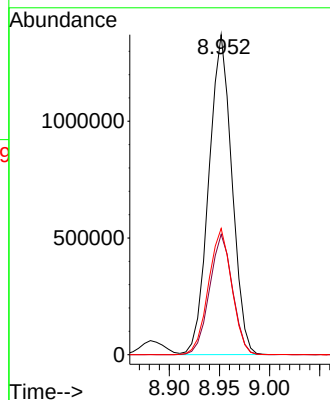
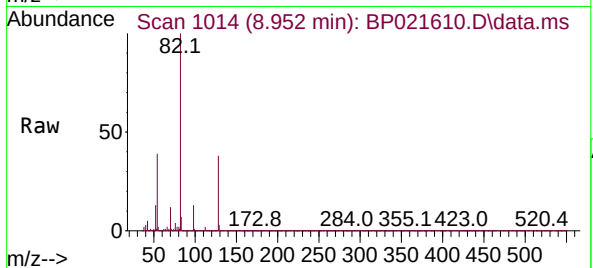
Tgt Ion: 82 Resp: 2197218

Ion Ratio Lower Upper

82 100

128 37.6 26.5 39.7

54 39.4 30.3 45.5



#24

Nitrobenzene

Concen: 46.769 ng

RT: 8.993 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

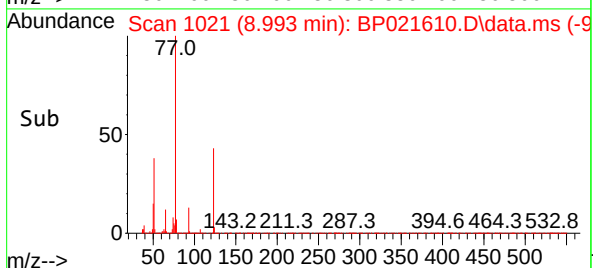
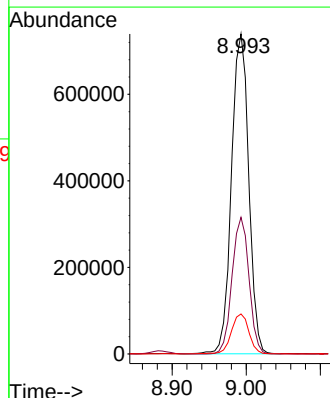
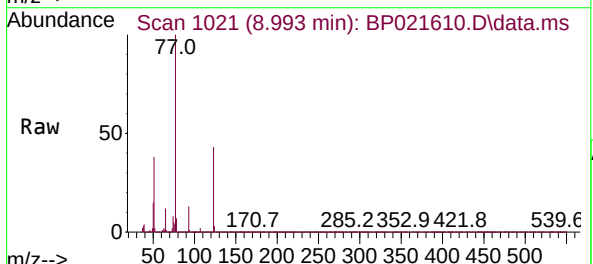
Tgt Ion: 77 Resp: 1194412

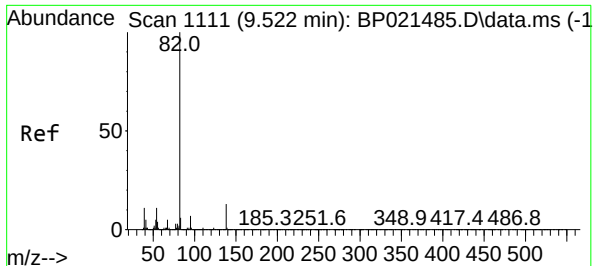
Ion Ratio Lower Upper

77 100

123 42.7 29.5 44.3

65 12.5 9.9 14.9

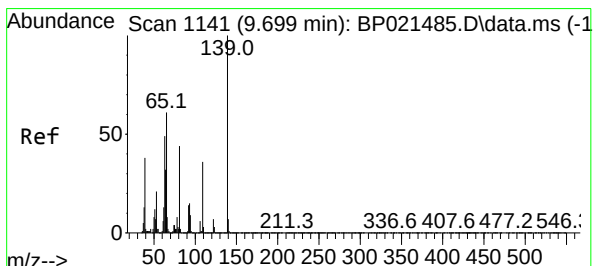
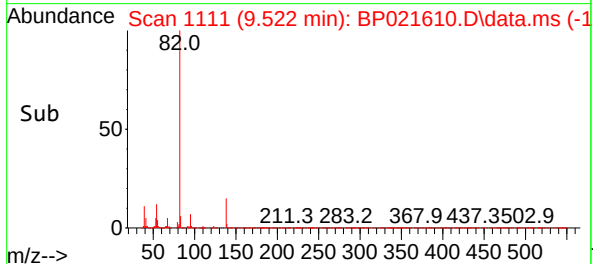
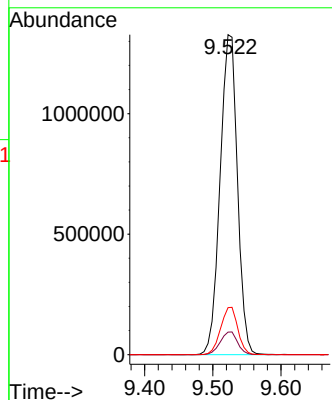
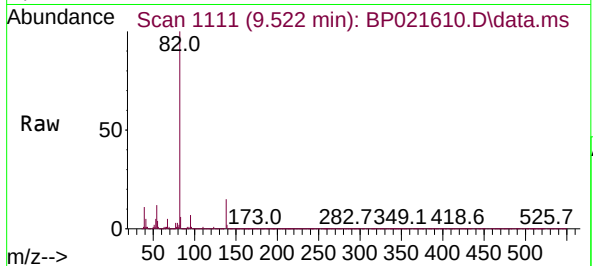




#25
Isophorone
Concen: 42.275 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

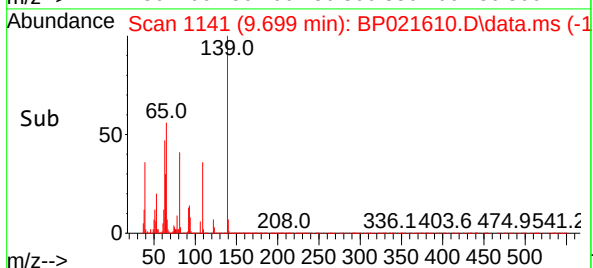
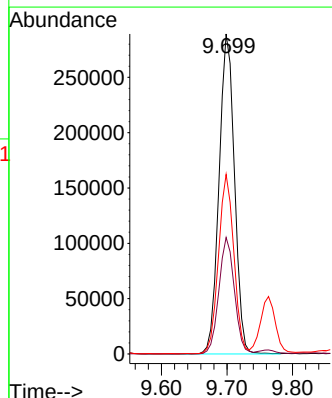
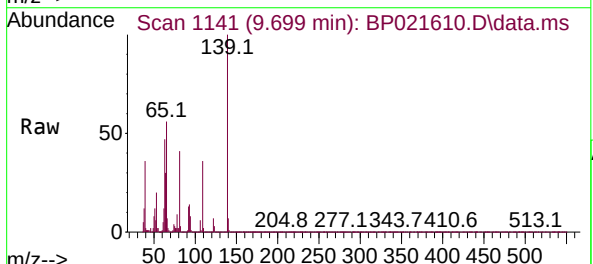
Instrument :
BNA_P
ClientSampleId :
PB162379BS

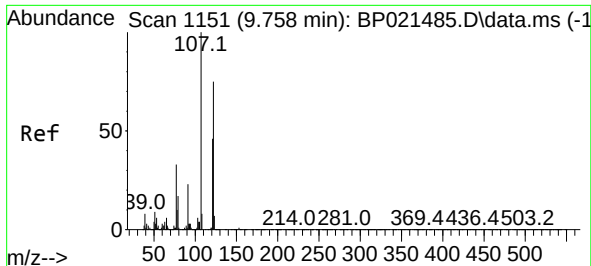
Tgt Ion: 82 Resp: 2348363
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 14.7 10.6 16.0



#26
2-Nitrophenol
Concen: 62.946 ng
RT: 9.699 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 139 Resp: 471316
Ion Ratio Lower Upper
139 100
109 36.4 28.9 43.3
65 56.1 49.0 73.6

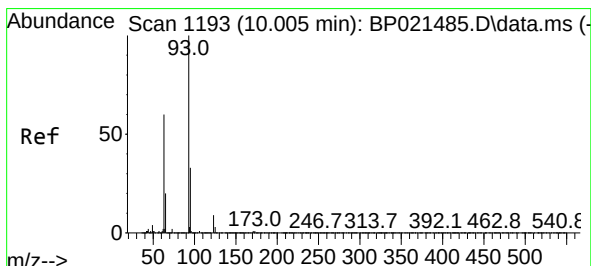
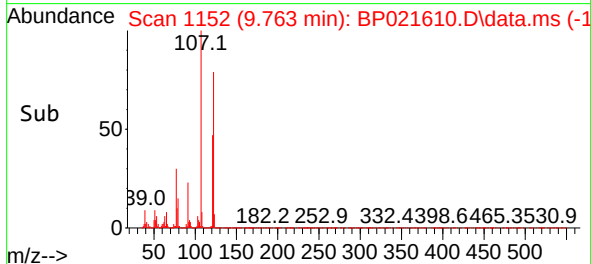
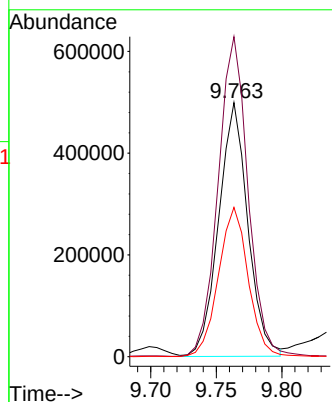
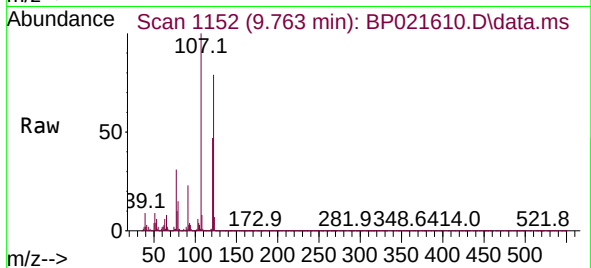




#27
2,4-Dimethylphenol
Concen: 56.218 ng
RT: 9.763 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

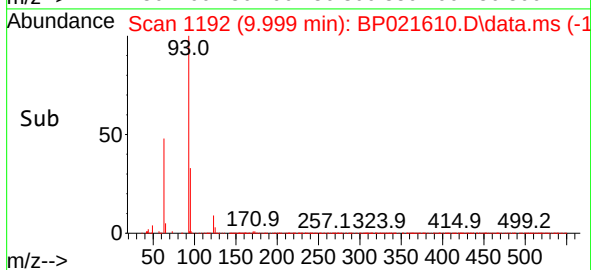
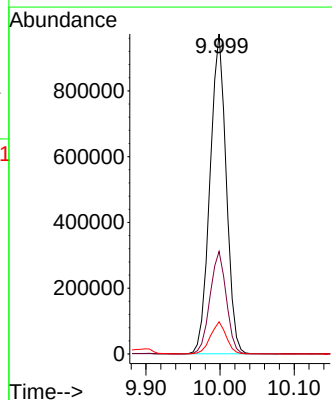
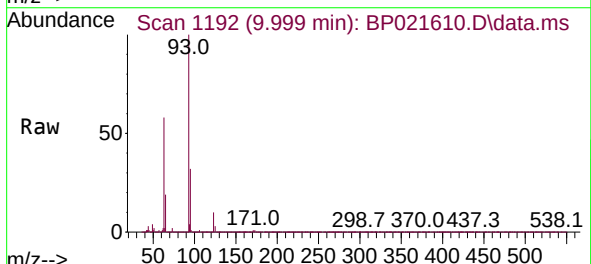
Instrument :
BNA_P
ClientSampleId :
PB162379BS

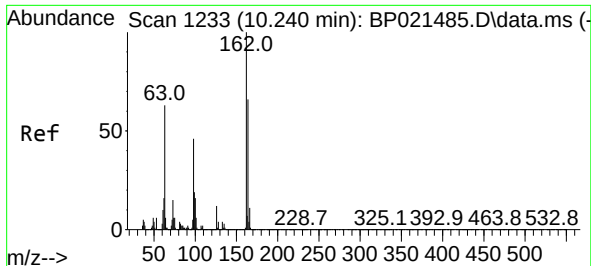
Tgt Ion:122 Resp: 770693
Ion Ratio Lower Upper
122 100
107 125.9 106.2 159.4
121 58.8 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.585 ng
RT: 9.999 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 93 Resp: 1477916
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 10.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 57.969 ng

RT: 10.240 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

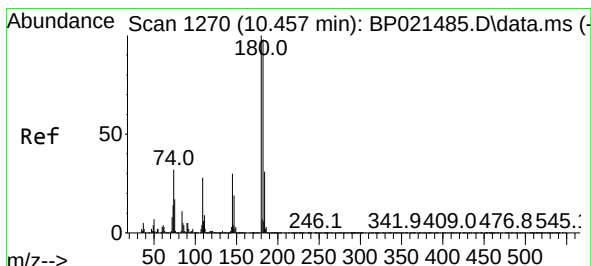
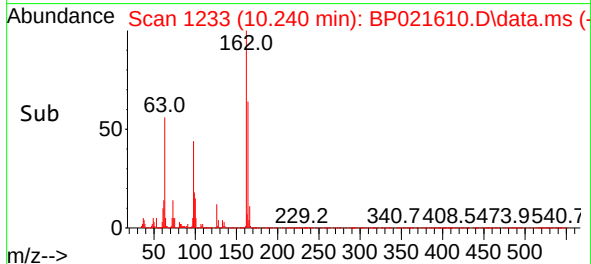
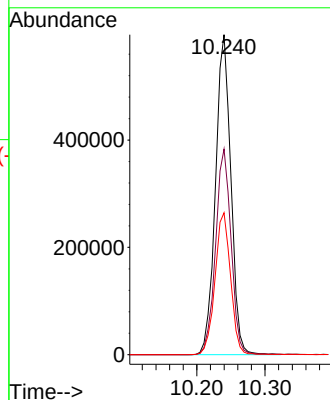
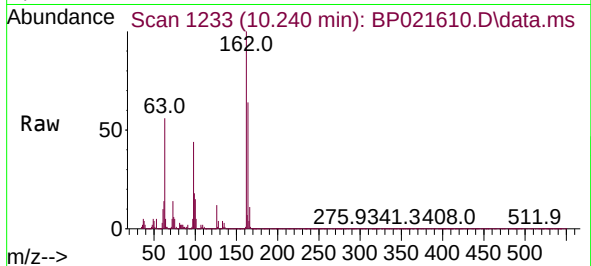
Tgt Ion:162 Resp: 938959

Ion Ratio Lower Upper

162 100

164 64.3 45.9 85.9

98 44.4 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 44.957 ng

RT: 10.457 min Scan# 1270

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

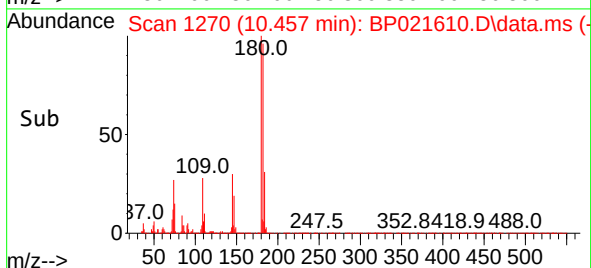
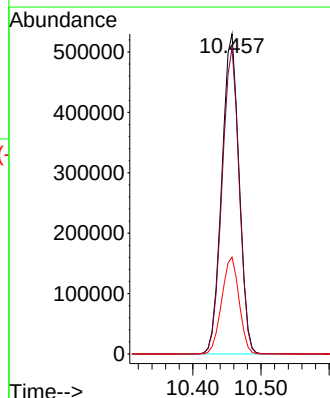
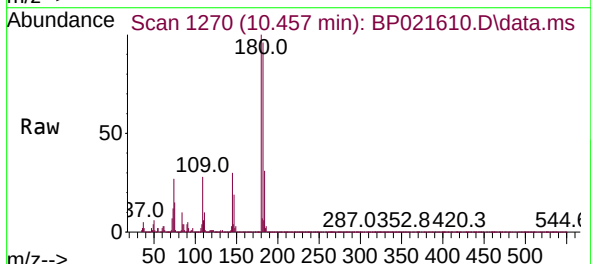
Tgt Ion:180 Resp: 933587

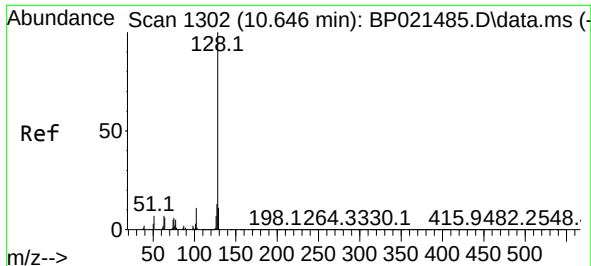
Ion Ratio Lower Upper

180 100

182 95.7 78.3 117.5

145 30.3 24.0 36.0

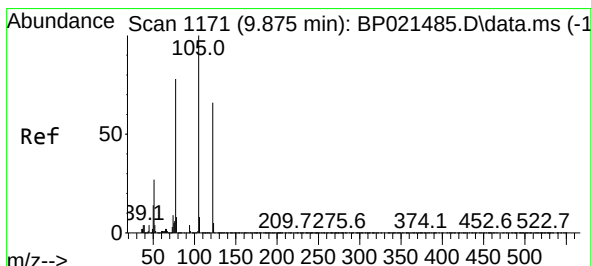
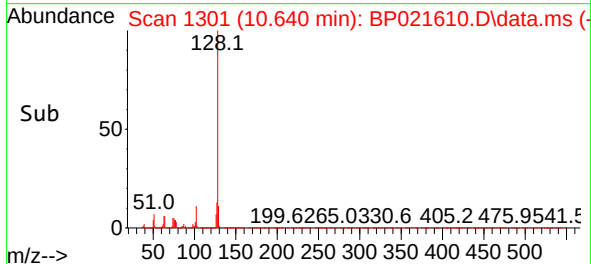
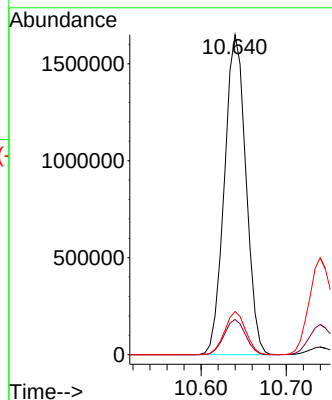
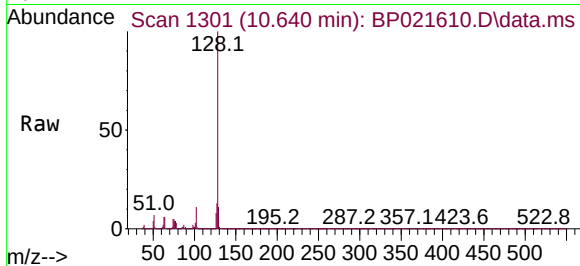




#31
Naphthalene
Concen: 45.569 ng
RT: 10.640 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

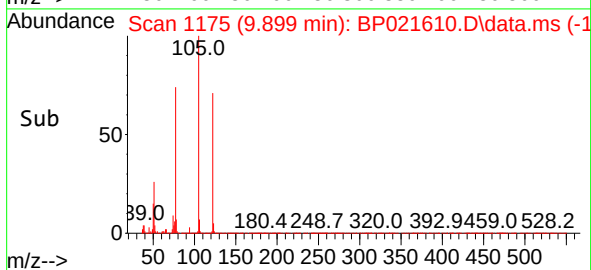
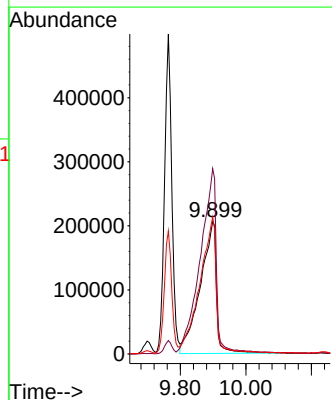
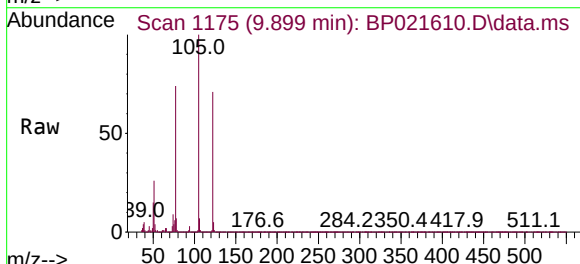
Instrument :
BNA_P
ClientSampleId :
PB162379BS

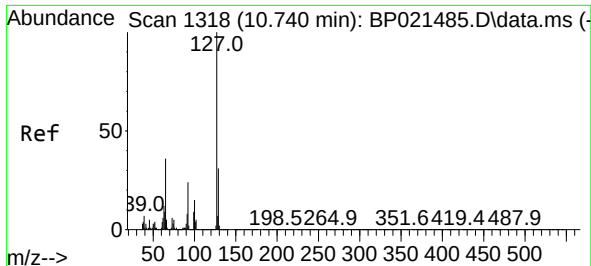
Tgt Ion:128 Resp: 2889187
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 67.704 ng
RT: 9.899 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:122 Resp: 711231
Ion Ratio Lower Upper
122 100
105 140.3 124.6 164.6
77 103.6 96.2 136.2

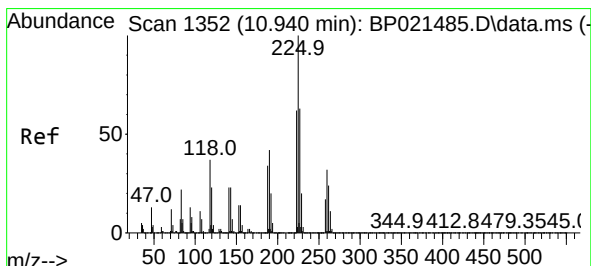
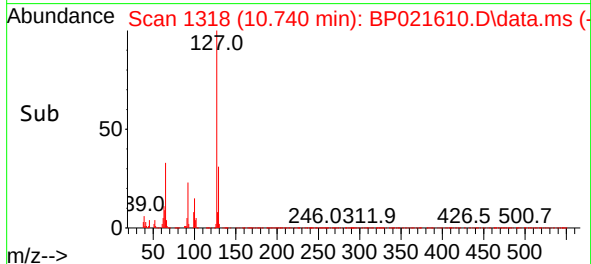
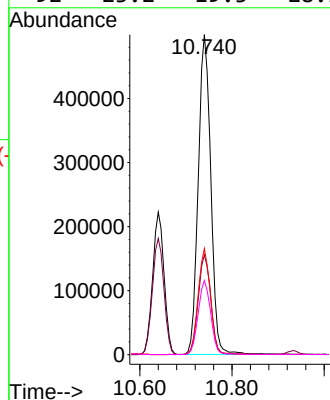
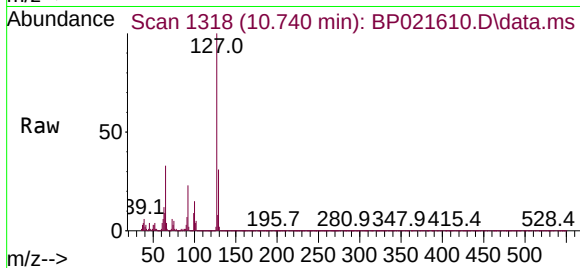




#33
4-Chloroaniline
Concen: 39.704 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

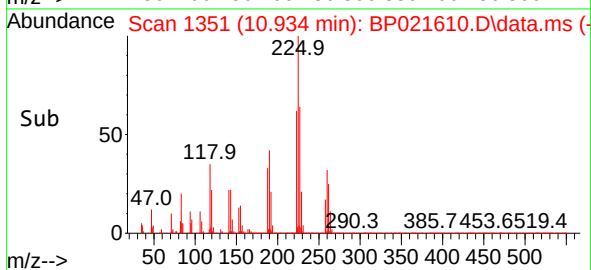
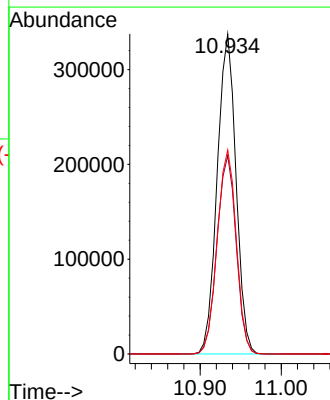
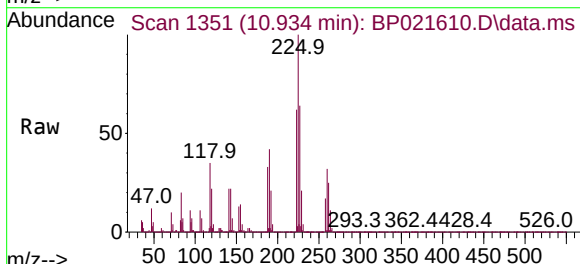
Instrument :
BNA_P
ClientSampleId :
PB162379BS

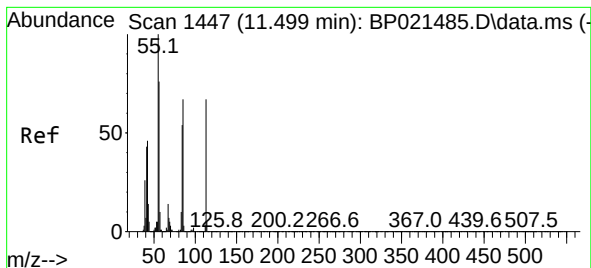
Tgt Ion:	127	Resp:	945587
Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.5	36.7
65	33.1	28.9	43.3
92	23.2	19.3	28.9



#34
Hexachlorobutadiene
Concen: 41.559 ng
RT: 10.934 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:	225	Resp:	543399
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	63.7	50.1	75.1

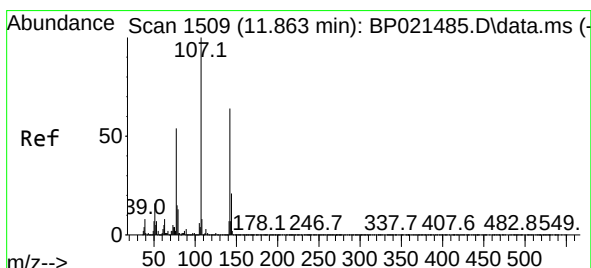
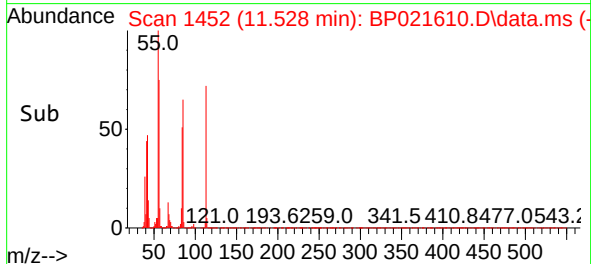
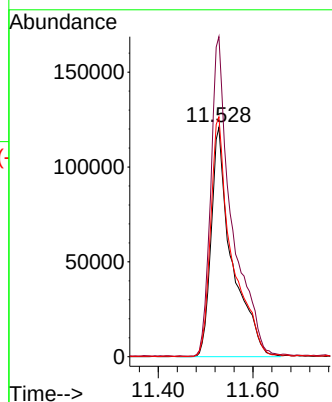
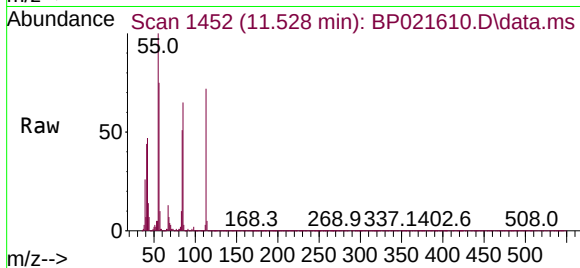




#35
Caprolactam
Concen: 54.489 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

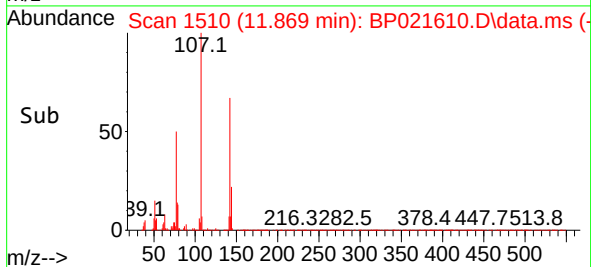
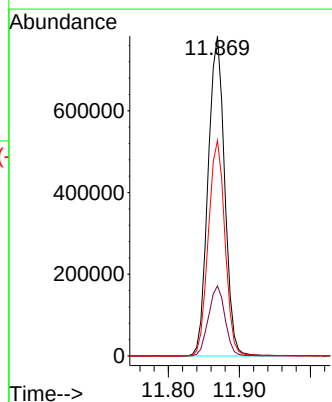
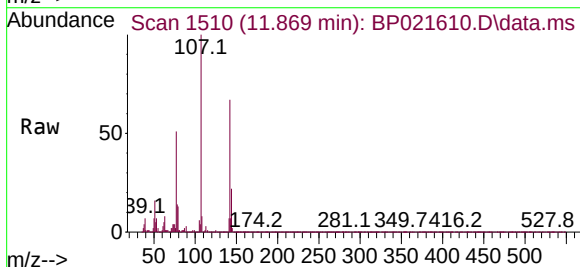
Instrument :
BNA_P
ClientSampleId :
PB162379BS

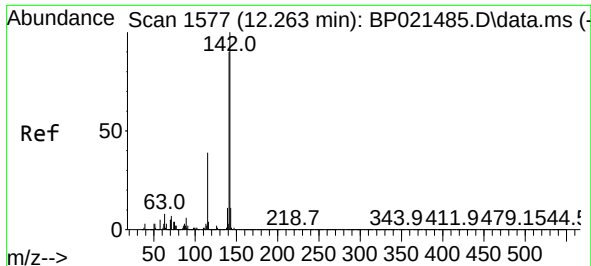
Tgt Ion:113 Resp: 367368
Ion Ratio Lower Upper
113 100
55 139.5 130.6 170.6
56 104.6 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 56.558 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:107 Resp: 1270793
Ion Ratio Lower Upper
107 100
144 21.9 16.6 24.8
142 67.3 51.0 76.4

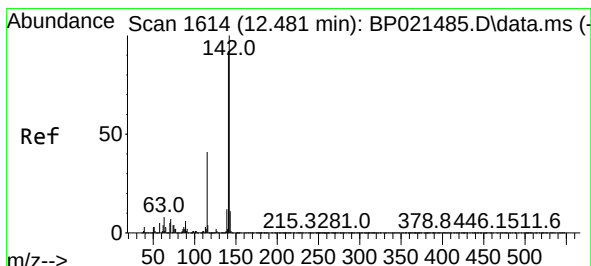
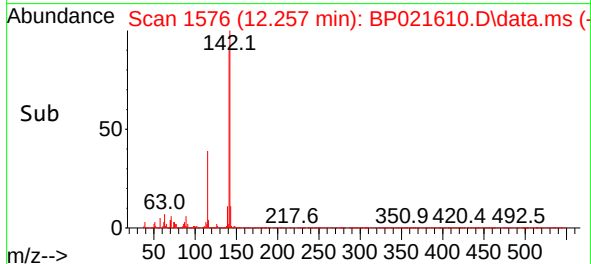
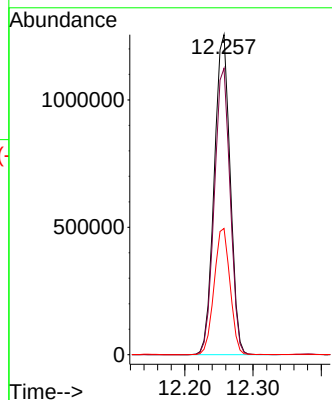
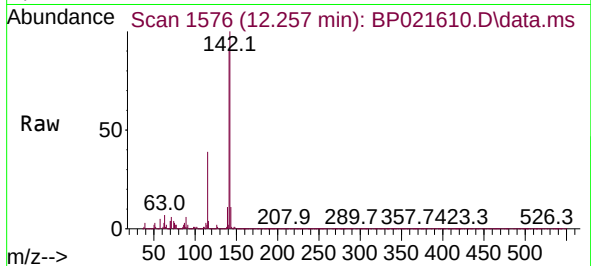




#37
2-Methylnaphthalene
Concen: 47.272 ng
RT: 12.257 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

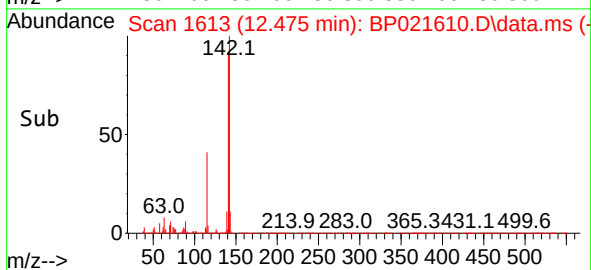
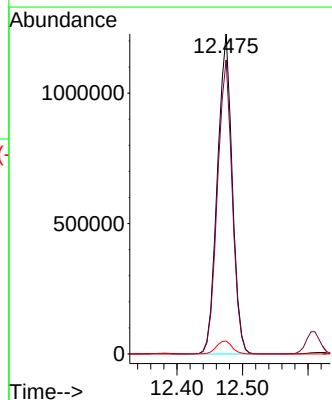
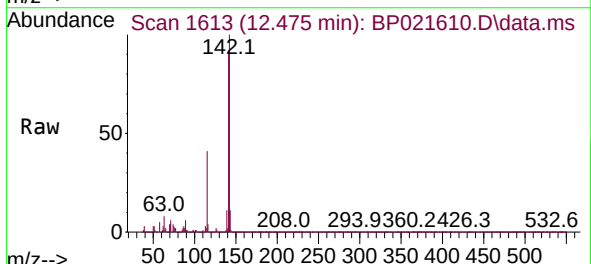
Instrument :
BNA_P
ClientSampleId :
PB162379BS

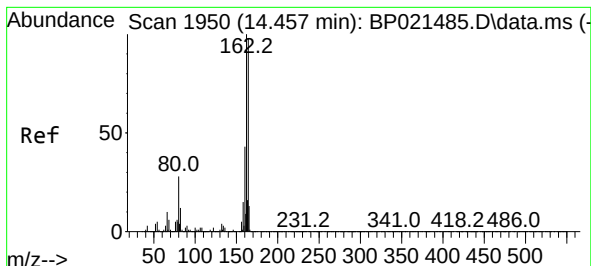
Tgt Ion:142 Resp: 2045533
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 39.4 31.4 47.2



#38
1-Methylnaphthalene
Concen: 44.963 ng
RT: 12.475 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:142 Resp: 1918919
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

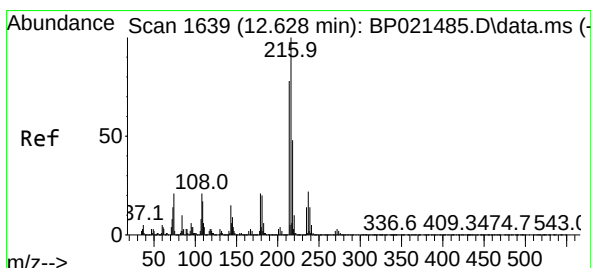
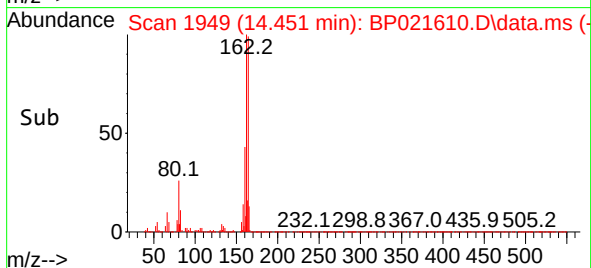
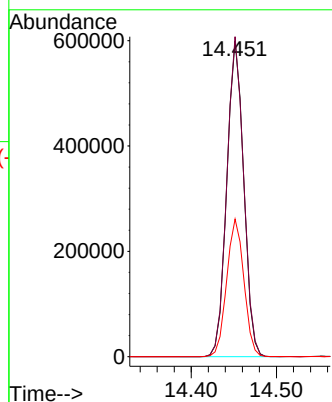
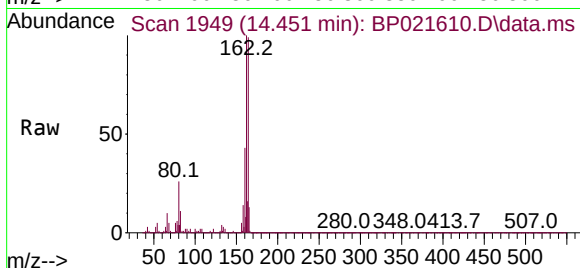
Tgt Ion:164 Resp: 825465

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 43.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.144 ng

RT: 12.622 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Tgt Ion:216 Resp: 995119

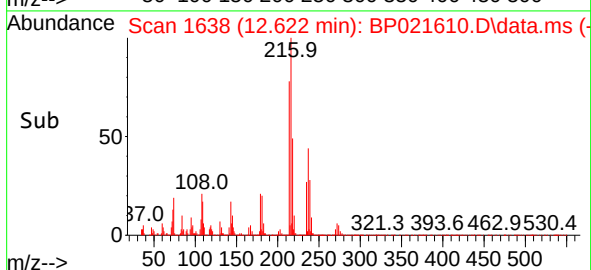
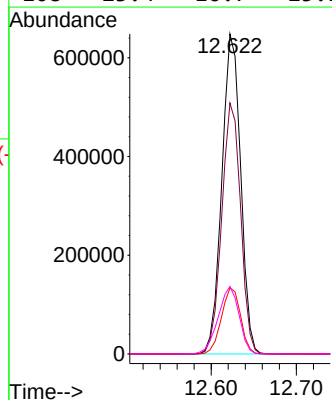
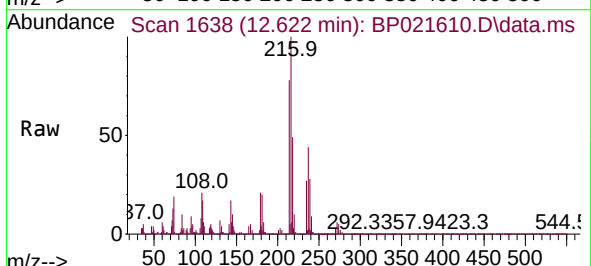
Ion Ratio Lower Upper

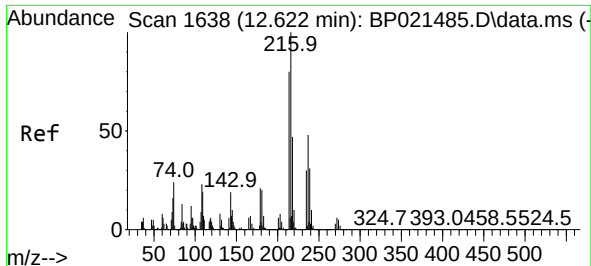
216 100

214 78.6 62.5 93.7

179 21.0 16.4 24.6

108 23.4 16.7 25.1

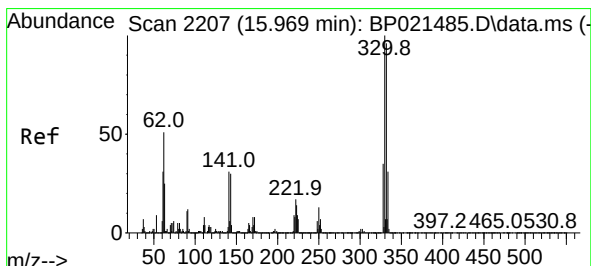
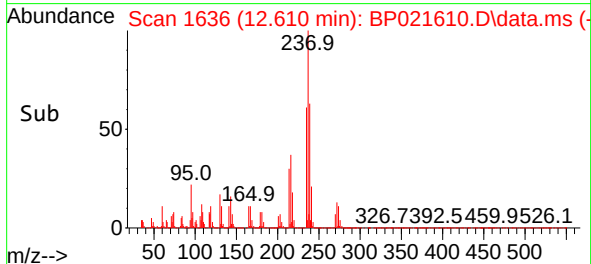
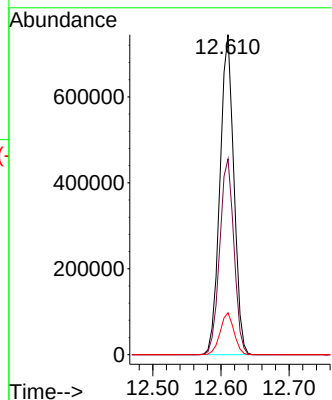
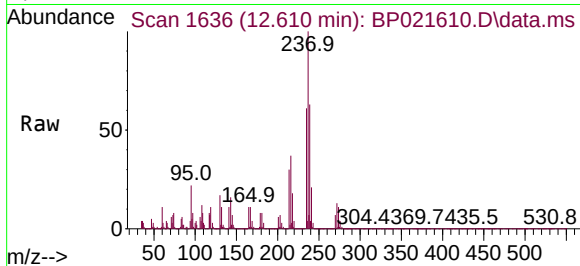




#41
Hexachlorocyclopentadiene
Concen: 138.243 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

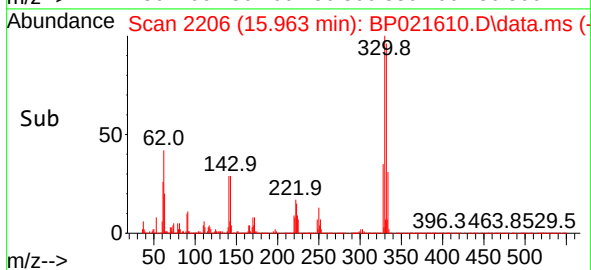
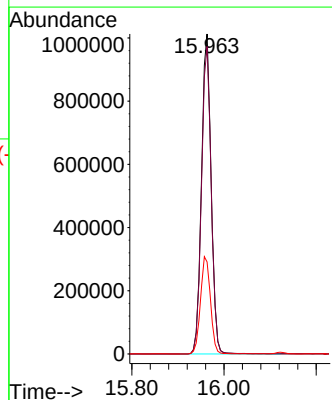
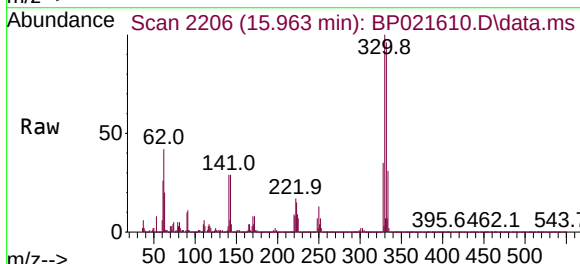
Instrument :
BNA_P
ClientSampleId :
PB162379BS

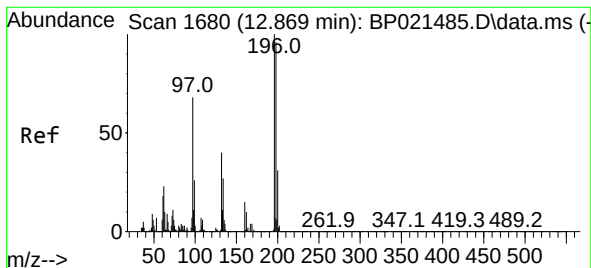
Tgt Ion:237 Resp: 1059706
Ion Ratio Lower Upper
237 100
235 61.2 43.9 83.9
272 13.1 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 160.357 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:330 Resp: 1473211
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 31.4 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 59.059 ng

RT: 12.869 min Scan# 1680

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

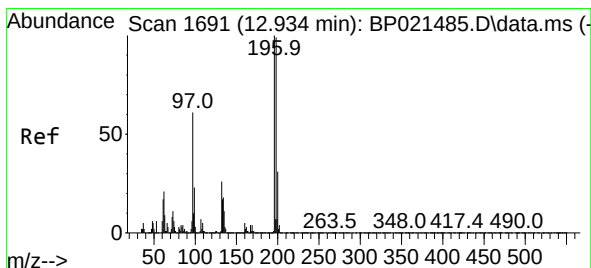
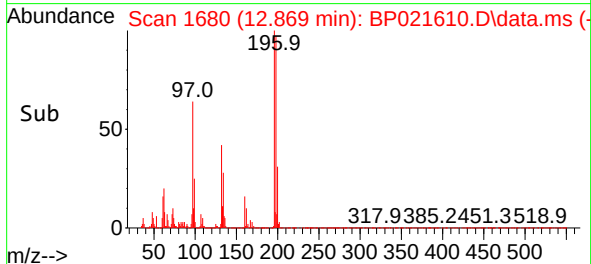
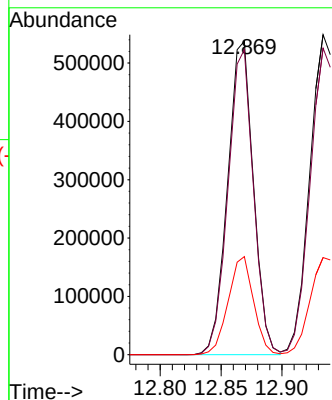
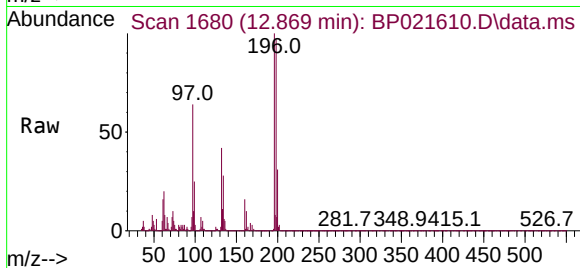
Tgt Ion:196 Resp: 793458

Ion Ratio Lower Upper

196 100

198 97.3 76.6 114.8

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 58.787 ng

RT: 12.934 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Tgt Ion:196 Resp: 877505

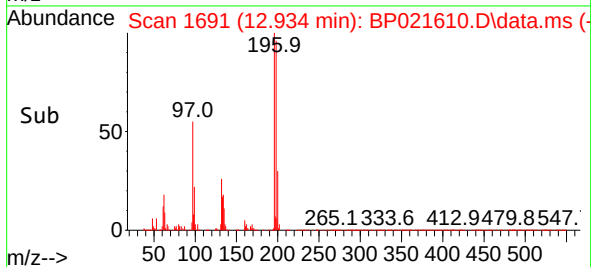
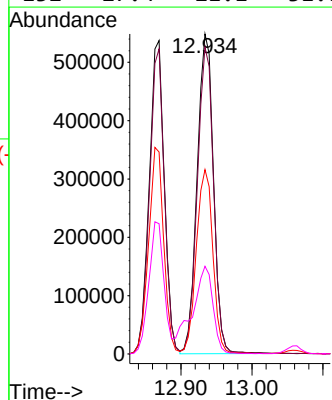
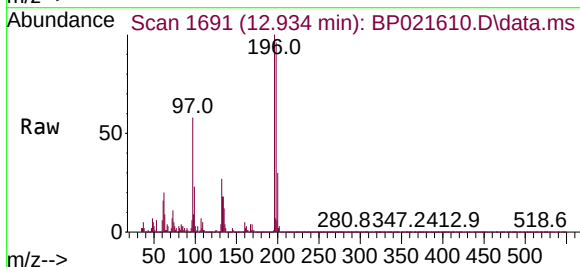
Ion Ratio Lower Upper

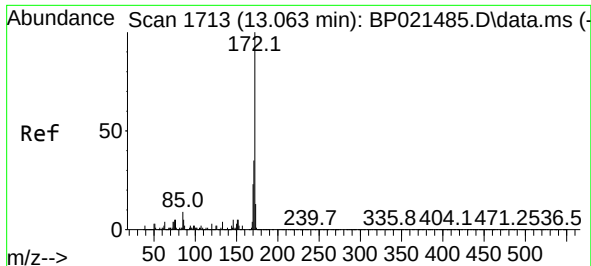
196 100

198 95.8 78.9 118.3

97 57.6 49.4 74.0

132 27.4 21.1 31.7

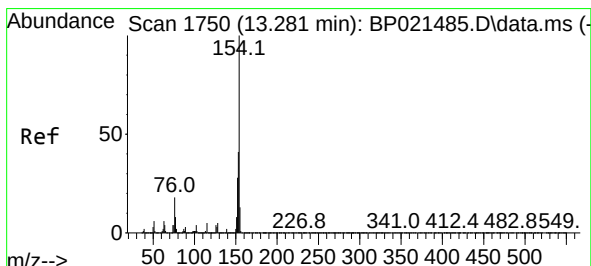
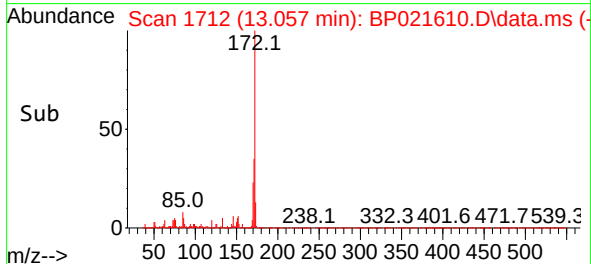
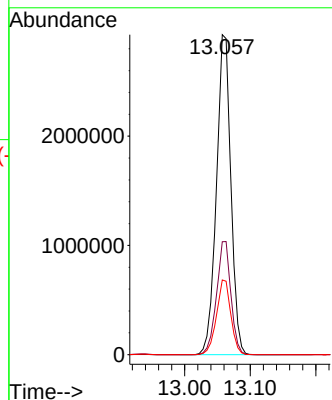
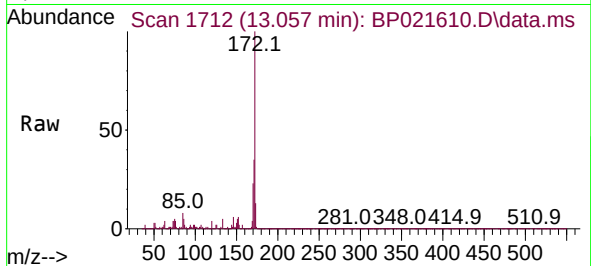




#45
2-Fluorobiphenyl
Concen: 82.434 ng
RT: 13.057 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

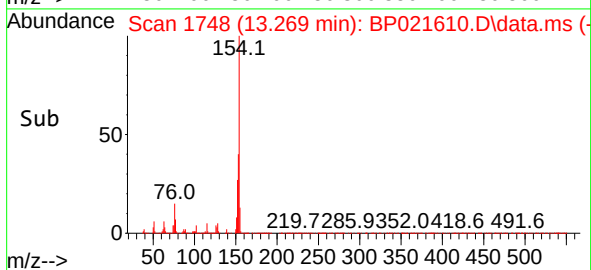
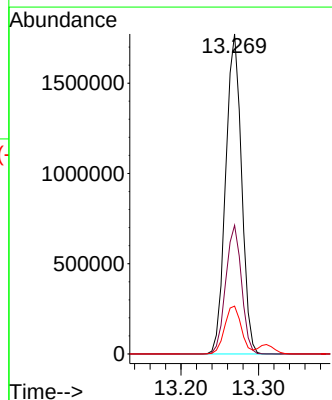
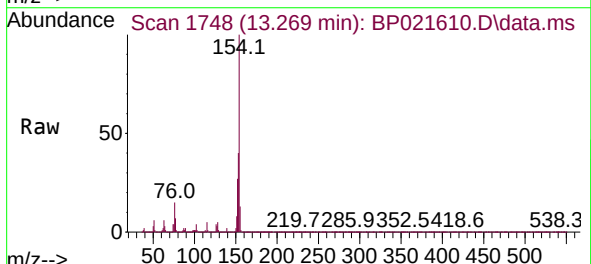
Instrument :
BNA_P
ClientSampleId :
PB162379BS

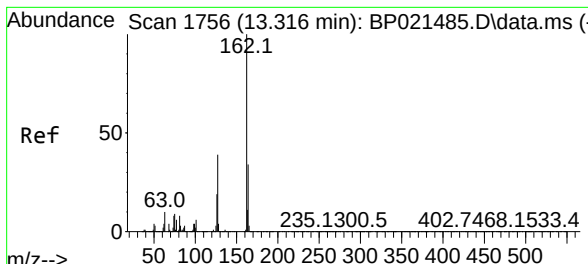
Tgt Ion:172 Resp: 4458685
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.4 27.6



#46
1,1'-Biphenyl
Concen: 43.117 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:154 Resp: 2518120
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 15.0 0.0 37.7

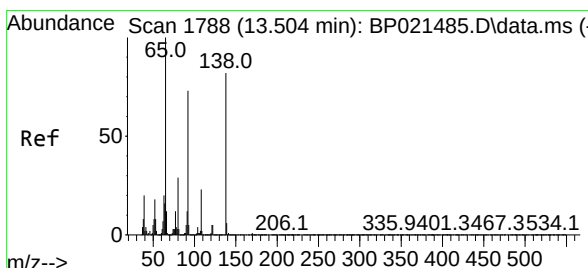
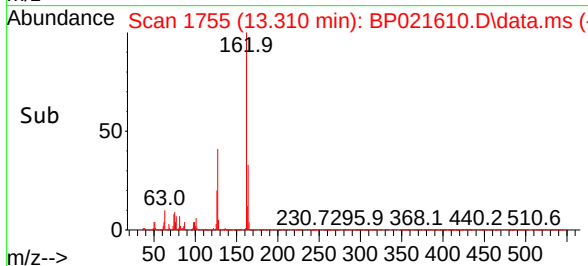
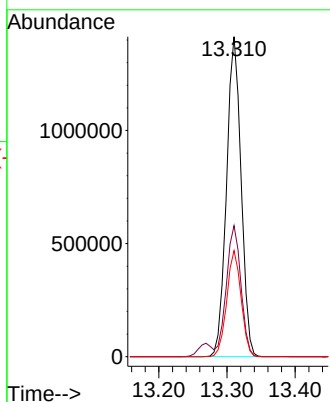
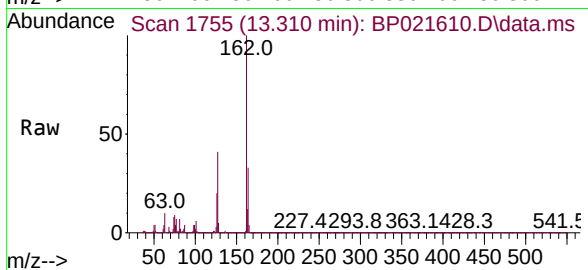




#47
2-Chloronaphthalene
Concen: 46.191 ng
RT: 13.310 min Scan# 1755
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

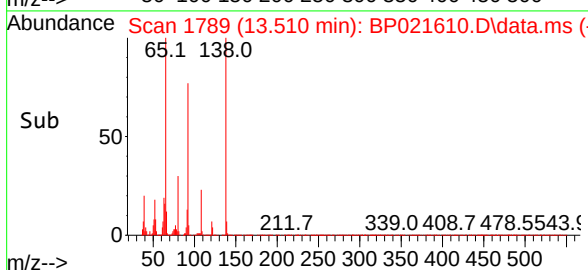
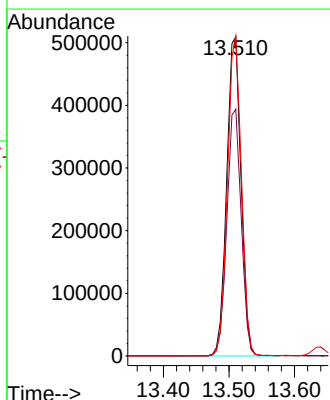
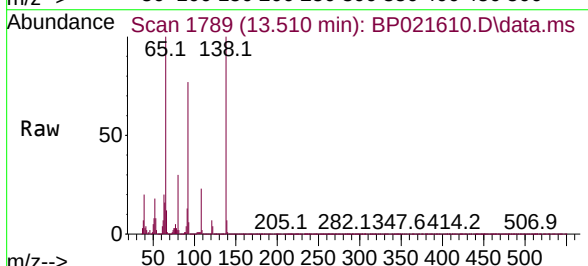
Instrument :
BNA_P
ClientSampleId :
PB162379BS

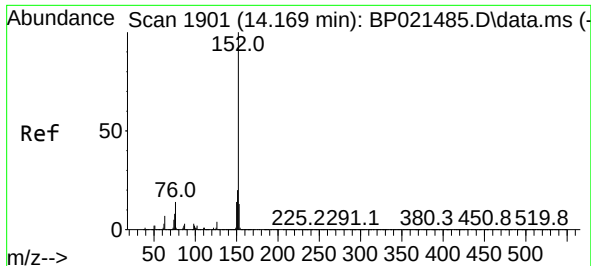
Tgt Ion:162 Resp: 2100248
Ion Ratio Lower Upper
162 100
127 41.0 31.9 47.9
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 59.315 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 65 Resp: 773204
Ion Ratio Lower Upper
65 100
92 77.3 58.1 87.1
138 100.2 65.5 98.3#

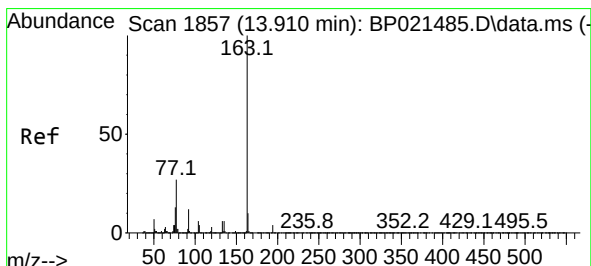
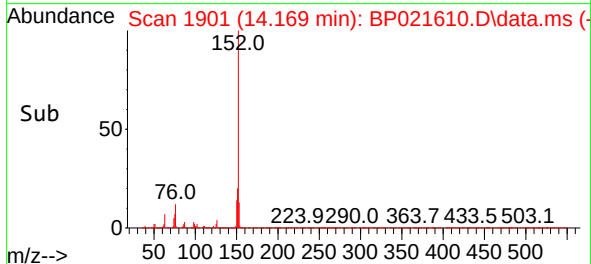
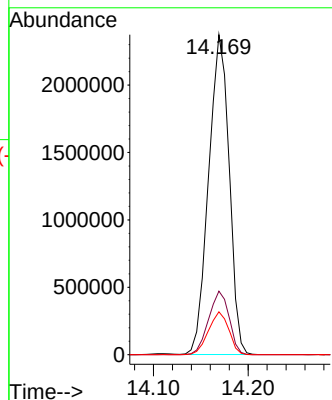
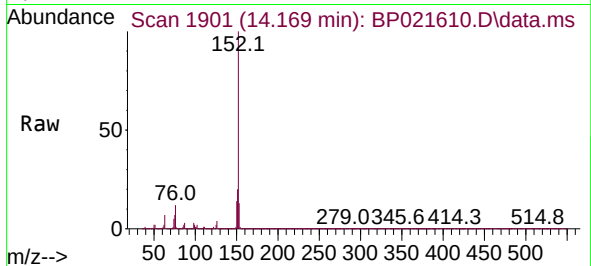




#49
Acenaphthylene
Concen: 53.510 ng
RT: 14.169 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

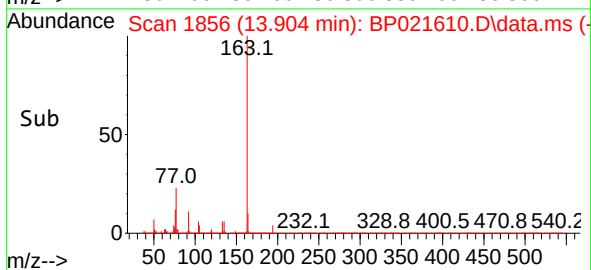
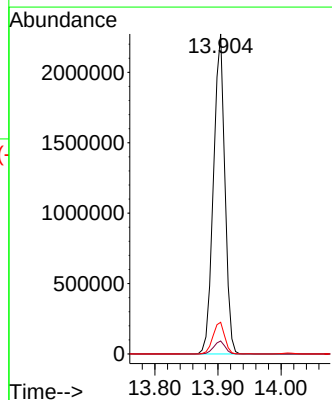
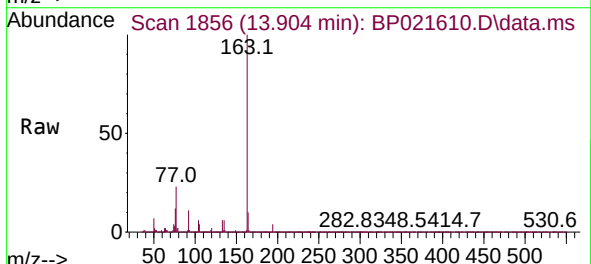
Instrument :
BNA_P
ClientSampleId :
PB162379BS

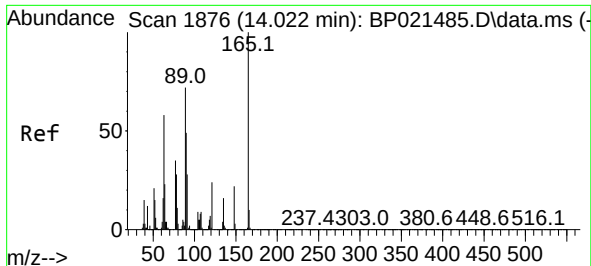
Tgt Ion:152 Resp: 3576620
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 51.405 ng
RT: 13.904 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:163 Resp: 2841671
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.3 12.5

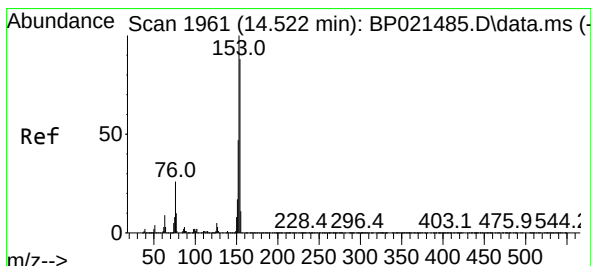
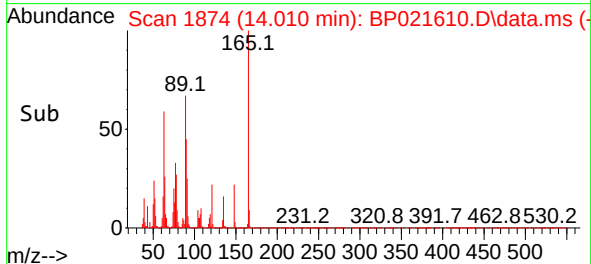
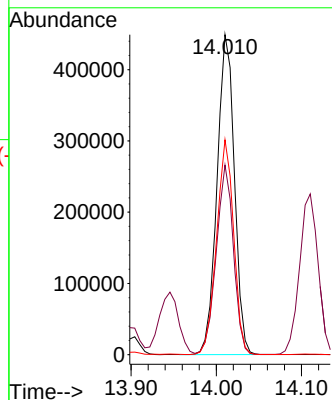
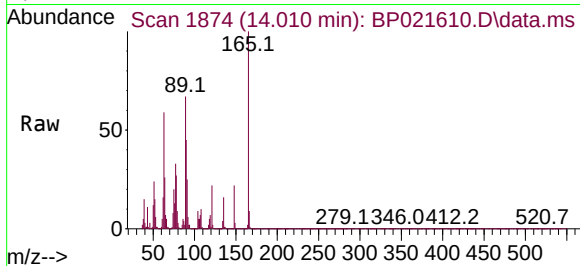




#51
2,6-Dinitrotoluene
Concen: 56.271 ng
RT: 14.010 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

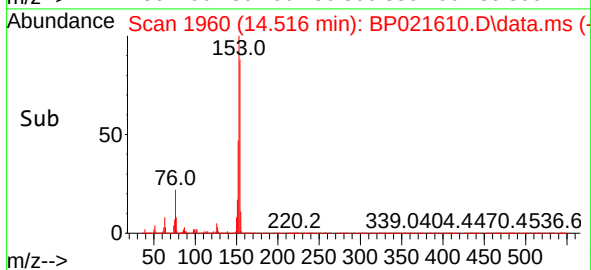
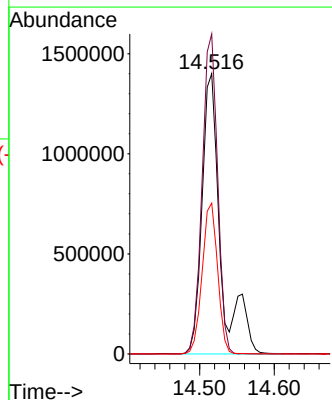
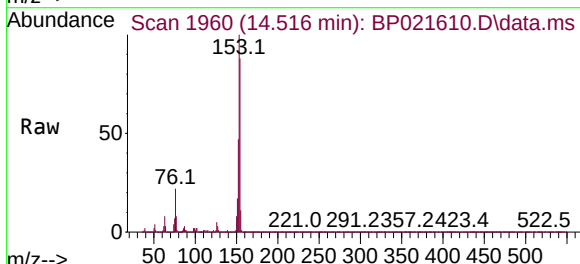
Instrument :
BNA_P
ClientSampleId :
PB162379BS

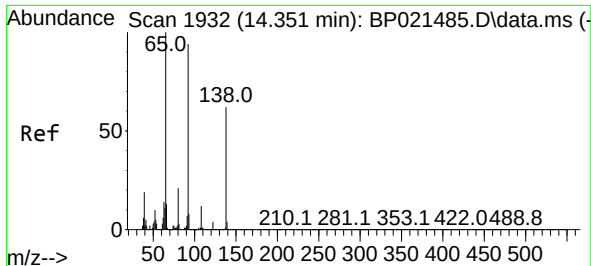
Tgt Ion:165 Resp: 635921
Ion Ratio Lower Upper
165 100
63 59.2 51.5 77.3
89 67.2 57.8 86.8



#52
Acenaphthene
Concen: 55.727 ng m
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:154 Resp: 2444000
Ion Ratio Lower Upper
154 100
153 114.1 91.1 136.7
152 53.8 43.0 64.4

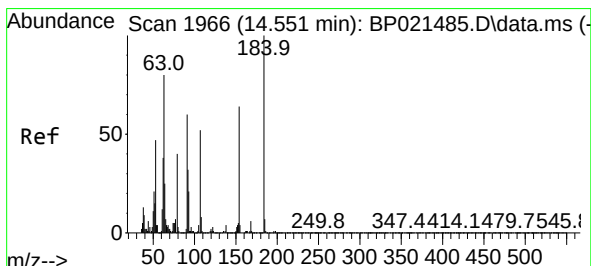
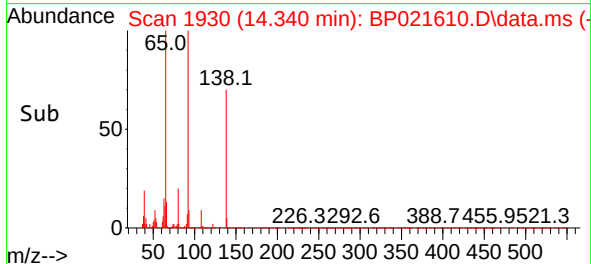
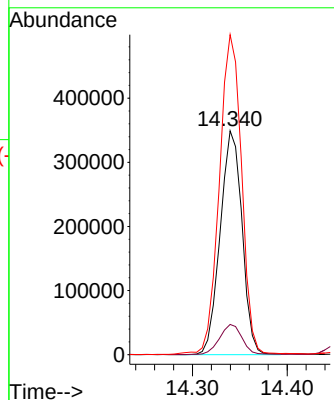
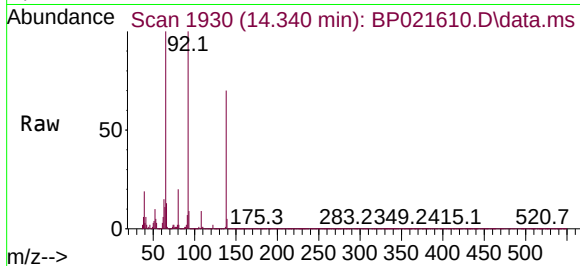




#53
3-Nitroaniline
Concen: 50.862 ng
RT: 14.340 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

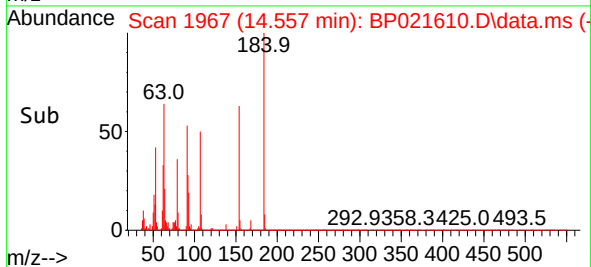
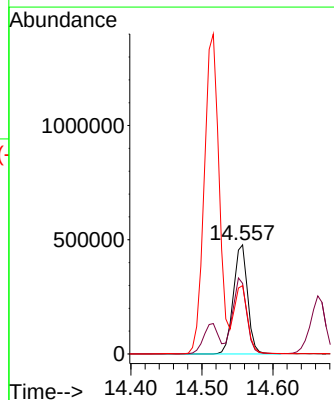
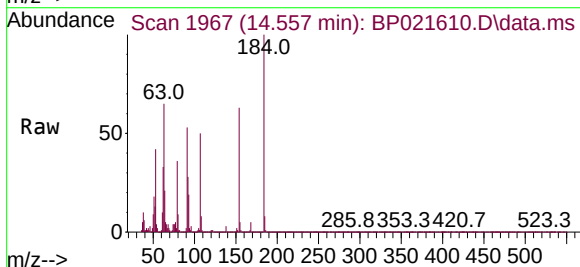
Instrument :
BNA_P
ClientSampleId :
PB162379BS

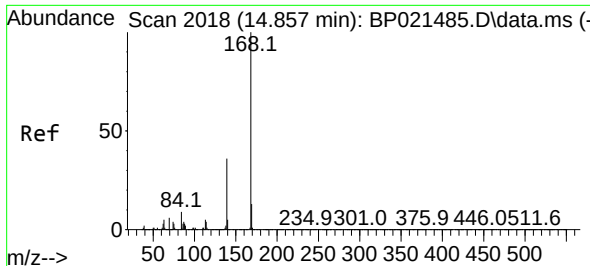
Tgt Ion:138 Resp: 560472
Ion Ratio Lower Upper
138 100
108 13.5 16.2 24.4#
92 143.0 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 129.190 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:184 Resp: 666701
Ion Ratio Lower Upper
184 100
63 64.6 64.9 97.3#
154 62.6 52.1 78.1

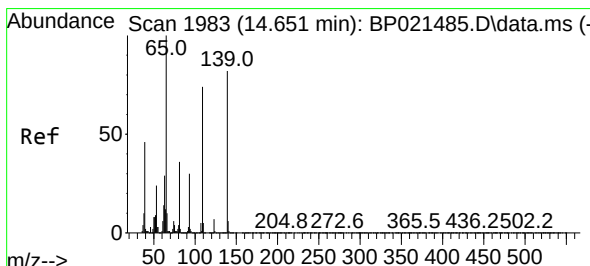
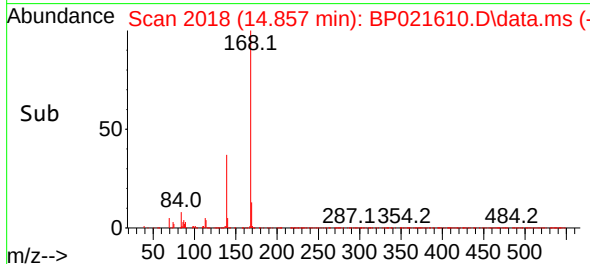
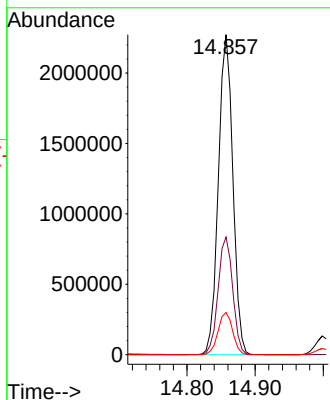
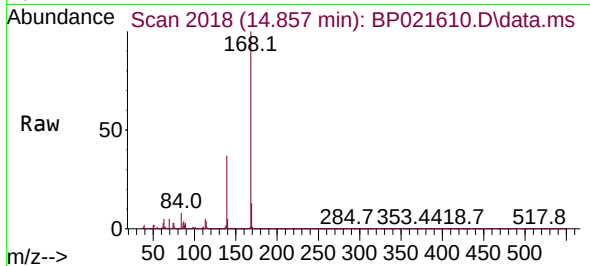




#55
Dibenzofuran
Concen: 49.753 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

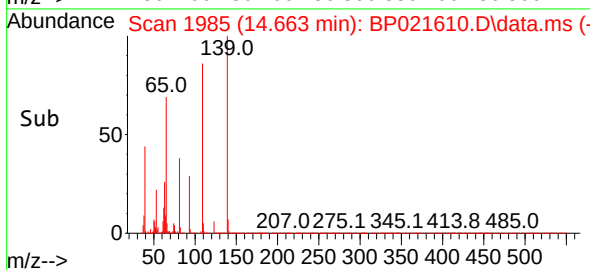
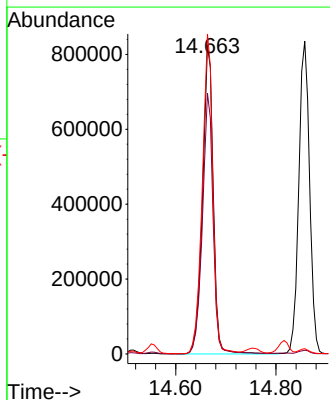
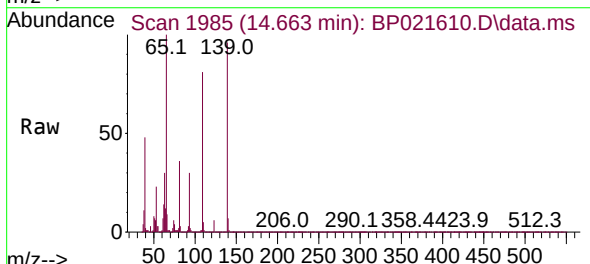
Instrument :
BNA_P
ClientSampleId :
PB162379BS

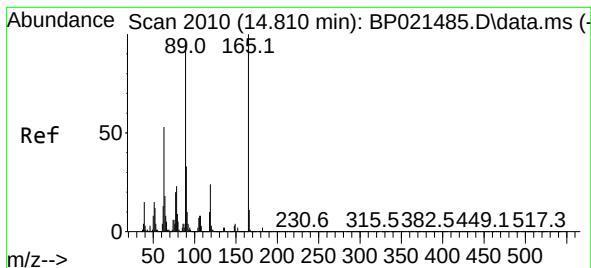
Tgt Ion:168 Resp: 3356600
Ion Ratio Lower Upper
168 100
139 36.8 28.6 43.0
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 129.951 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:139 Resp: 1222464
Ion Ratio Lower Upper
139 100
109 84.6 70.2 110.2
65 103.8 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 62.568 ng

RT: 14.816 min Scan# 2010

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

Tgt Ion:165 Resp: 911666

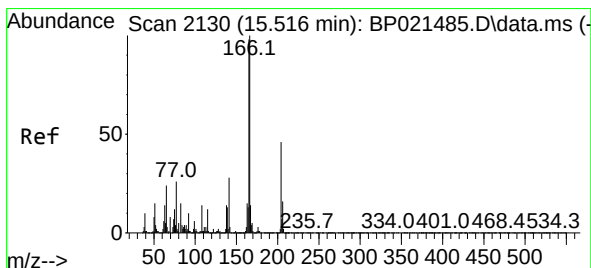
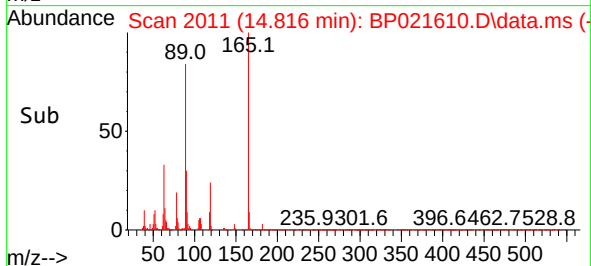
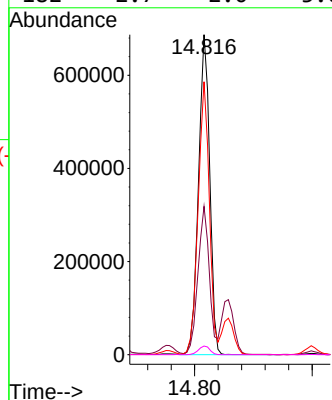
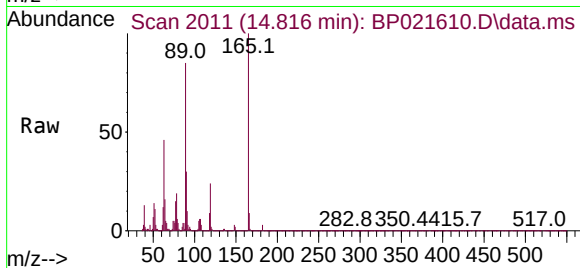
Ion Ratio Lower Upper

165 100

63 46.3 42.5 63.7

89 85.3 77.1 115.7

182 2.7 2.0 3.0



#58

Fluorene

Concen: 48.410 ng

RT: 15.516 min Scan# 2130

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

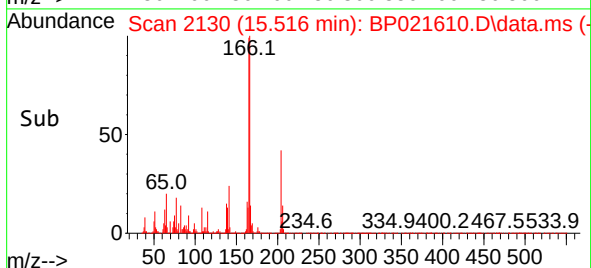
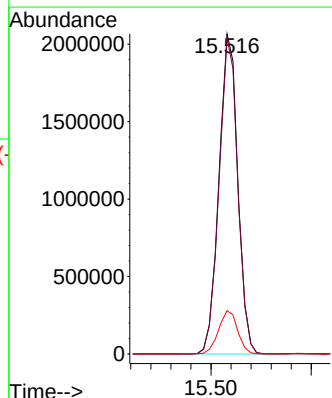
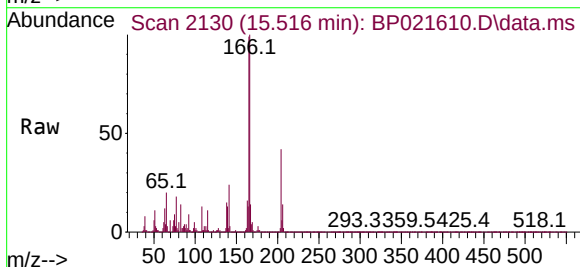
Tgt Ion:166 Resp: 2683098

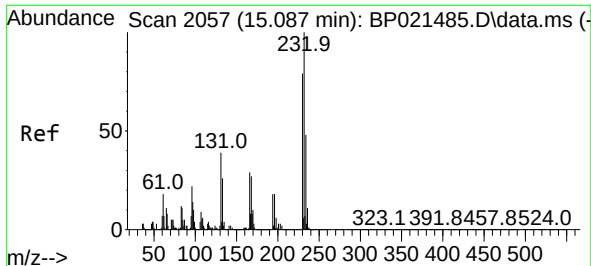
Ion Ratio Lower Upper

166 100

165 98.8 78.1 117.1

167 13.5 11.0 16.4

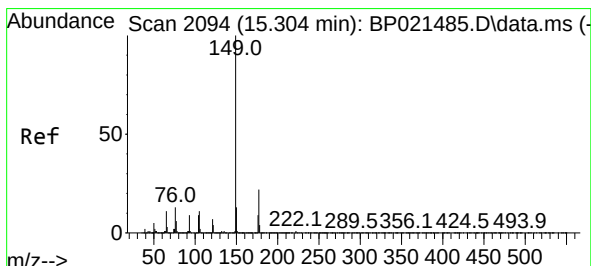
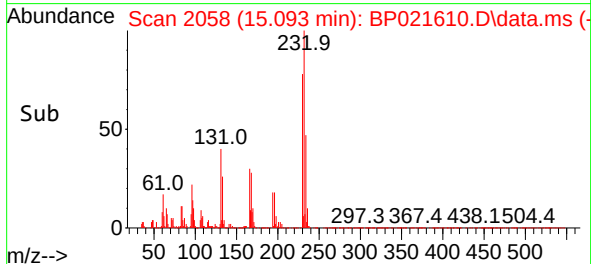
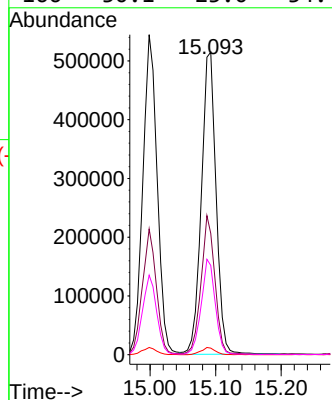
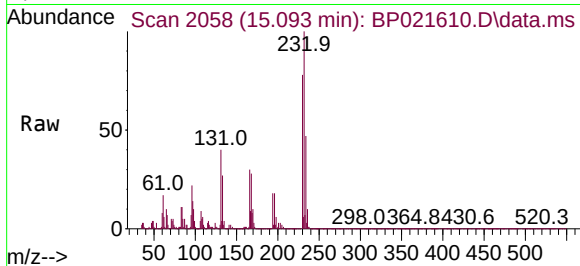




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.524 ng
RT: 15.093 min Scan# 2058
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

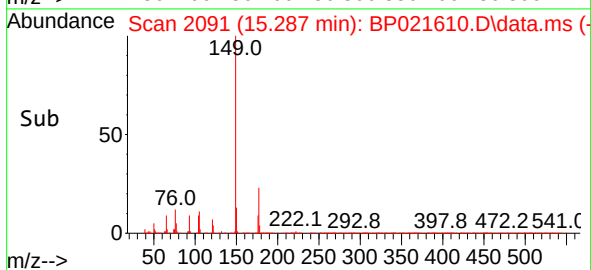
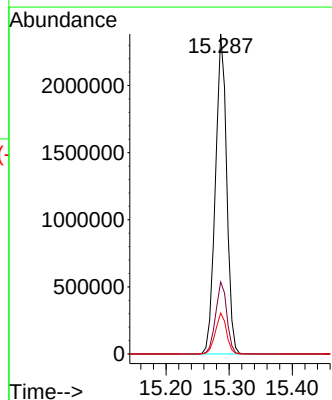
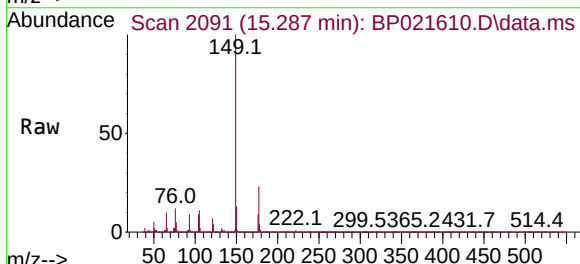
Instrument :
BNA_P
ClientSampleId :
PB162379BS

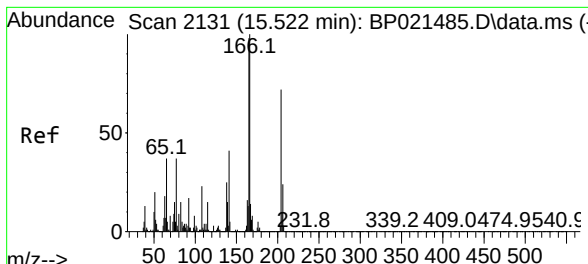
Tgt Ion:232 Resp: 804831
Ion Ratio Lower Upper
232 100
131 43.0 33.1 49.7
130 2.2 1.7 2.5
166 30.1 23.0 34.4



#60
Diethylphthalate
Concen: 51.855 ng
RT: 15.287 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:149 Resp: 2941250
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.8 10.1 15.1

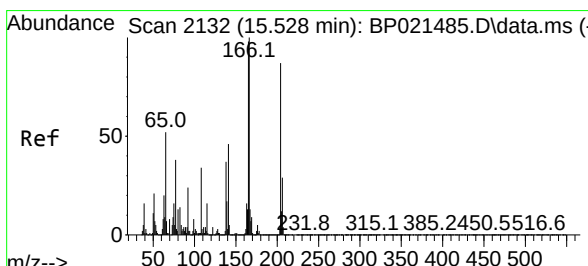
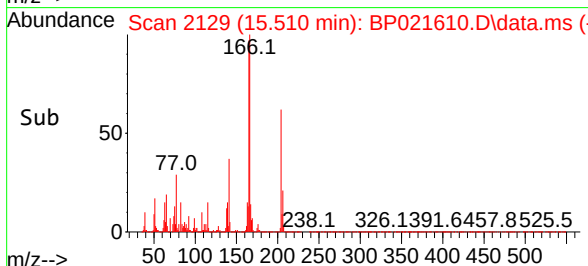
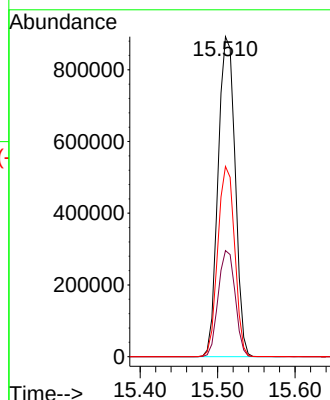
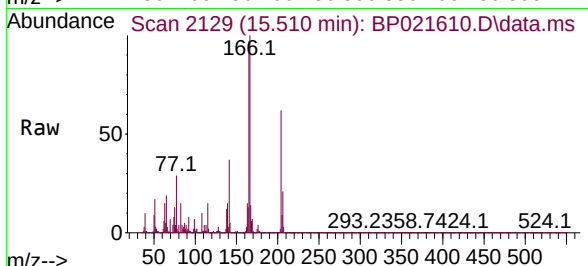




#61
4-Chlorophenyl-phenylether
Concen: 47.552 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

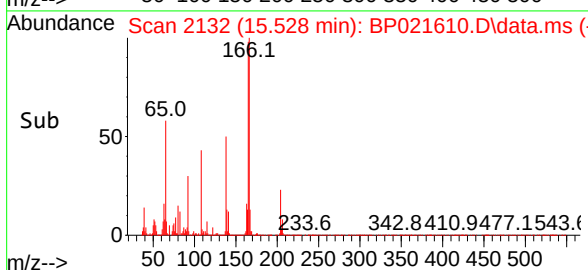
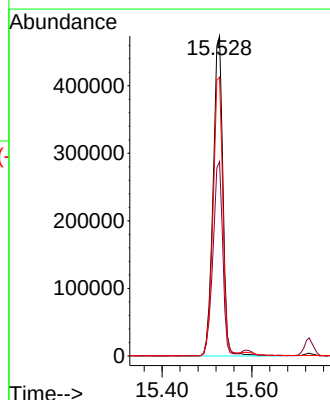
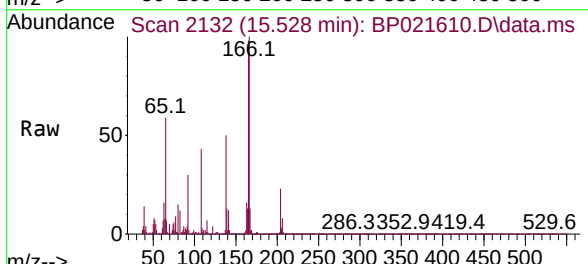
Instrument :
BNA_P
ClientSampleId :
PB162379BS

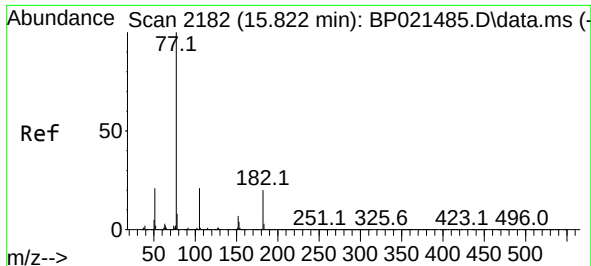
Tgt Ion:204 Resp: 1362347
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.5 46.1 69.1



#62
4-Nitroaniline
Concen: 62.541 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.018 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:138 Resp: 715493
Ion Ratio Lower Upper
138 100
92 60.7 46.4 86.4
108 87.2 73.2 113.2



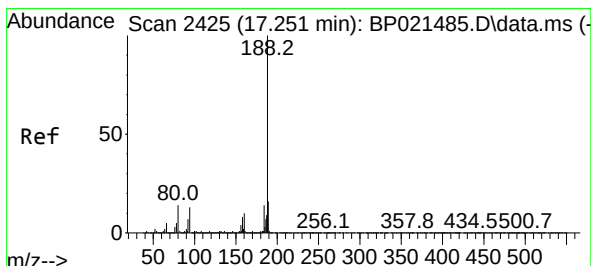
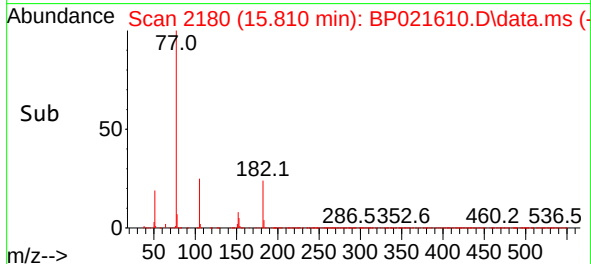
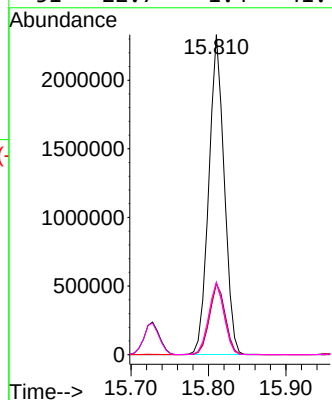
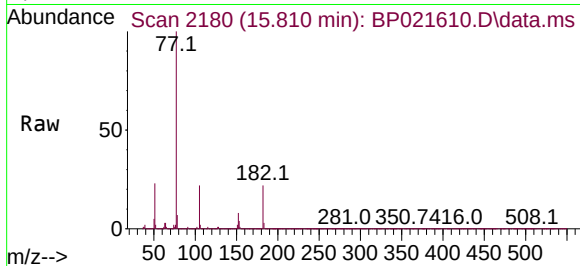


#63
Azobenzene
Concen: 46.091 ng
RT: 15.810 min Scan# 2182
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Instrument :
BNA_P
ClientSampleId :
PB162379BS

Tgt Ion: 77 Resp: 3213563

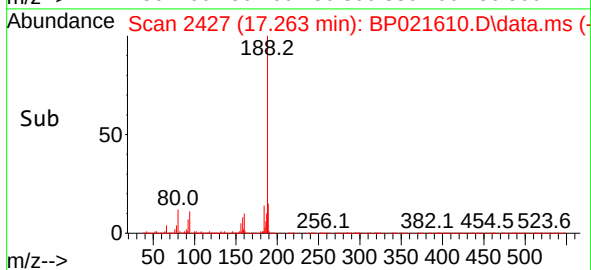
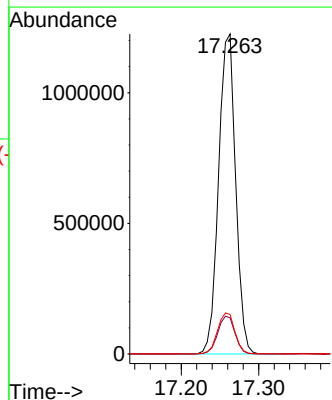
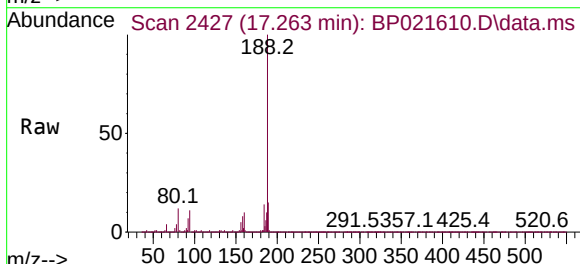
Ion	Ratio	Lower	Upper
77	100		
182	22.2	0.0	39.9
105	22.4	0.9	40.9
51	22.7	1.4	41.4

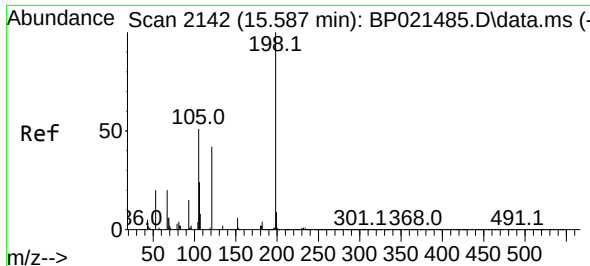


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 188 Resp: 1869995

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.2	15.4
80	12.3	11.6	17.4

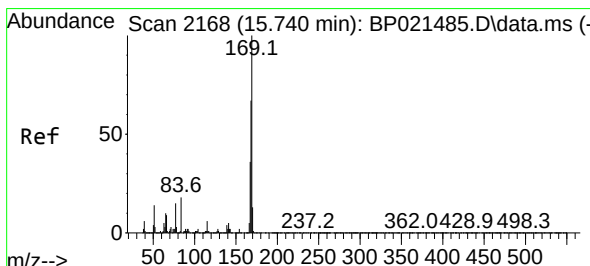
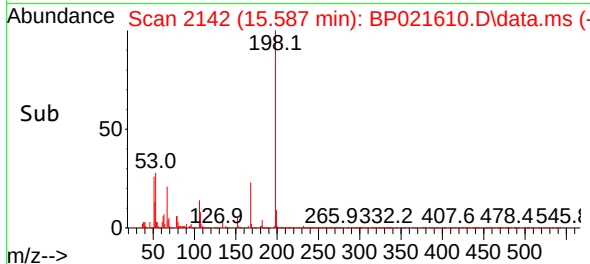
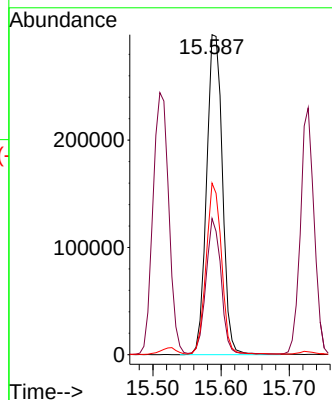
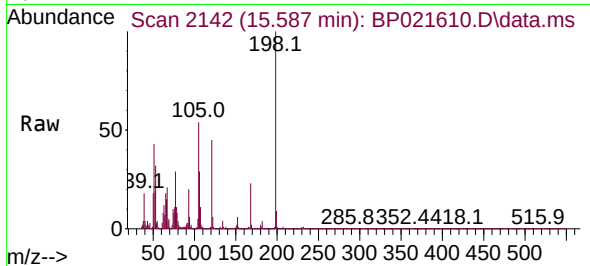




#65
4,6-Dinitro-2-methylphenol
Concen: 72.030 ng
RT: 15.587 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

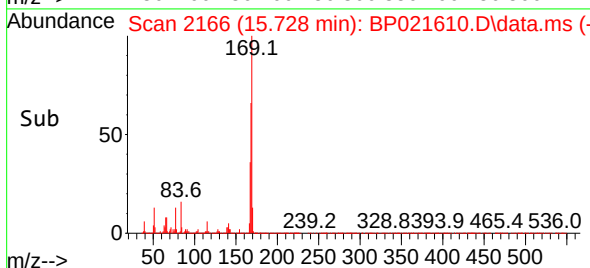
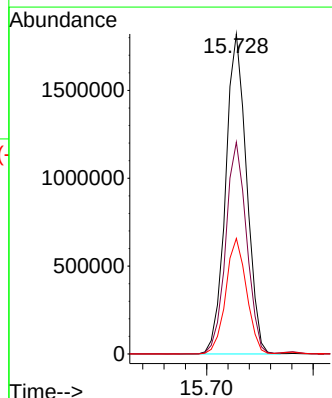
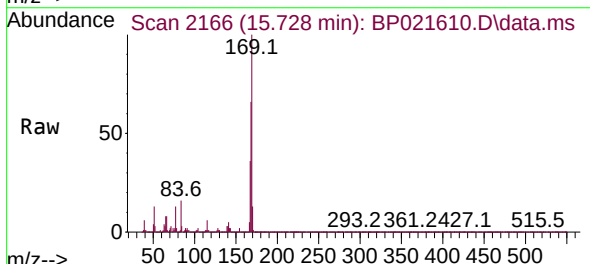
Instrument :
BNA_P
ClientSampleId :
PB162379BS

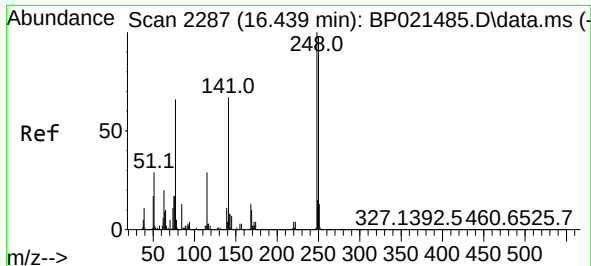
Tgt Ion:198 Resp: 482477
Ion Ratio Lower Upper
198 100
51 42.6 21.5 61.5
105 53.6 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 49.500 ng
RT: 15.728 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:169 Resp: 2480588
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.1 28.7 43.1

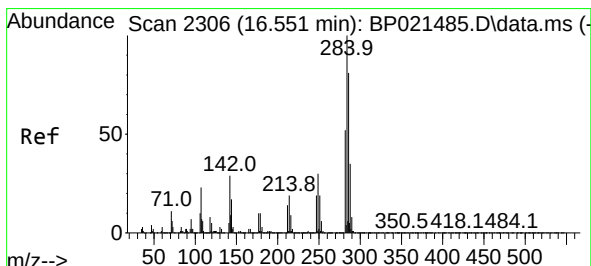
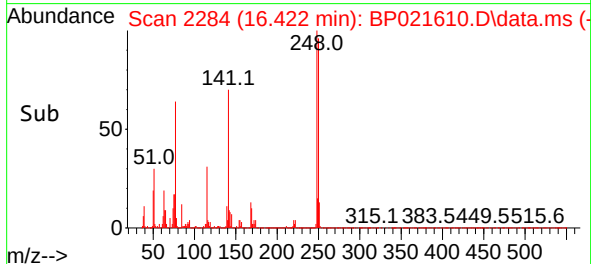
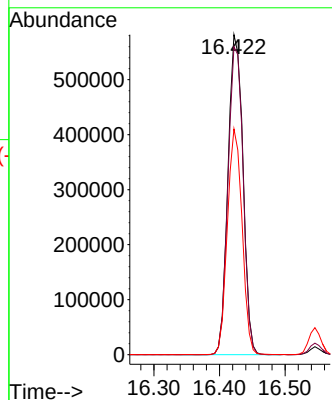
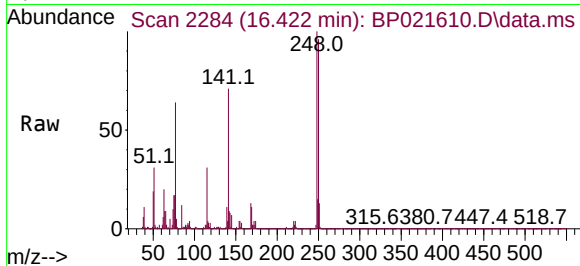




#67
4-Bromophenyl-phenylether
Concen: 46.605 ng
RT: 16.422 min Scan# 210
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

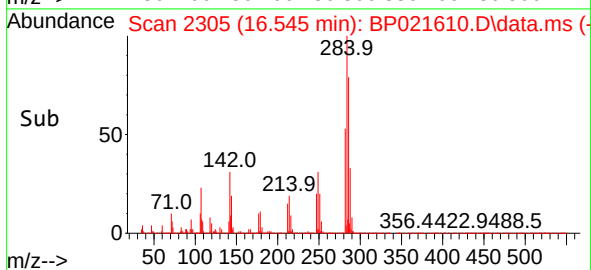
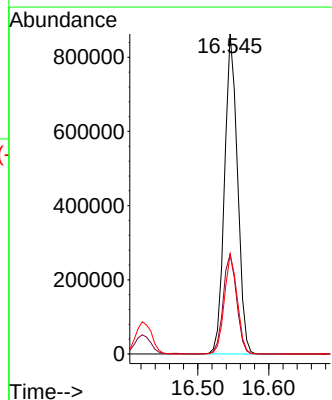
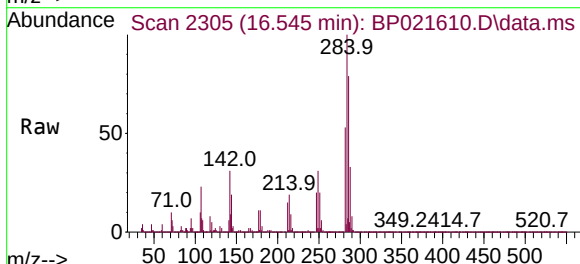
Instrument :
BNA_P
ClientSampleId :
PB162379BS

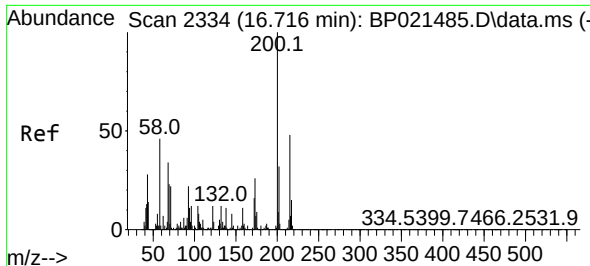
Tgt Ion:248 Resp: 922370
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 70.6 53.9 80.9



#68
Hexachlorobenzene
Concen: 46.597 ng
RT: 16.545 min Scan# 2305
Delta R.T. 0.012 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:284 Resp: 1089831
Ion Ratio Lower Upper
284 100
142 31.2 23.4 35.2
249 31.2 24.1 36.1

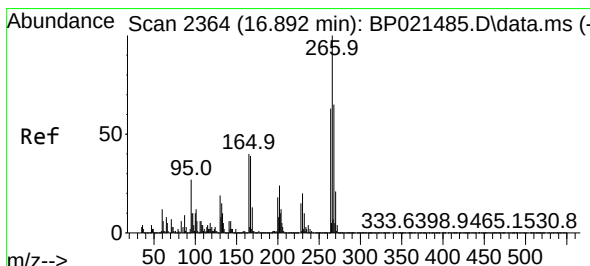
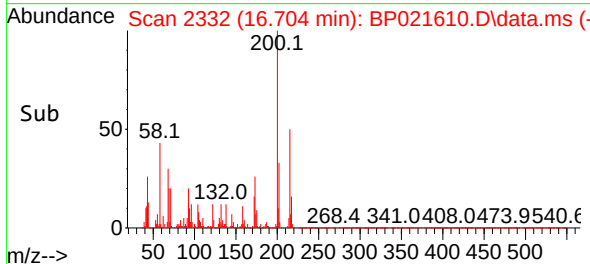
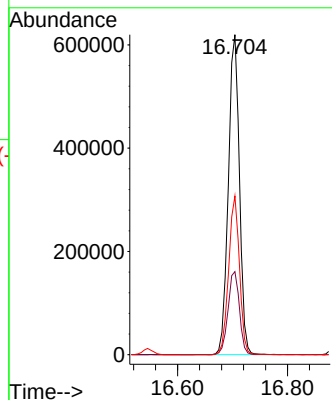
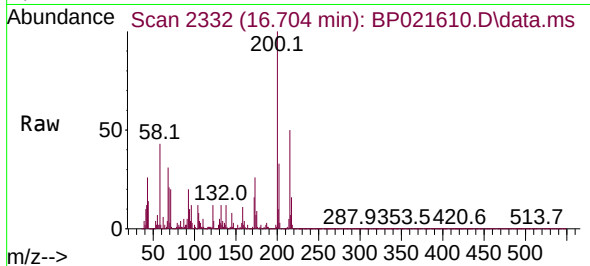




#69
Atrazine
Concen: 50.441 ng
RT: 16.704 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

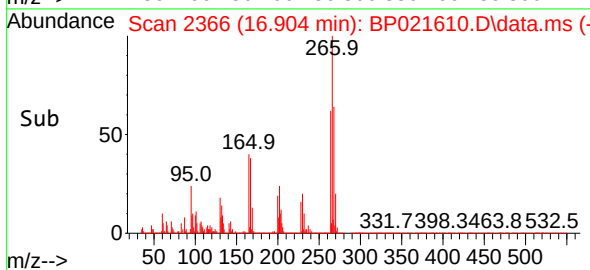
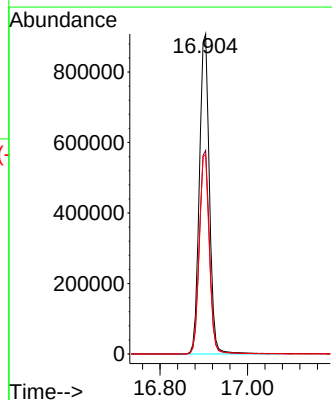
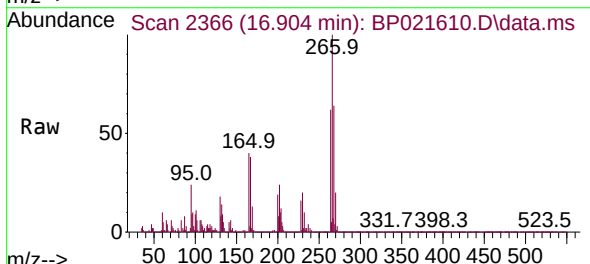
Instrument :
BNA_P
ClientSampleId :
PB162379BS

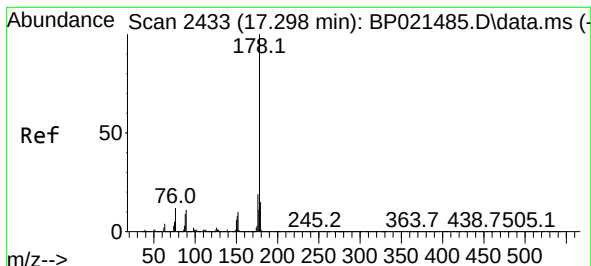
Tgt Ion:200 Resp: 867857
Ion Ratio Lower Upper
200 100
173 26.0 6.2 46.2
215 49.6 28.4 68.4



#70
Pentachlorophenol
Concen: 113.381 ng
RT: 16.904 min Scan# 2366
Delta R.T. 0.018 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:266 Resp: 1447374
Ion Ratio Lower Upper
266 100
268 63.6 51.8 77.6
264 62.3 50.5 75.7





#71

Phenanthrene

Concen: 50.777 ng

RT: 17.304 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

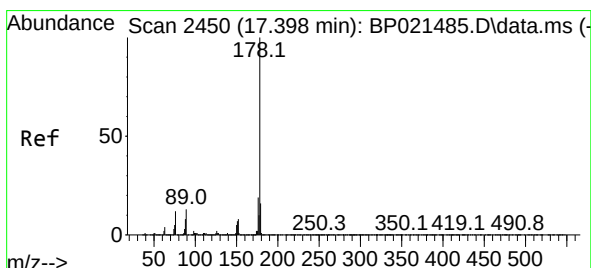
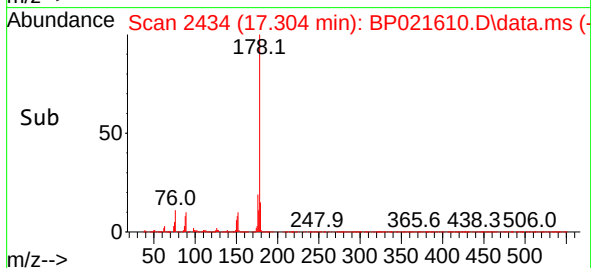
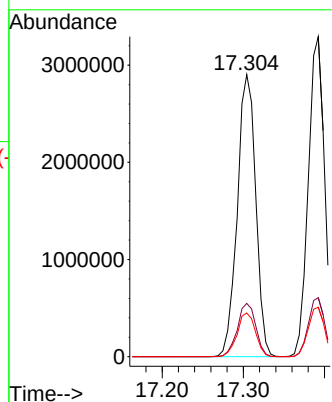
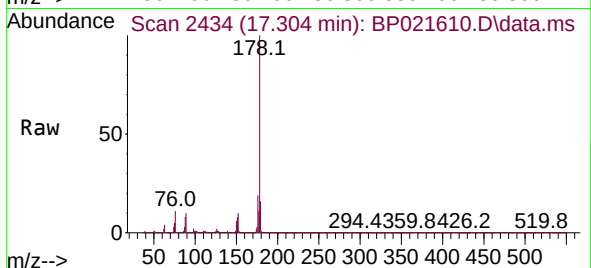
Tgt Ion:178 Resp: 4566475

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 52.189 ng

RT: 17.392 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

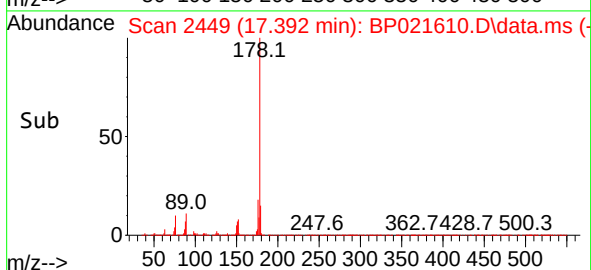
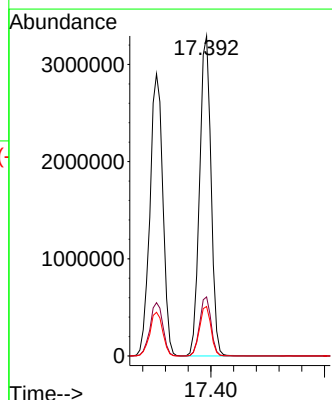
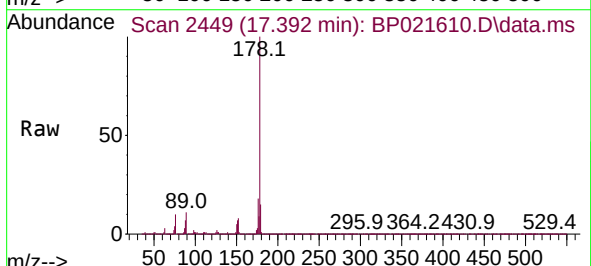
Tgt Ion:178 Resp: 4602971

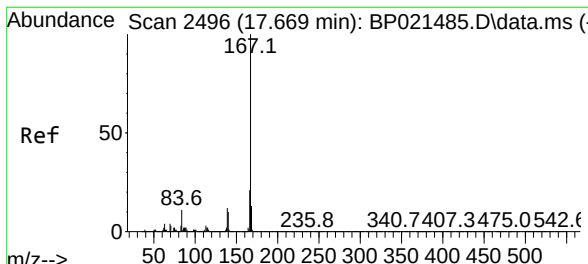
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.4 12.5 18.7



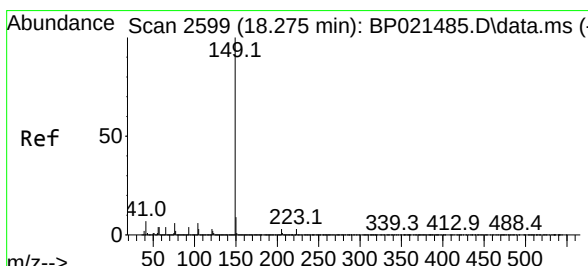
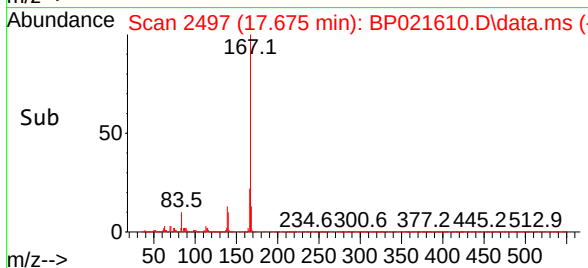
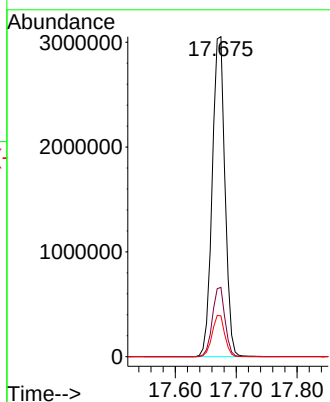
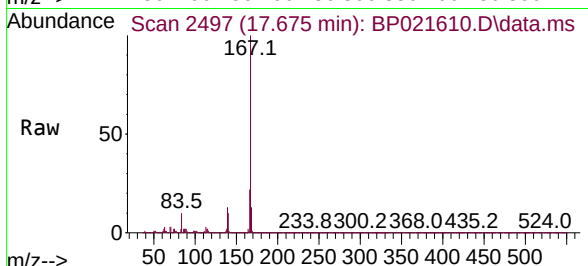


#73
 Carbazole
 Concen: 52.201 ng
 RT: 17.675 min Scan# 2497
 Delta R.T. 0.012 min
 Lab File: BP021610.D
 Acq: 22 Aug 2024 12:15

Instrument :
 BNA_P
 ClientSampleId :
 PB162379BS

Tgt Ion:167 Resp: 4437015

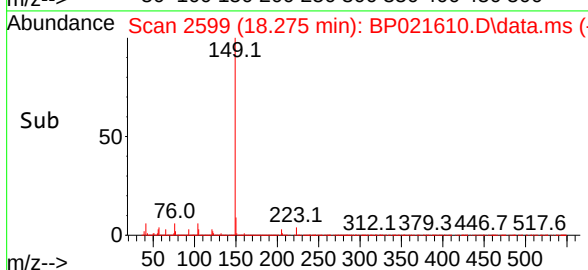
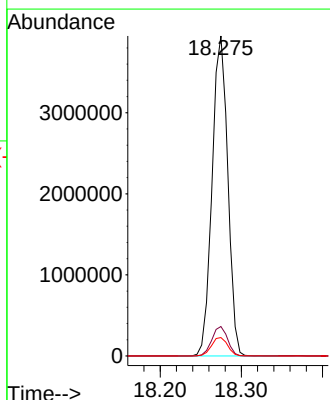
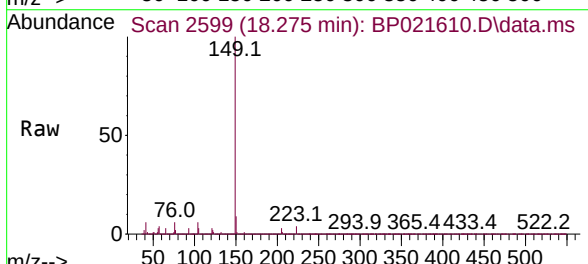
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.7	9.9	14.9

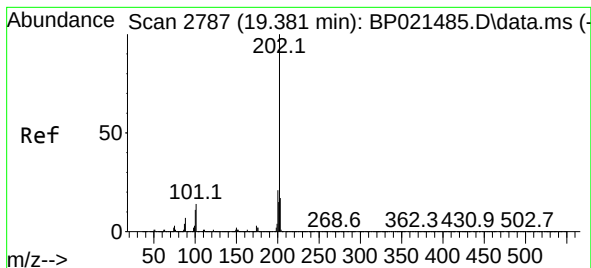


#74
 Di-n-butylphthalate
 Concen: 50.725 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. 0.012 min
 Lab File: BP021610.D
 Acq: 22 Aug 2024 12:15

Tgt Ion:149 Resp: 5295157

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.8	4.9	7.3





#75

Fluoranthene

Concen: 51.417 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

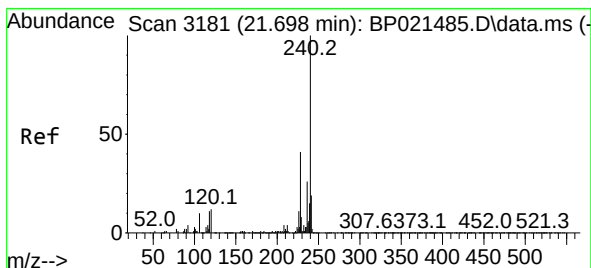
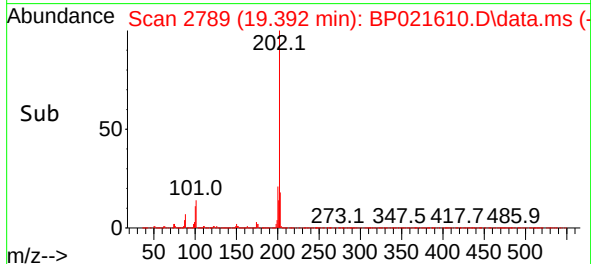
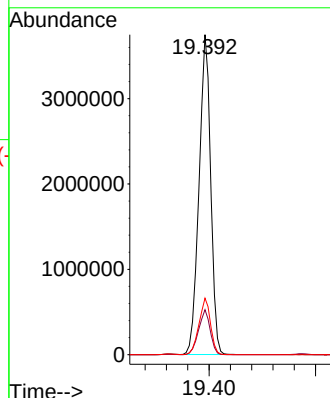
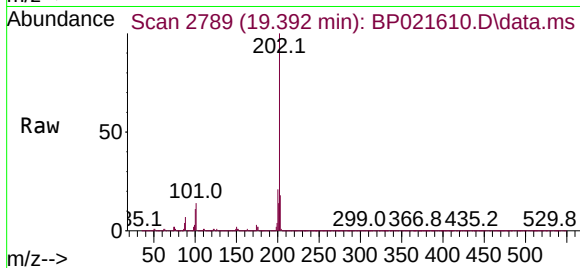
Tgt Ion:202 Resp: 5673653

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.0

203 17.7 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: BP021610.D

Acq: 22 Aug 2024 12:15

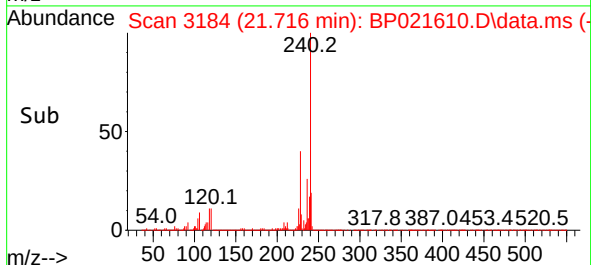
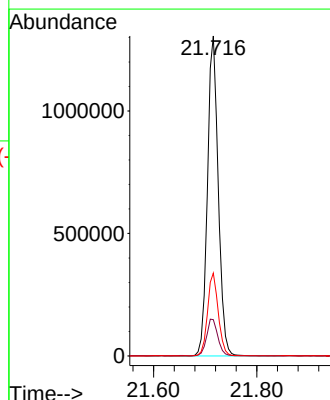
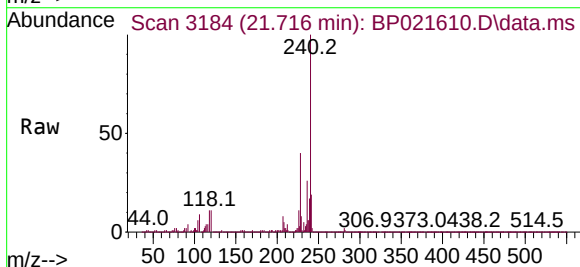
Tgt Ion:240 Resp: 1887514

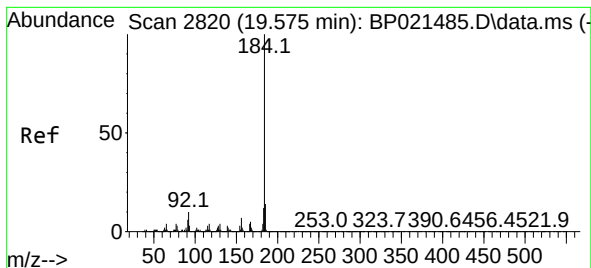
Ion Ratio Lower Upper

240 100

120 11.4 9.9 14.9

236 25.9 20.6 30.8





#77

Benzidine

Concen: 45.965 ng

RT: 19.575 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

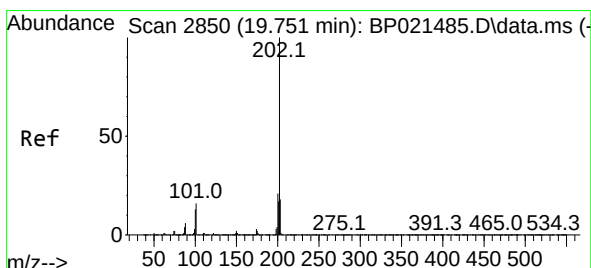
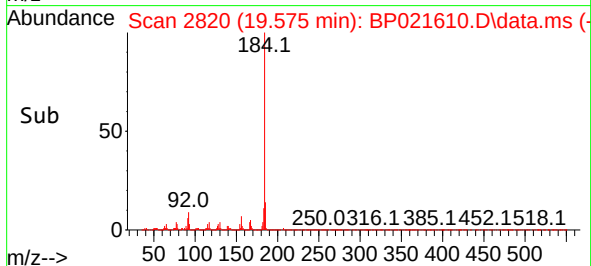
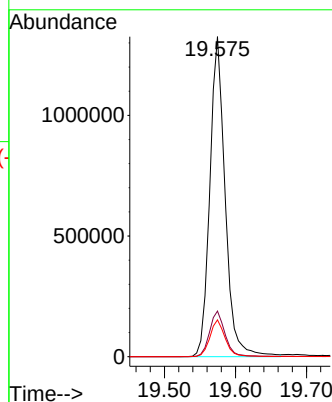
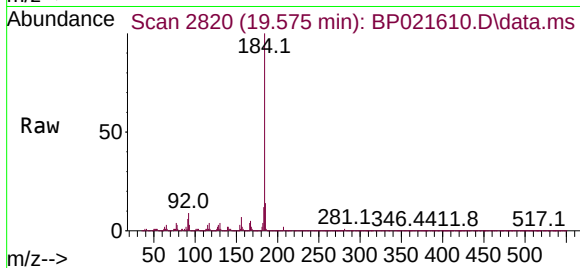
Tgt Ion:184 Resp: 1995597

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.5 9.3 13.9



#78

Pyrene

Concen: 48.260 ng

RT: 19.769 min Scan# 2853

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

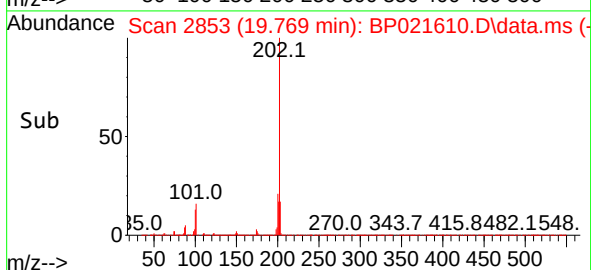
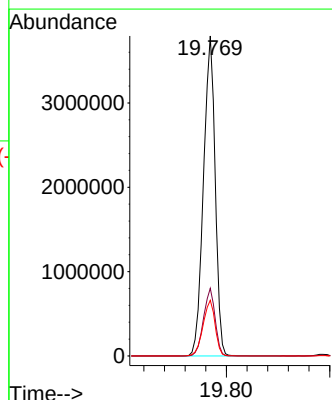
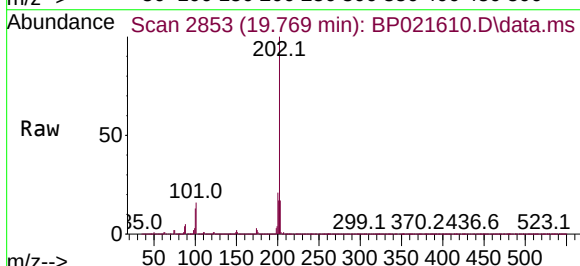
Tgt Ion:202 Resp: 5953959

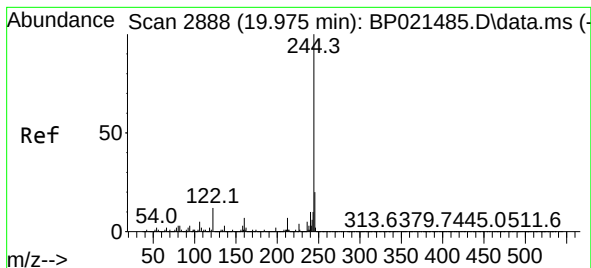
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 87.493 ng

RT: 19.986 min Scan# 2888

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

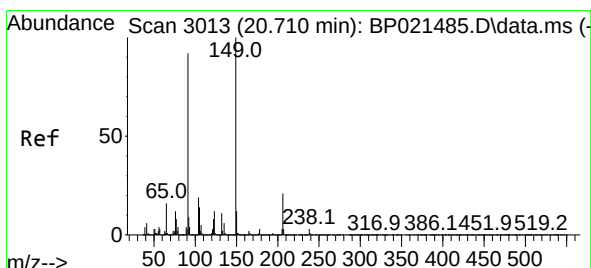
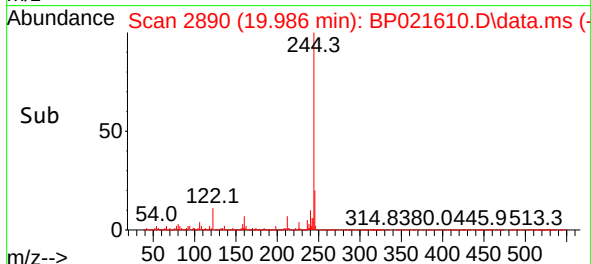
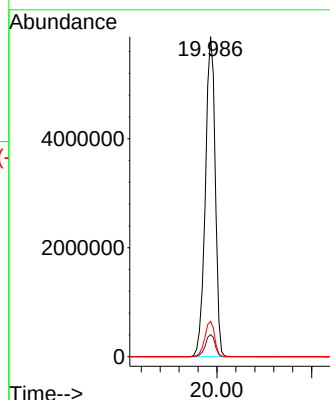
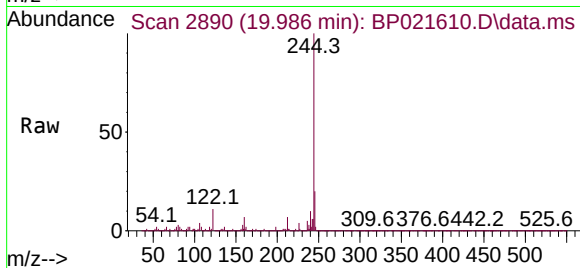
Tgt Ion:244 Resp: 8500671

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 53.527 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

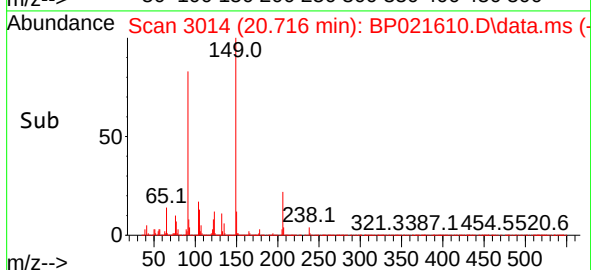
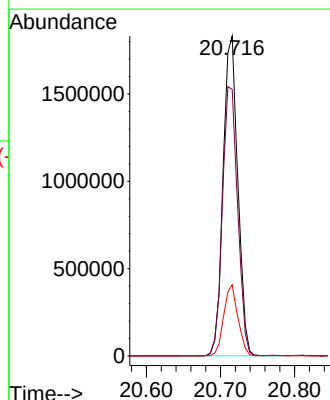
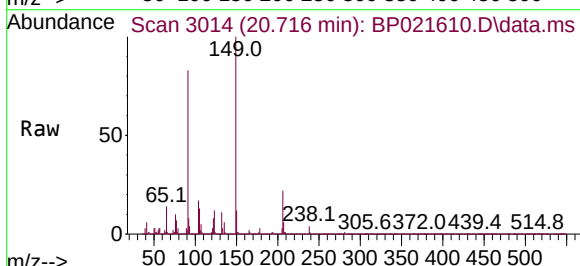
Tgt Ion:149 Resp: 2527344

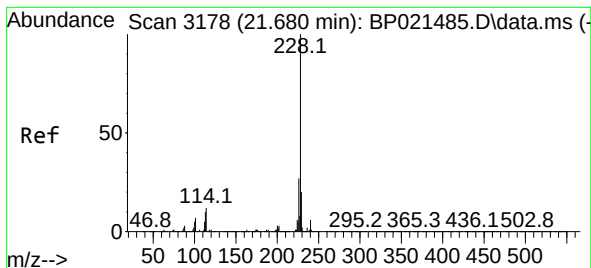
Ion Ratio Lower Upper

149 100

91 83.3 73.3 109.9

206 22.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 50.940 ng

RT: 21.698 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

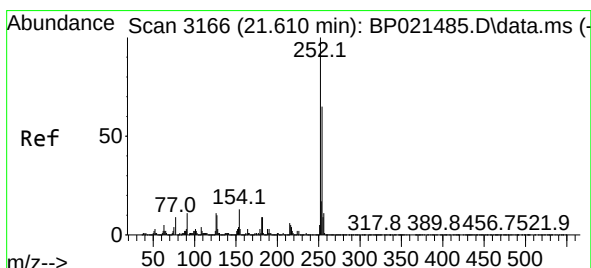
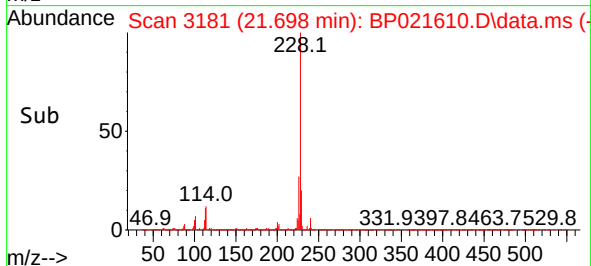
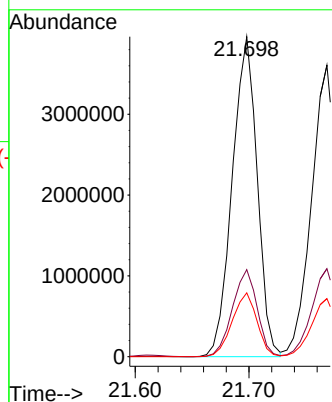
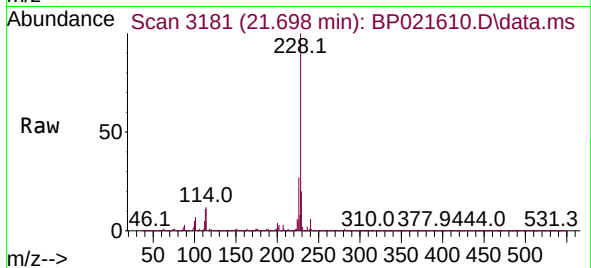
Tgt Ion:228 Resp: 6035949

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 50.680 ng

RT: 21.610 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

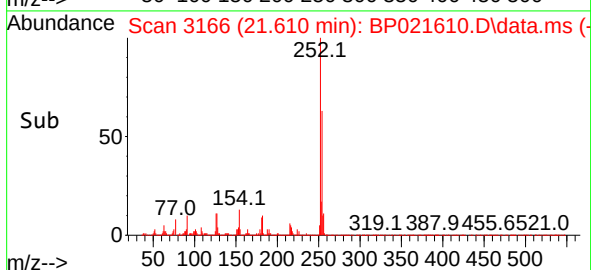
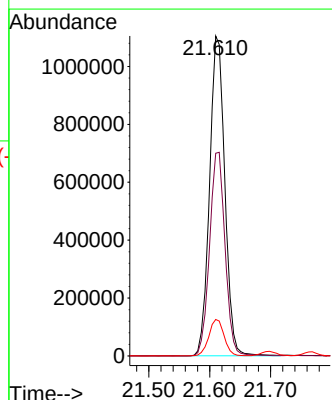
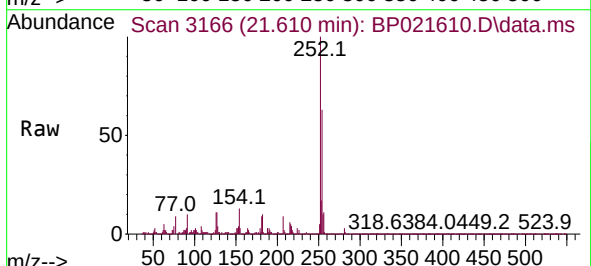
Tgt Ion:252 Resp: 1925402

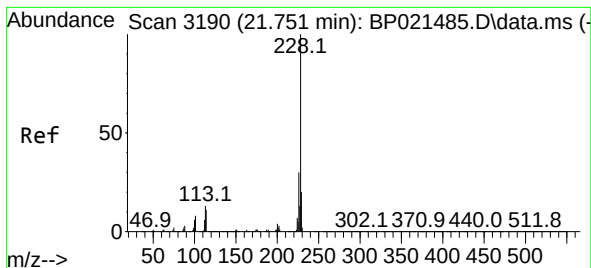
Ion Ratio Lower Upper

252 100

254 63.4 51.7 77.5

126 11.4 8.7 13.1





#83

Chrysene

Concen: 51.196 ng

RT: 21.769 min Scan# 3190

Delta R.T. -0.000 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

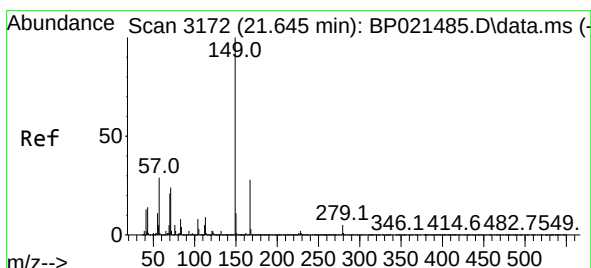
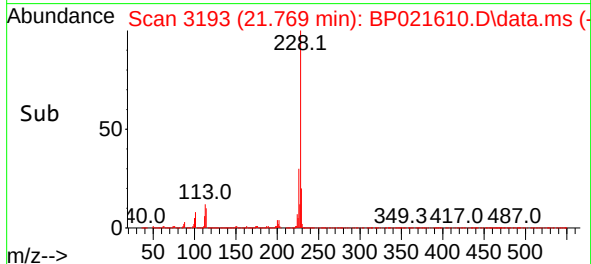
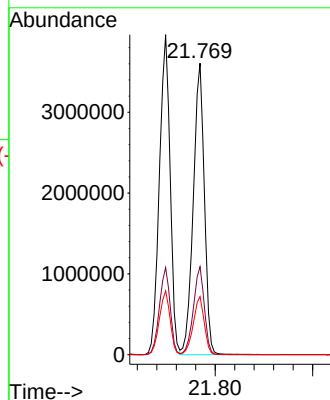
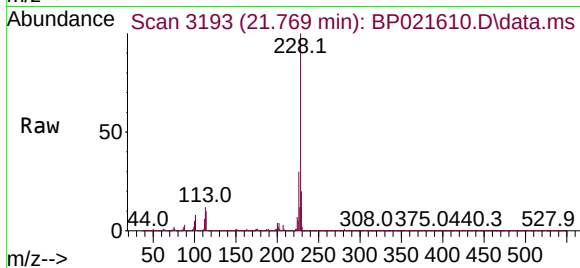
BNA_P

ClientSampleId :

PB162379BS

Tgt Ion:228 Resp: 5727442

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.9	15.8	23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.827 ng

RT: 21.657 min Scan# 3174

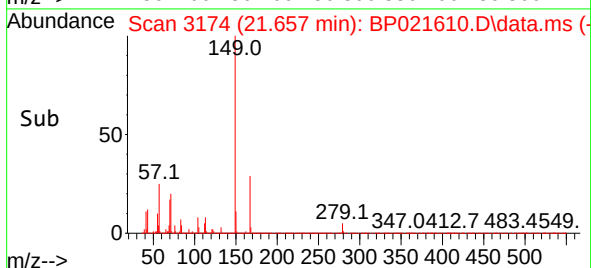
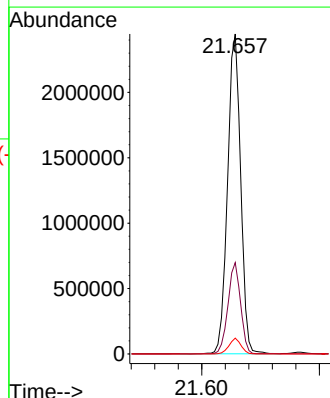
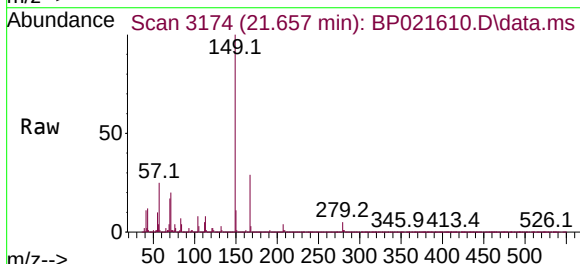
Delta R.T. 0.006 min

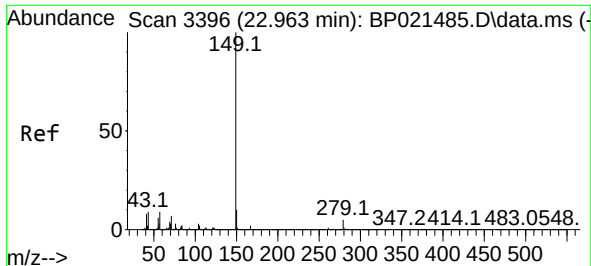
Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Tgt Ion:149 Resp: 3769656

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	4.9	3.8	5.6

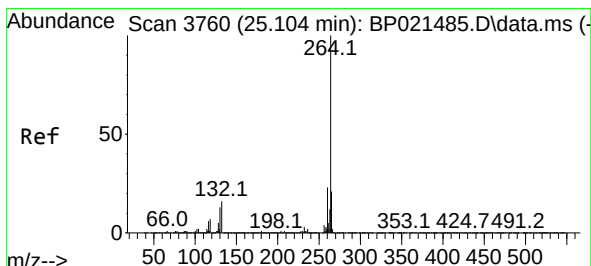
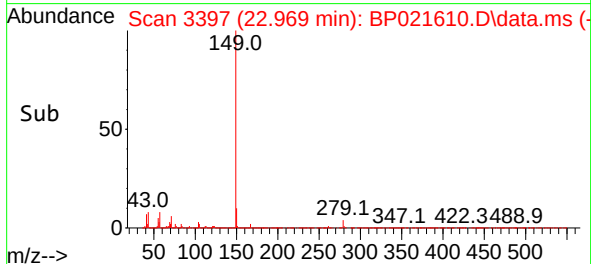
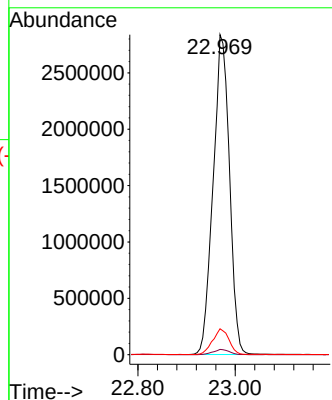
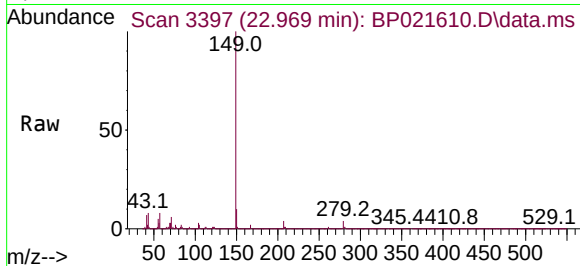




#85
Di-n-octyl phthalate
Concen: 52.950 ng
RT: 22.969 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

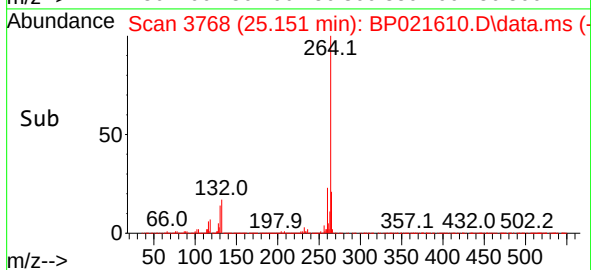
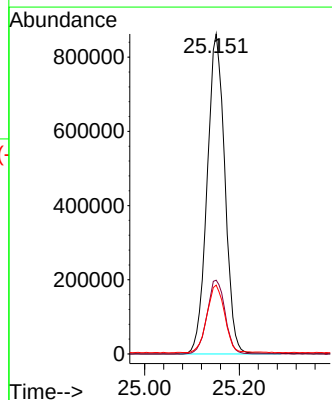
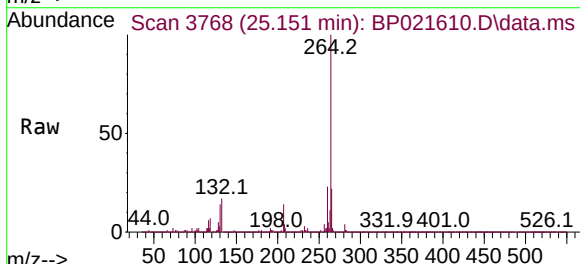
Instrument :
BNA_P
ClientSampleId :
PB162379BS

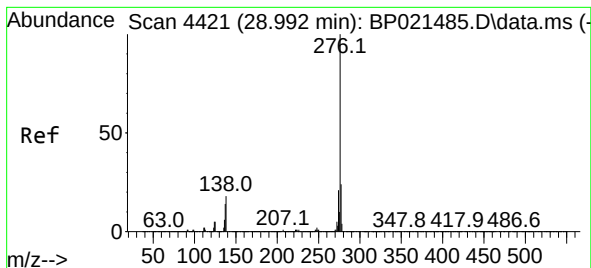
Tgt Ion:149 Resp: 6582139
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.151 min Scan# 3768
Delta R.T. -0.000 min
Lab File: BP021610.D
Acq: 22 Aug 2024 12:15

Tgt Ion:264 Resp: 2236788
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.933 ng m

RT: 29.051 min Scan# 4421

Delta R.T. -0.006 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

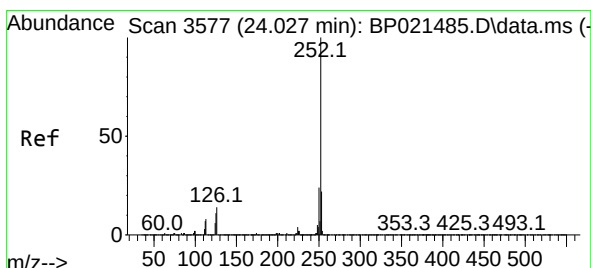
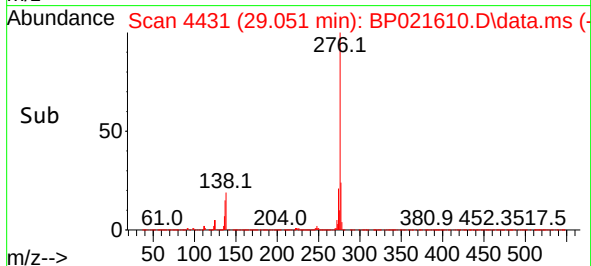
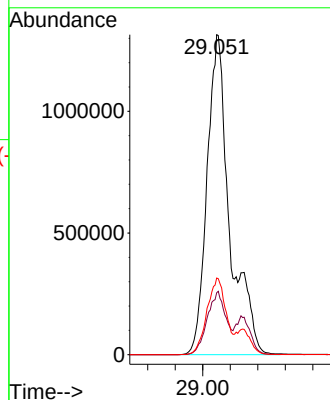
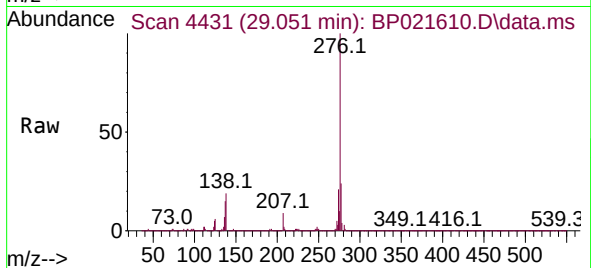
Tgt Ion:276 Resp: 7529808

Ion Ratio Lower Upper

276 100

138 16.6 12.8 19.2

277 19.8 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 51.347 ng

RT: 24.069 min Scan# 3584

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

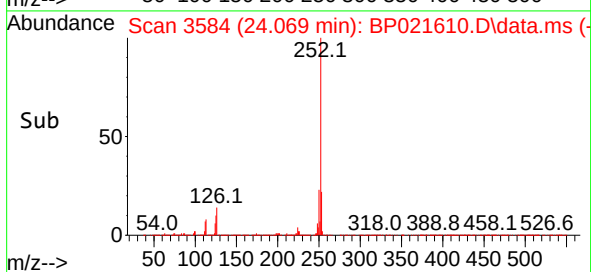
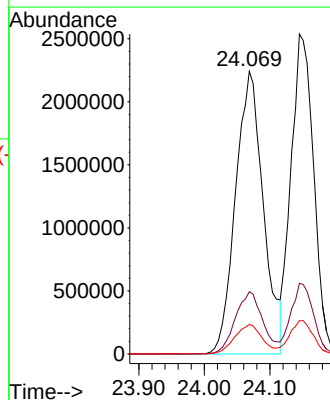
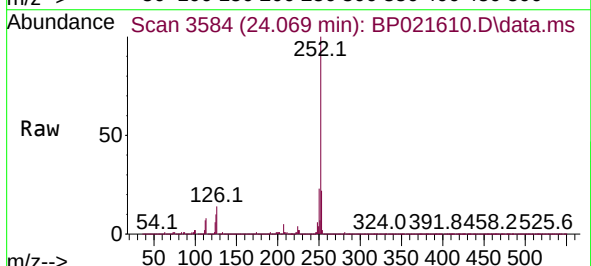
Tgt Ion:252 Resp: 6596243

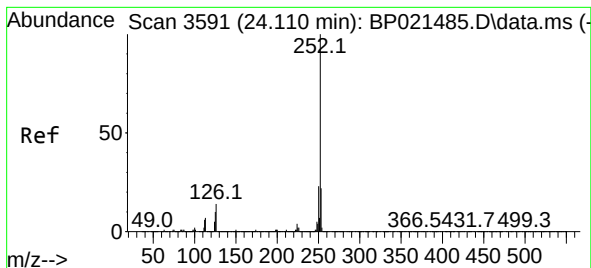
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 48.531 ng

RT: 24.145 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

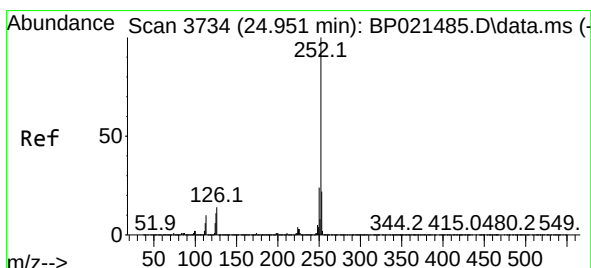
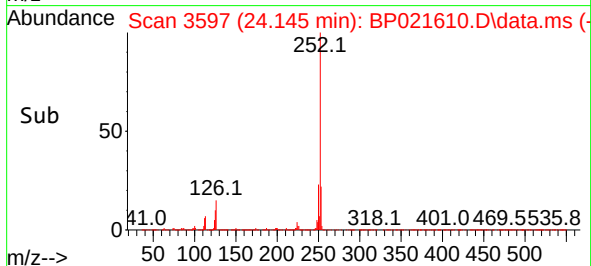
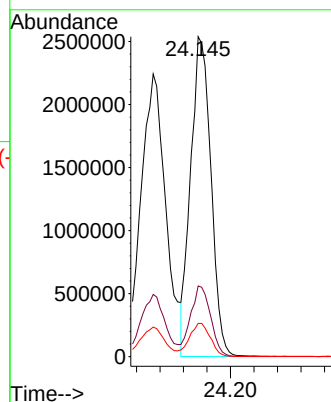
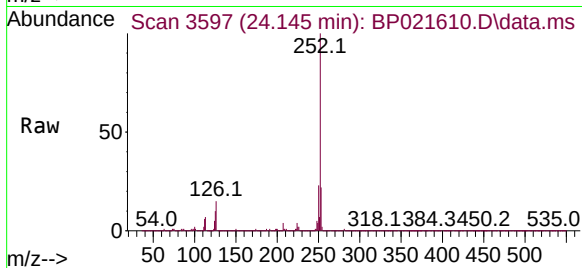
Tgt Ion:252 Resp: 6081763

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.4 7.8 11.8



#90

Benzo(a)pyrene

Concen: 54.148 ng

RT: 24.992 min Scan# 3741

Delta R.T. 0.012 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

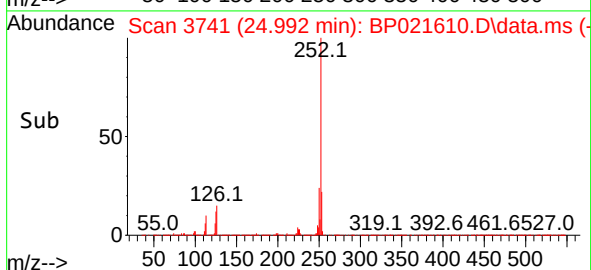
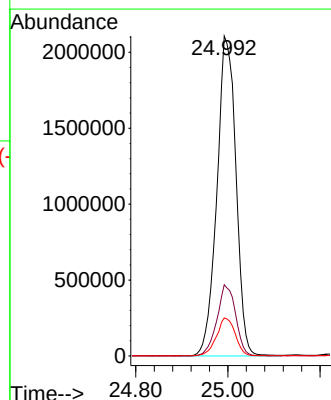
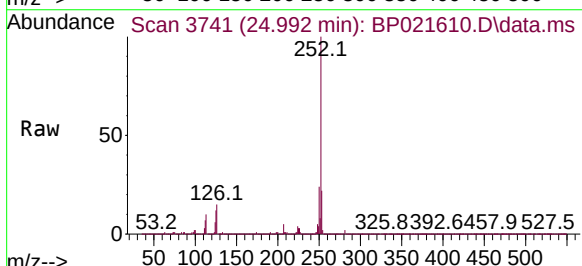
Tgt Ion:252 Resp: 6036429

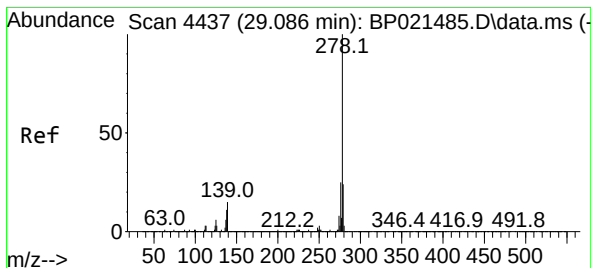
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.750 ng

RT: 29.151 min Scan# 4437

Delta R.T. 0.018 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Instrument :

BNA_P

ClientSampleId :

PB162379BS

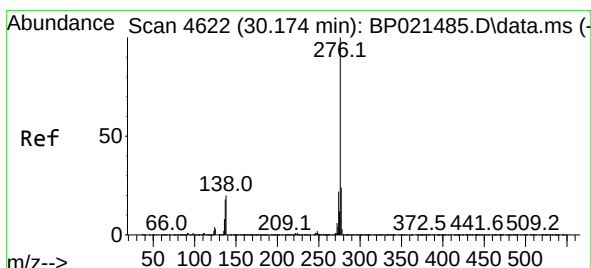
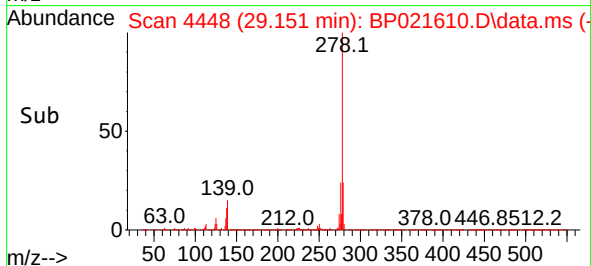
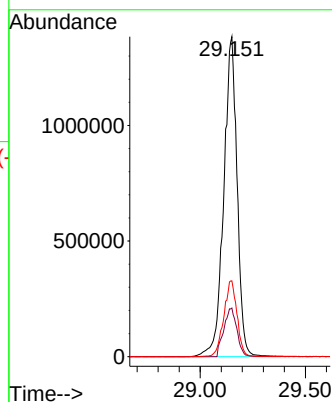
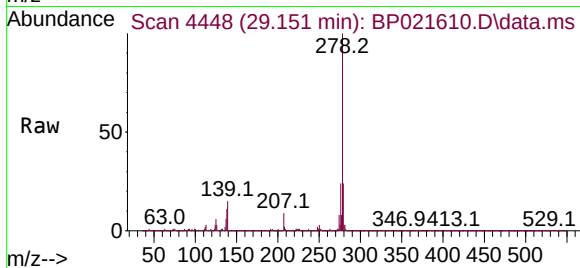
Tgt Ion:278 Resp: 6113949

Ion Ratio Lower Upper

278 100

139 15.2 12.2 18.4

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.888 ng

RT: 30.262 min Scan# 4637

Delta R.T. -0.000 min

Lab File: BP021610.D

Acq: 22 Aug 2024 12:15

Tgt Ion:276 Resp: 5903037

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 20.7 16.0 24.0

