

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021595.D
 Acq On : 21 Aug 2024 13:08
 Operator : RC/JU
 Sample : PB162788BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD

Quant Time: Aug 21 13:35:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	384224	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1531743	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	1006858	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	2217857	20.000	ng	0.02
76) Chrysene-d12	21.745	240	2163191	20.000	ng	0.05
86) Perylene-d12	25.186	264	2473126	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	3335559	128.905	ng	0.00
7) Phenol-d6	6.957	99	4505591	119.362	ng	0.00
23) Nitrobenzene-d5	8.940	82	2666511	89.853	ng	-0.01
42) 2,4,6-Tribromophenol	15.975	330	1673417	149.333	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	5133884	77.817	ng	0.00
79) Terphenyl-d14	19.998	244	8892065	79.858	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	347460	28.319	ng	99
3) Pyridine	3.705	79	930655	27.171	ng	93
4) n-Nitrosodimethylamine	3.611	42	422424	41.032	ng	91
6) Aniline	7.116	93	976151	25.867	ng	97
8) 2-Chlorophenol	7.357	128	1168921	48.883	ng	94
9) Benzaldehyde	6.928	77	420026	17.379	ng	95
10) Phenol	6.981	94	1735921	44.410	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	1289737	38.994	ng	96
12) 1,3-Dichlorobenzene	7.681	146	1177258	41.447	ng	96
13) 1,4-Dichlorobenzene	7.828	146	1197767	41.761	ng	98
14) 1,2-Dichlorobenzene	8.140	146	1149033	41.572	ng	99
15) Benzyl Alcohol	8.022	79	1177332	43.470	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1212340	39.802	ng	96
17) 2-Methylphenol	8.228	107	1109884	44.914	ng	97
18) Hexachloroethane	8.875	117	487335	42.371	ng	98
19) n-Nitroso-di-n-propyla...	8.593	70	899887	34.512	ng	95
20) 3+4-Methylphenols	8.551	107	1525158	45.773	ng	97
22) Acetophenone	8.604	105	1784403	37.920	ng	98
24) Nitrobenzene	8.981	77	1378068	42.755	ng	93
25) Isophorone	9.516	82	2663131	37.986	ng	96
26) 2-Nitrophenol	9.693	139	573672	61.555	ng	94
27) 2,4-Dimethylphenol	9.757	122	876177	50.640	ng	97
28) bis(2-Chloroethoxy)met...	9.993	93	1703029	39.795	ng	99
29) 2,4-Dichlorophenol	10.228	162	1072562	52.467	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	1091243	41.636	ng	99
31) Naphthalene	10.634	128	3402622	42.523	ng	99
32) Benzoic acid	9.893	122	851943	65.379	ng	92
33) 4-Chloroaniline	10.740	127	776724	25.841	ng	96
34) Hexachlorobutadiene	10.928	225	658832	39.924	ng	99
35) Caprolactam	11.528	113	267234	31.406	ng	89
36) 4-Chloro-3-methylphenol	11.875	107	1418055	50.007	ng	97
37) 2-Methylnaphthalene	12.251	142	2320318	42.487	ng	99
38) 1-Methylnaphthalene	12.475	142	2182028	40.511	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	1150611	39.002	ng	99
41) Hexachlorocyclopentadiene	12.610	237	996277	106.554	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	899987	54.919	ng	100

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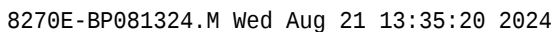
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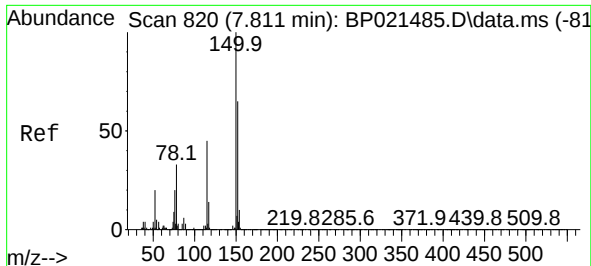
Quant Time: Aug 21 13:35:07 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	972767	53.428	ng	96
46) 1,1'-Biphenyl	13.281	154	2837499	39.832	ng	97
47) 2-Chloronaphthalene	13.316	162	2349701	42.367	ng	99
48) 2-Nitroaniline	13.510	65	835325	53.124	ng	# 86
49) Acenaphthylene	14.169	152	3890940	47.725	ng	100
50) Dimethylphthalate	13.910	163	3088858	45.810	ng	99
51) 2,6-Dinitrotoluene	14.016	165	683865	50.083	ng	91
52) Acenaphthene	14.528	154	2245078	41.969	ng	100
53) 3-Nitroaniline	14.345	138	574577	43.381	ng	# 90
54) 2,4-Dinitrophenol	14.569	184	747280	122.690	ng	# 87
55) Dibenzofuran	14.869	168	3681261	44.735	ng	99
56) 4-Nitrophenol	14.675	139	1289235	113.046	ng	# 84
57) 2,4-Dinitrotoluene	14.822	165	986728	56.086	ng	84
58) Fluorene	15.533	166	2899678	42.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	878009	56.815	ng	98
60) Diethylphthalate	15.304	149	3126196	45.186	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	1486596	42.541	ng	99
62) 4-Nitroaniline	15.539	138	717929	51.968	ng	89
63) Azobenzene	15.816	77	3377663	39.717	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	528178	68.253	ng	97
66) n-Nitrosodiphenylamine	15.739	169	2636014	44.351	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	998300	42.530	ng	99
68) Hexachlorobenzene	16.563	284	1158608	41.768	ng	99
69) Atrazine	16.722	200	833535	40.847	ng	99
70) Pentachlorophenol	16.916	266	1553061	102.579	ng	99
71) Phenanthrene	17.322	178	4773202	44.751	ng	100
72) Anthracene	17.410	178	4737961	45.294	ng	100
73) Carbazole	17.680	167	4687315	46.496	ng	99
74) Di-n-butylphthalate	18.292	149	5601905	45.247	ng	99
75) Fluoranthene	19.398	202	5849345	44.695	ng	99
77) Benzidine	19.592	184	1163683	23.572	ng	99
78) Pyrene	19.774	202	6199077	43.844	ng	100
80) Butylbenzylphthalate	20.727	149	2645879	49.208	ng	91
81) Benzo(a)anthracene	21.721	228	6266458	46.146	ng	99
82) 3,3'-Dichlorobenzidine	21.633	252	1871748	42.989	ng	99
83) Chrysene	21.792	228	5892243	45.957	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3894673	48.525	ng	99
85) Di-n-octyl phthalate	22.998	149	6944035	49.126	ng	97
87) Indeno(1,2,3-cd)pyrene	29.133	276	7170314	44.727	ng	# 92
88) Benzo(b)fluoranthene	24.098	252	6816748	47.993	ng	99
89) Benzo(k)fluoranthene	24.168	252	6680950	48.218	ng	99
90) Benzo(a)pyrene	25.015	252	6448176	52.314	ng	99
91) Dibenzo(a,h)anthracene	29.203	278	6908449	51.865	ng	100
92) Benzo(g,h,i)perylene	30.321	276	6689956	50.110	ng	99

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

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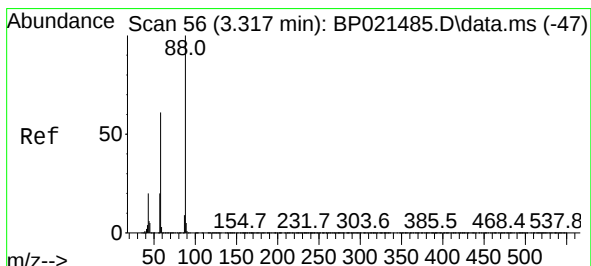
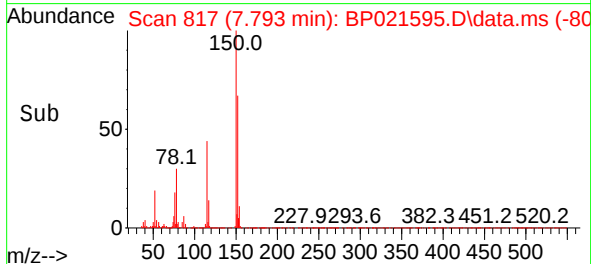
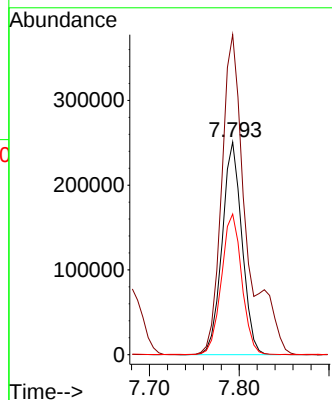
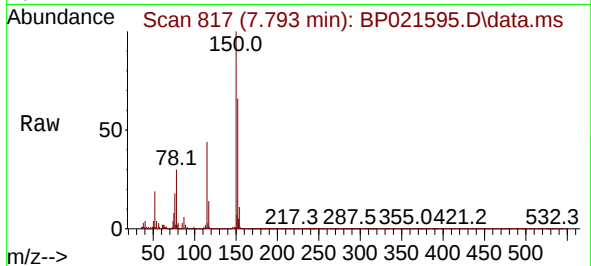




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

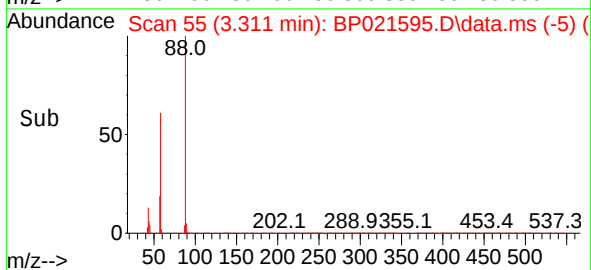
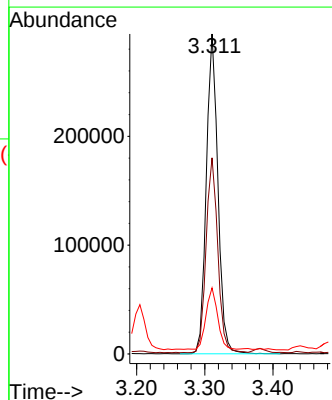
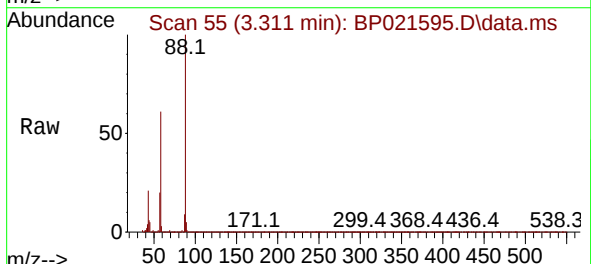
Instrument :
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ClientSampleId :
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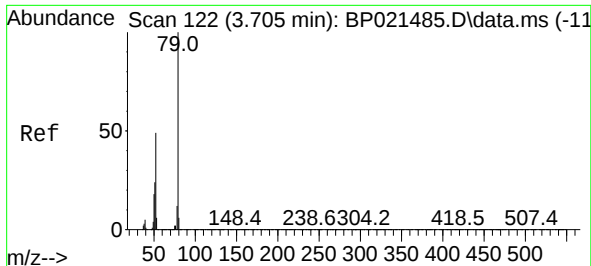
Tgt Ion:152 Resp: 384224
Ion Ratio Lower Upper
152 100
150 150.4 122.4 183.6
115 66.1 54.7 82.1



#2
1,4-Dioxane
Concen: 28.319 ng
RT: 3.311 min Scan# 55
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 88 Resp: 347460
Ion Ratio Lower Upper
88 100
58 61.3 48.7 73.1
43 19.1 15.4 23.2

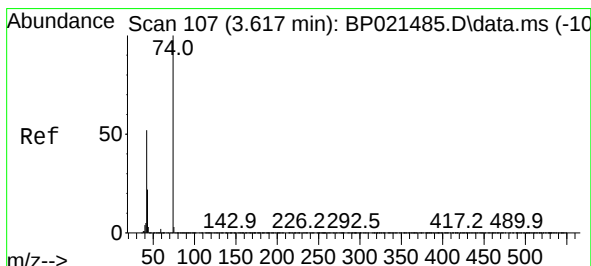
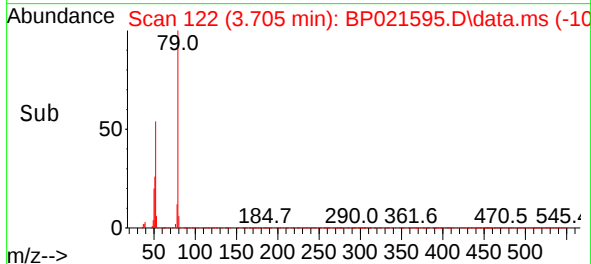
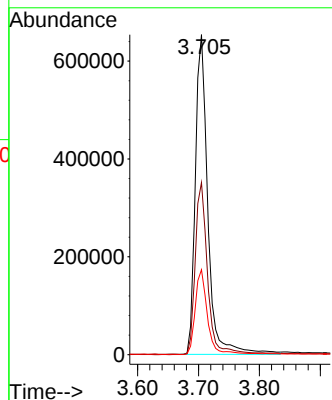
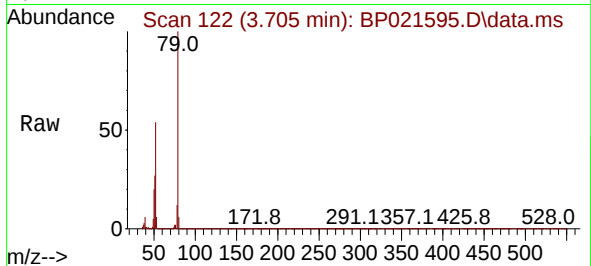




#3
Pyridine
Concen: 27.171 ng
RT: 3.705 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

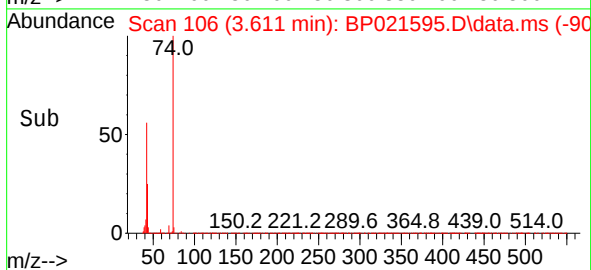
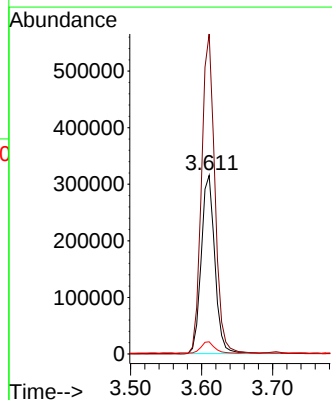
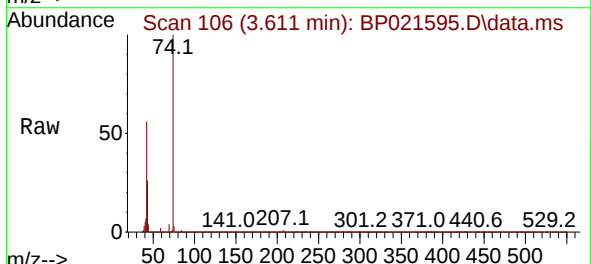
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ClientSampleId :
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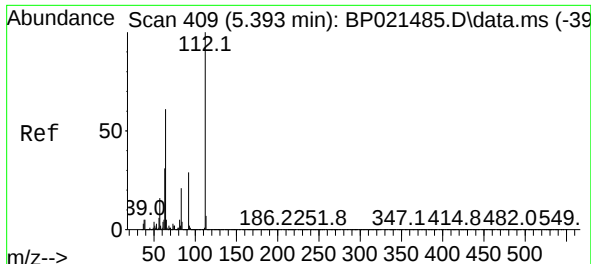
Tgt Ion: 79 Resp: 930655
Ion Ratio Lower Upper
79 100
52 53.8 39.0 58.6
51 26.6 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 41.032 ng
RT: 3.611 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 42 Resp: 422424
Ion Ratio Lower Upper
42 100
74 179.1 154.3 231.5
44 6.8 6.2 9.4

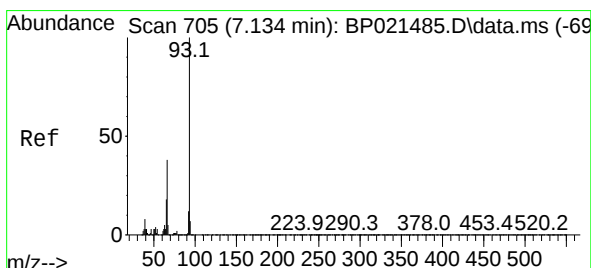
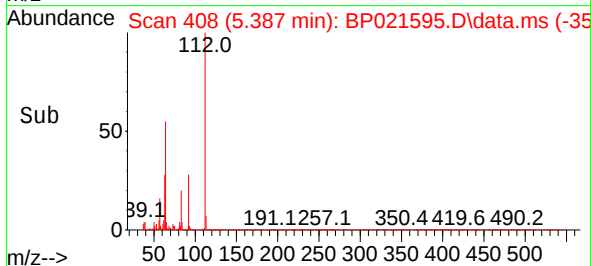
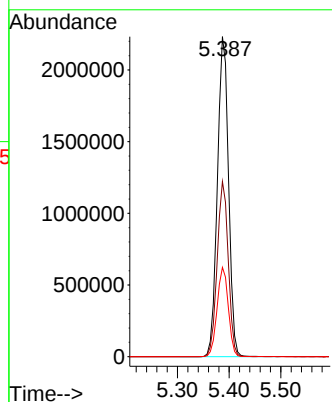
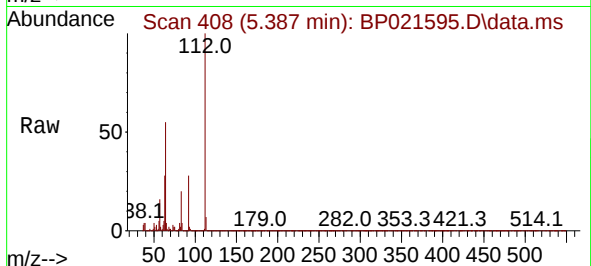




#5
2-Fluorophenol
Concen: 128.905 ng
RT: 5.387 min Scan# 409
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

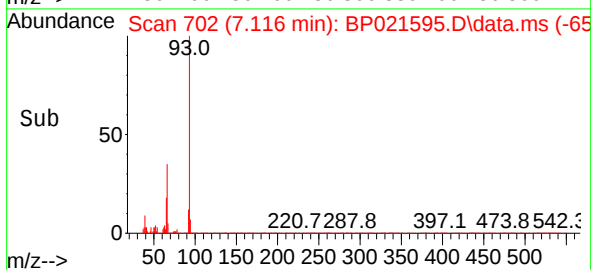
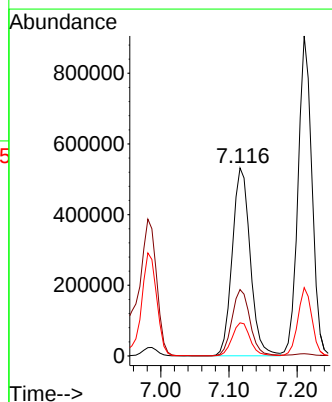
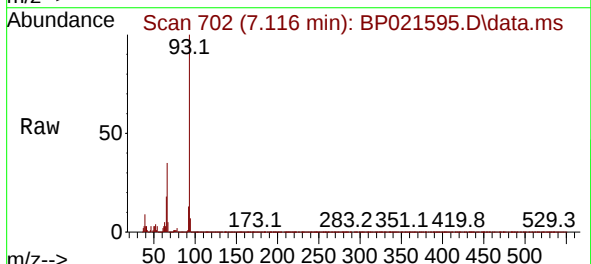
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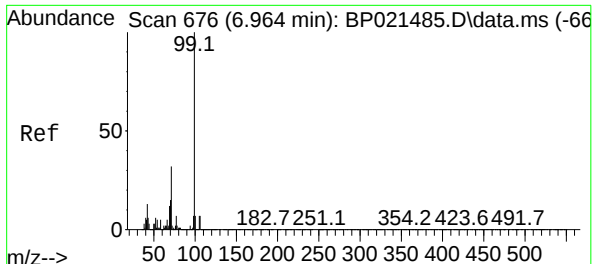
Tgt Ion:112 Resp: 3335559
Ion Ratio Lower Upper
112 100
64 54.7 49.0 73.6
63 27.9 24.6 36.8



#6
Aniline
Concen: 25.867 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 93 Resp: 976151
Ion Ratio Lower Upper
93 100
66 35.4 30.2 45.2
65 17.6 14.7 22.1

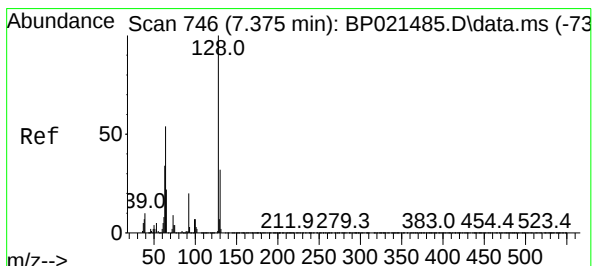
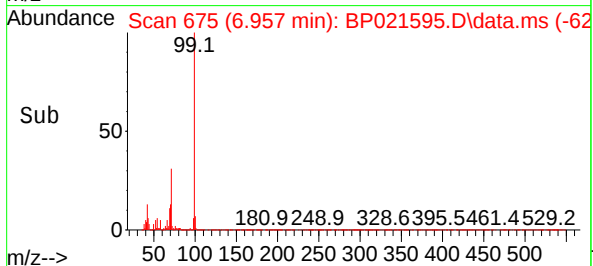
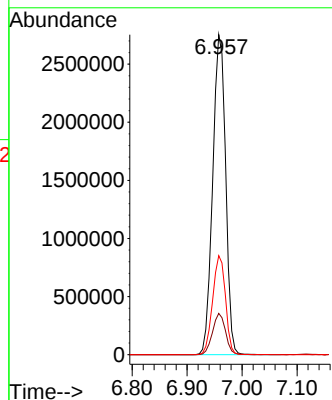
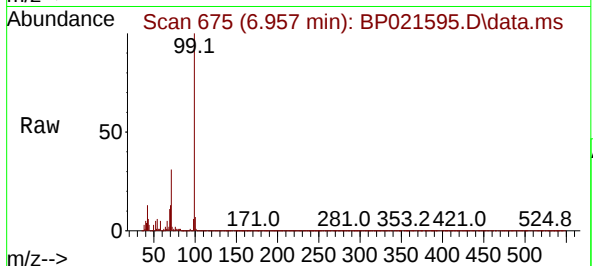




#7
Phenol-d6
Concen: 119.362 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

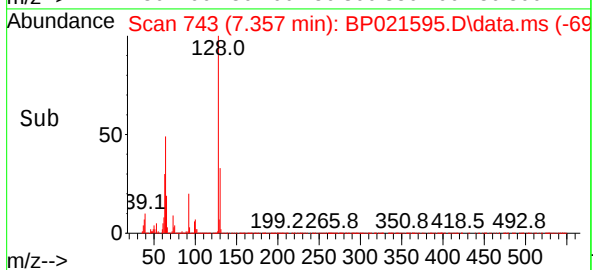
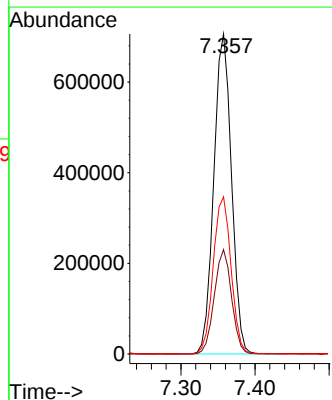
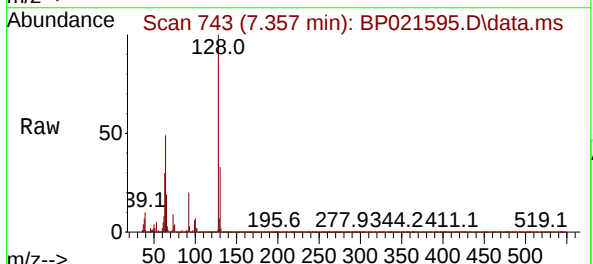
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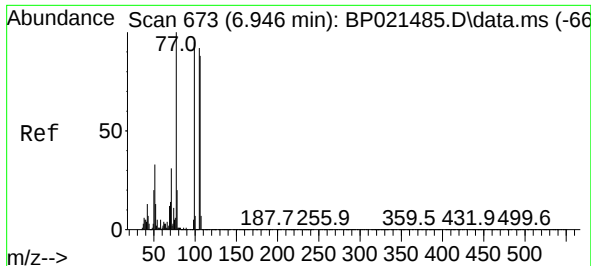
Tgt Ion: 99 Resp: 4505591
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 31.0 25.8 38.8



#8
2-Chlorophenol
Concen: 48.883 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 128 Resp: 1168921
Ion Ratio Lower Upper
128 100
130 32.6 11.6 51.6
64 49.1 35.3 75.3

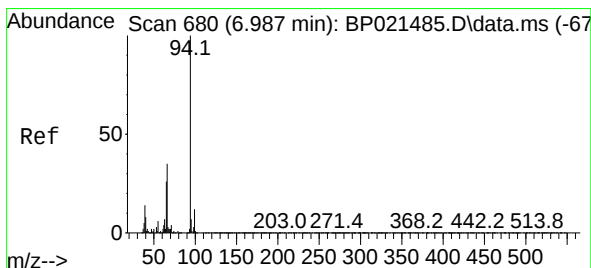
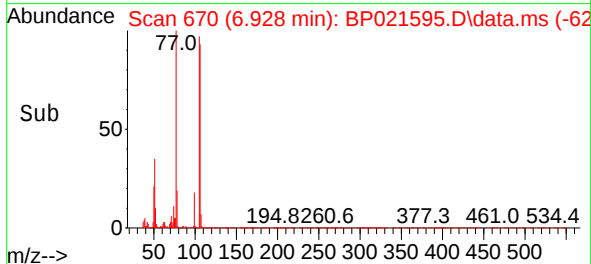
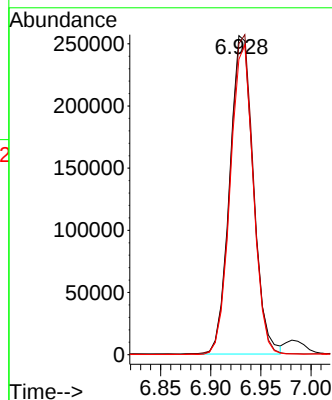
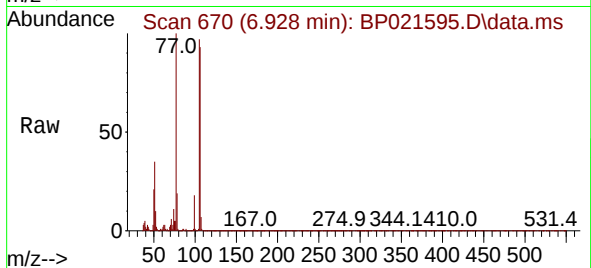




#9
Benzaldehyde
Concen: 17.379 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

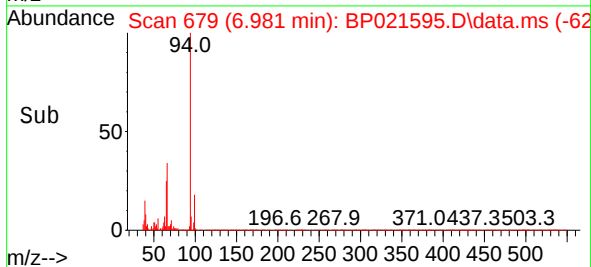
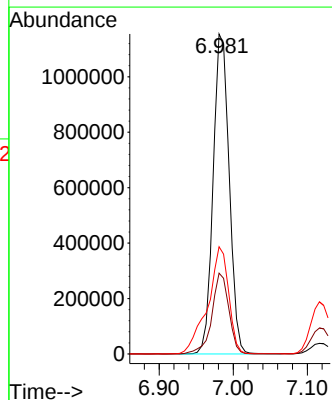
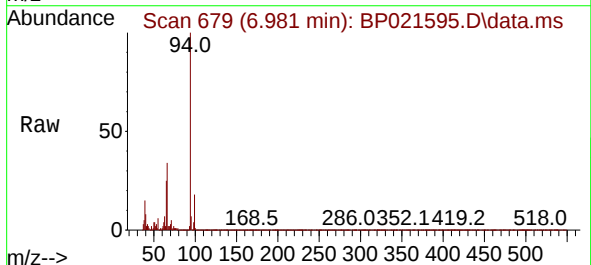
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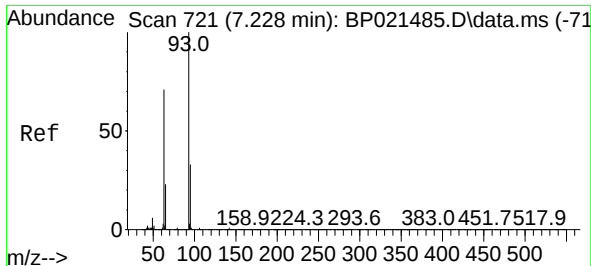
Tgt Ion: 77 Resp: 420026
Ion Ratio Lower Upper
77 100
105 97.5 72.1 112.1
106 92.6 67.9 107.9



#10
Phenol
Concen: 44.410 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 94 Resp: 1735921
Ion Ratio Lower Upper
94 100
65 25.2 6.5 46.5
66 33.5 14.7 54.7





#11

bis(2-Chloroethyl)ether

Concen: 38.994 ng

RT: 7.210 min Scan# 71

Delta R.T. -0.018 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

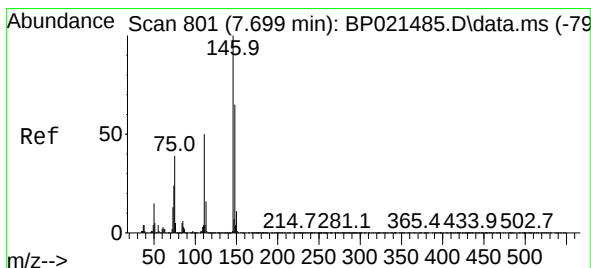
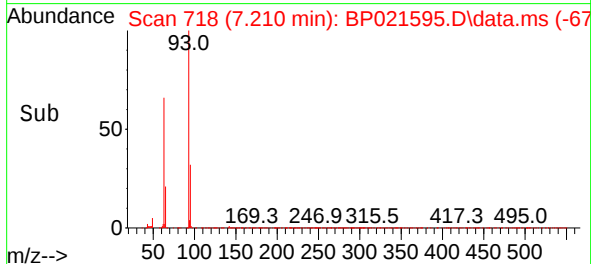
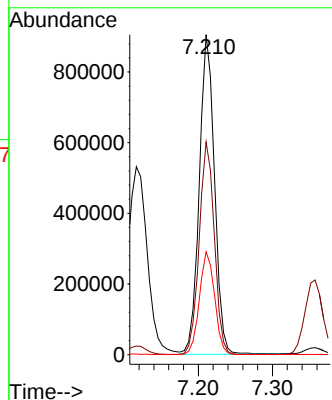
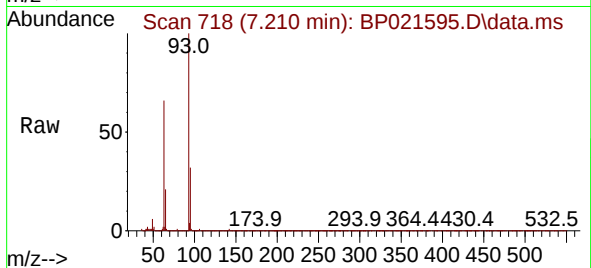
Tgt Ion: 93 Resp: 1289737

Ion Ratio Lower Upper

93 100

63 66.4 51.0 91.0

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.447 ng

RT: 7.681 min Scan# 798

Delta R.T. -0.018 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

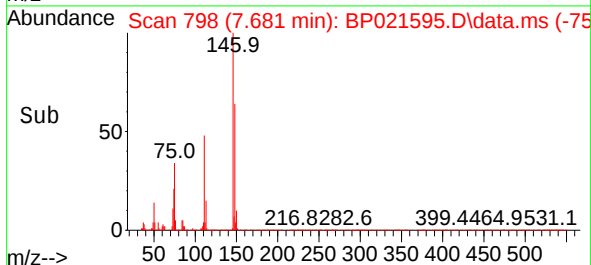
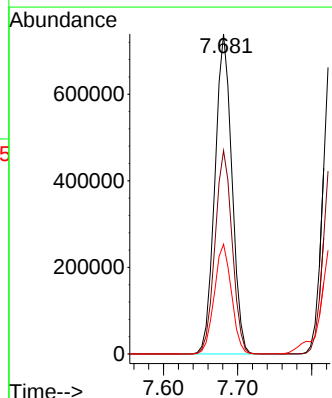
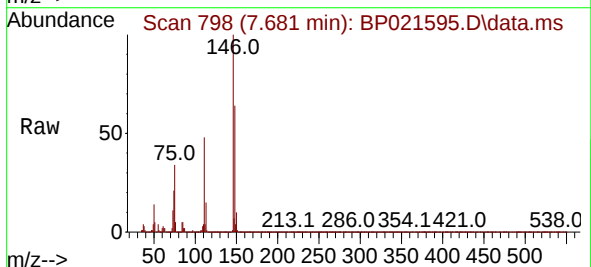
Tgt Ion:146 Resp: 1177258

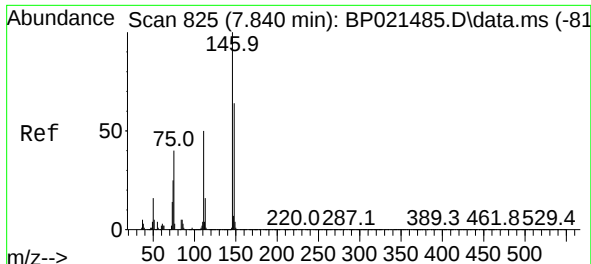
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 34.3 31.3 46.9

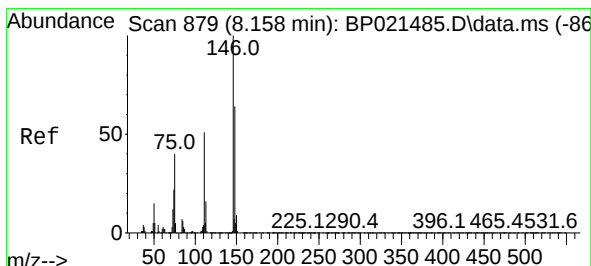
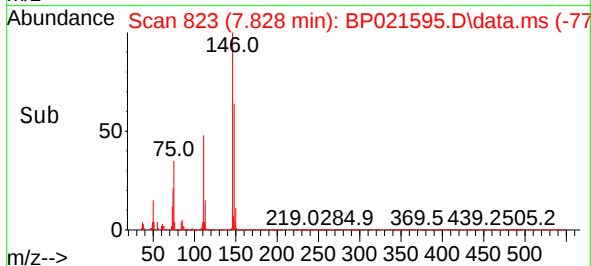
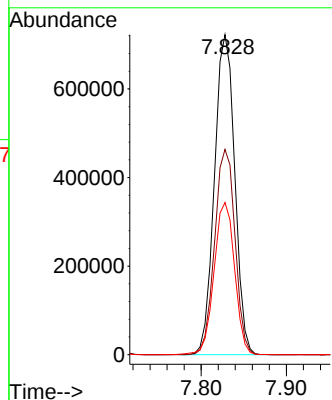
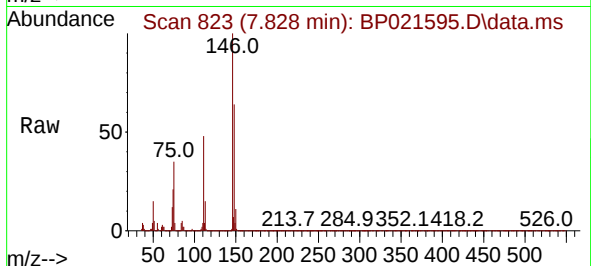




#13
1,4-Dichlorobenzene
Concen: 41.761 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

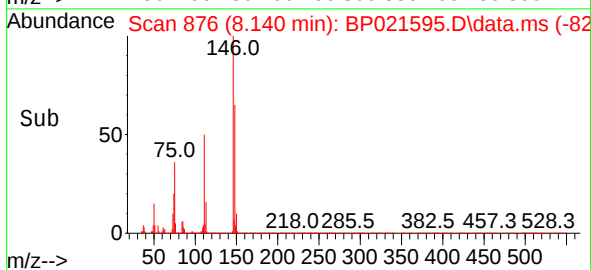
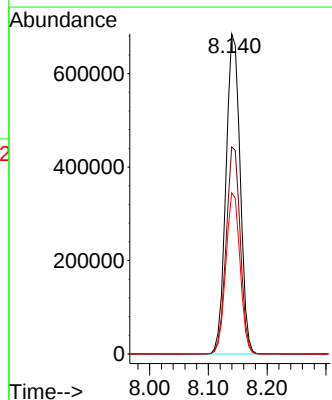
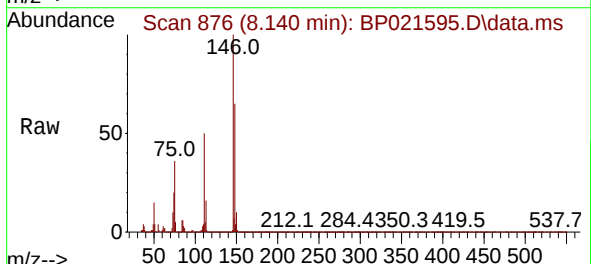
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

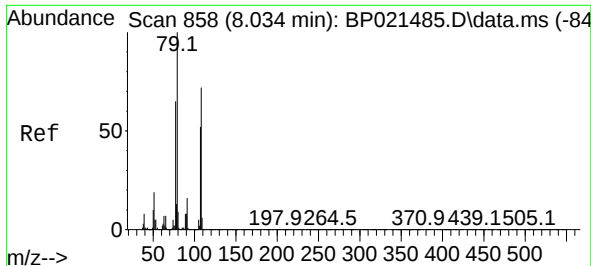
Tgt Ion:146 Resp: 1197767
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 47.6 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 41.572 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:146 Resp: 1149033
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 50.3 41.1 61.7

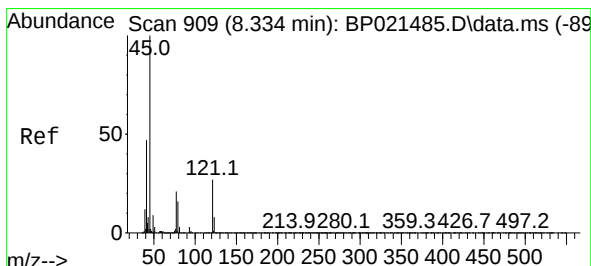
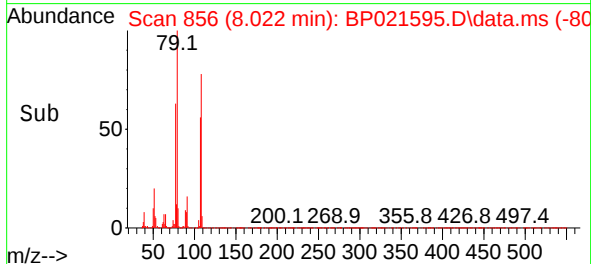
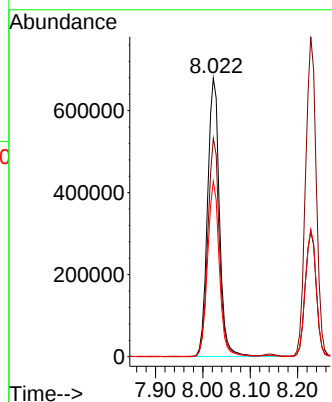
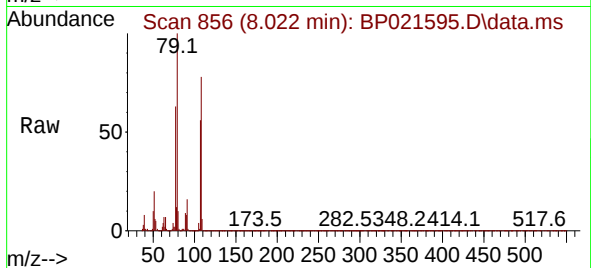




#15
Benzyl Alcohol
Concen: 43.470 ng
RT: 8.022 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

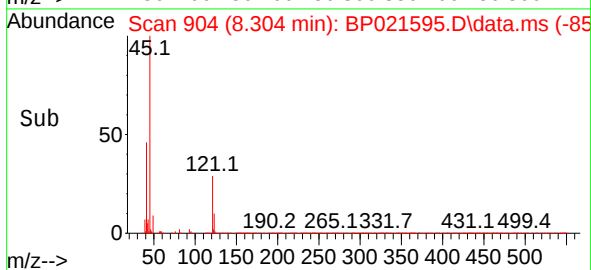
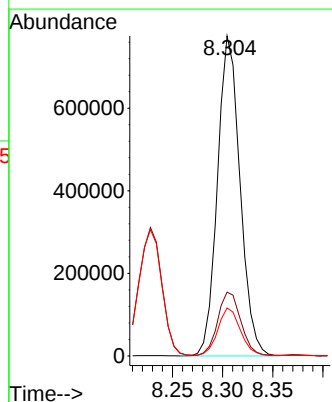
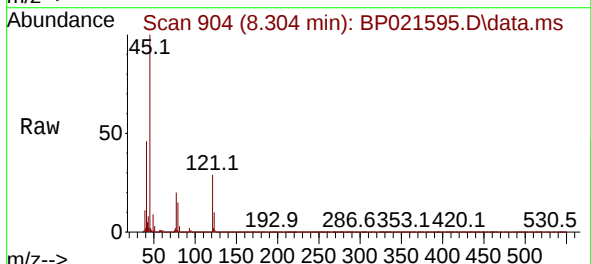
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

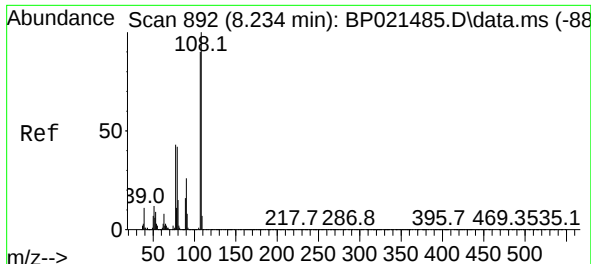
Tgt Ion: 79 Resp: 1177332
Ion Ratio Lower Upper
79 100
108 78.3 57.9 86.9
77 62.9 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.802 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.030 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 45 Resp: 1212340
Ion Ratio Lower Upper
45 100
77 20.0 1.9 41.9
79 15.0 0.0 36.6

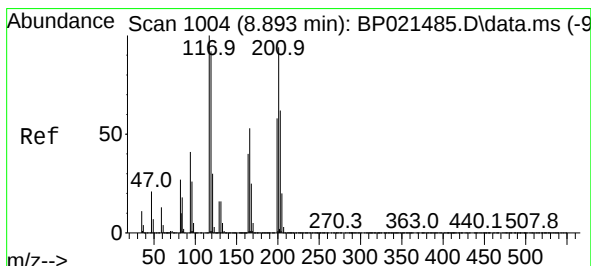
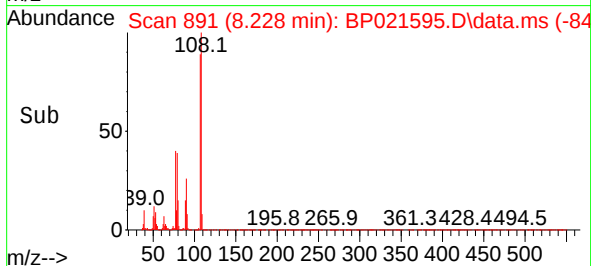
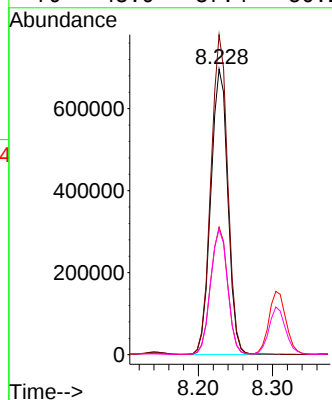
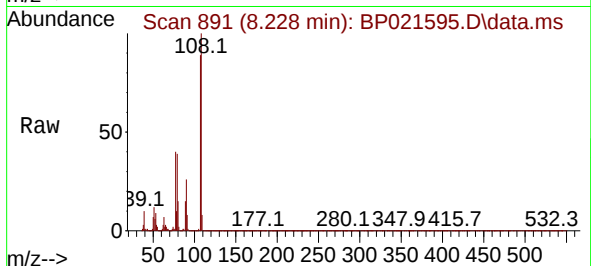




#17
2-Methylphenol
Concen: 44.914 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

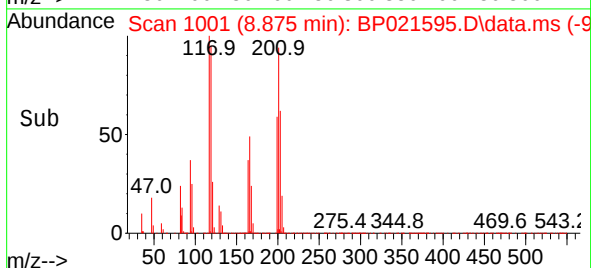
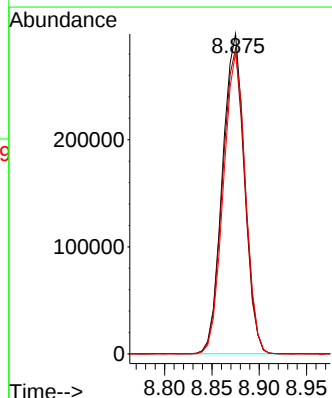
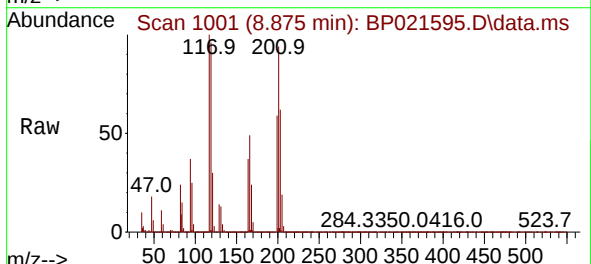
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

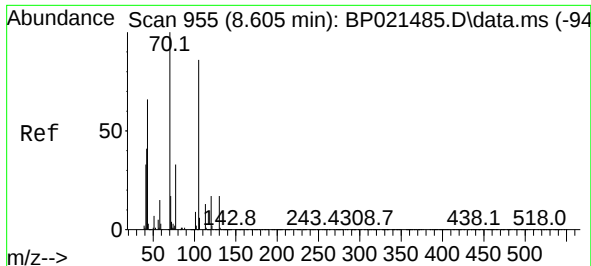
Tgt Ion:107 Resp: 1109884
Ion Ratio Lower Upper
107 100
108 112.0 88.8 133.2
77 44.7 38.7 58.1
79 43.9 37.4 56.2



#18
Hexachloroethane
Concen: 42.371 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:117 Resp: 487335
Ion Ratio Lower Upper
117 100
119 95.5 73.9 110.9
201 94.1 74.9 112.3

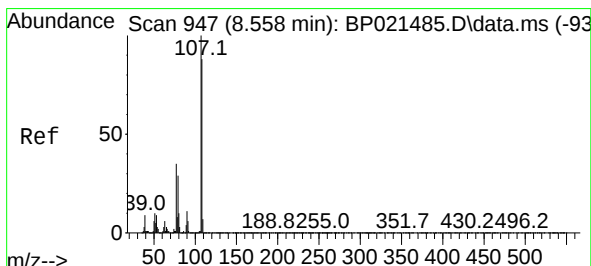
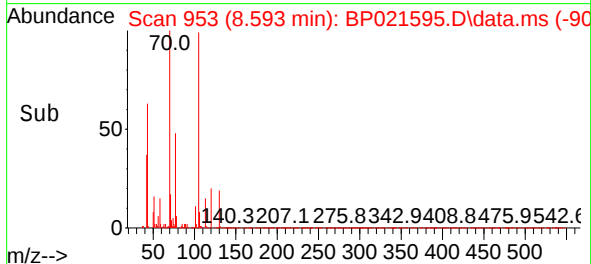
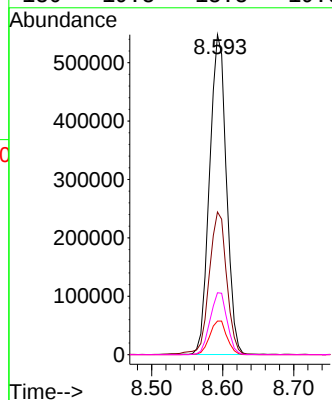
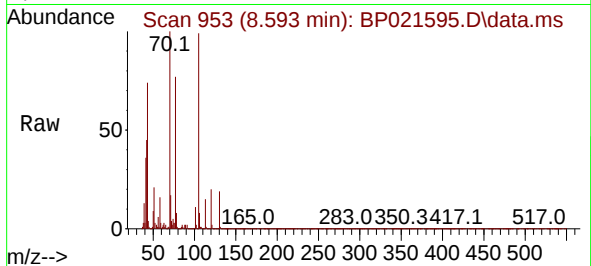




#19
n-Nitroso-di-n-propylamine
Concen: 34.512 ng
RT: 8.593 min Scan# 945
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

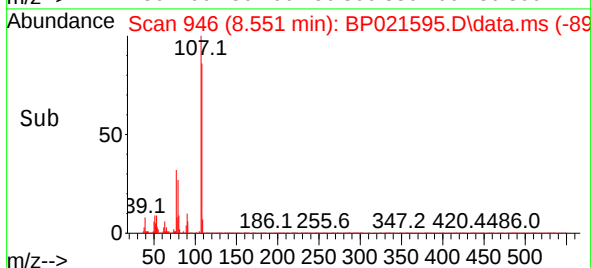
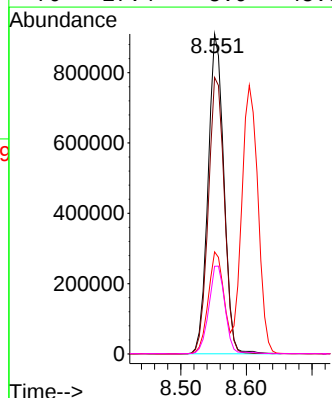
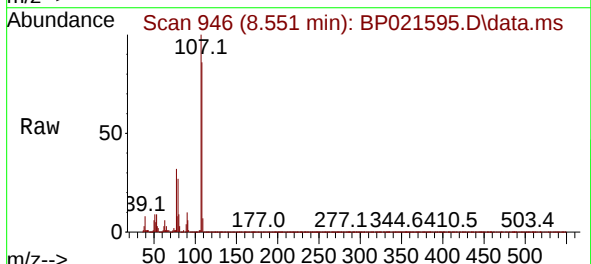
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

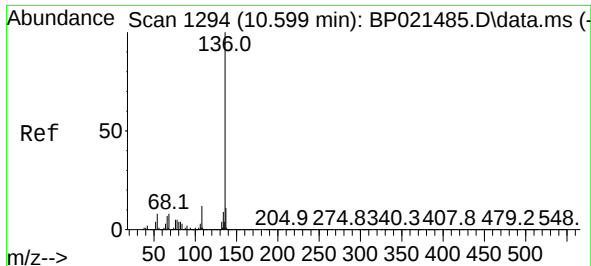
Tgt Ion: 70 Resp: 899887
Ion Ratio Lower Upper
70 100
42 44.6 33.1 49.7
101 10.5 7.4 11.2
130 19.3 13.3 19.9



#20
3+4-Methylphenols
Concen: 45.773 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 107 Resp: 1525158
Ion Ratio Lower Upper
107 100
108 86.4 67.6 107.6
77 31.9 15.0 55.0
79 27.4 8.9 48.9

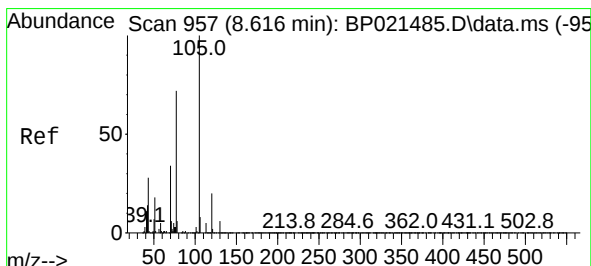
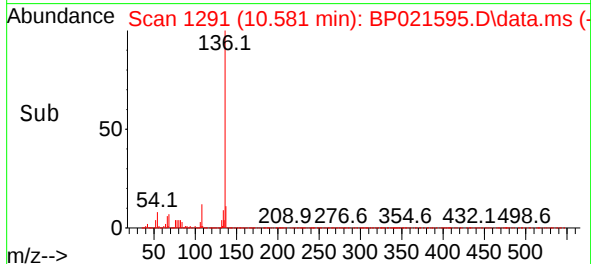
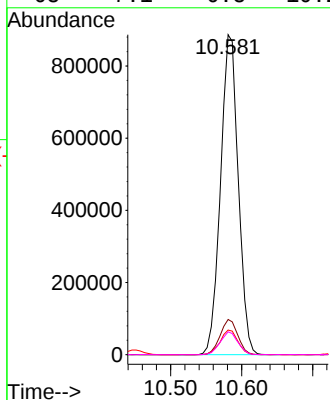
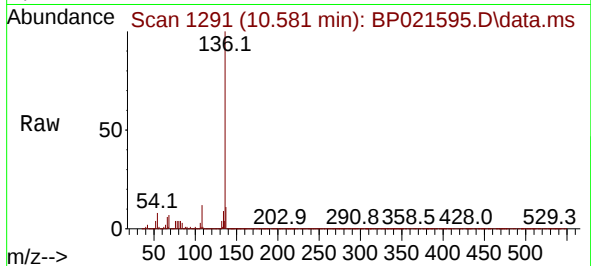




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

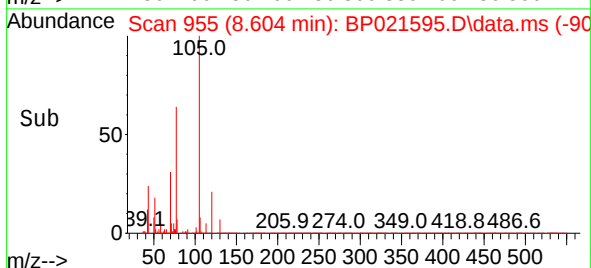
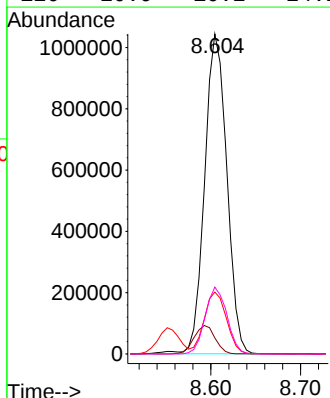
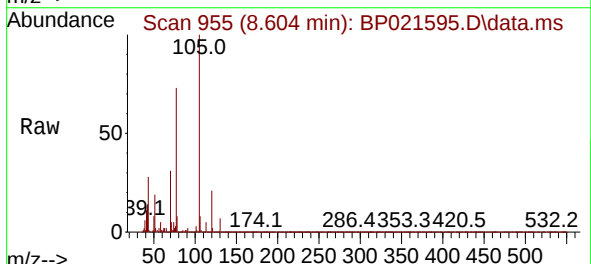
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

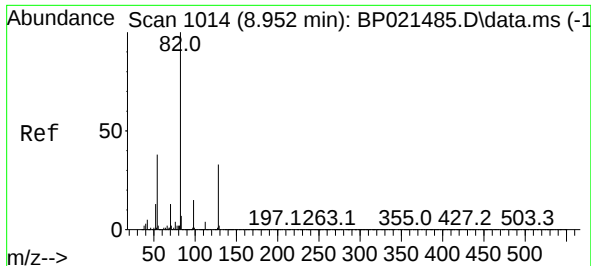
Tgt Ion:136 Resp: 1531743
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.3 9.5
68 7.1 6.8 10.2



#22
Acetophenone
Concen: 37.920 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:105 Resp: 1784403
Ion Ratio Lower Upper
105 100
71 5.0 4.6 7.0
51 19.3 16.3 24.5
120 20.9 16.2 24.2





#23

Nitrobenzene-d5

Concen: 89.853 ng

RT: 8.940 min Scan# 1012

Delta R.T. -0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

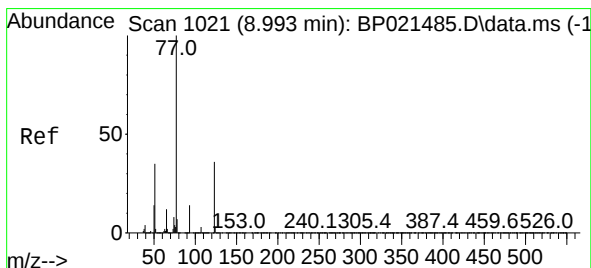
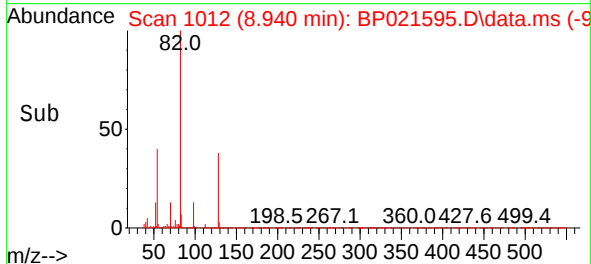
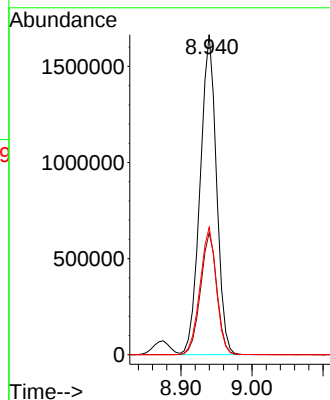
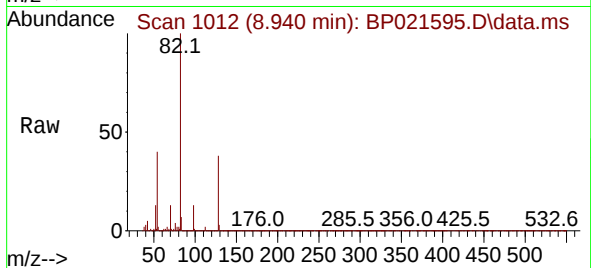
Tgt Ion: 82 Resp: 2666511

Ion Ratio Lower Upper

82 100

128 38.1 26.5 39.7

54 39.8 30.3 45.5



#24

Nitrobenzene

Concen: 42.755 ng

RT: 8.981 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

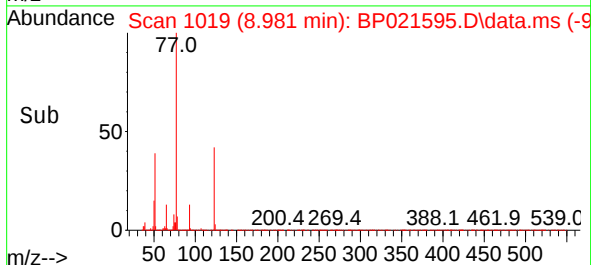
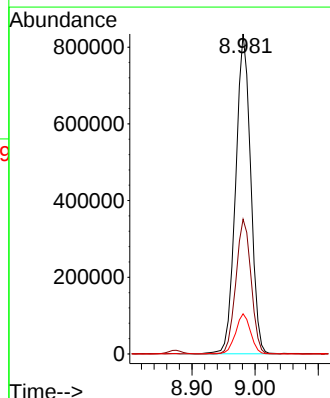
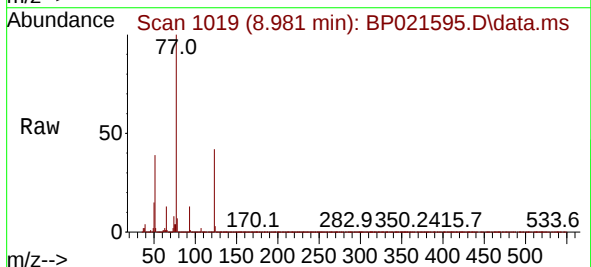
Tgt Ion: 77 Resp: 1378068

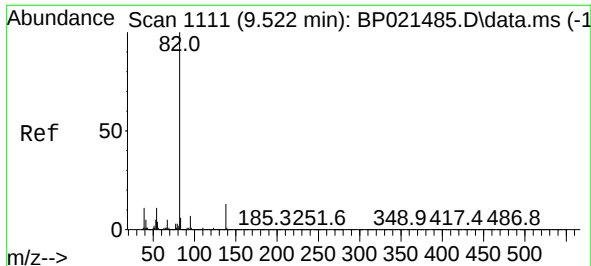
Ion Ratio Lower Upper

77 100

123 42.1 29.5 44.3

65 12.5 9.9 14.9





#25

Isophorone

Concen: 37.986 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

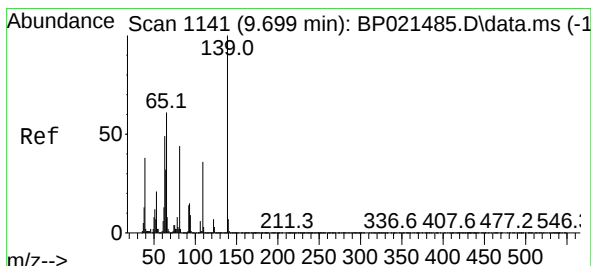
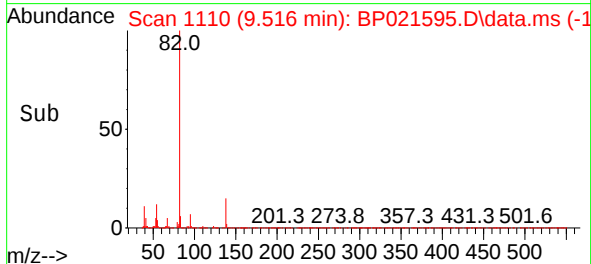
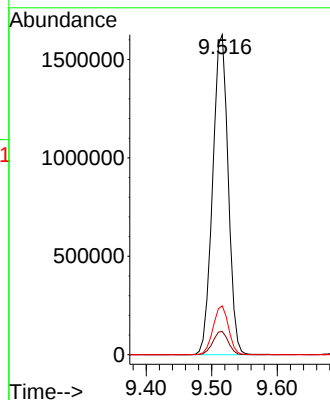
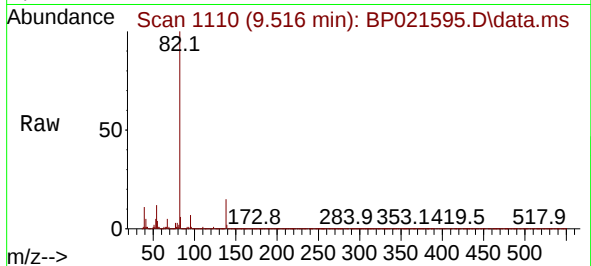
Tgt Ion: 82 Resp: 2663131

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 15.3 10.6 16.0



#26

2-Nitrophenol

Concen: 61.555 ng

RT: 9.693 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

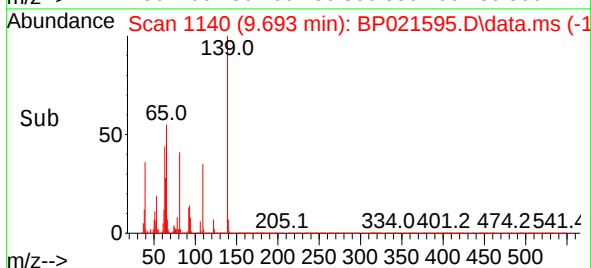
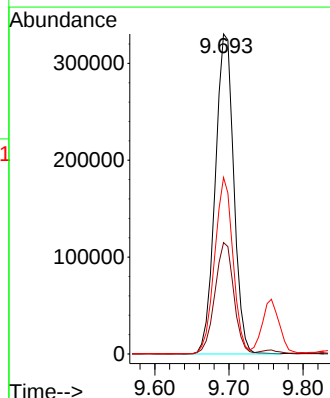
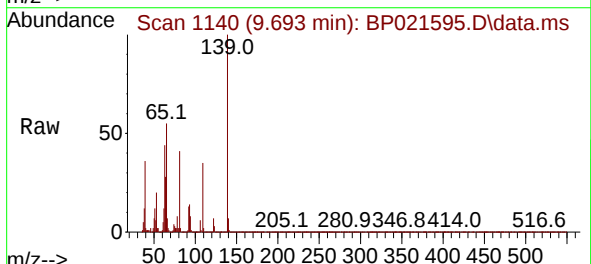
Tgt Ion:139 Resp: 573672

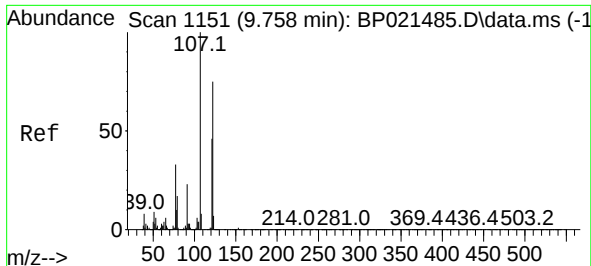
Ion Ratio Lower Upper

139 100

109 34.8 28.9 43.3

65 55.2 49.0 73.6

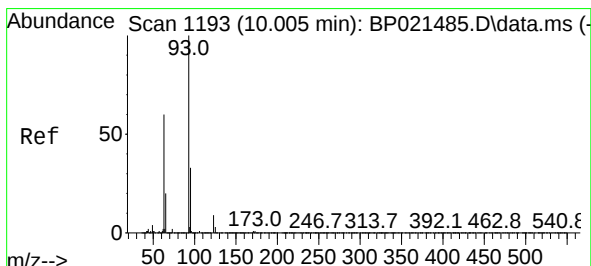
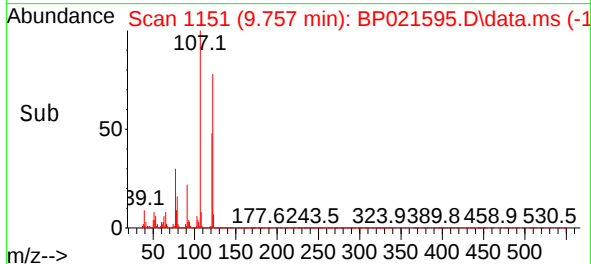
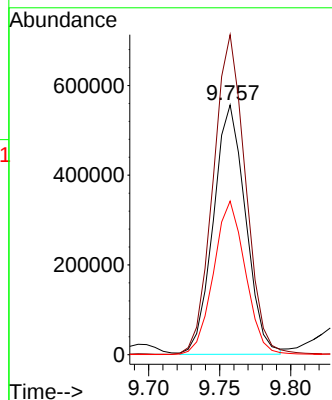
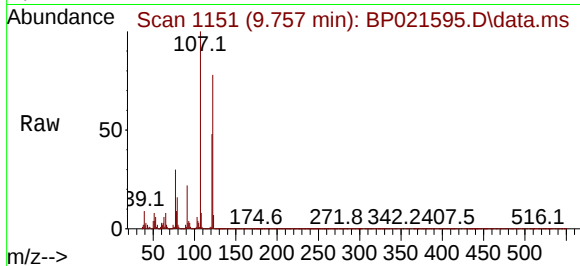




#27
2,4-Dimethylphenol
Concen: 50.640 ng
RT: 9.757 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

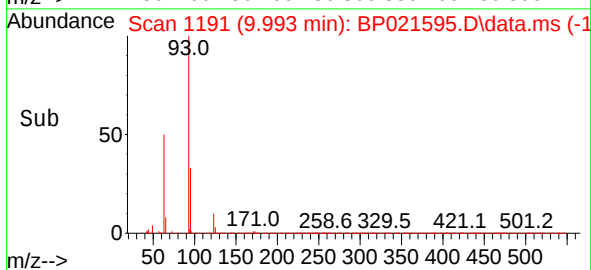
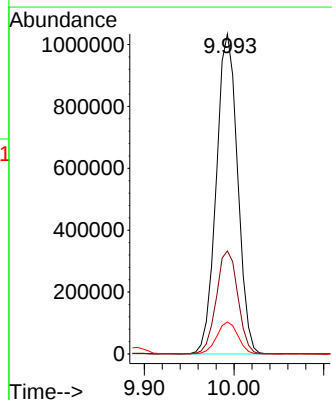
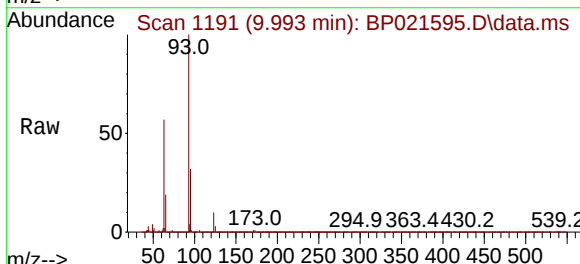
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

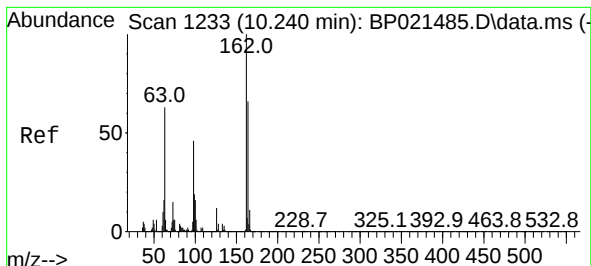
Tgt Ion:122 Resp: 876177
Ion Ratio Lower Upper
122 100
107 128.1 106.2 159.4
121 61.5 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.795 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 93 Resp: 1703029
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.4
123 10.0 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 52.467 ng

RT: 10.228 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

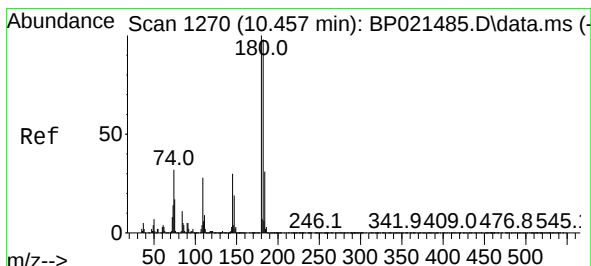
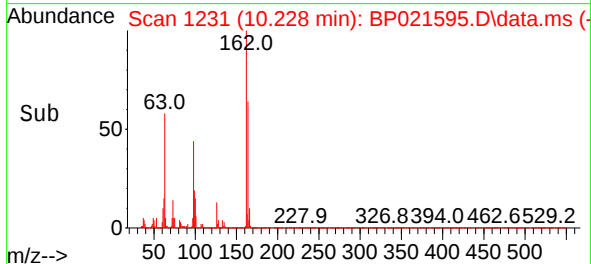
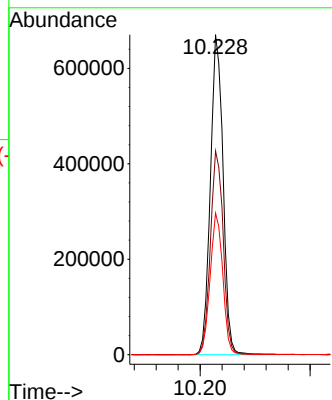
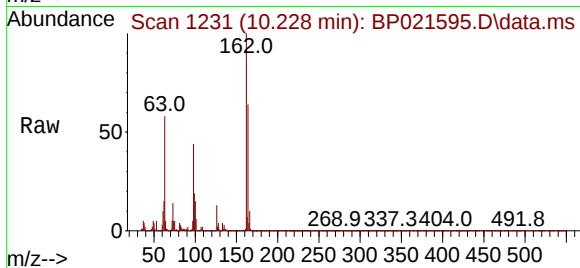
Tgt Ion:162 Resp: 1072562

Ion Ratio Lower Upper

162 100

164 63.6 45.9 85.9

98 44.2 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 41.636 ng

RT: 10.451 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

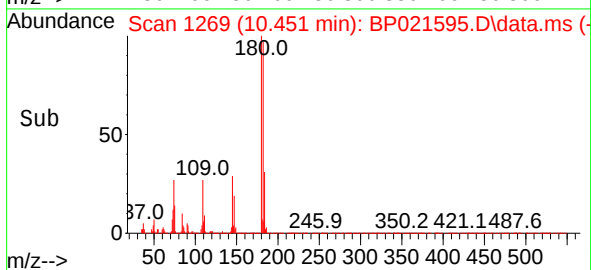
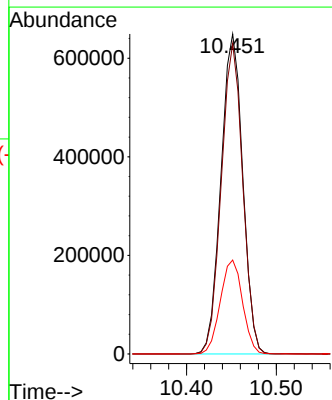
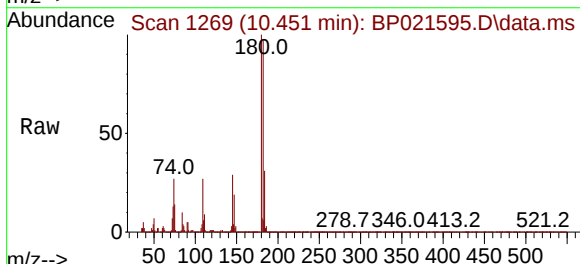
Tgt Ion:180 Resp: 1091243

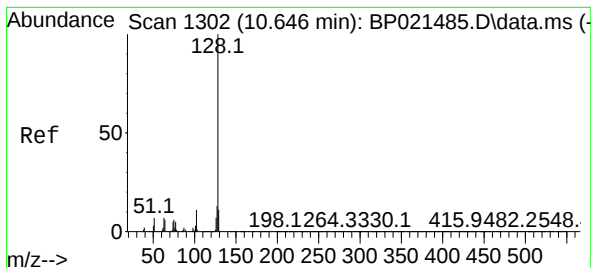
Ion Ratio Lower Upper

180 100

182 97.0 78.3 117.5

145 29.4 24.0 36.0

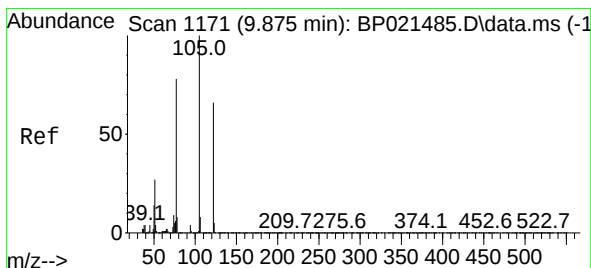
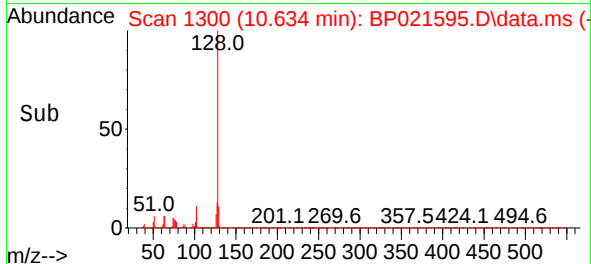
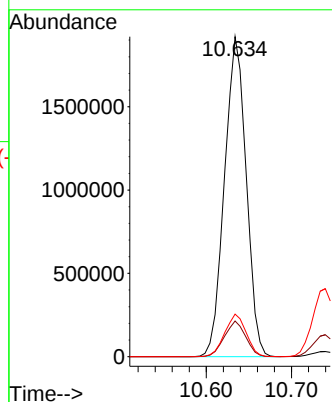
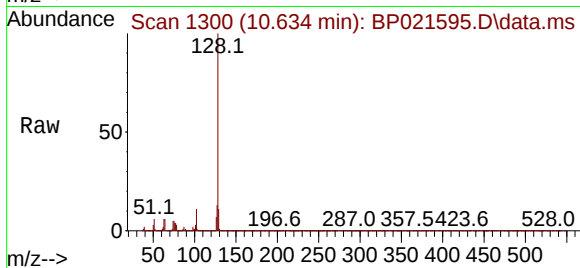




#31
Naphthalene
Concen: 42.523 ng
RT: 10.634 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

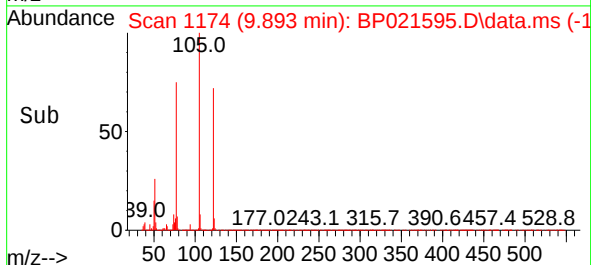
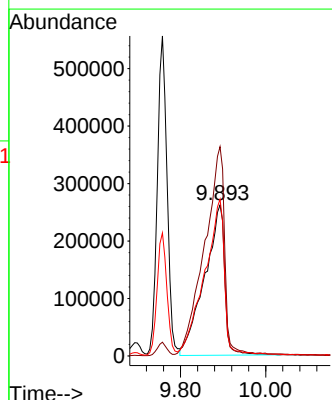
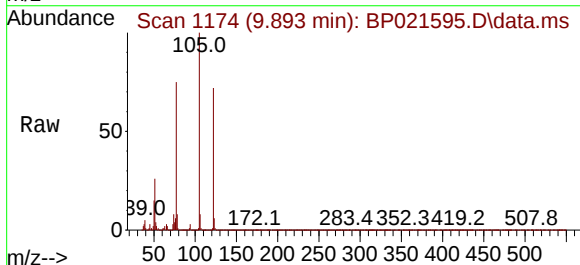
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

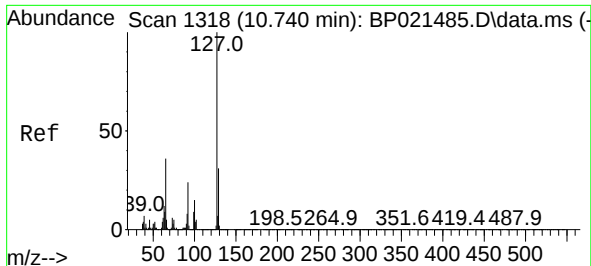
Tgt Ion:128 Resp: 3402622
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 65.379 ng
RT: 9.893 min Scan# 1174
Delta R.T. 0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:122 Resp: 851943
Ion Ratio Lower Upper
122 100
105 138.7 124.6 164.6
77 103.9 96.2 136.2





#33

4-Chloroaniline

Concen: 25.841 ng

RT: 10.740 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

Tgt Ion:127 Resp: 776724

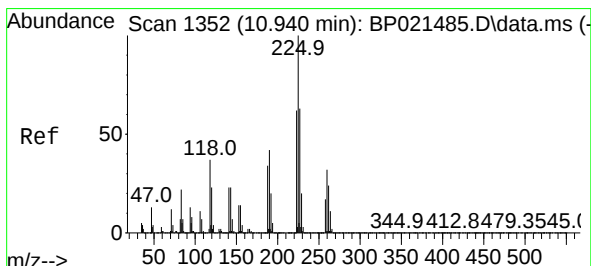
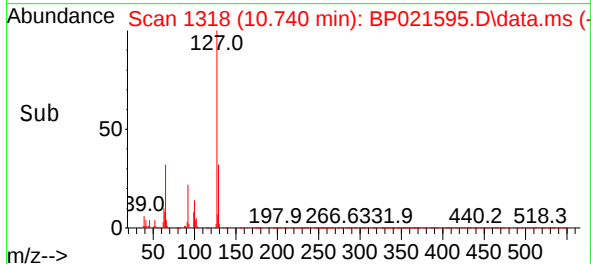
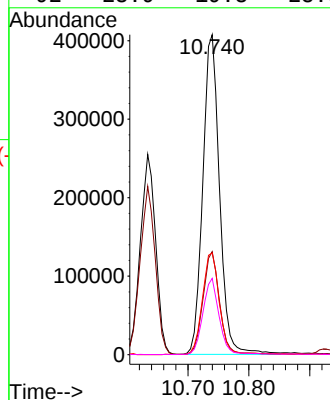
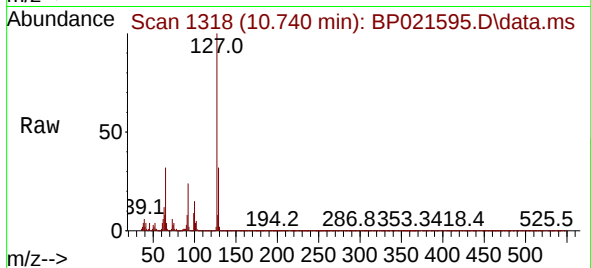
Ion Ratio Lower Upper

127 100

129 32.2 24.5 36.7

65 31.8 28.9 43.3

92 23.9 19.3 28.9



#34

Hexachlorobutadiene

Concen: 39.924 ng

RT: 10.928 min Scan# 1350

Delta R.T. -0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

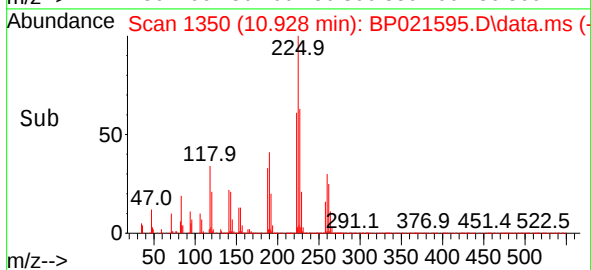
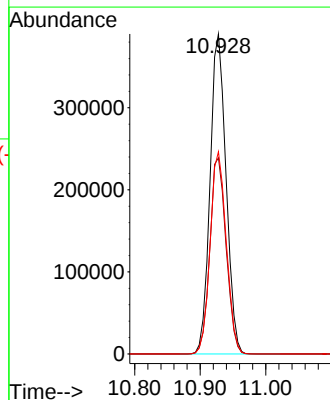
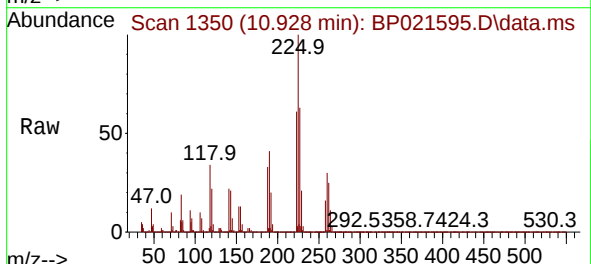
Tgt Ion:225 Resp: 658832

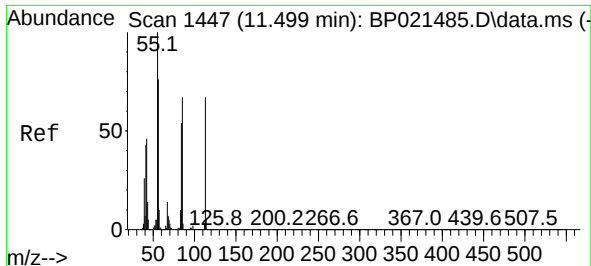
Ion Ratio Lower Upper

225 100

223 61.3 49.6 74.4

227 63.2 50.1 75.1





#35

Caprolactam

Concen: 31.406 ng

RT: 11.528 min Scan# 1447

Delta R.T. 0.029 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

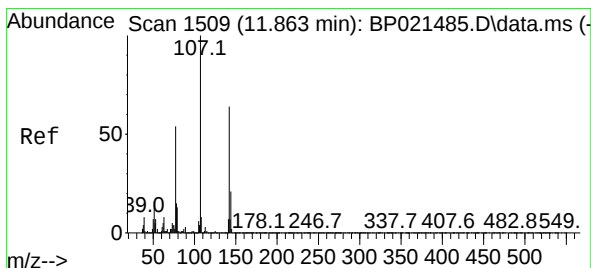
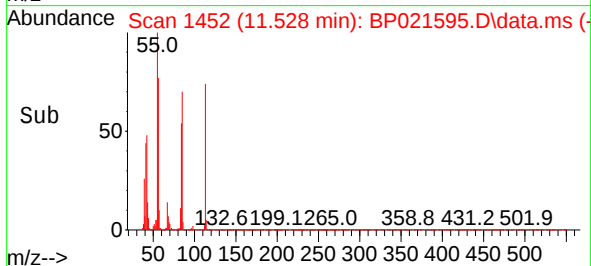
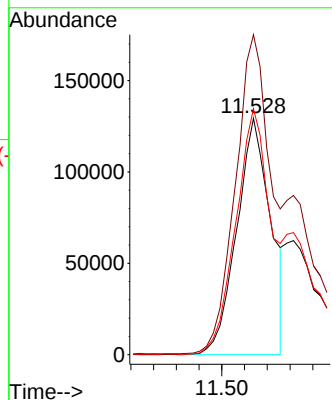
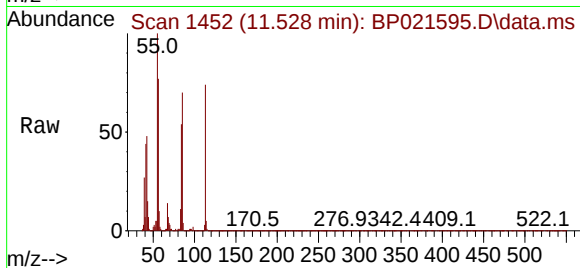
Tgt Ion:113 Resp: 267234

Ion Ratio Lower Upper

113 100

55 135.4 130.6 170.6

56 104.1 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 50.007 ng

RT: 11.875 min Scan# 1511

Delta R.T. 0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

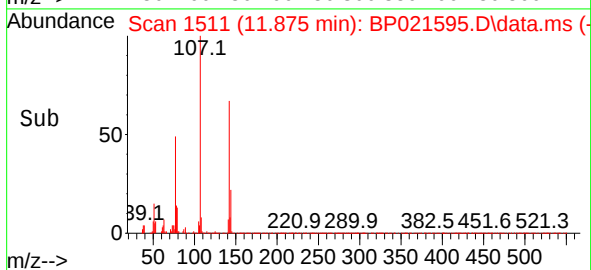
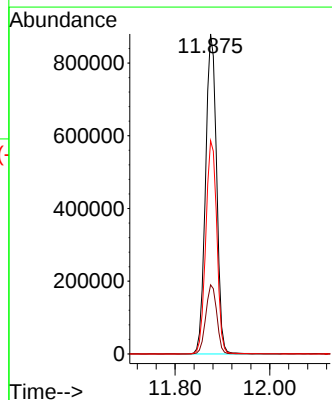
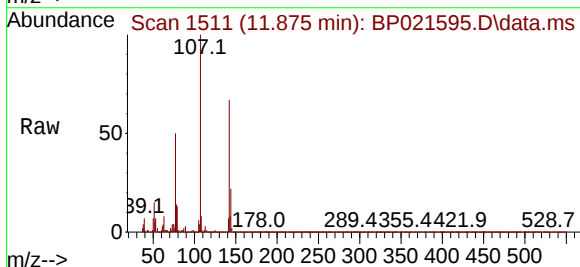
Tgt Ion:107 Resp: 1418055

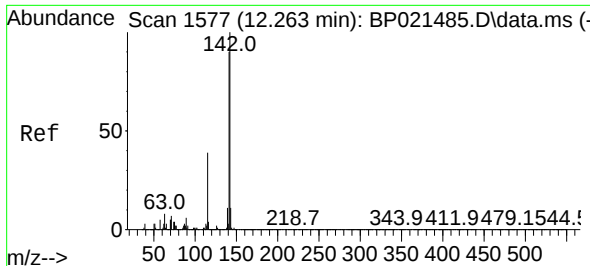
Ion Ratio Lower Upper

107 100

144 21.6 16.6 24.8

142 66.6 51.0 76.4

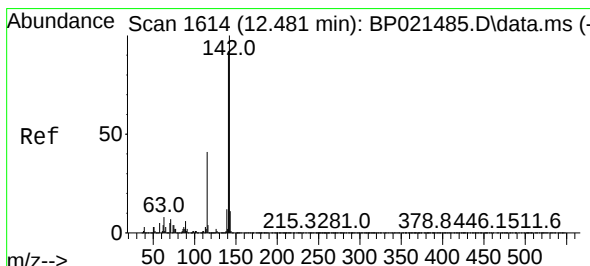
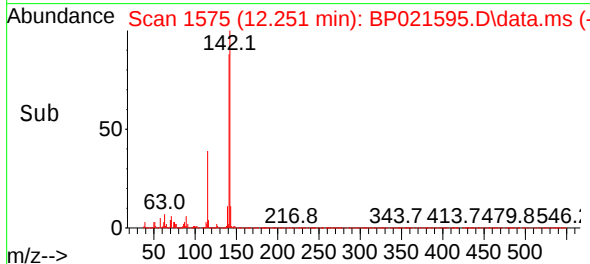
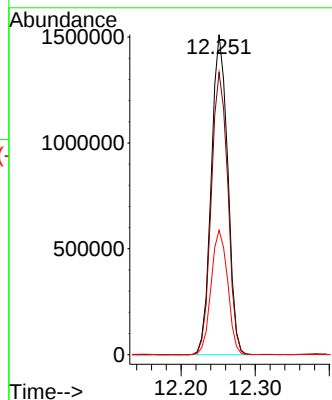
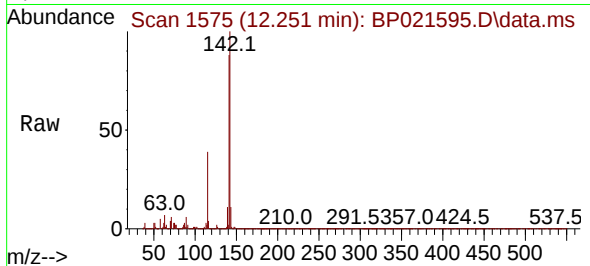




#37
2-Methylnaphthalene
Concen: 42.487 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

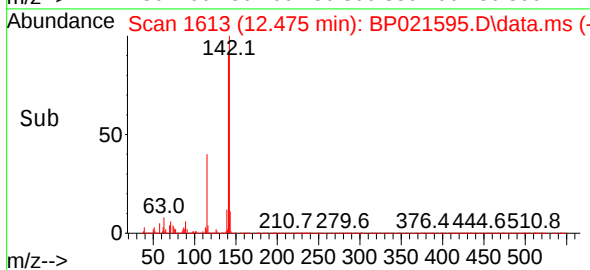
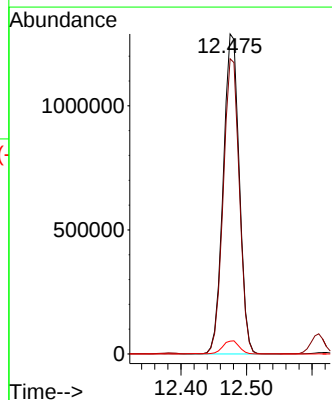
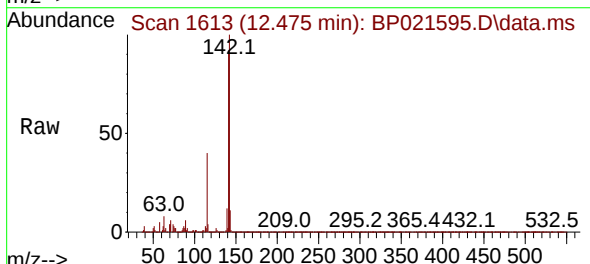
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

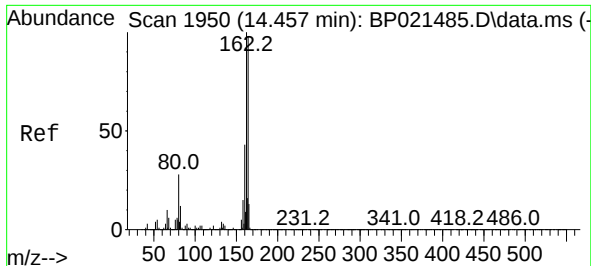
Tgt Ion:142 Resp: 2320318
Ion Ratio Lower Upper
142 100
141 88.2 71.7 107.5
115 38.9 31.4 47.2



#38
1-Methylnaphthalene
Concen: 40.511 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:142 Resp: 2182028
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3
116 4.0 3.4 5.2

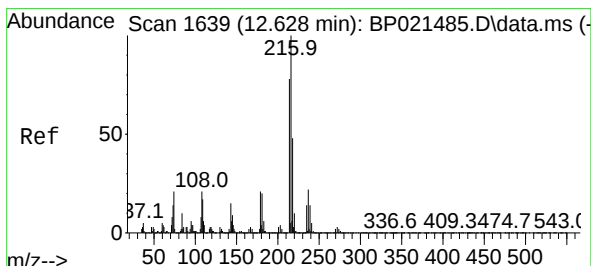
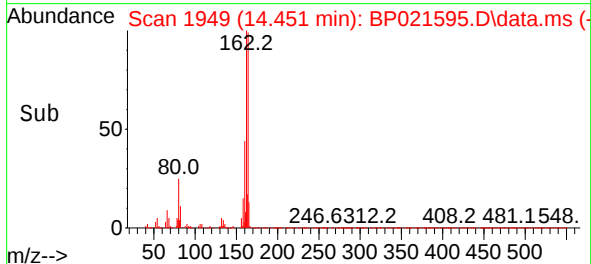
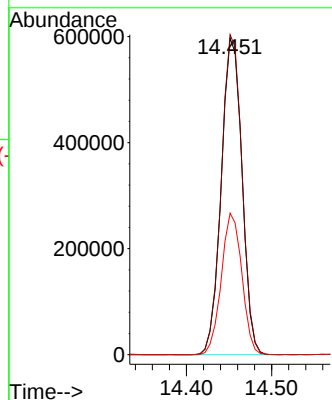
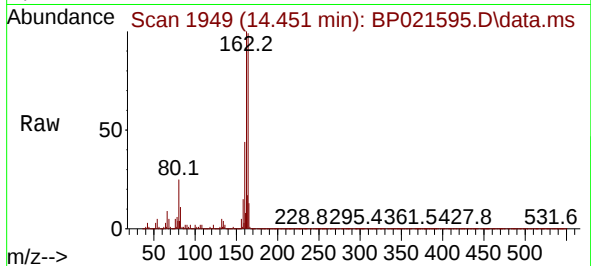




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

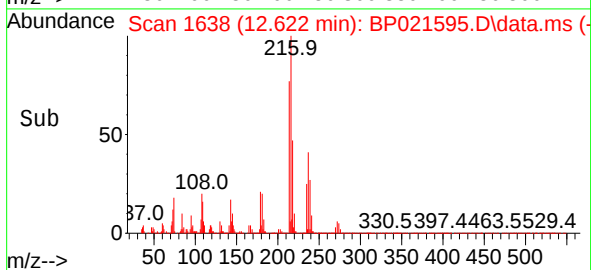
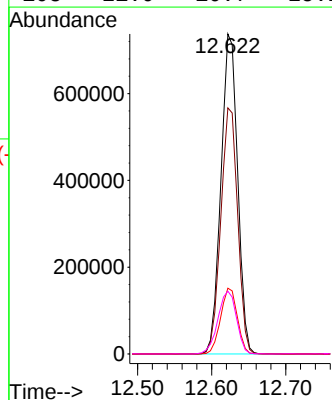
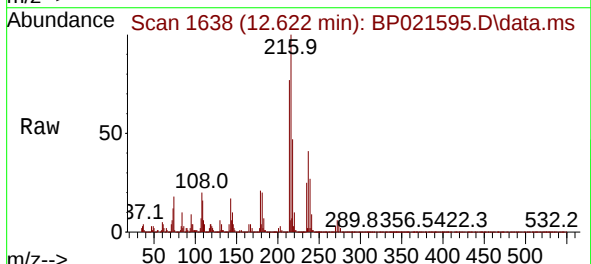
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

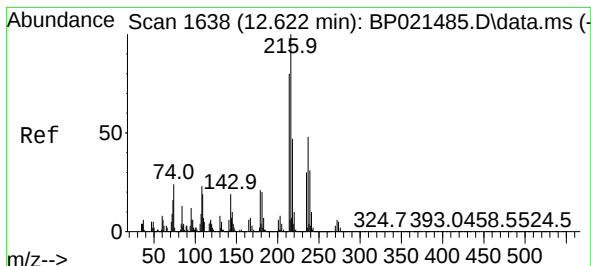
Tgt Ion:164 Resp: 1006858
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.7 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.002 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:216 Resp: 1150611
Ion Ratio Lower Upper
216 100
214 77.9 62.5 93.7
179 20.6 16.4 24.6
108 21.9 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 106.554 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

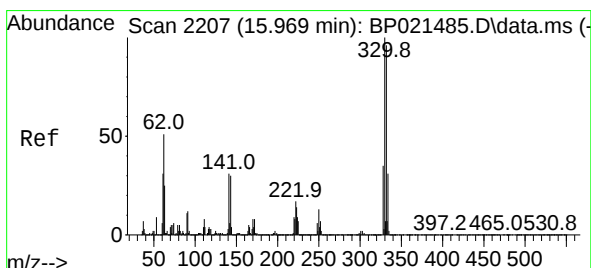
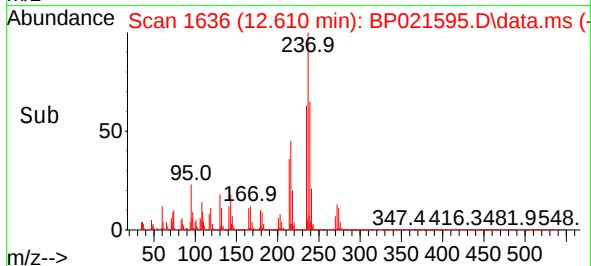
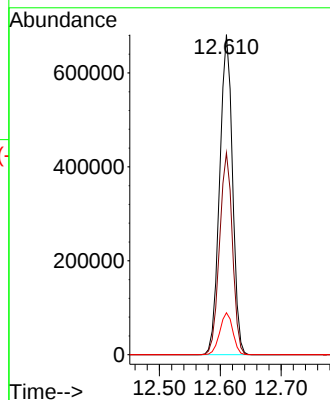
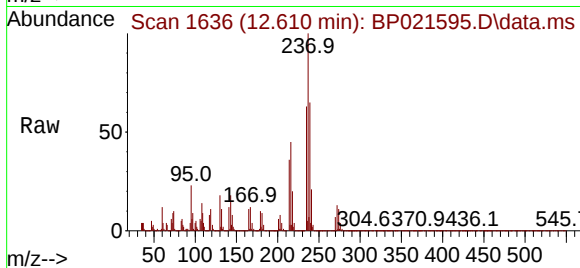
Tgt Ion:237 Resp: 996277

Ion Ratio Lower Upper

237 100

235 63.1 43.9 83.9

272 13.1 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 149.333 ng

RT: 15.975 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

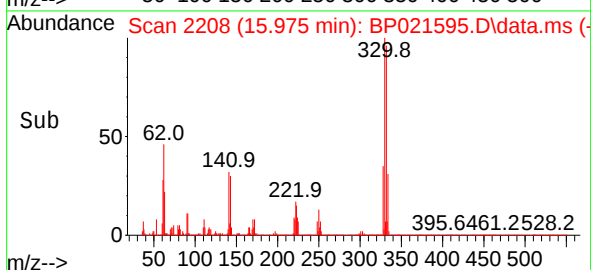
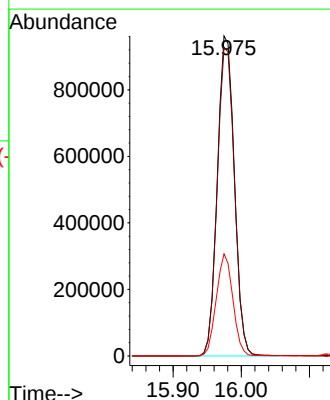
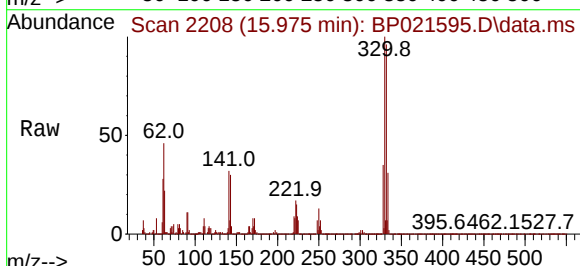
Tgt Ion:330 Resp: 1673417

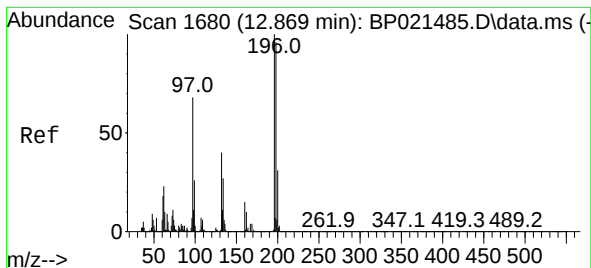
Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 31.1 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 54.919 ng

RT: 12.869 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

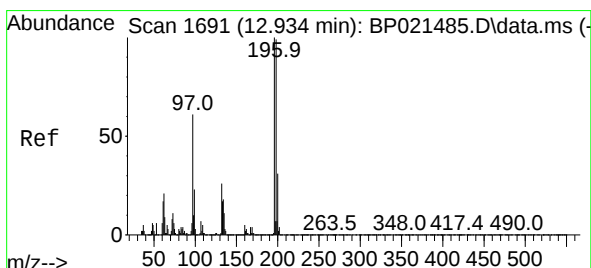
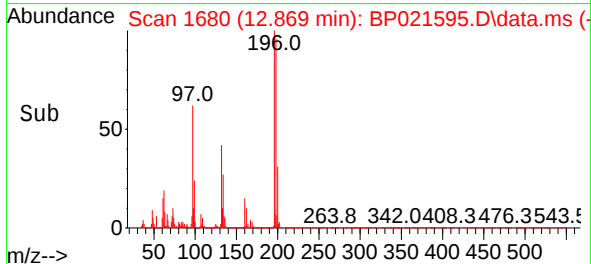
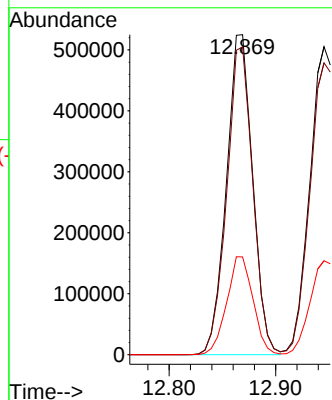
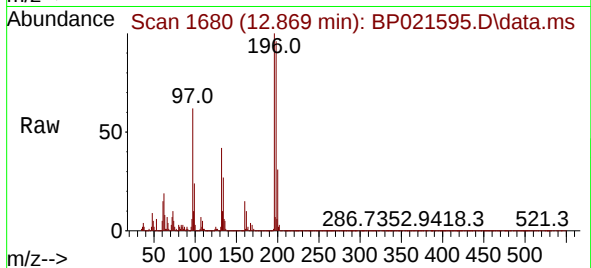
Tgt Ion:196 Resp: 899987

Ion Ratio Lower Upper

196 100

198 96.2 76.6 114.8

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 53.428 ng

RT: 12.945 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Tgt Ion:196 Resp: 972767

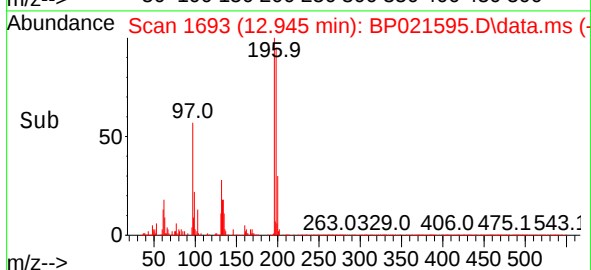
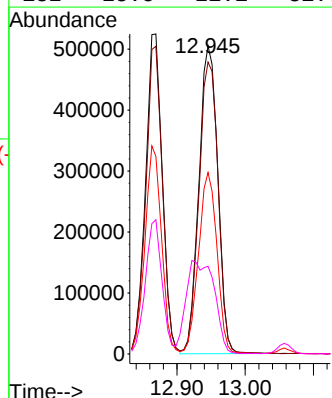
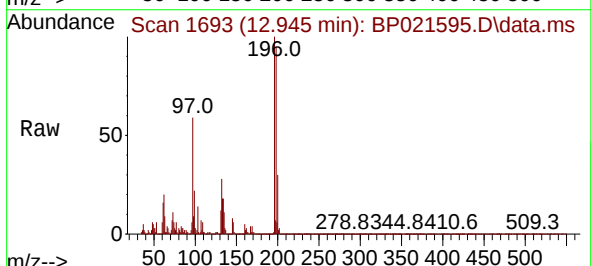
Ion Ratio Lower Upper

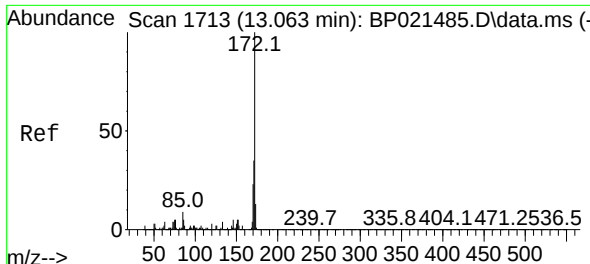
196 100

198 94.8 78.9 118.3

97 58.9 49.4 74.0

132 28.5 21.1 31.7

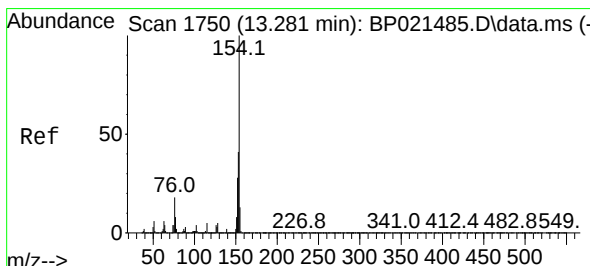
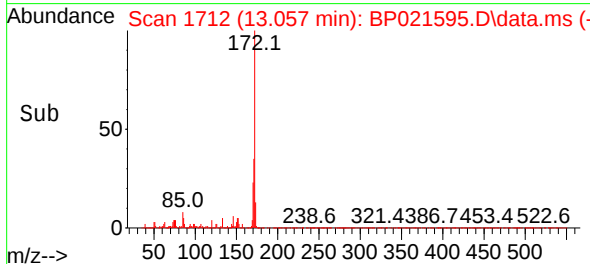
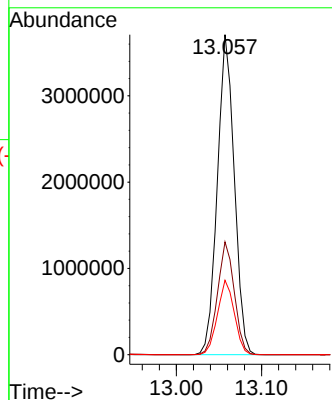
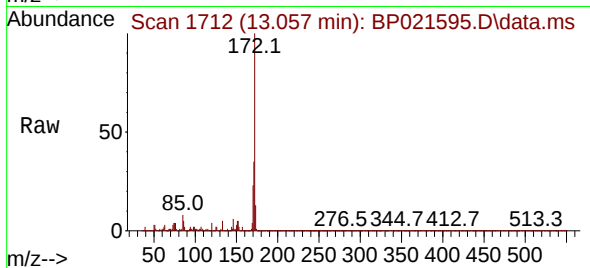




#45
2-Fluorobiphenyl
Concen: 77.817 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

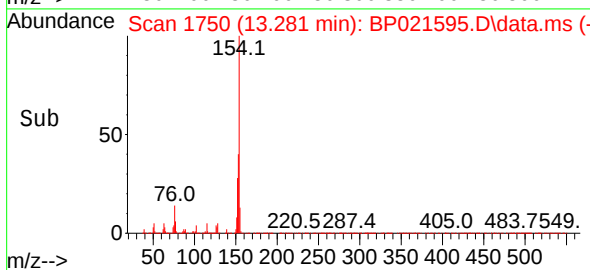
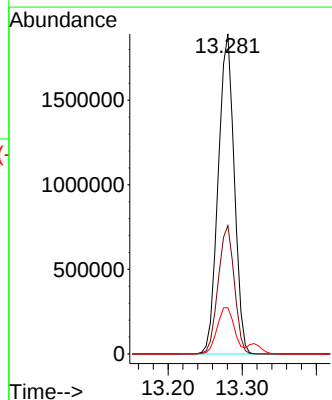
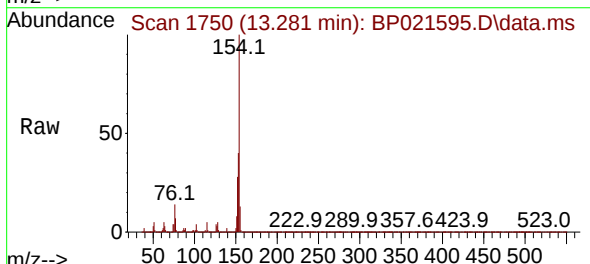
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

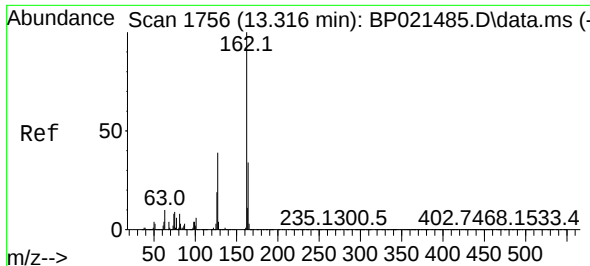
Tgt Ion:172 Resp: 5133884
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.2 18.4 27.6



#46
1,1'-Biphenyl
Concen: 39.832 ng
RT: 13.281 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:154 Resp: 2837499
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 14.5 0.0 37.7

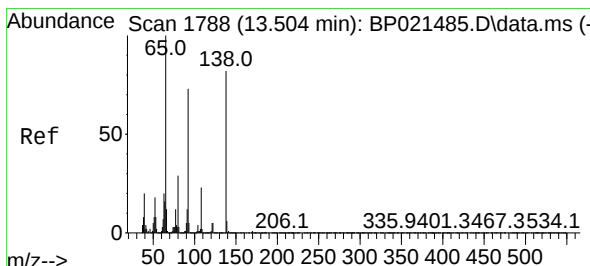
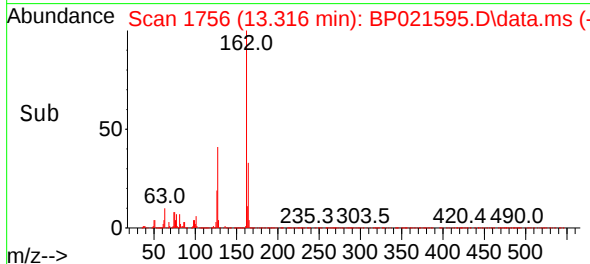
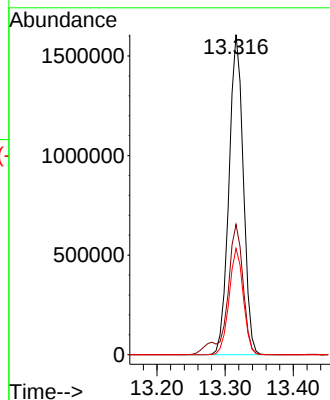
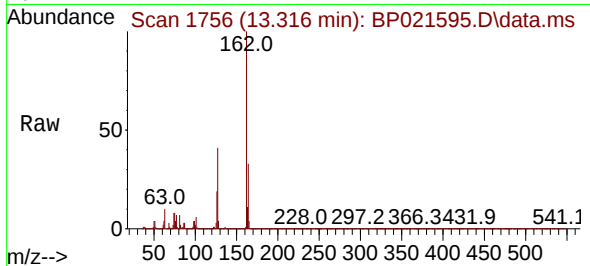




#47
2-Chloronaphthalene
Concen: 42.367 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

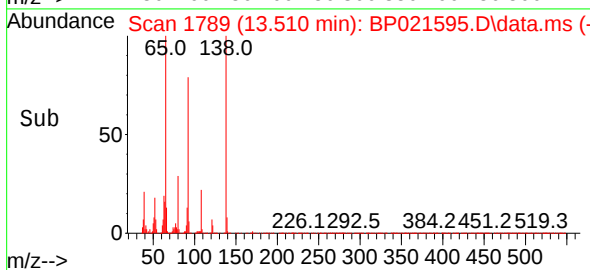
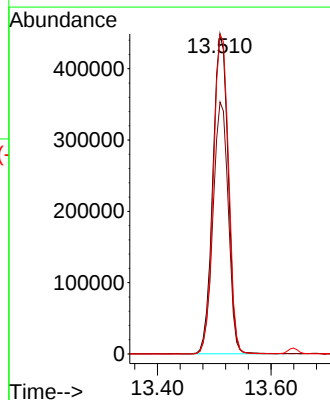
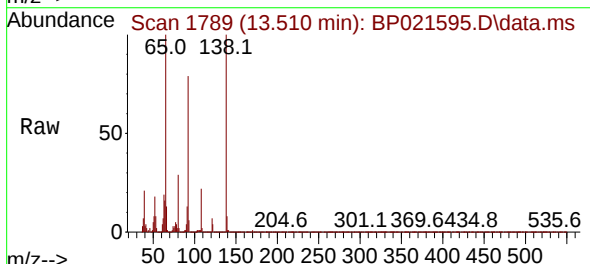
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

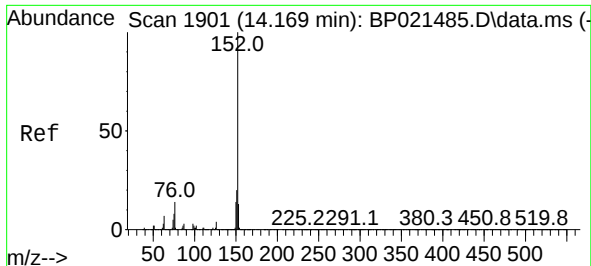
Tgt Ion:162 Resp: 2349701
Ion Ratio Lower Upper
162 100
127 40.7 31.9 47.9
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 53.124 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 65 Resp: 835325
Ion Ratio Lower Upper
65 100
92 78.7 58.1 87.1
138 99.9 65.5 98.3#





#49

Acenaphthylene

Concen: 47.725 ng

RT: 14.169 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

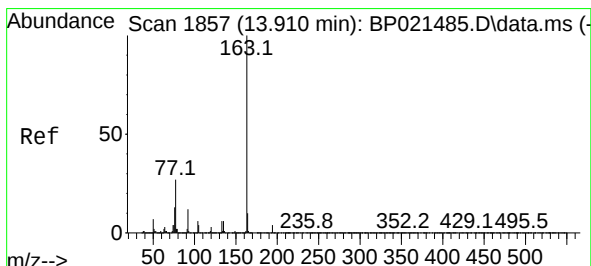
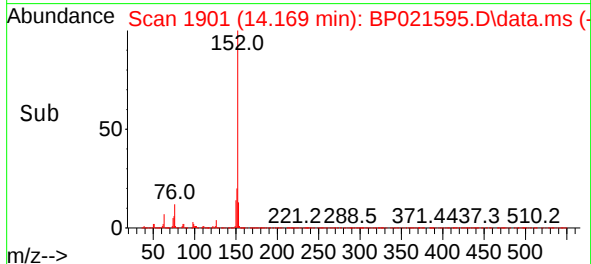
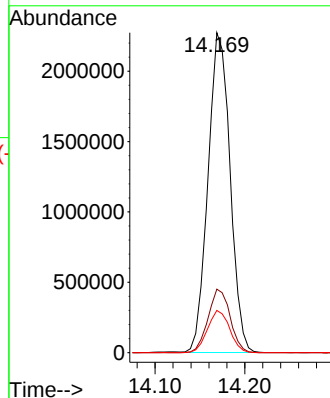
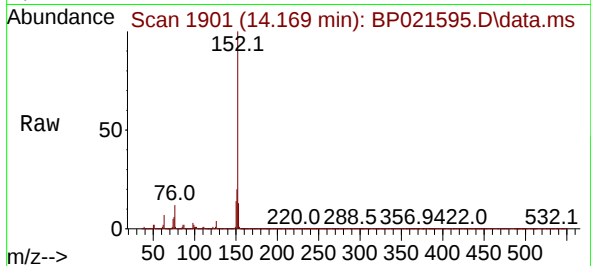
Tgt Ion:152 Resp: 3890940

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 45.810 ng

RT: 13.910 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

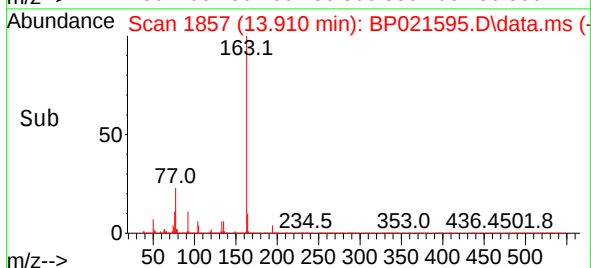
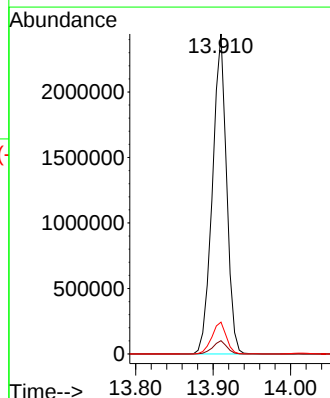
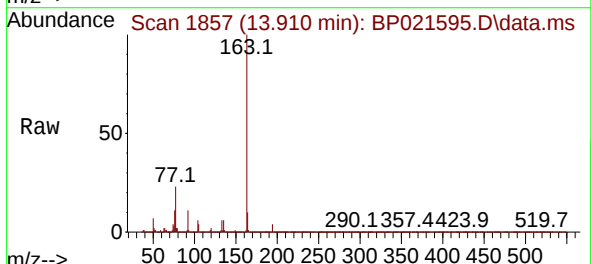
Tgt Ion:163 Resp: 3088858

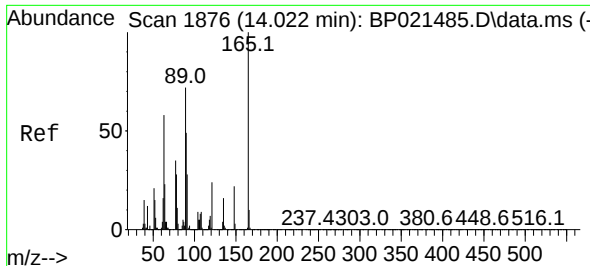
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.3 12.5

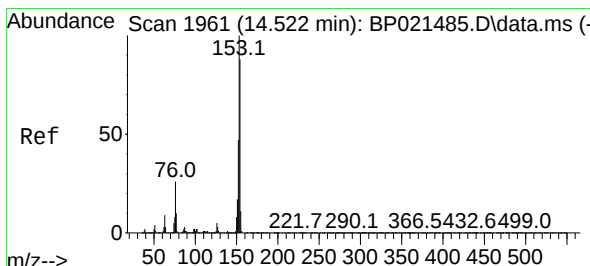
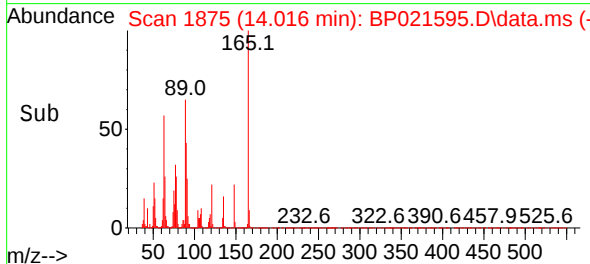
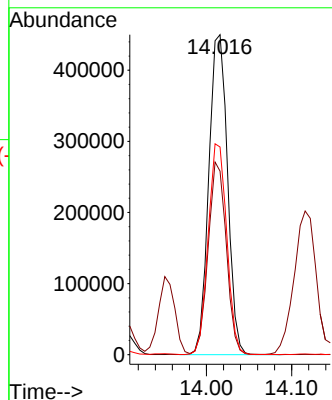
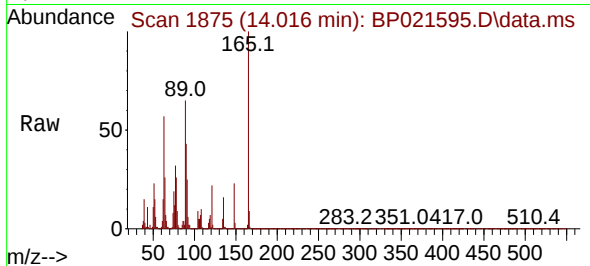




#51
2,6-Dinitrotoluene
Concen: 50.083 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

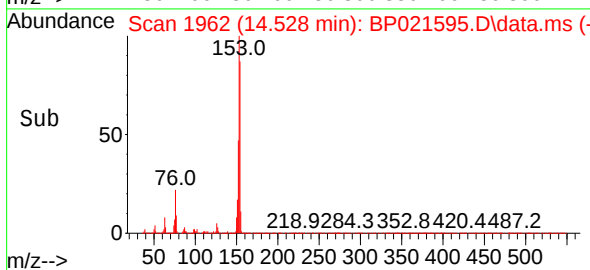
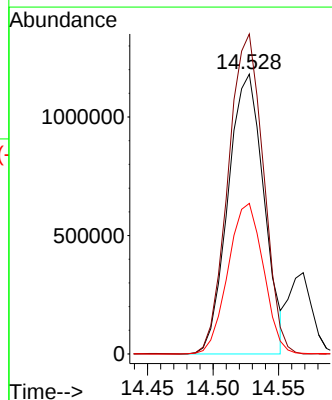
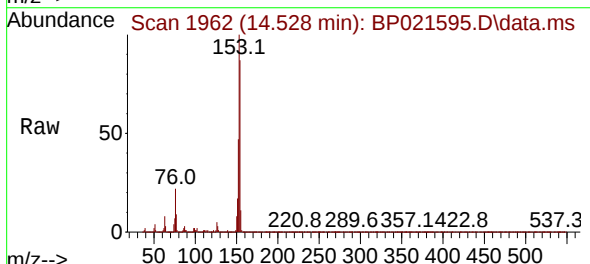
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

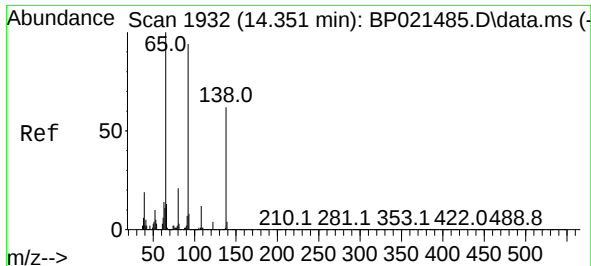
Tgt Ion:165 Resp: 683865
Ion Ratio Lower Upper
165 100
63 57.3 51.5 77.3
89 64.9 57.8 86.8



#52
Acenaphthene
Concen: 41.969 ng
RT: 14.528 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:154 Resp: 2245078
Ion Ratio Lower Upper
154 100
153 114.3 91.1 136.7
152 53.8 43.0 64.4

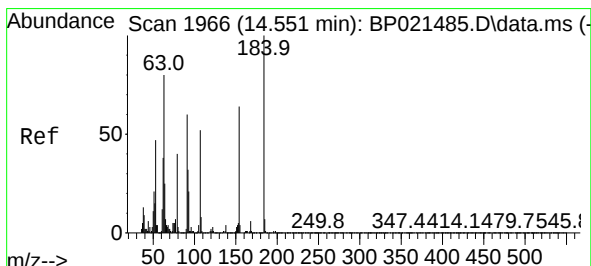
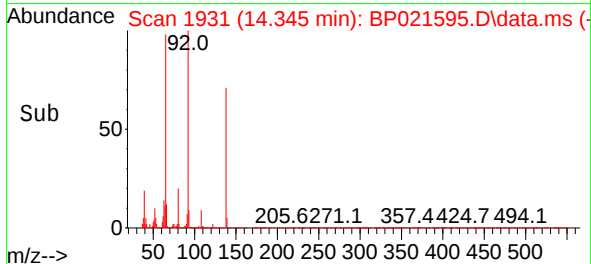
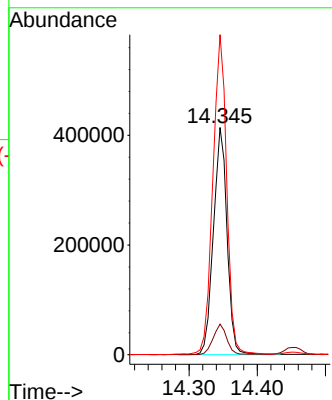
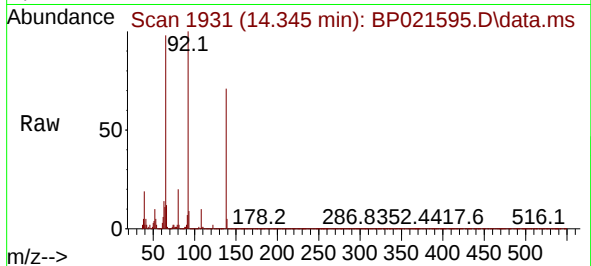




#53
3-Nitroaniline
Concen: 43.381 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

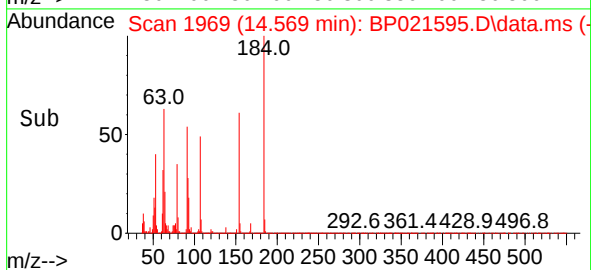
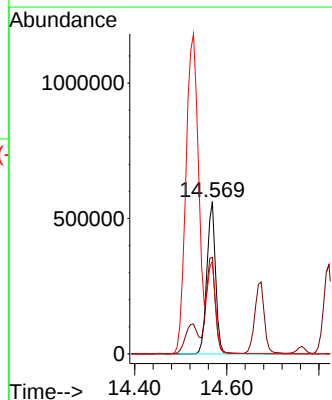
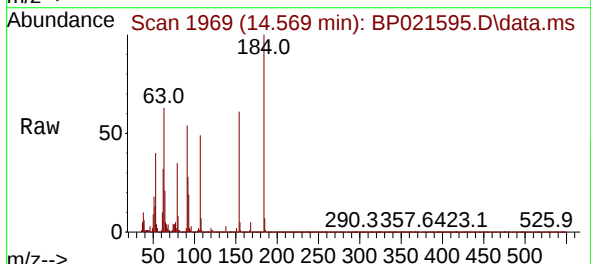
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

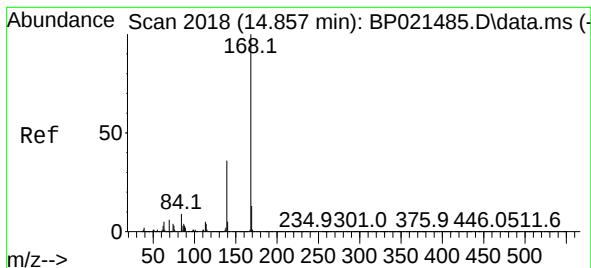
Tgt Ion:138 Resp: 574577
Ion Ratio Lower Upper
138 100
108 13.5 16.2 24.4#
92 140.8 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 122.690 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:184 Resp: 747280
Ion Ratio Lower Upper
184 100
63 63.4 64.9 97.3#
154 61.1 52.1 78.1





#55

Dibenzofuran

Concen: 44.735 ng

RT: 14.869 min Scan# 2018

Delta R.T. 0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

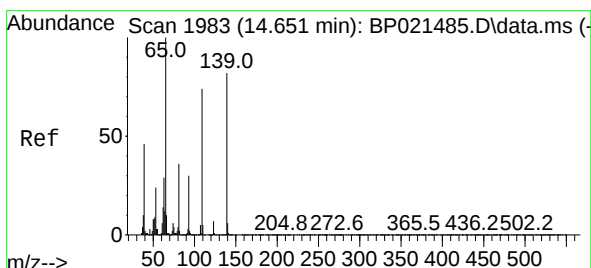
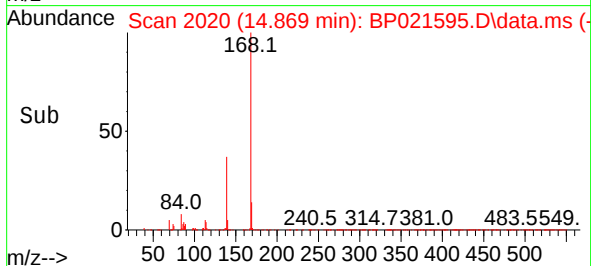
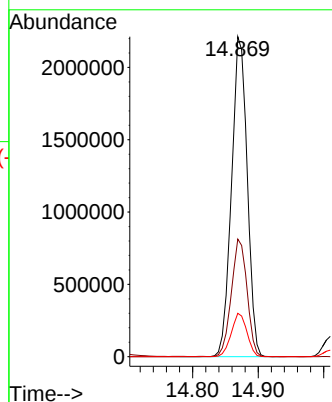
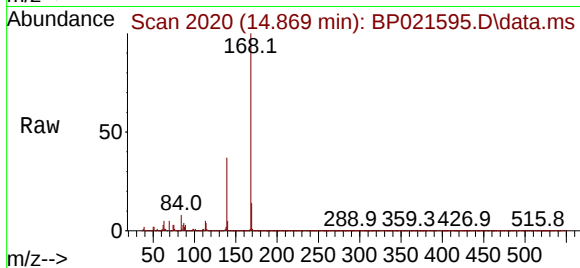
Tgt Ion:168 Resp: 3681261

Ion Ratio Lower Upper

168 100

139 36.7 28.6 43.0

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 113.046 ng

RT: 14.675 min Scan# 1987

Delta R.T. 0.024 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

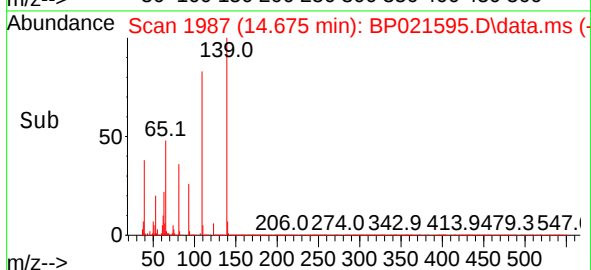
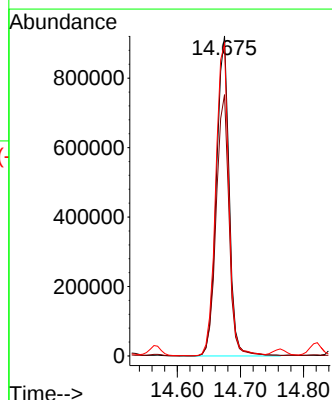
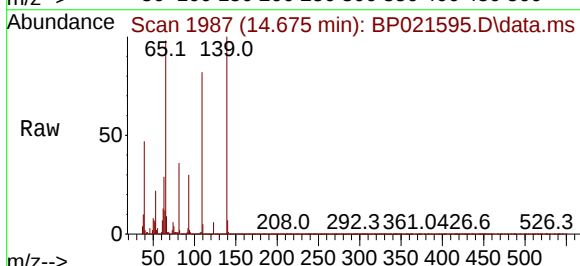
Tgt Ion:139 Resp: 1289235

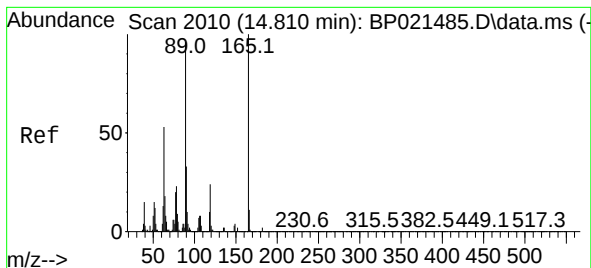
Ion Ratio Lower Upper

139 100

109 81.7 70.2 110.2

65 97.5 101.8 141.8#





#57

2,4-Dinitrotoluene

Concen: 56.086 ng

RT: 14.822 min Scan# 2010

Delta R.T. 0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

Tgt Ion:165 Resp: 986728

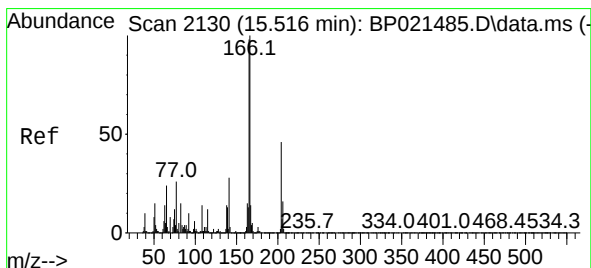
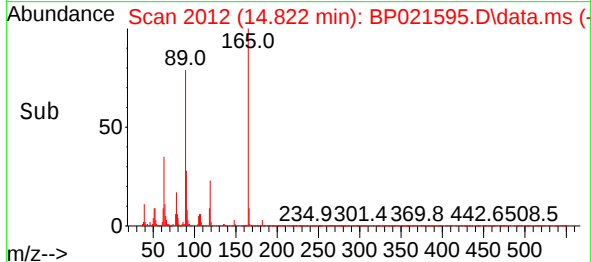
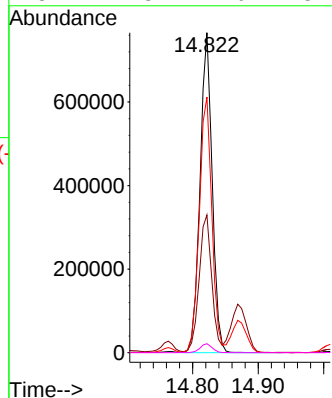
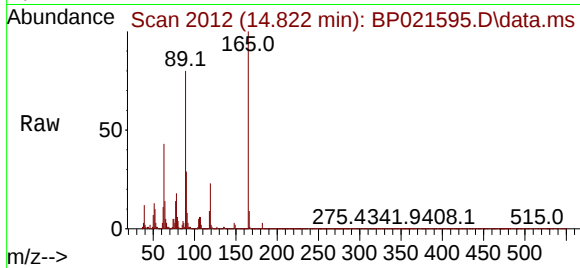
Ion Ratio Lower Upper

165 100

63 43.1 42.5 63.7

89 79.9 77.1 115.7

182 2.8 2.0 3.0



#58

Fluorene

Concen: 42.892 ng

RT: 15.533 min Scan# 2133

Delta R.T. 0.017 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

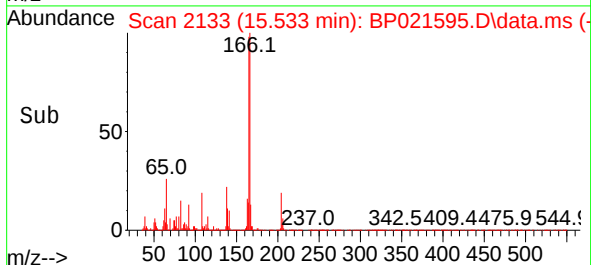
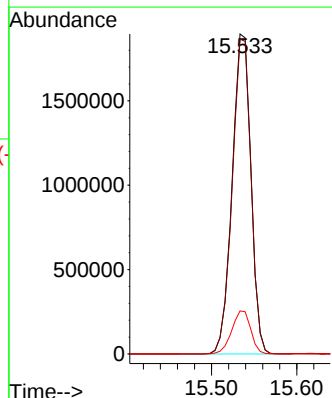
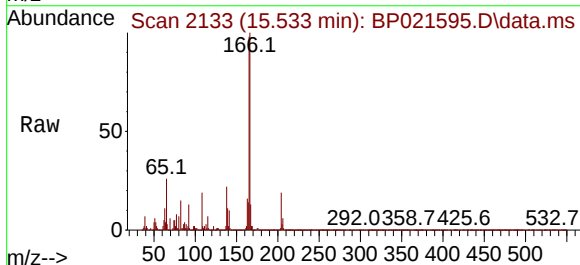
Tgt Ion:166 Resp: 2899678

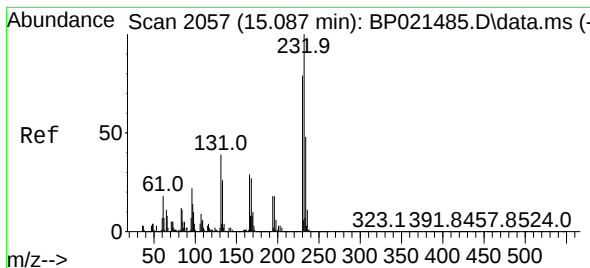
Ion Ratio Lower Upper

166 100

165 98.4 78.1 117.1

167 13.4 11.0 16.4

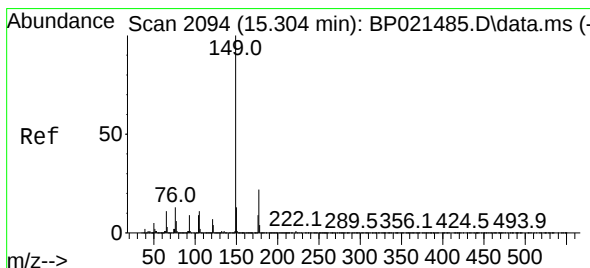
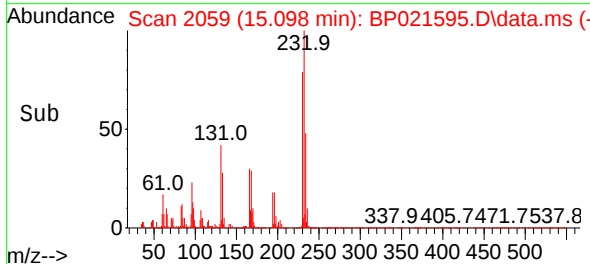
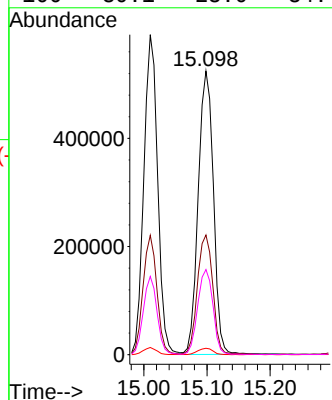
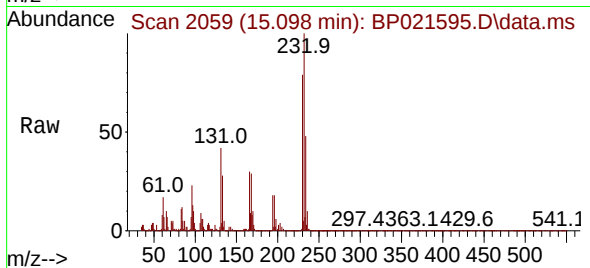




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.815 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

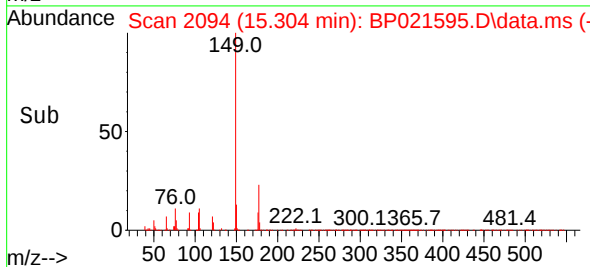
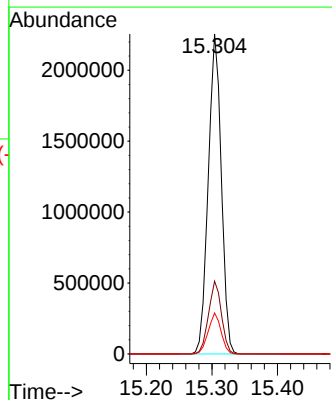
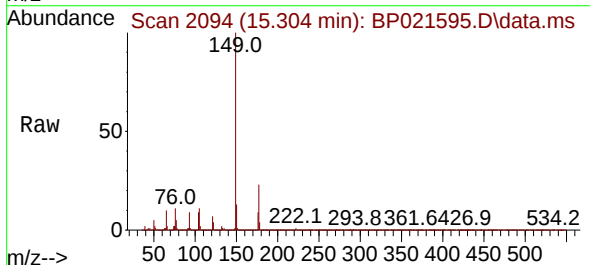
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

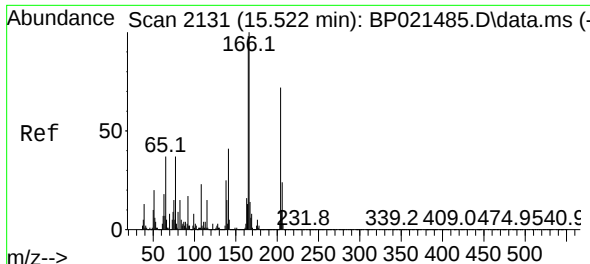
Tgt Ion:232 Resp: 878009
Ion Ratio Lower Upper
232 100
131 42.6 33.1 49.7
130 2.3 1.7 2.5
166 30.1 23.0 34.4



#60
Diethylphthalate
Concen: 45.186 ng
RT: 15.304 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:149 Resp: 3126196
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.8 10.1 15.1

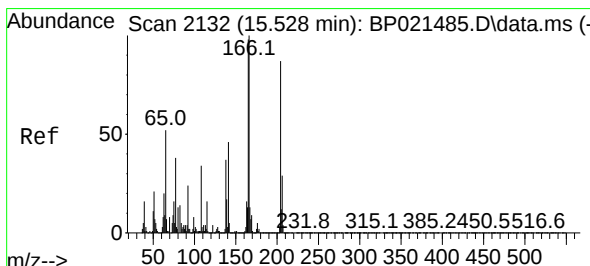
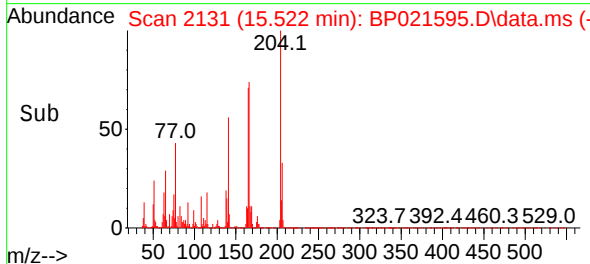
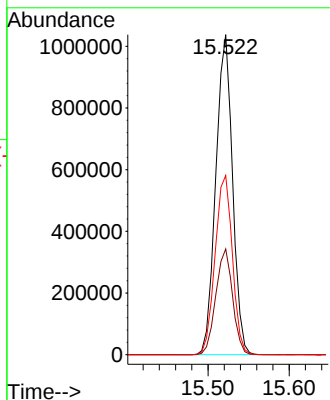
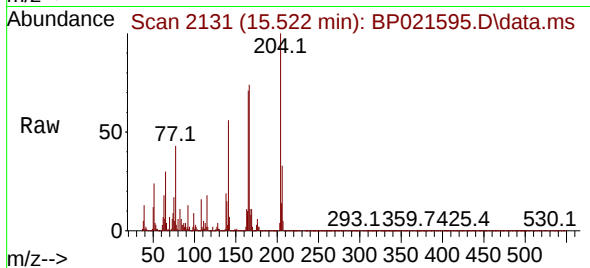




#61
4-Chlorophenyl-phenylether
Concen: 42.541 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

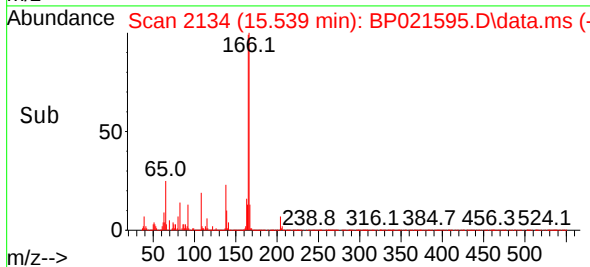
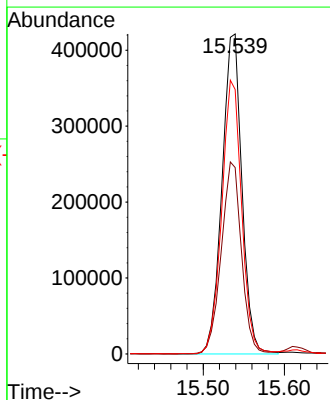
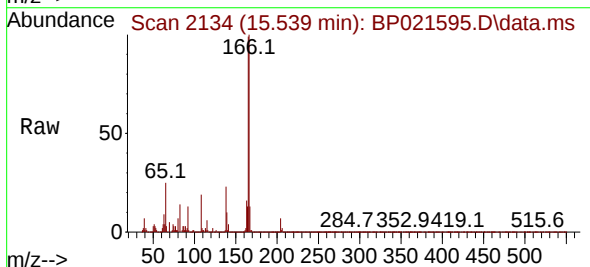
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

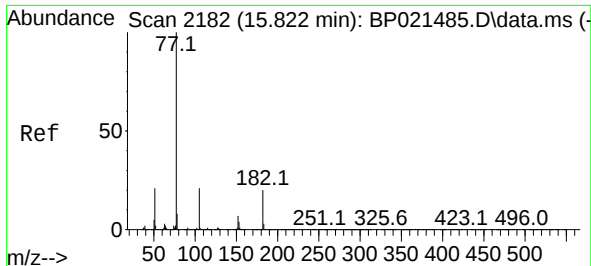
Tgt Ion:204 Resp: 1486596
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 56.0 46.1 69.1



#62
4-Nitroaniline
Concen: 51.968 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.011 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:138 Resp: 717929
Ion Ratio Lower Upper
138 100
92 58.3 46.4 86.4
108 82.6 73.2 113.2



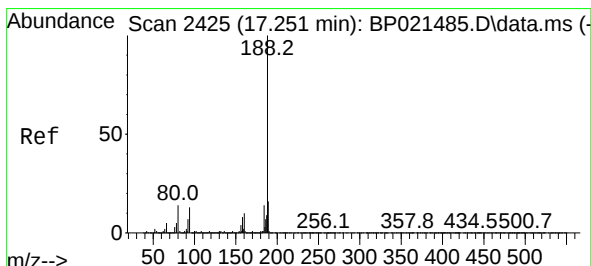
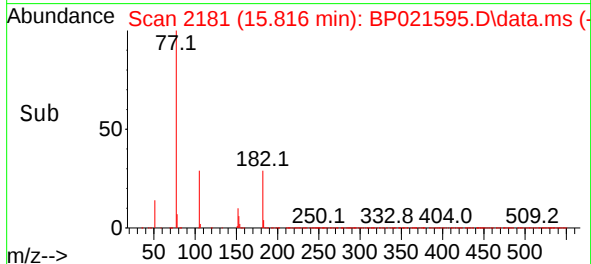
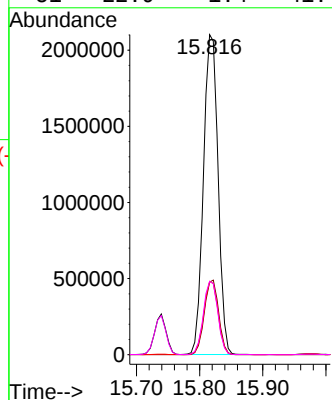
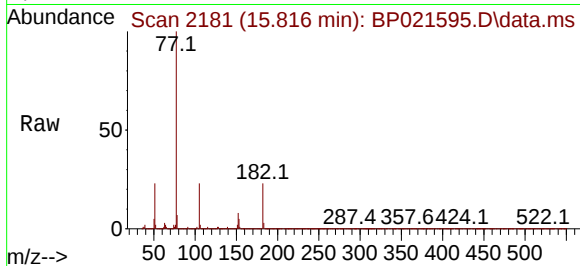


#63
Azobenzene
Concen: 39.717 ng
RT: 15.816 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Instrument :
BNA_P
ClientSampleId :
PB162788BSD

Tgt Ion: 77 Resp: 3377663

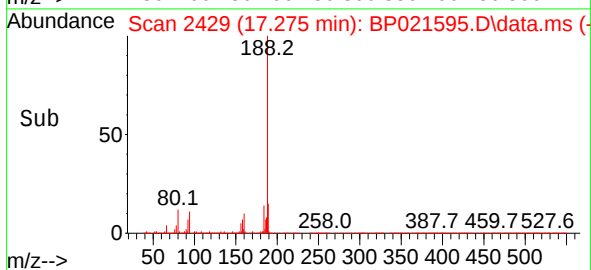
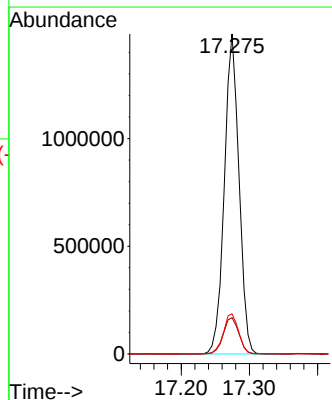
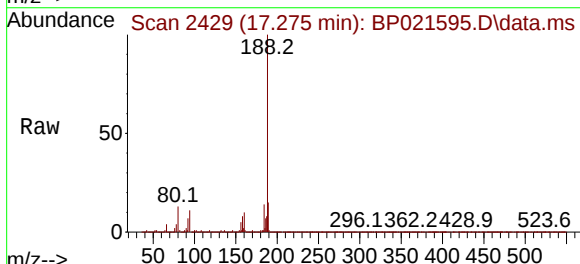
Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	39.9
105	22.9	0.9	40.9
51	22.9	1.4	41.4

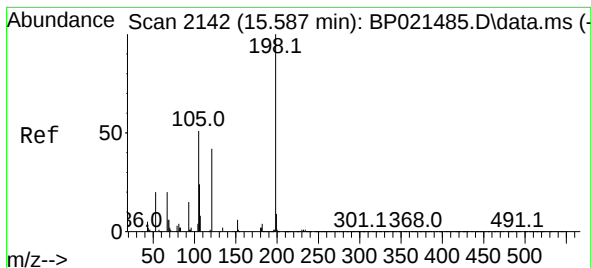


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. 0.023 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion: 188 Resp: 2217857

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.2	15.4
80	12.5	11.6	17.4

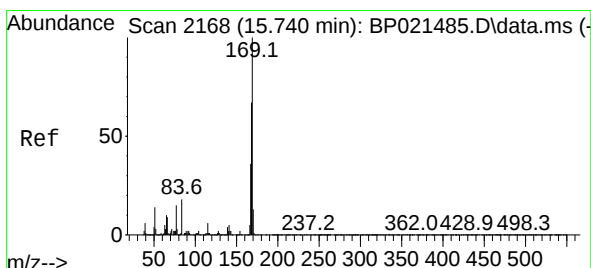
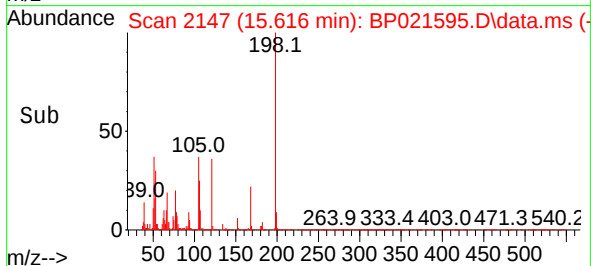
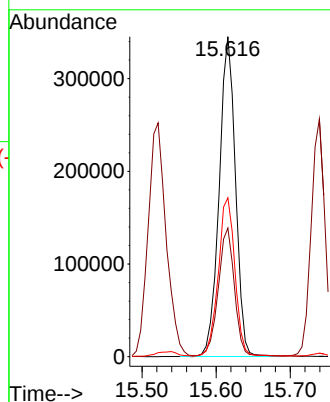
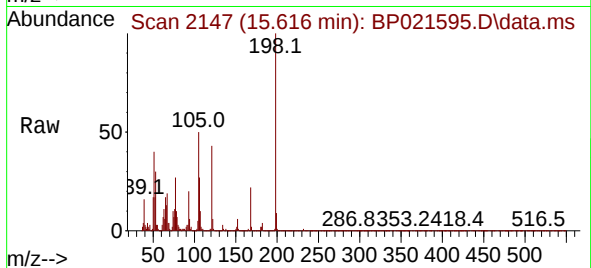




#65
4,6-Dinitro-2-methylphenol
Concen: 68.253 ng
RT: 15.616 min Scan# 2142
Delta R.T. 0.029 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

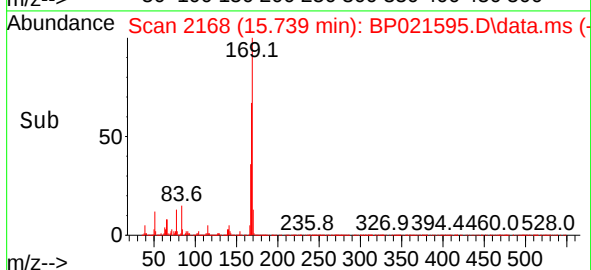
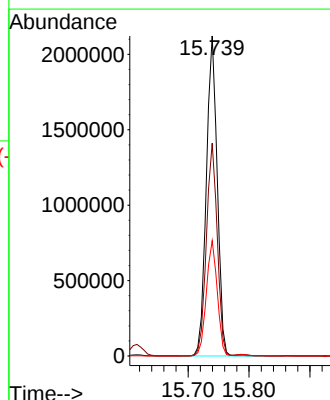
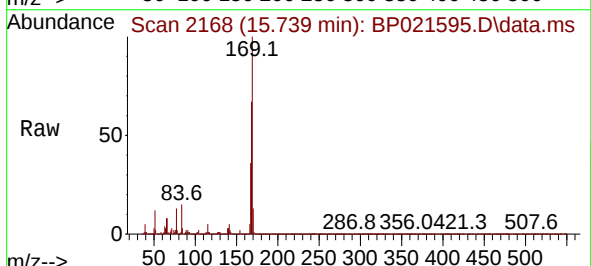
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

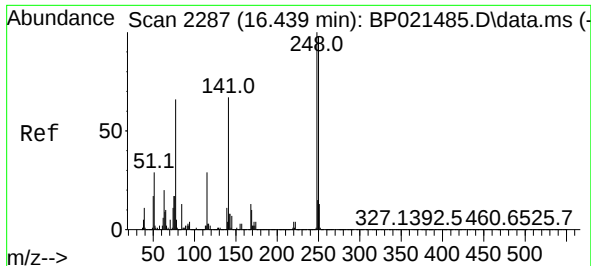
Tgt Ion:198 Resp: 528178
Ion Ratio Lower Upper
198 100
51 40.2 21.5 61.5
105 49.7 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 44.351 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:169 Resp: 2636014
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.1 28.7 43.1

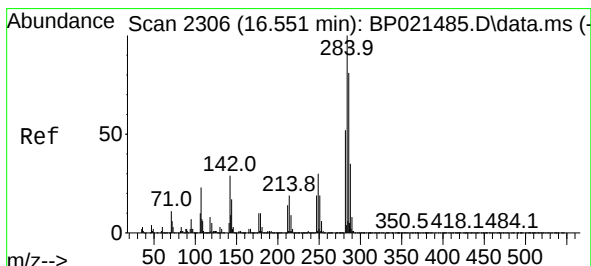
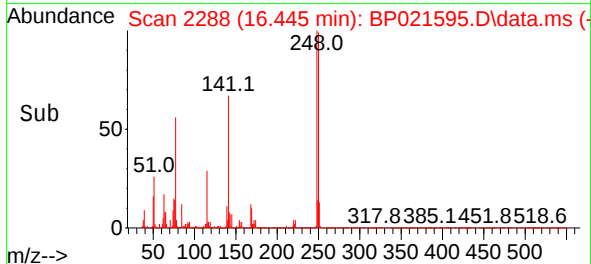
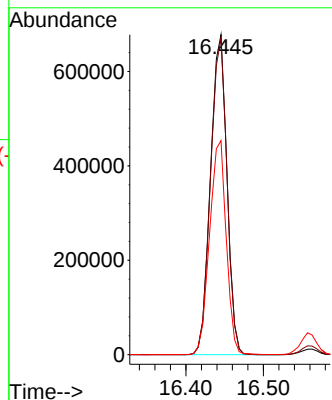
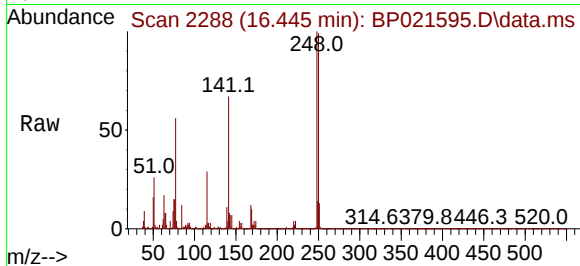




#67
4-Bromophenyl-phenylether
Concen: 42.530 ng
RT: 16.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

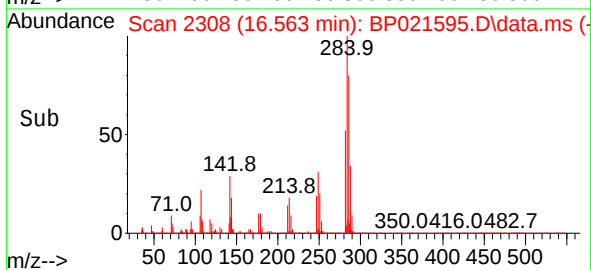
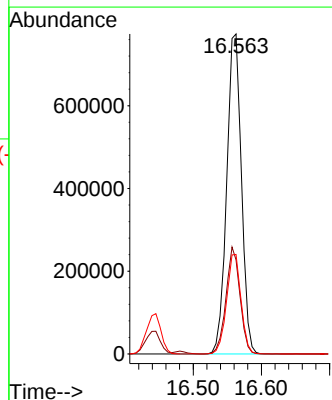
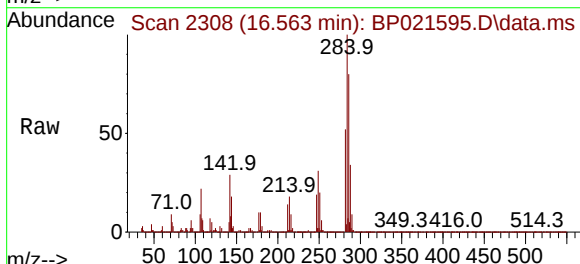
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

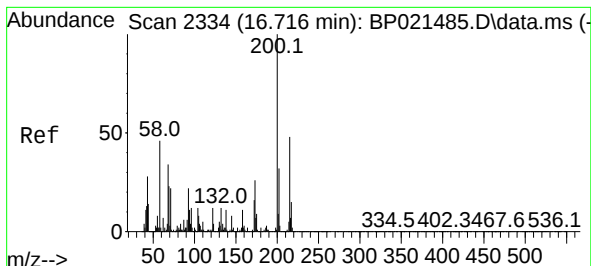
Tgt Ion:248 Resp: 998300
Ion Ratio Lower Upper
248 100
250 98.9 78.6 117.8
141 66.9 53.9 80.9



#68
Hexachlorobenzene
Concen: 41.768 ng
RT: 16.563 min Scan# 2308
Delta R.T. 0.012 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:284 Resp: 1158608
Ion Ratio Lower Upper
284 100
142 29.4 23.4 35.2
249 31.1 24.1 36.1





#69

Atrazine

Concen: 40.847 ng

RT: 16.722 min Scan# 2335

Delta R.T. 0.006 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

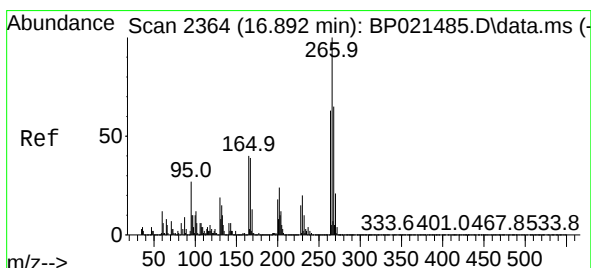
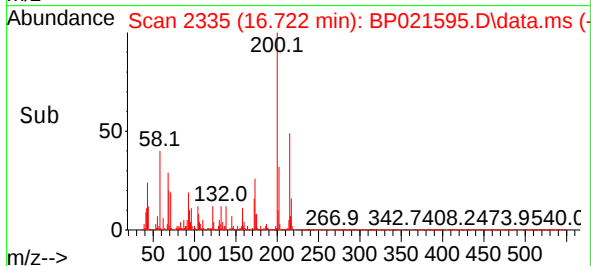
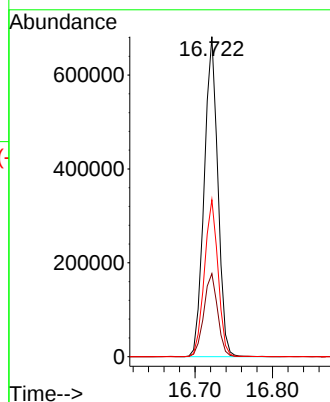
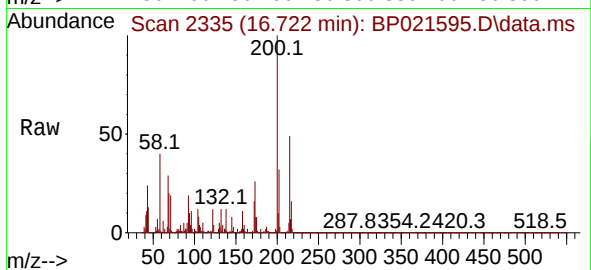
Tgt Ion:200 Resp: 833535

Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

215 49.1 28.4 68.4



#70

Pentachlorophenol

Concen: 102.579 ng

RT: 16.916 min Scan# 2368

Delta R.T. 0.024 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

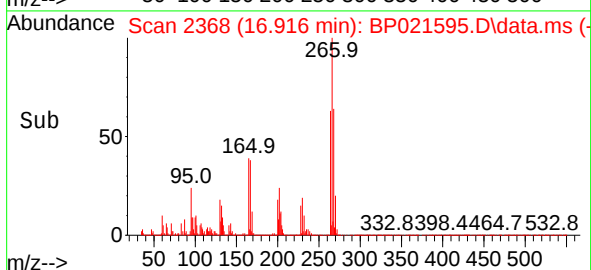
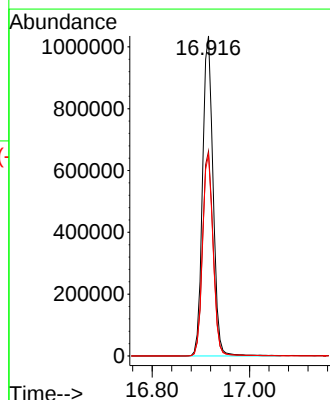
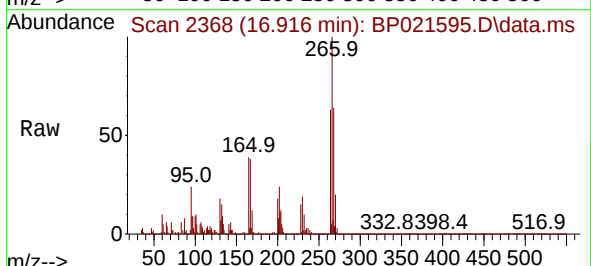
Tgt Ion:266 Resp: 1553061

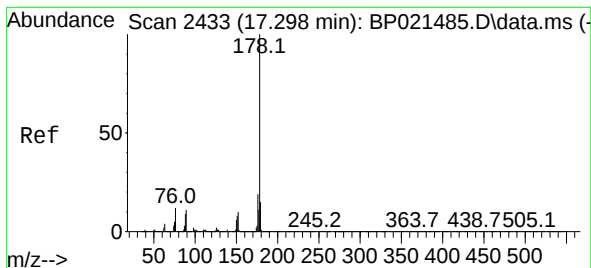
Ion Ratio Lower Upper

266 100

268 64.0 51.8 77.6

264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 44.751 ng

RT: 17.322 min Scan# 2433

Delta R.T. 0.023 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

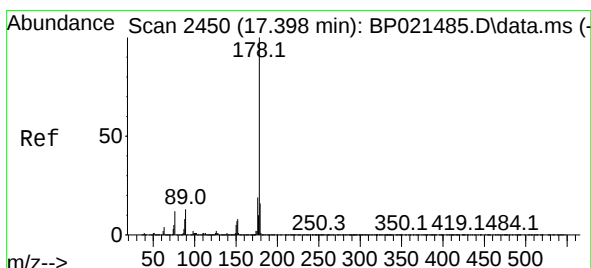
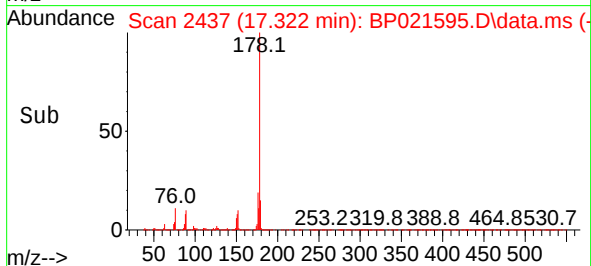
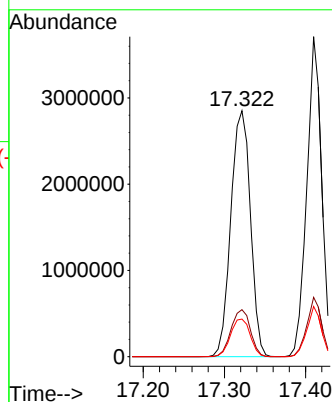
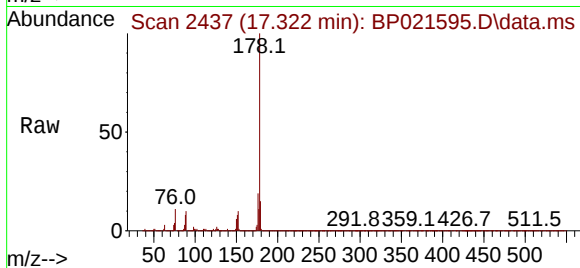
Tgt Ion:178 Resp: 4773202

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.4 18.6



#72

Anthracene

Concen: 45.294 ng

RT: 17.410 min Scan# 2452

Delta R.T. 0.012 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

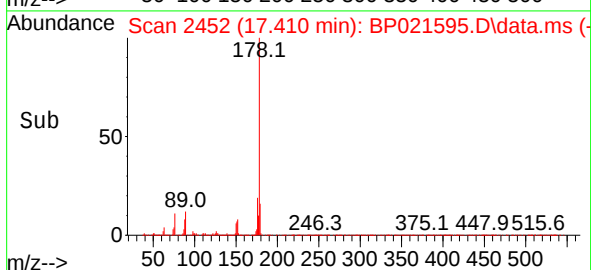
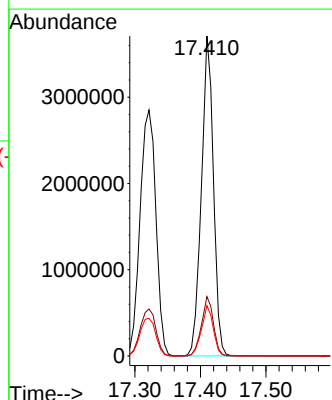
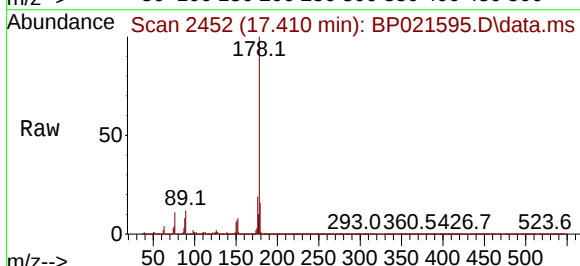
Tgt Ion:178 Resp: 4737961

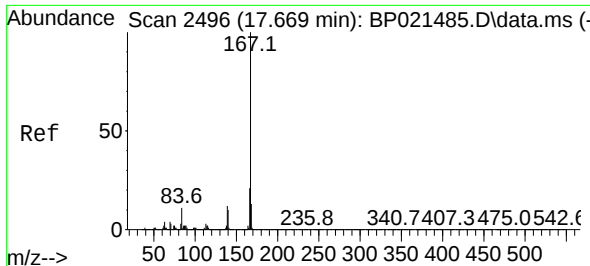
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.7 12.5 18.7

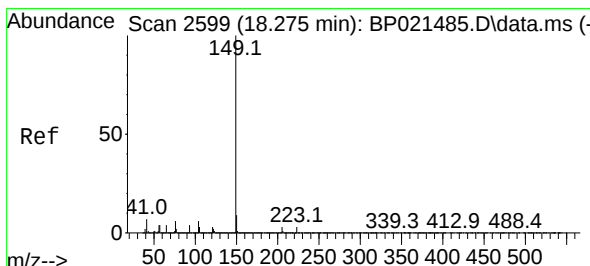
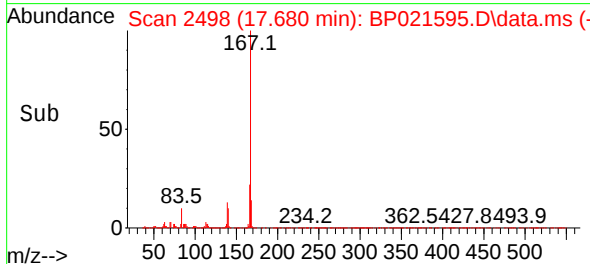
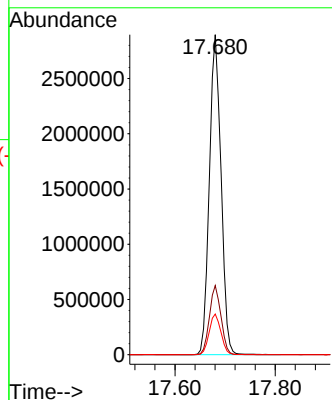
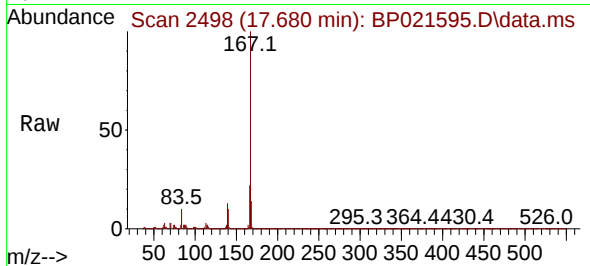




#73
 Carbazole
 Concen: 46.496 ng
 RT: 17.680 min Scan# 2496
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

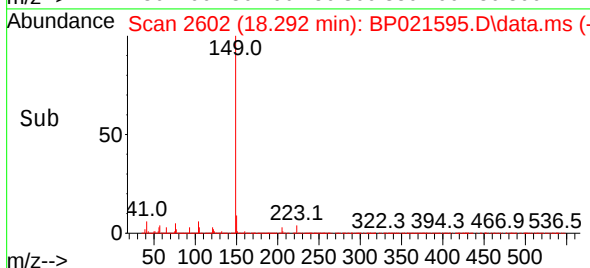
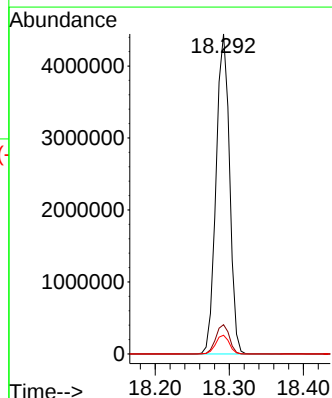
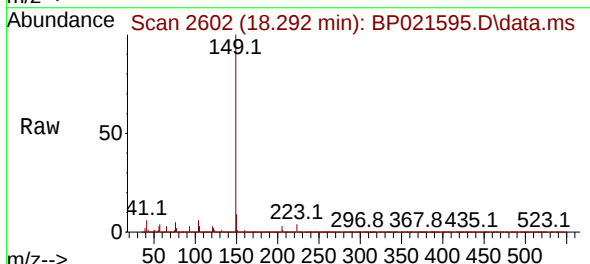
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD

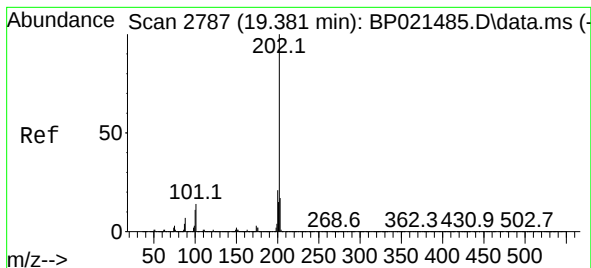
Tgt Ion:167 Resp: 4687315
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 12.7 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 45.247 ng
 RT: 18.292 min Scan# 2602
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Tgt Ion:149 Resp: 5601905
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.8 4.9 7.3





#75

Fluoranthene

Concen: 44.695 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

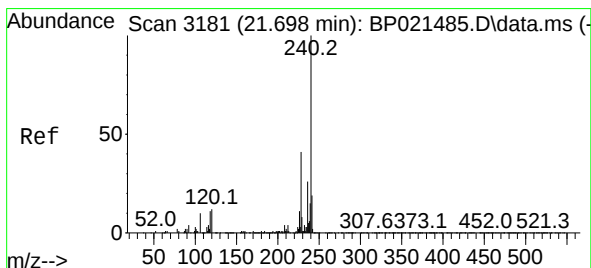
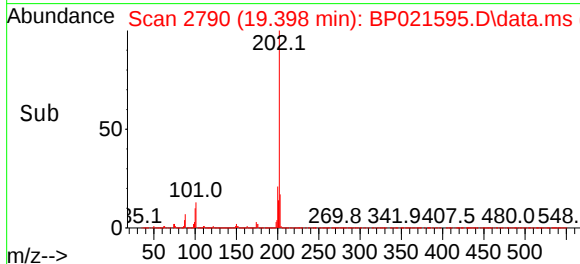
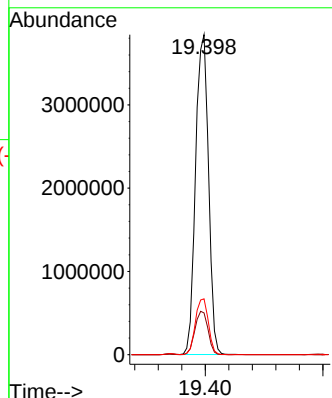
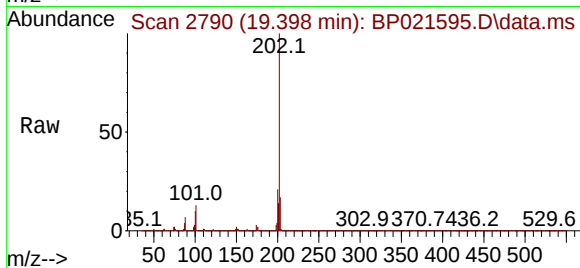
Tgt Ion:202 Resp: 5849345

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.745 min Scan# 3189

Delta R.T. 0.047 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

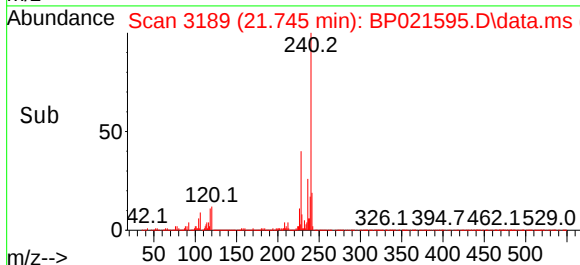
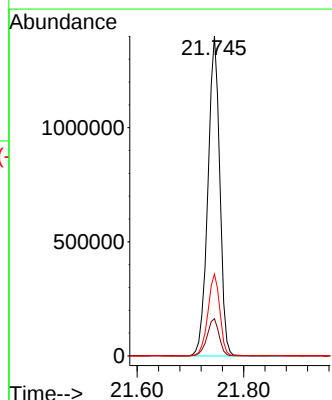
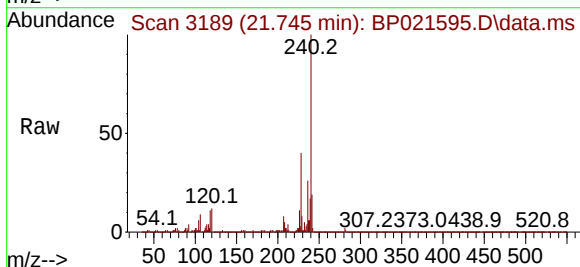
Tgt Ion:240 Resp: 2163191

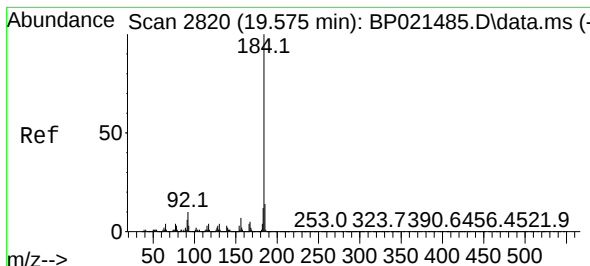
Ion Ratio Lower Upper

240 100

120 11.6 9.9 14.9

236 25.6 20.6 30.8





#77

Benzidine

Concen: 23.572 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.017 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

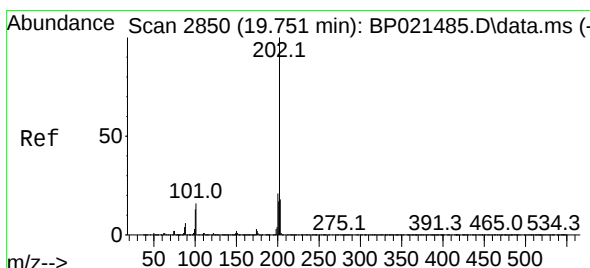
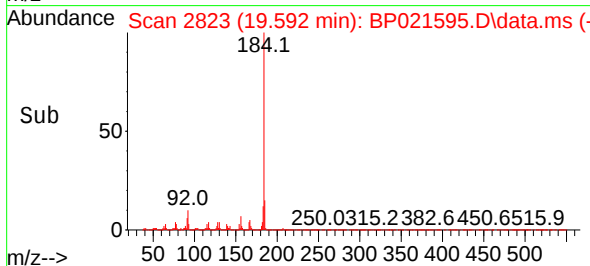
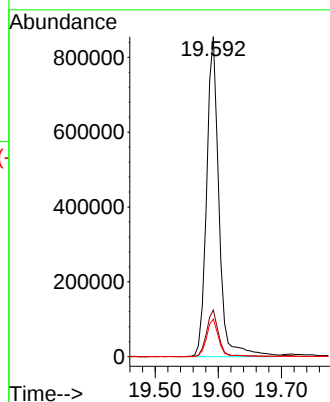
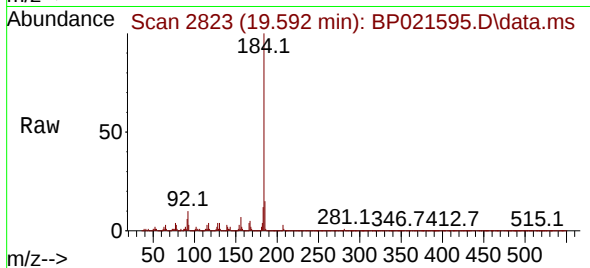
Tgt Ion:184 Resp: 1163683

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

183 11.7 9.3 13.9



#78

Pyrene

Concen: 43.844 ng

RT: 19.774 min Scan# 2854

Delta R.T. 0.023 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

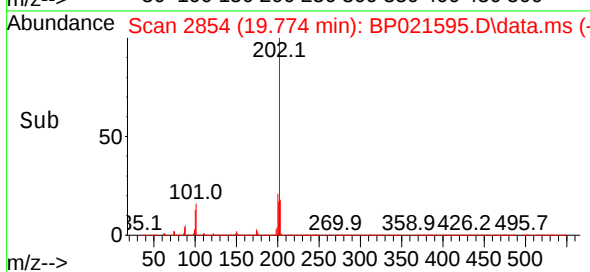
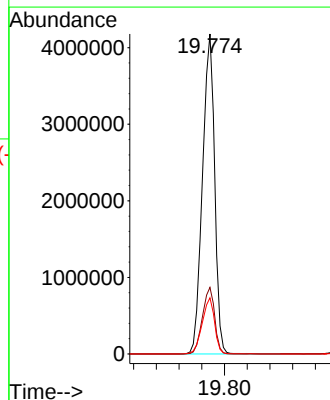
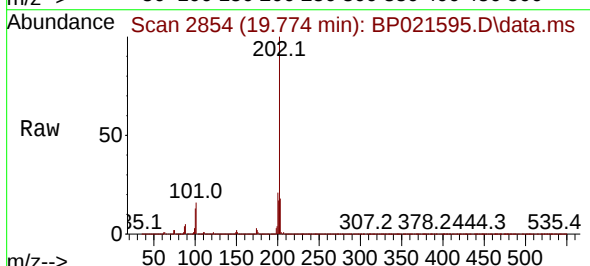
Tgt Ion:202 Resp: 6199077

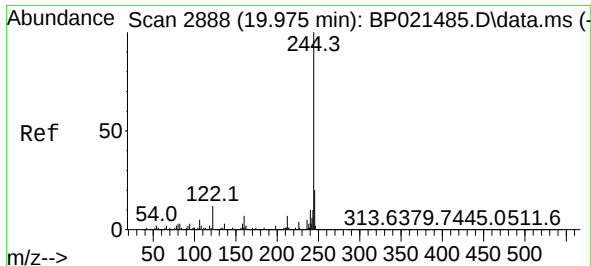
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.5 14.1 21.1

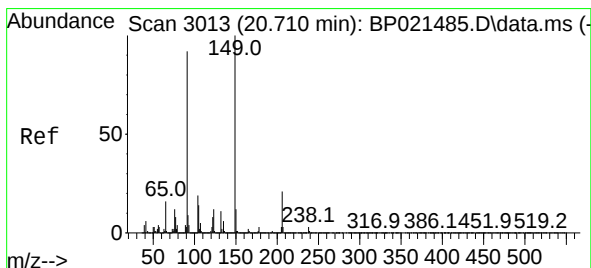
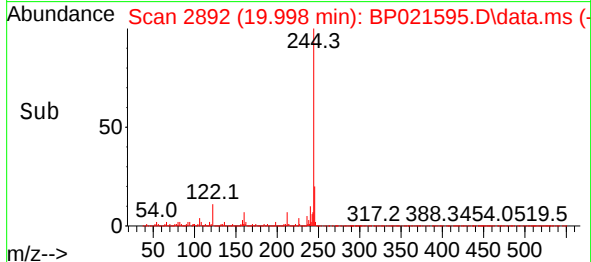
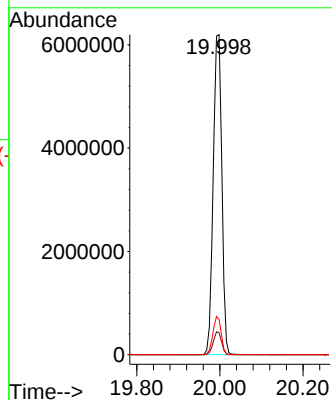
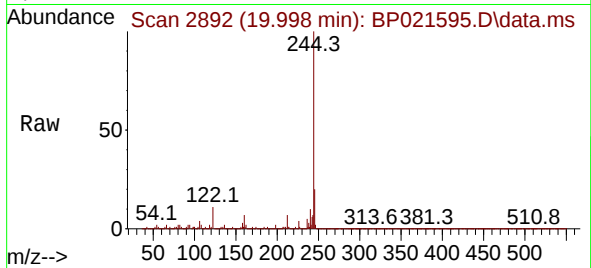




#79
 Terphenyl-d14
 Concen: 79.858 ng
 RT: 19.998 min Scan# 2892
 Delta R.T. 0.023 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

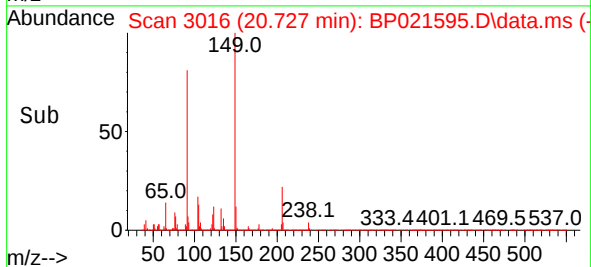
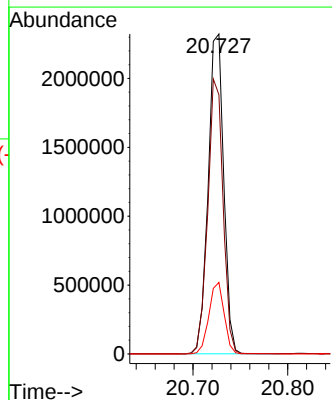
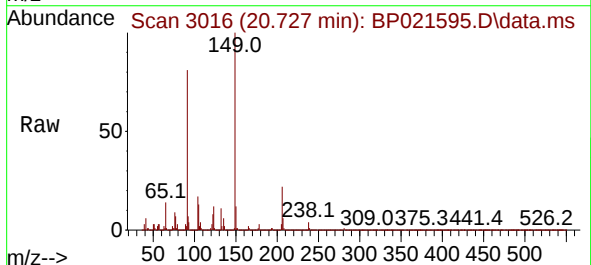
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD

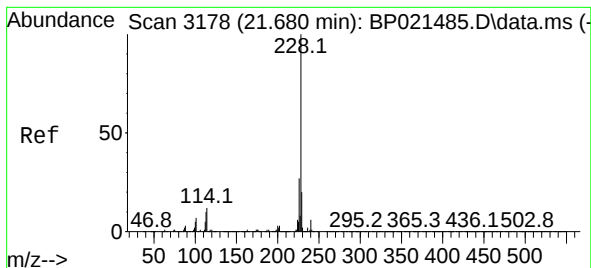
Tgt Ion:244 Resp: 8892065
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 49.208 ng
 RT: 20.727 min Scan# 3016
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Tgt Ion:149 Resp: 2645879
 Ion Ratio Lower Upper
 149 100
 91 81.0 73.3 109.9
 206 22.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.146 ng

RT: 21.721 min Scan# 3170

Delta R.T. 0.041 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

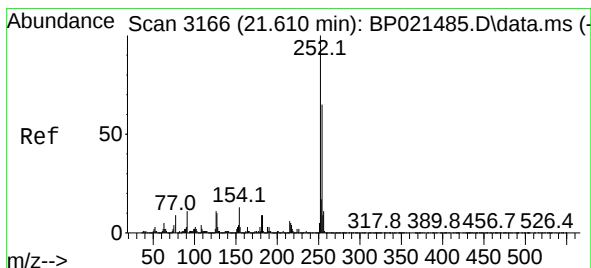
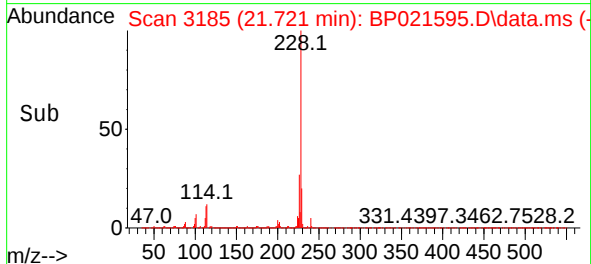
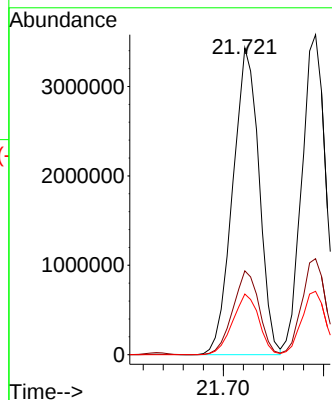
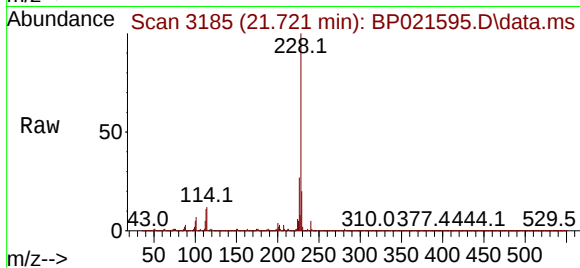
Tgt Ion:228 Resp: 6266458

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.989 ng

RT: 21.633 min Scan# 3170

Delta R.T. 0.023 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

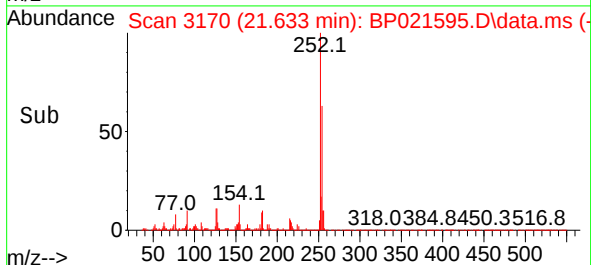
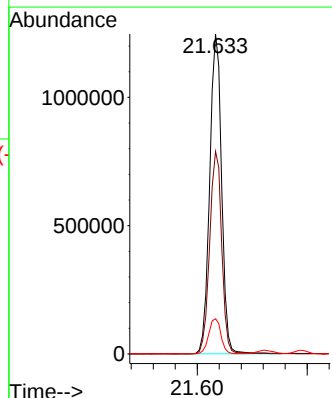
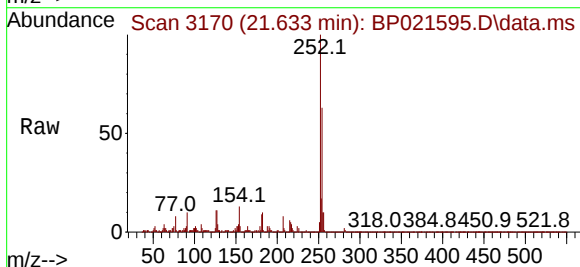
Tgt Ion:252 Resp: 1871748

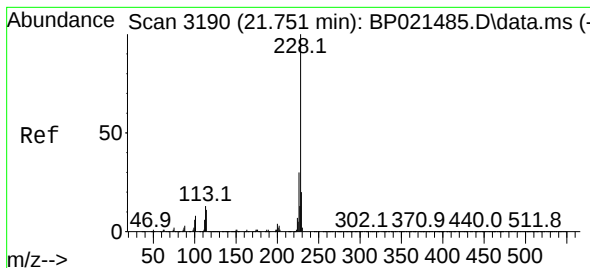
Ion Ratio Lower Upper

252 100

254 63.3 51.7 77.5

126 11.0 8.7 13.1





#83

Chrysene

Concen: 45.957 ng

RT: 21.792 min Scan# 3190

Delta R.T. 0.041 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

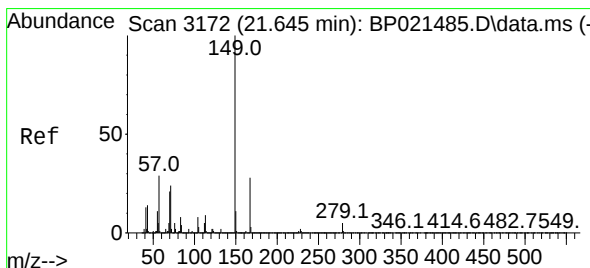
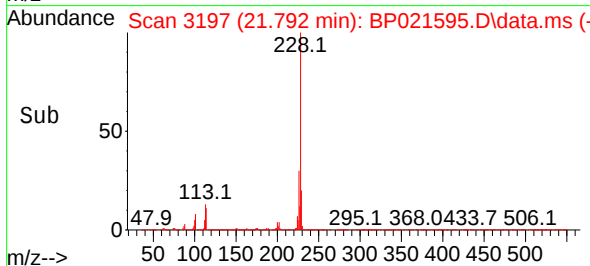
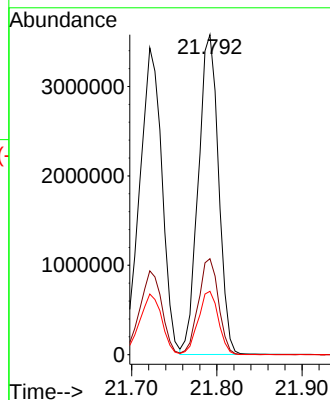
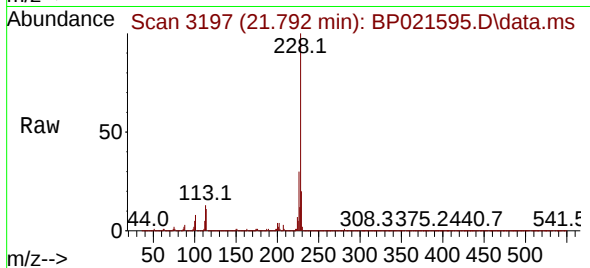
Tgt Ion:228 Resp: 5892243

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.525 ng

RT: 21.663 min Scan# 3175

Delta R.T. 0.017 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

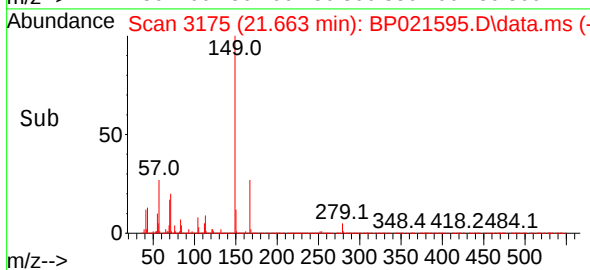
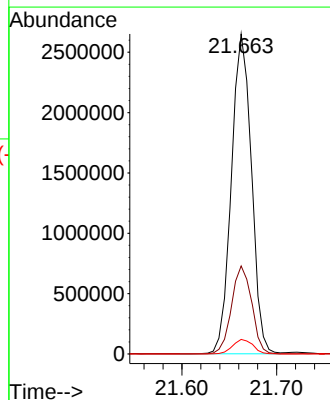
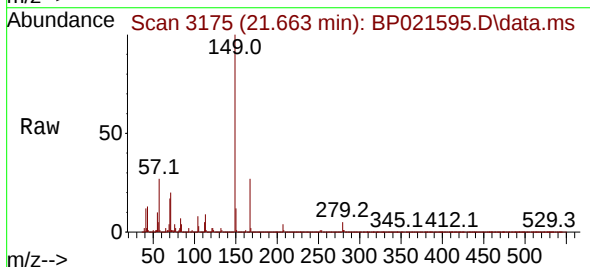
Tgt Ion:149 Resp: 3894673

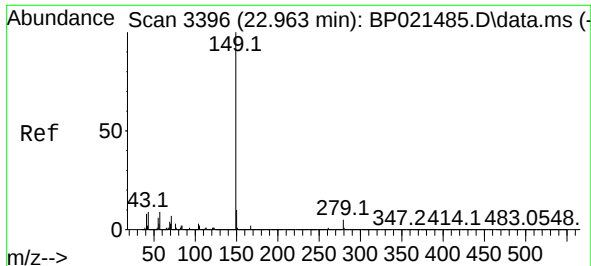
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 4.5 3.8 5.6

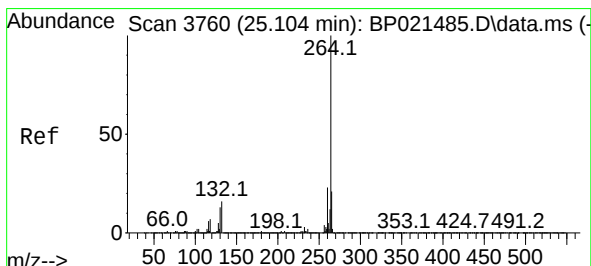
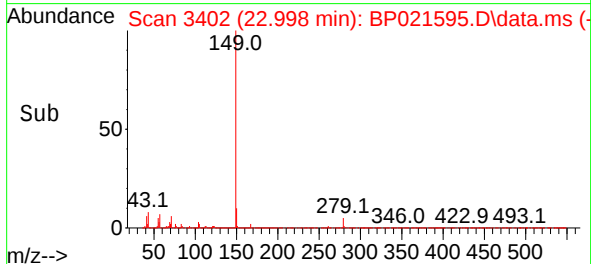
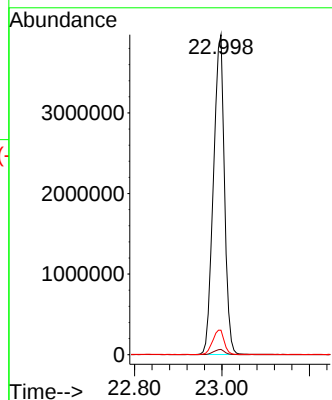
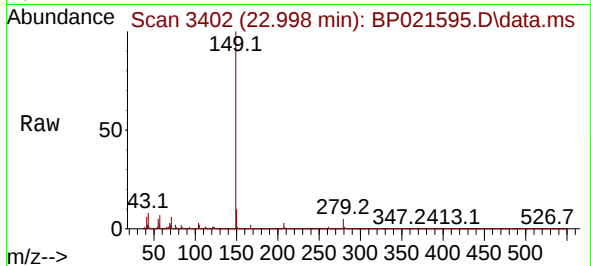




#85
Di-n-octyl phthalate
Concen: 49.126 ng
RT: 22.998 min Scan# 34
Delta R.T. 0.035 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

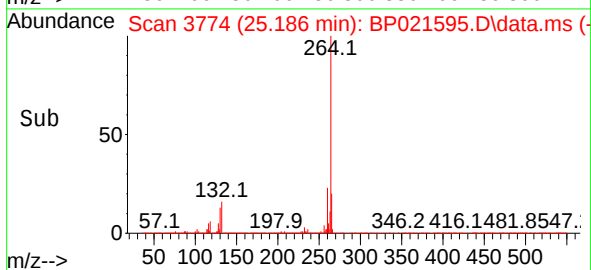
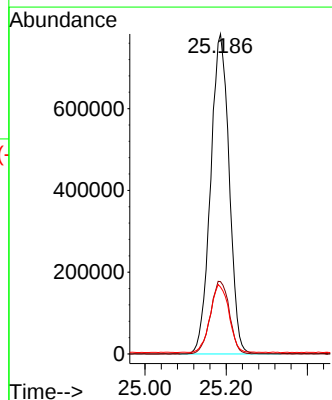
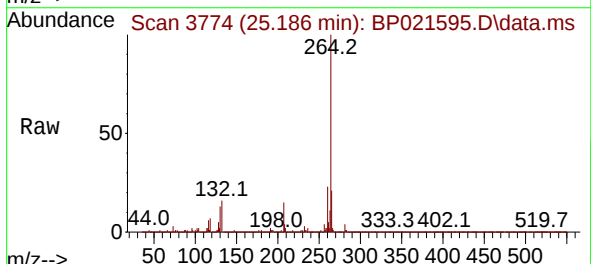
Instrument :
BNA_P
ClientSampleId :
PB162788BSD

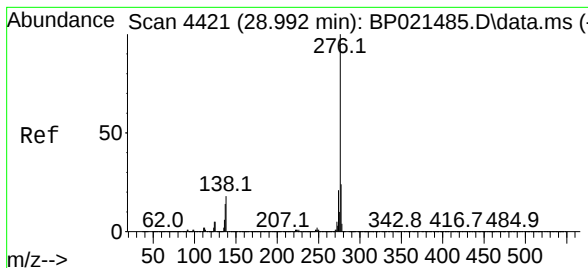
Tgt Ion:149 Resp: 6944035
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3774
Delta R.T. 0.082 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Tgt Ion:264 Resp: 2473126
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 20.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.727 ng

RT: 29.133 min Scan# 4421

Delta R.T. 0.141 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

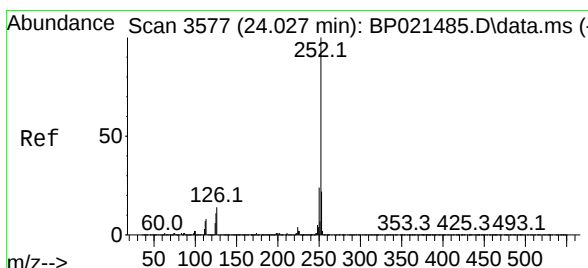
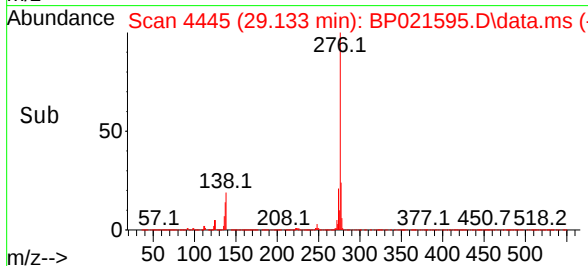
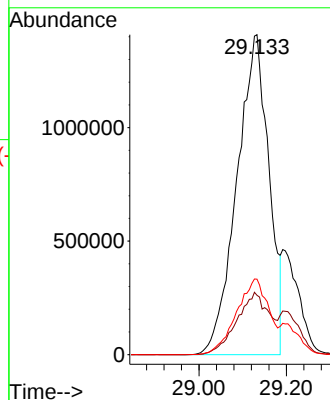
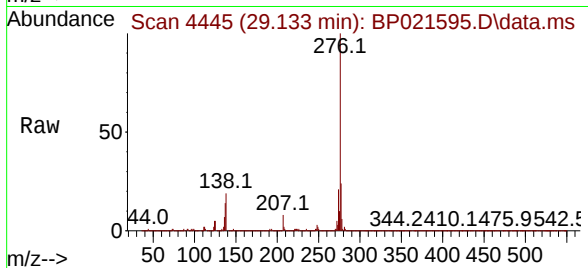
Tgt Ion:276 Resp: 7170314

Ion Ratio Lower Upper

276 100

138 20.1 12.8 19.2#

277 23.8 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 47.993 ng

RT: 24.098 min Scan# 3589

Delta R.T. 0.070 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

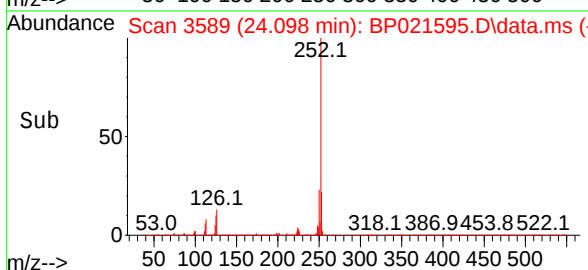
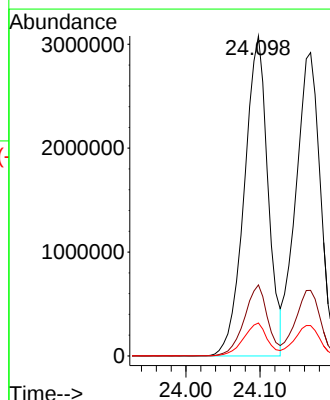
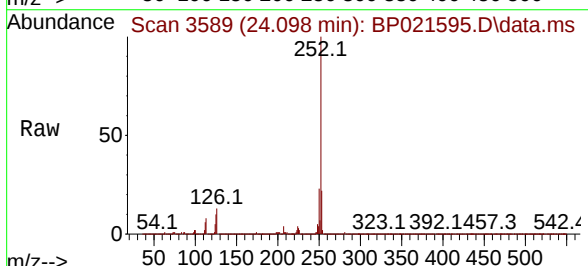
Tgt Ion:252 Resp: 6816748

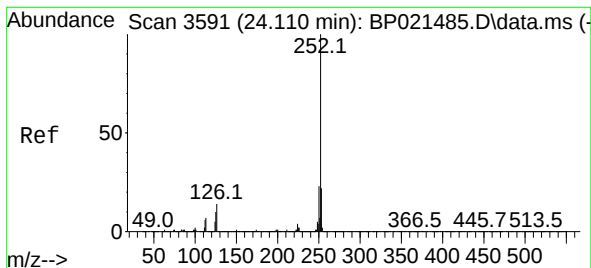
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 48.218 ng

RT: 24.168 min Scan# 3

Delta R.T. 0.059 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

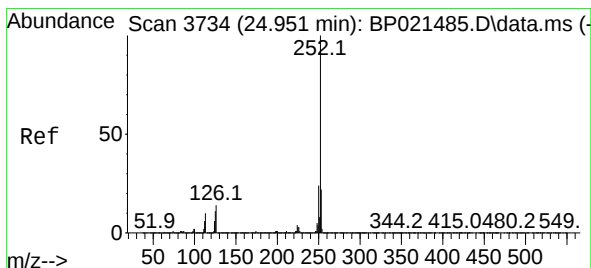
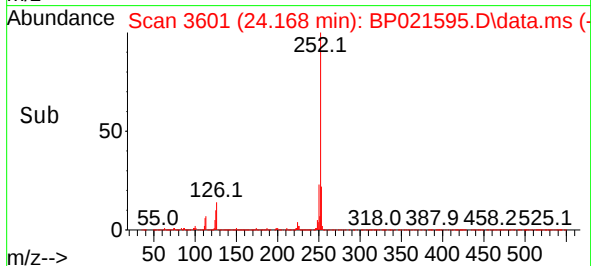
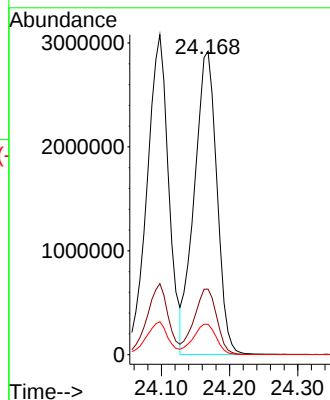
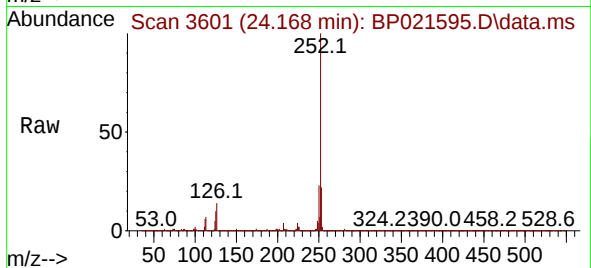
Tgt Ion:252 Resp: 6680950

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 7.8 11.8



#90

Benzo(a)pyrene

Concen: 52.314 ng

RT: 25.015 min Scan# 3745

Delta R.T. 0.064 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

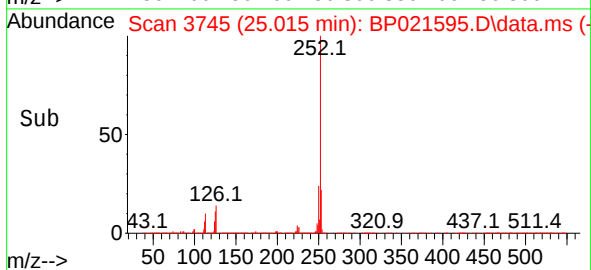
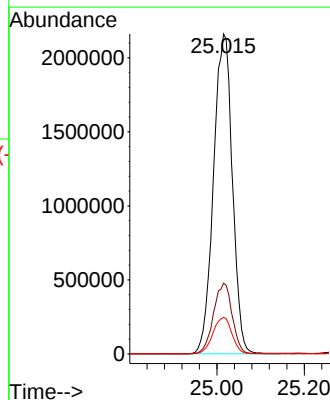
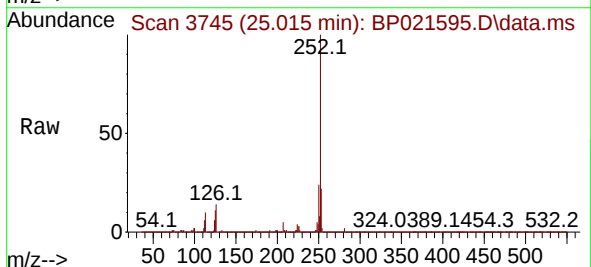
Tgt Ion:252 Resp: 6448176

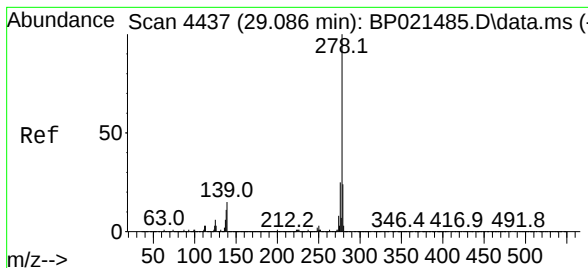
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 51.865 ng

RT: 29.203 min Scan# 4437

Delta R.T. 0.117 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD

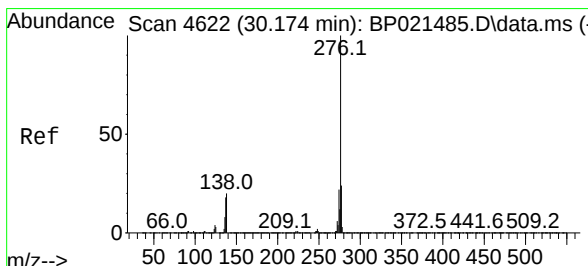
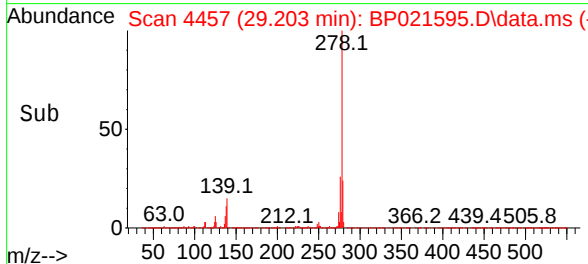
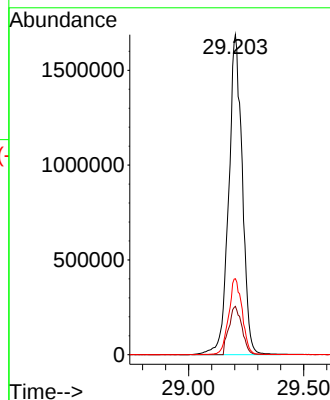
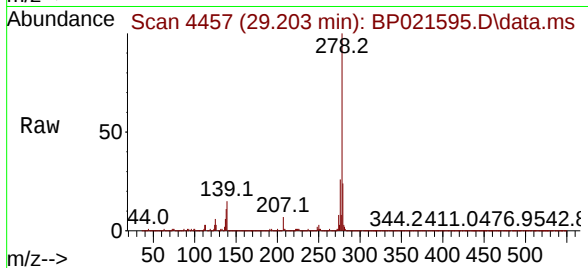
Tgt Ion:278 Resp: 6908449

Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.110 ng

RT: 30.321 min Scan# 4647

Delta R.T. 0.147 min

Lab File: BP021595.D

Acq: 21 Aug 2024 13:08

Tgt Ion:276 Resp: 6689956

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 20.4 16.0 24.0

