

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021600.D
 Acq On : 21 Aug 2024 16:42
 Operator : RC/JU
 Sample : PB162878BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162878BSD

Quant Time: Aug 21 17:34:22 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	7.799	152	381039	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1510814	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	976830	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	2177042	20.000	ng	0.00
76) Chrysene-d12	21.722	240	2366812	20.000	ng	0.02
86) Perylene-d12	25.174	264	2632836	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3343692	130.300	ng	0.00
7) Phenol-d6	6.969	99	4517197	120.670	ng	0.00
23) Nitrobenzene-d5	8.952	82	2649454	90.515	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1644681	151.281	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	5029316	78.576	ng	0.00
79) Terphenyl-d14	19.986	244	9628130	79.030	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	354946	29.171	ng	99
3) Pyridine	3.711	79	963653	28.370	ng	94
4) n-Nitrosodimethylamine	3.617	42	425644	41.690	ng	91
6) Aniline	7.122	93	959127	25.629	ng	96
8) 2-Chlorophenol	7.369	128	1158683	48.860	ng	95
9) Benzaldehyde	6.940	77	417109	17.402	ng	90
10) Phenol	6.993	94	1731947	44.679	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	1271334	38.759	ng	95
12) 1,3-Dichlorobenzene	7.693	146	1172512	41.625	ng	97
13) 1,4-Dichlorobenzene	7.834	146	1187403	41.745	ng	98
14) 1,2-Dichlorobenzene	8.152	146	1142411	41.678	ng	99
15) Benzyl Alcohol	8.034	79	1157925	43.111	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1189640	39.384	ng	96
17) 2-Methylphenol	8.234	107	1103894	45.045	ng	97
18) Hexachloroethane	8.881	117	479731	42.059	ng	99
19) n-Nitroso-di-n-propyla...	8.605	70	886359	34.277	ng	95
20) 3+4-Methylphenols	8.558	107	1522042	46.061	ng	97
22) Acetophenone	8.616	105	1761148	37.944	ng	# 99
24) Nitrobenzene	8.993	77	1374908	43.248	ng	93
25) Isophorone	9.516	82	2598291	37.574	ng	97
26) 2-Nitrophenol	9.699	139	558381	61.052	ng	95
27) 2,4-Dimethylphenol	9.763	122	863897	50.622	ng	97
28) bis(2-Chloroethoxy)met...	9.999	93	1658287	39.286	ng	99
29) 2,4-Dichlorophenol	10.234	162	1045113	51.832	ng	98
30) 1,2,4-Trichlorobenzene	10.452	180	1076721	41.651	ng	98
31) Naphthalene	10.640	128	3349770	42.442	ng	100
32) Benzoic acid	9.899	122	841574	65.445	ng	92
33) 4-Chloroaniline	10.740	127	740731	24.985	ng	97
34) Hexachlorobutadiene	10.934	225	643088	39.510	ng	97
35) Caprolactam	11.528	113	392906	46.815	ng	90
36) 4-Chloro-3-methylphenol	11.869	107	1360470	48.640	ng	97
37) 2-Methylnaphthalene	12.251	142	2263313	42.017	ng	100
38) 1-Methylnaphthalene	12.475	142	2117526	39.858	ng	98
40) 1,2,4,5-Tetrachloroben...	12.628	216	1128263	39.420	ng	99
41) Hexachlorocyclopentadiene	12.610	237	984243	108.502	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	856052	53.844	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021600.D
 Acq On : 21 Aug 2024 16:42
 Operator : RC/JU
 Sample : PB162878BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

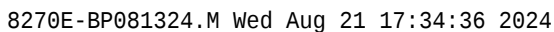
Instrument :
 BNA_P
 ClientSampleId :
 PB162878BSD

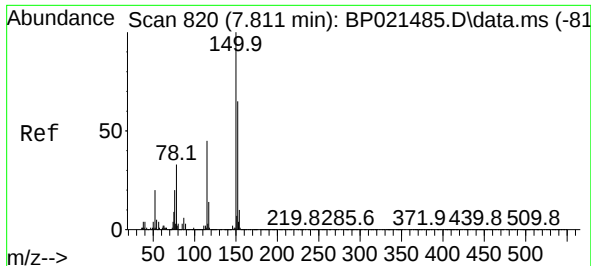
Quant Time: Aug 21 17:34:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	942710	53.369	ng	96
46) 1,1'-Biphenyl	13.269	154	2745172	39.721	ng	97
47) 2-Chloronaphthalene	13.310	162	2290229	42.565	ng	98
48) 2-Nitroaniline	13.504	65	807596	52.958	ng	88
49) Acenaphthylene	14.163	152	3773954	47.713	ng	100
50) Dimethylphthalate	13.898	163	2992401	45.743	ng	100
51) 2,6-Dinitrotoluene	14.010	165	661704	49.960	ng	94
52) Acenaphthene	14.510	154	2180298	42.011	ng	99
53) 3-Nitroaniline	14.340	138	575246	44.640	ng	# 94
54) 2,4-Dinitrophenol	14.551	184	723067	122.490	ng	# 87
55) Dibenzofuran	14.851	168	3602016	45.117	ng	99
56) 4-Nitrophenol	14.663	139	1301825	117.451	ng	# 86
57) 2,4-Dinitrotoluene	14.810	165	945035	55.431	ng	84
58) Fluorene	15.510	166	2795686	42.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	844678	56.338	ng	98
60) Diethylphthalate	15.287	149	3053254	45.489	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	1407096	41.504	ng	100
62) 4-Nitroaniline	15.522	138	724595	53.945	ng	94
63) Azobenzene	15.810	77	3304768	40.054	ng	96
65) 4,6-Dinitro-2-methylph...	15.587	198	518535	68.260	ng	98
66) n-Nitrosodiphenylamine	15.728	169	2585682	44.320	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	965373	41.898	ng	98
68) Hexachlorobenzene	16.545	284	1135270	41.694	ng	98
69) Atrazine	16.704	200	809575	40.417	ng	100
70) Pentachlorophenol	16.898	266	1551817	104.418	ng	99
71) Phenanthrene	17.304	178	4776023	45.617	ng	100
72) Anthracene	17.392	178	4763470	46.391	ng	100
73) Carbazole	17.669	167	4741405	47.915	ng	99
74) Di-n-butylphthalate	18.275	149	5660253	46.575	ng	99
75) Fluoranthene	19.386	202	6097144	47.462	ng	100
77) Benzidine	19.575	184	1191173	22.246	ng	100
78) Pyrene	19.763	202	6436660	41.608	ng	100
80) Butylbenzylphthalate	20.716	149	2964433	50.303	ng	92
81) Benzo(a)anthracene	21.698	228	6740570	45.367	ng	99
82) 3,3'-Dichlorobenzidine	21.622	252	2063647	43.319	ng	99
83) Chrysene	21.775	228	6547759	46.676	ng	100
84) Bis(2-ethylhexyl)phtha...	21.651	149	4491255	51.144	ng	100
85) Di-n-octyl phthalate	22.974	149	8168035	52.451	ng	97
87) Indeno(1,2,3-cd)pyrene	29.080	276	7313051	42.851	ng	93
88) Benzo(b)fluoranthene	24.074	252	7241236	47.889	ng	99
89) Benzo(k)fluoranthene	24.157	252	7288340	49.410	ng	100
90) Benzo(a)pyrene	25.010	252	6776841	51.645	ng	99
91) Dibenzo(a,h)anthracene	29.186	278	7099699	50.068	ng	99
92) Benzo(g,h,i)perylene	30.292	276	6819614	47.983	ng	99

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

Quant Time: Aug 21 17:34:22 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

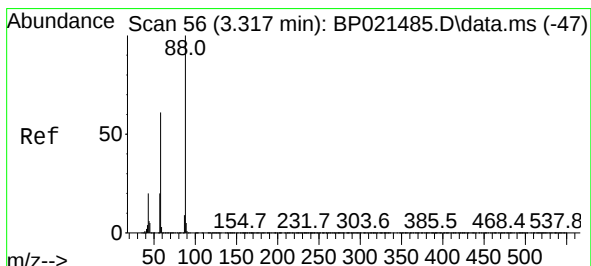
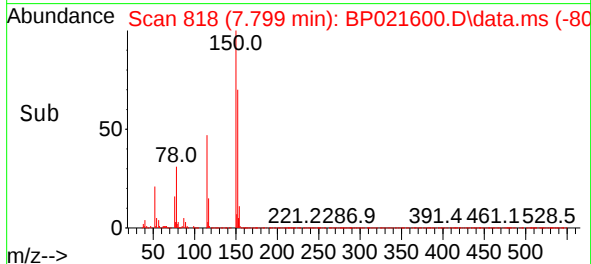
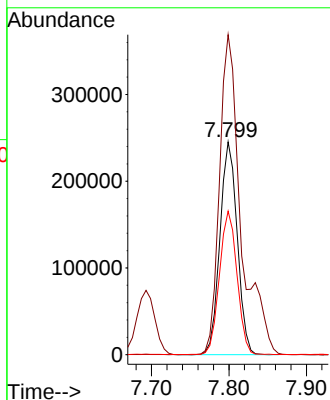
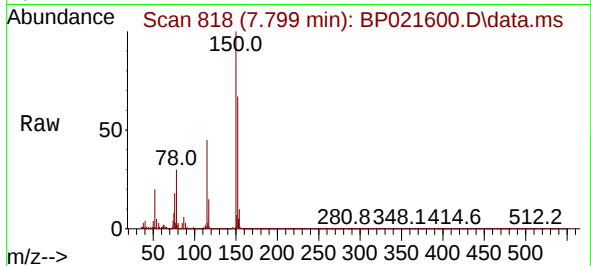




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

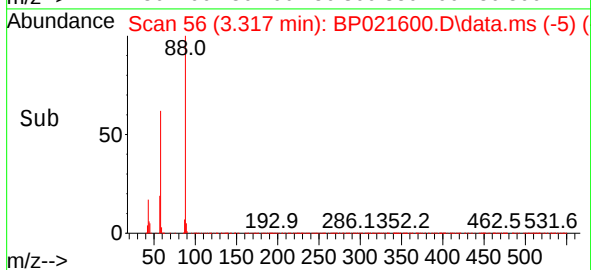
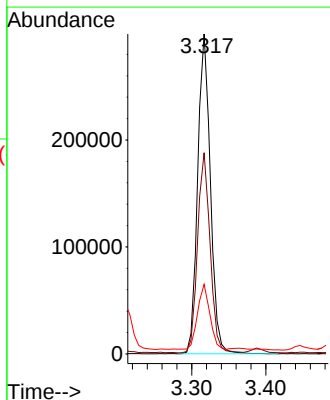
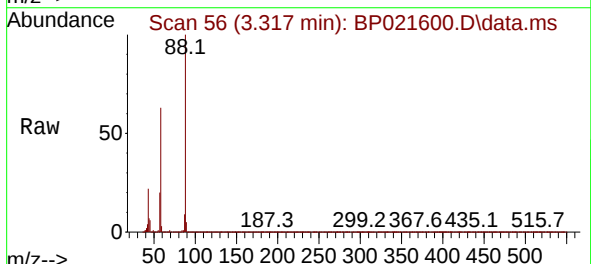
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

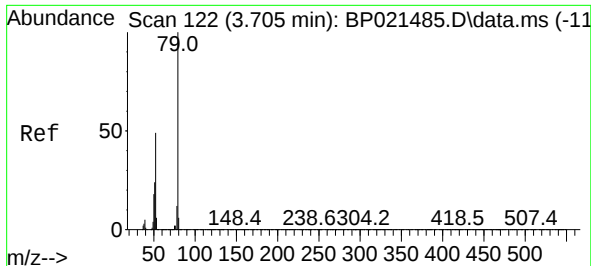
Tgt Ion:152 Resp: 381039
Ion Ratio Lower Upper
152 100
150 150.4 122.4 183.6
115 67.4 54.7 82.1



#2
1,4-Dioxane
Concen: 29.171 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 88 Resp: 354946
Ion Ratio Lower Upper
88 100
58 61.7 48.7 73.1
43 19.5 15.4 23.2

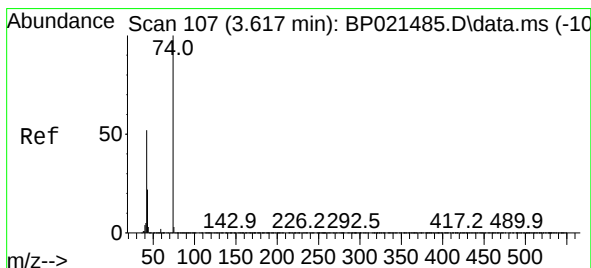
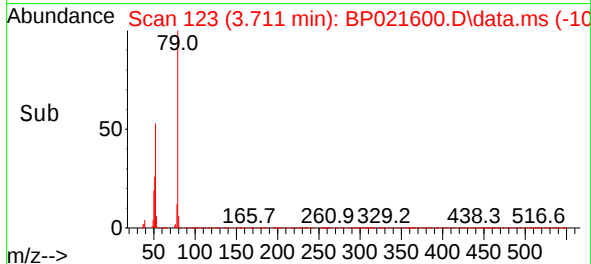
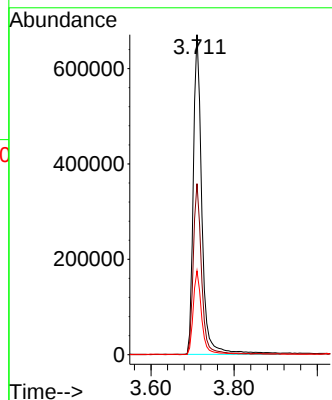
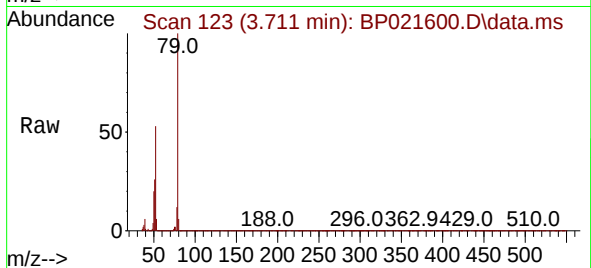




#3
Pyridine
Concen: 28.370 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

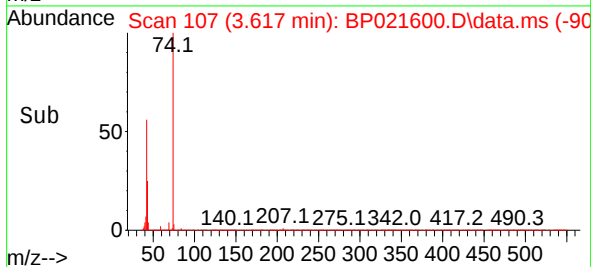
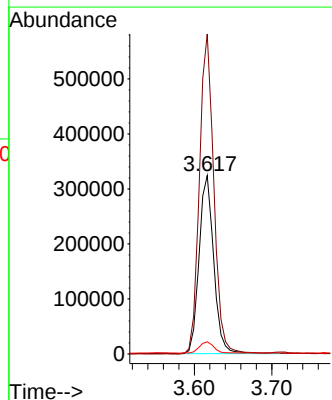
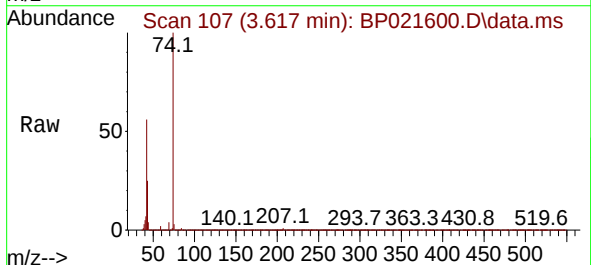
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

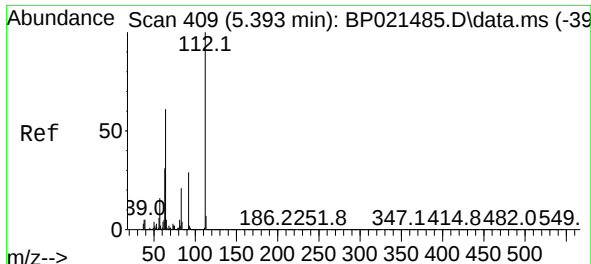
Tgt Ion: 79 Resp: 963653
Ion Ratio Lower Upper
79 100
52 53.4 39.0 58.6
51 26.2 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 41.690 ng
RT: 3.617 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 42 Resp: 425644
Ion Ratio Lower Upper
42 100
74 179.4 154.3 231.5
44 6.9 6.2 9.4

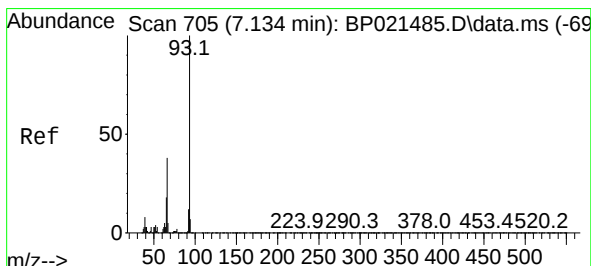
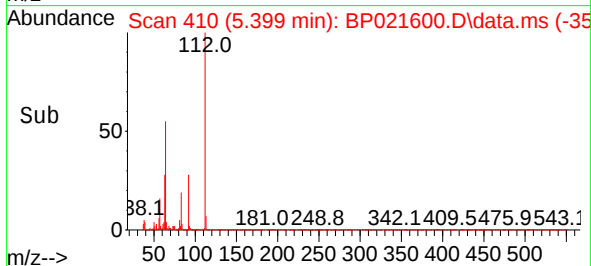
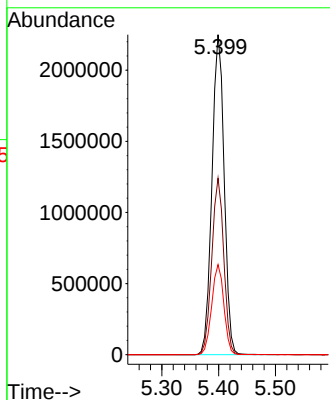
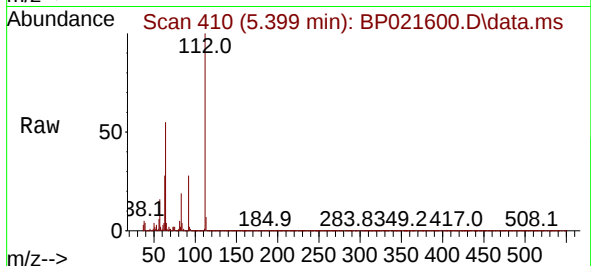




#5
2-Fluorophenol
Concen: 130.300 ng
RT: 5.399 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

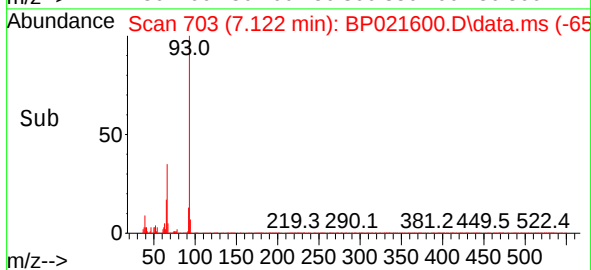
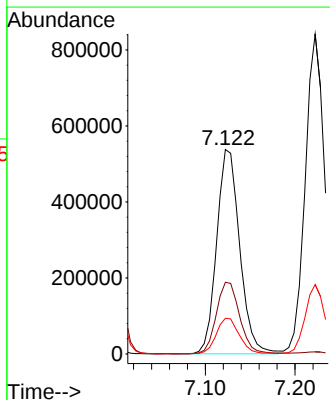
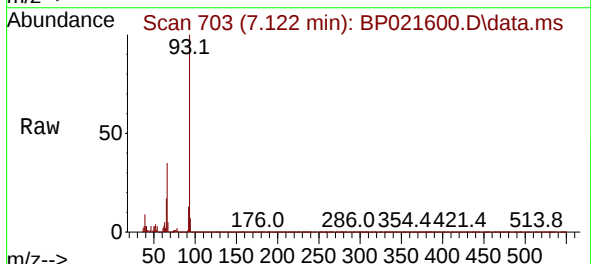
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

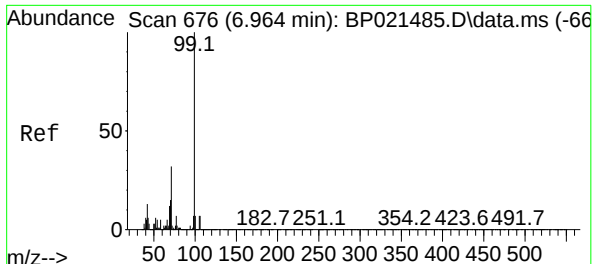
Tgt Ion:112 Resp: 3343692
Ion Ratio Lower Upper
112 100
64 55.1 49.0 73.6
63 28.2 24.6 36.8



#6
Aniline
Concen: 25.629 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 93 Resp: 959127
Ion Ratio Lower Upper
93 100
66 35.1 30.2 45.2
65 17.4 14.7 22.1

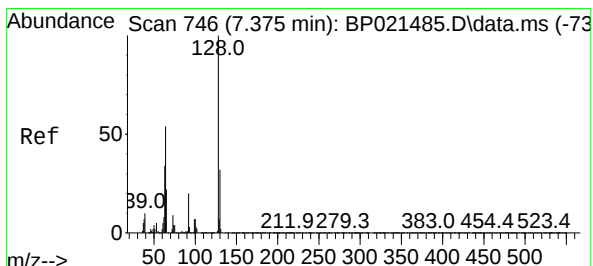
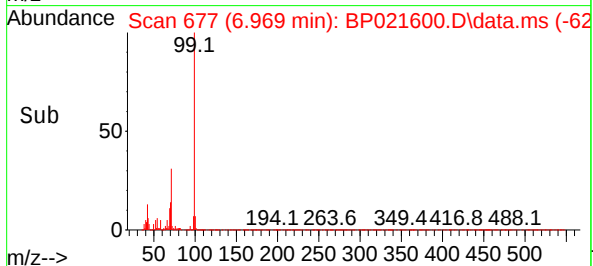
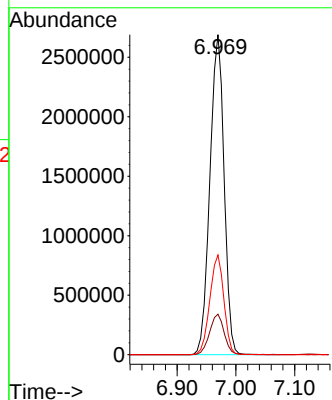
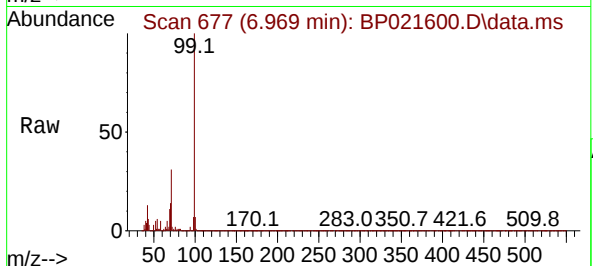




#7
Phenol-d6
Concen: 120.670 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

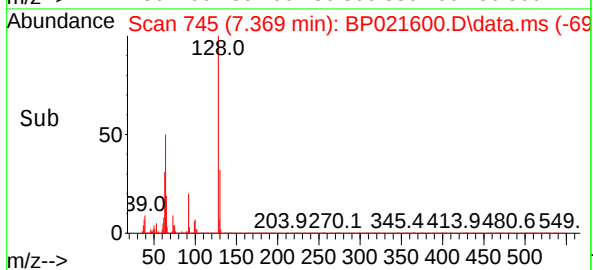
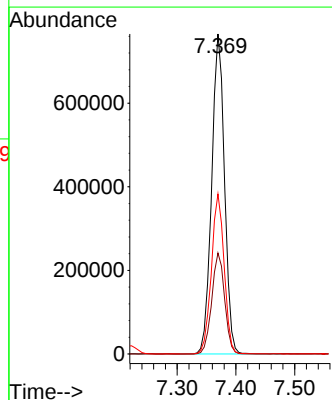
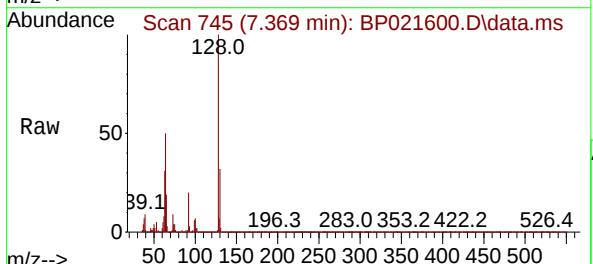
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

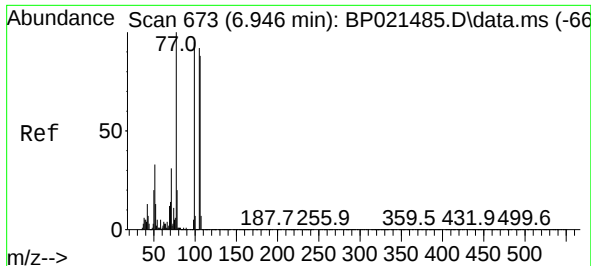
Tgt Ion: 99 Resp: 4517197
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.1 25.8 38.8



#8
2-Chlorophenol
Concen: 48.860 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 128 Resp: 1158683
Ion Ratio Lower Upper
128 100
130 31.6 11.6 51.6
64 50.0 35.3 75.3

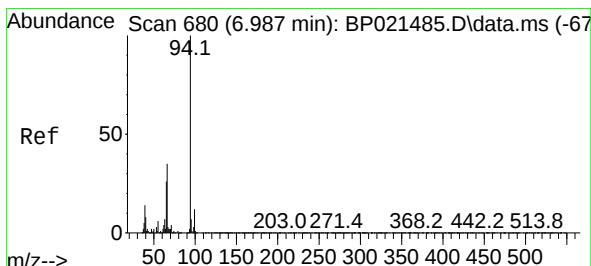
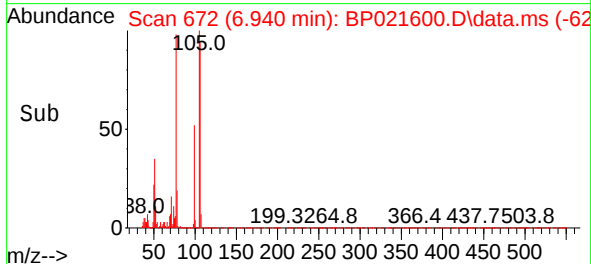
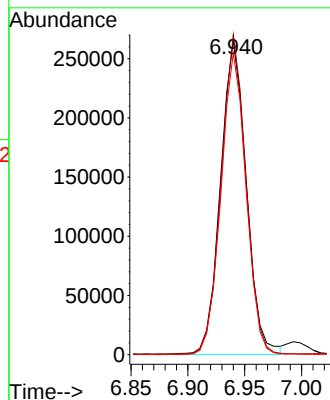
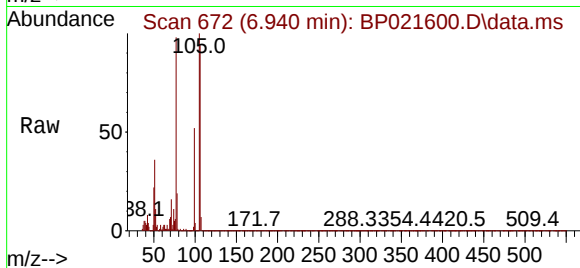




#9
Benzaldehyde
Concen: 17.402 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

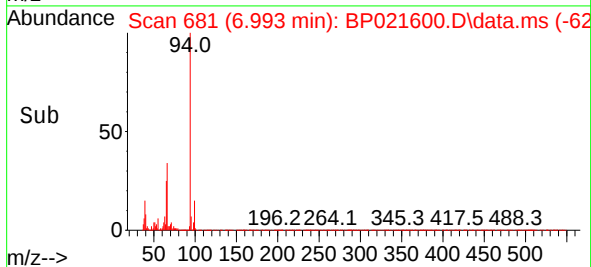
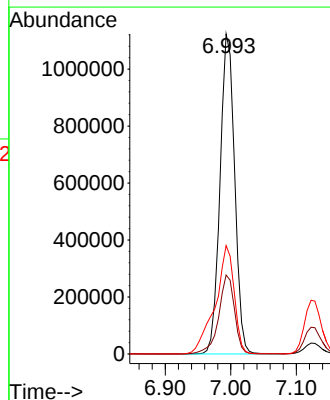
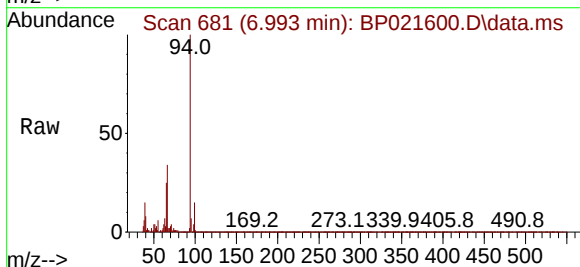
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

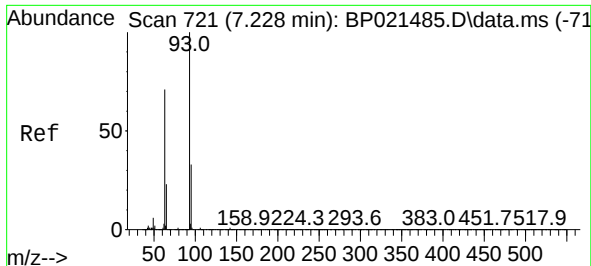
Tgt Ion: 77 Resp: 417109
Ion Ratio Lower Upper
77 100
105 102.0 72.1 112.1
106 96.1 67.9 107.9



#10
Phenol
Concen: 44.679 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 94 Resp: 1731947
Ion Ratio Lower Upper
94 100
65 24.7 6.5 46.5
66 33.8 14.7 54.7

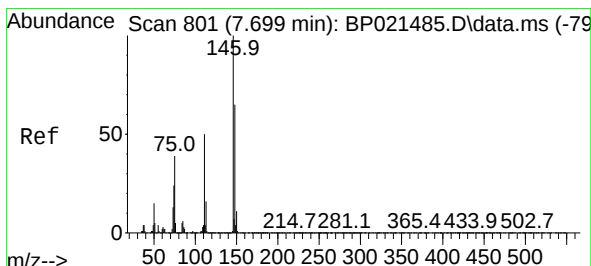
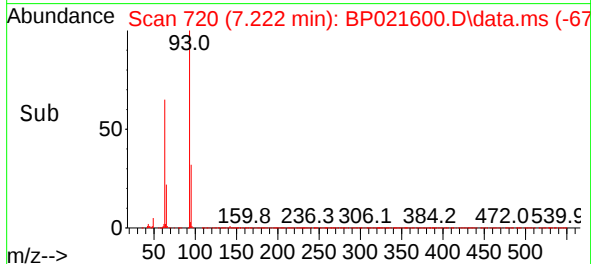
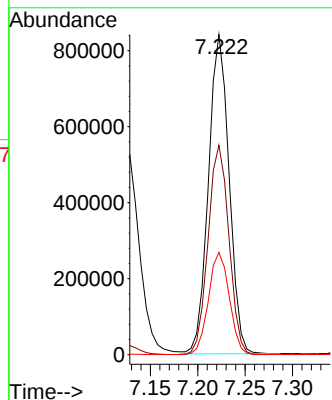
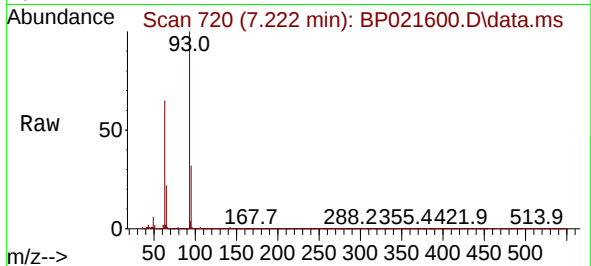




#11
bis(2-Chloroethyl)ether
Concen: 38.759 ng
RT: 7.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

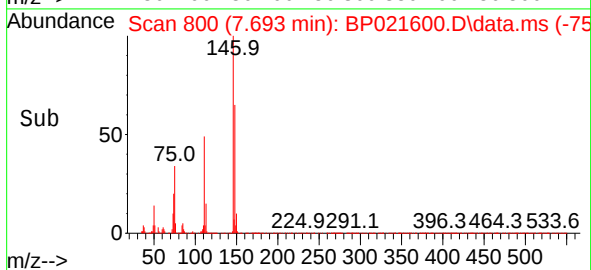
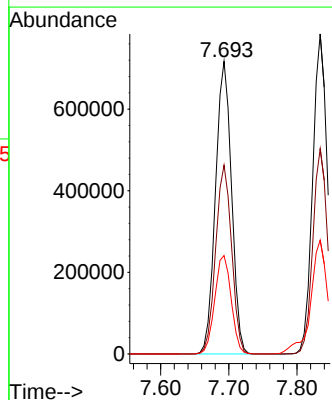
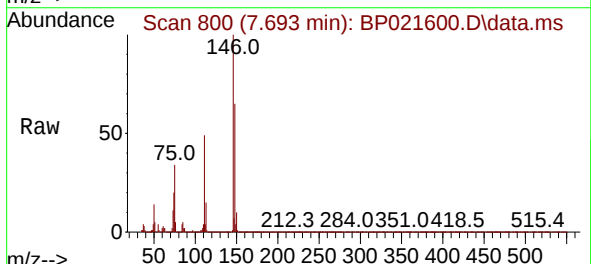
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

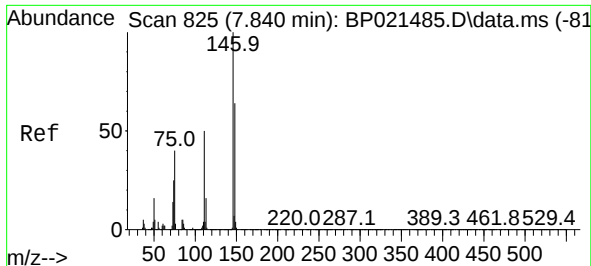
Tgt Ion: 93 Resp: 1271334
Ion Ratio Lower Upper
93 100
63 65.5 51.0 91.0
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.625 ng
RT: 7.693 min Scan# 800
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:146 Resp: 1172512
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 33.6 31.3 46.9

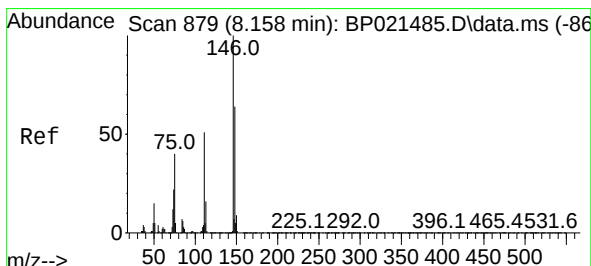
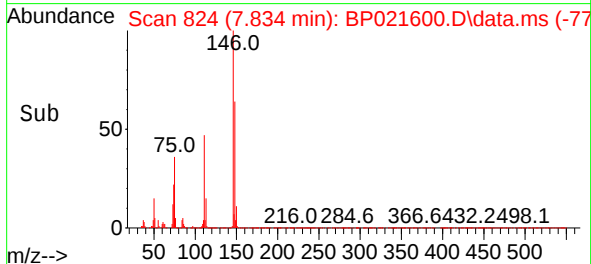
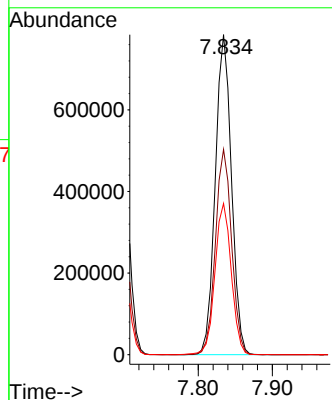
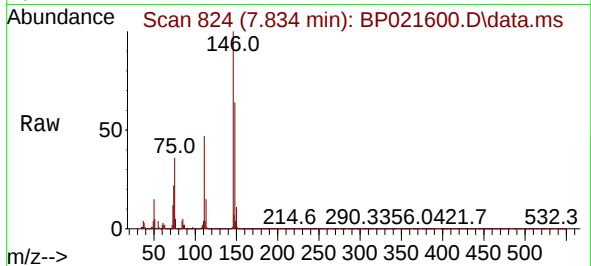




#13
1,4-Dichlorobenzene
Concen: 41.745 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

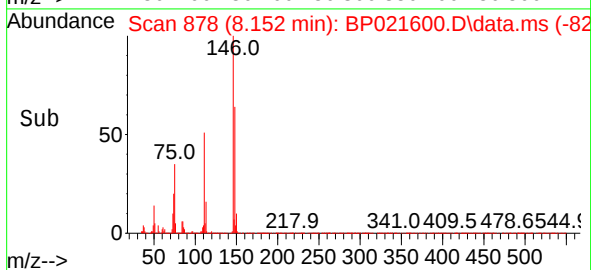
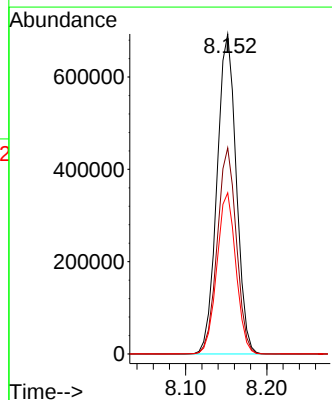
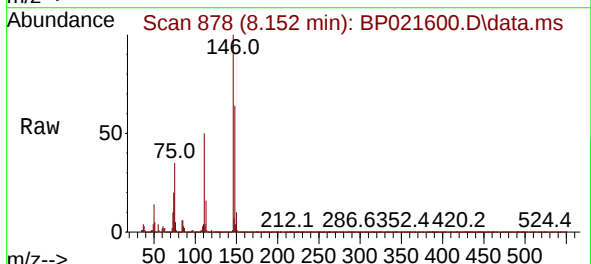
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

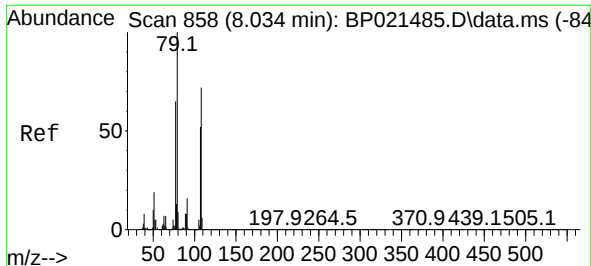
Tgt Ion:146 Resp: 1187403
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 47.3 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 41.678 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:146 Resp: 1142411
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 50.3 41.1 61.7

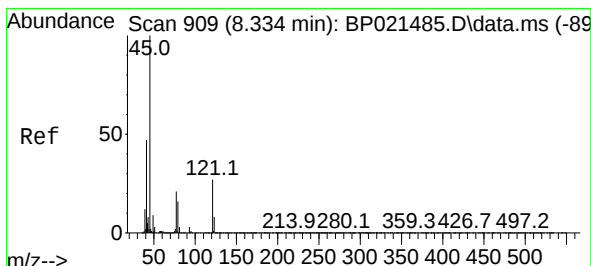
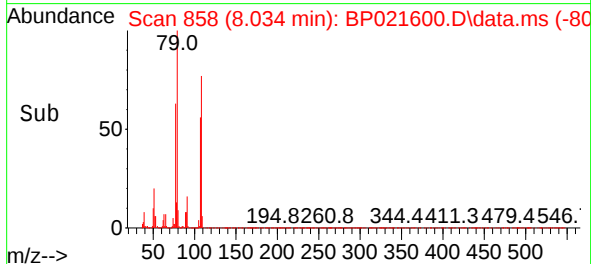
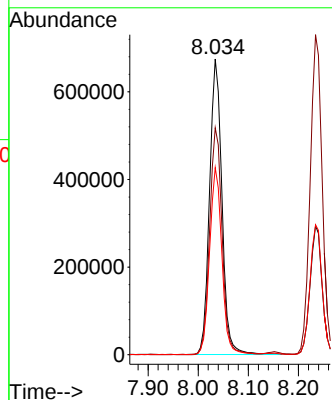
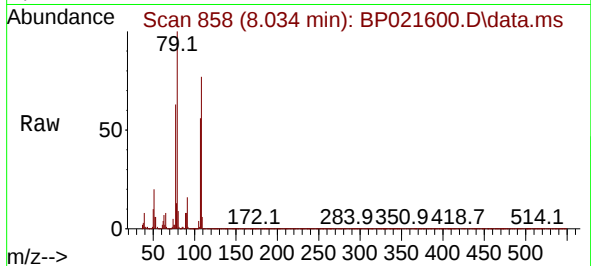




#15
Benzyl Alcohol
Concen: 43.111 ng
RT: 8.034 min Scan# 858
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

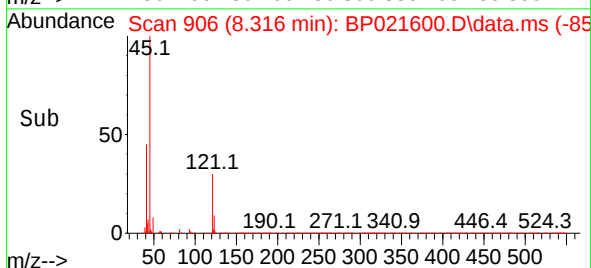
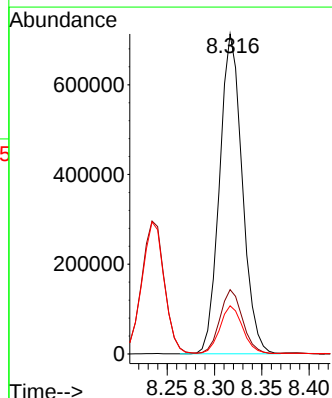
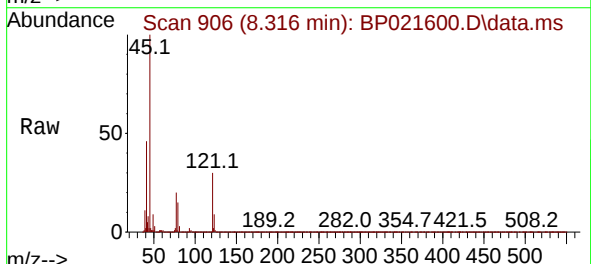
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

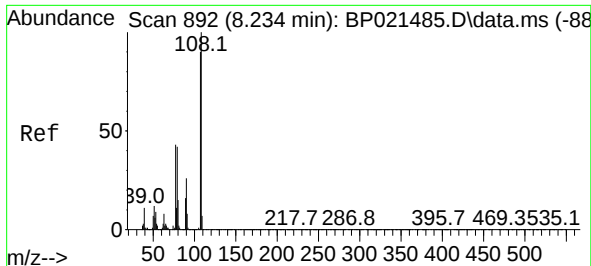
Tgt Ion: 79 Resp: 1157925
Ion Ratio Lower Upper
79 100
108 76.8 57.9 86.9
77 63.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.384 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.018 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 45 Resp: 1189640
Ion Ratio Lower Upper
45 100
77 20.1 1.9 41.9
79 15.0 0.0 36.6



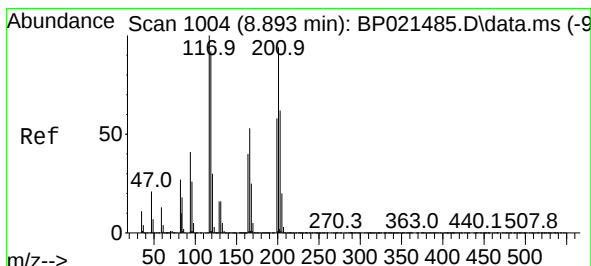
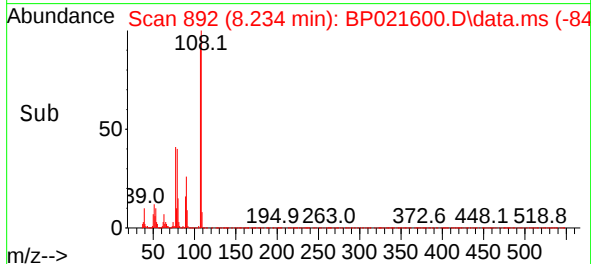
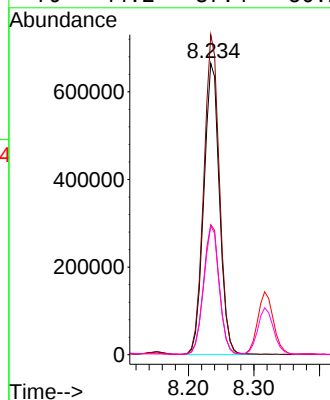
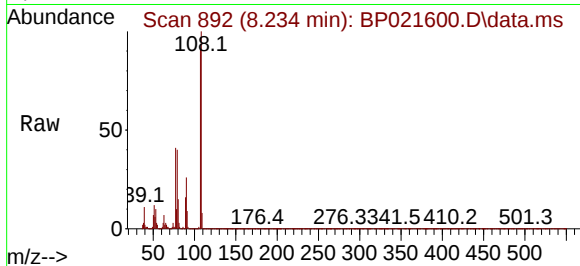


#17
2-Methylphenol
Concen: 45.045 ng
RT: 8.234 min Scan# 892
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Instrument :
BNA_P
ClientSampleId :
PB162878BSD

Tgt Ion:107 Resp: 1103894

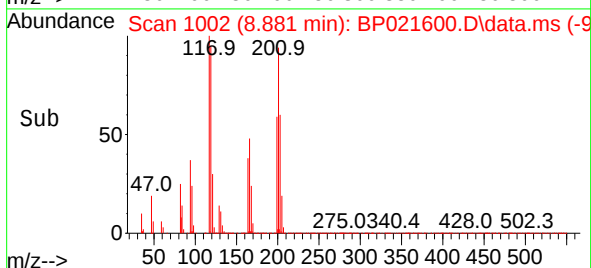
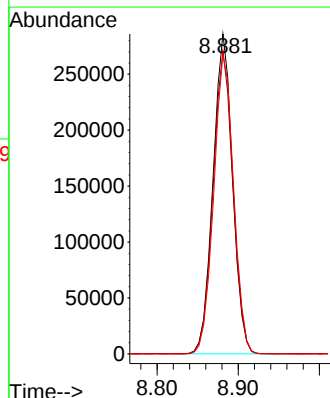
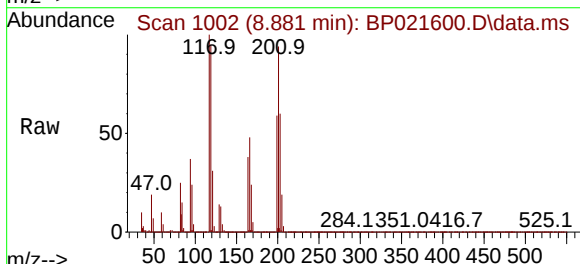
Ion	Ratio	Lower	Upper
107	100		
108	109.8	88.8	133.2
77	44.6	38.7	58.1
79	44.2	37.4	56.2

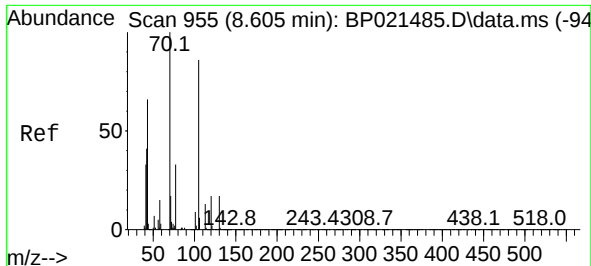


#18
Hexachloroethane
Concen: 42.059 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:117 Resp: 479731

Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.9	110.9
201	93.7	74.9	112.3



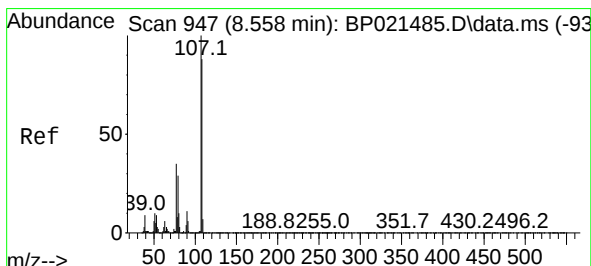
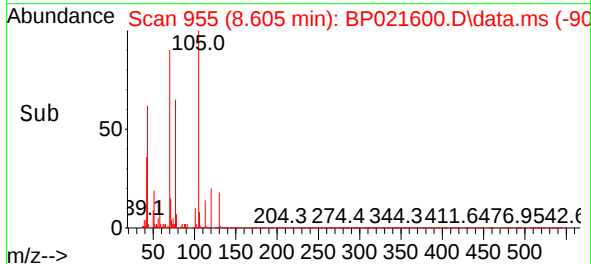
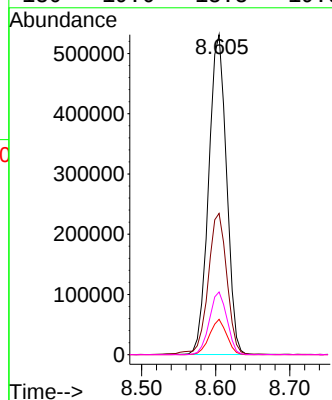
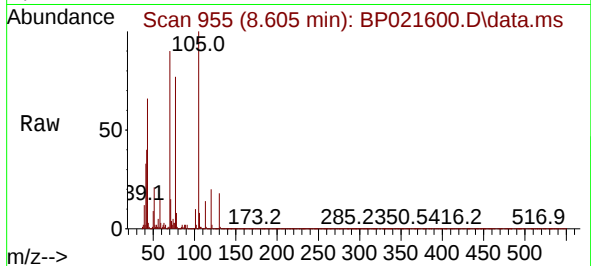


#19
n-Nitroso-di-n-propylamine
Concen: 34.277 ng
RT: 8.605 min Scan# 955
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Instrument :
BNA_P
ClientSampleId :
PB162878BSD

Tgt Ion: 70 Resp: 886359

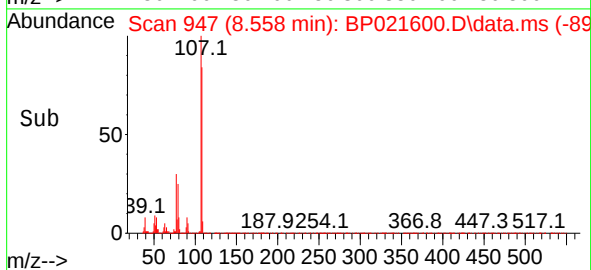
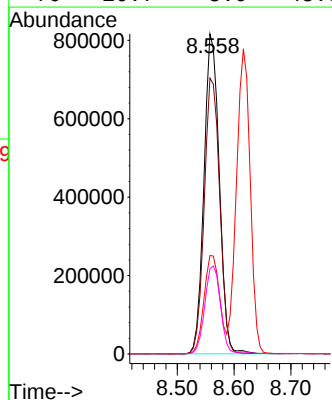
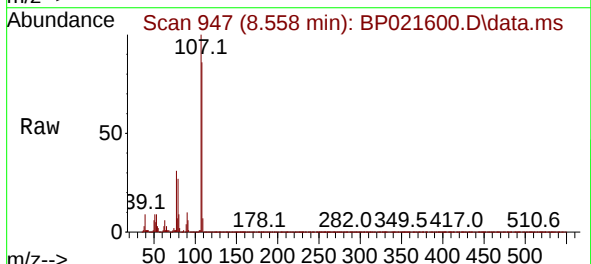
Ion	Ratio	Lower	Upper
70	100		
42	44.1	33.1	49.7
101	11.1	7.4	11.2
130	19.6	13.3	19.9

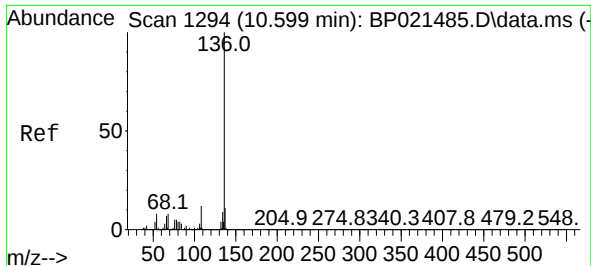


#20
3+4-Methylphenols
Concen: 46.061 ng
RT: 8.558 min Scan# 947
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 107 Resp: 1522042

Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.6	107.6
77	30.8	15.0	55.0
79	26.7	8.9	48.9

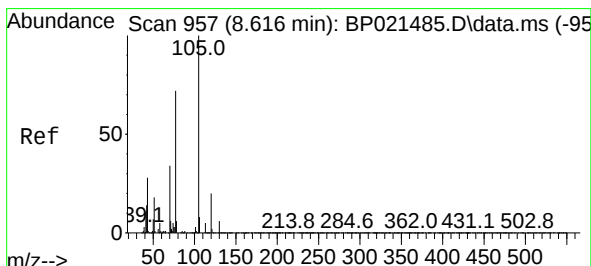
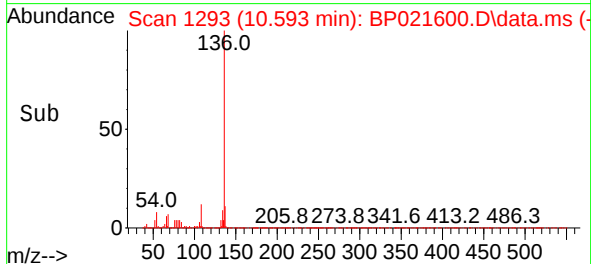
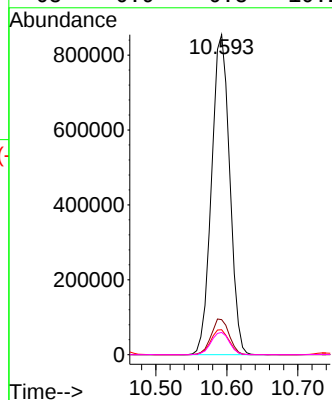
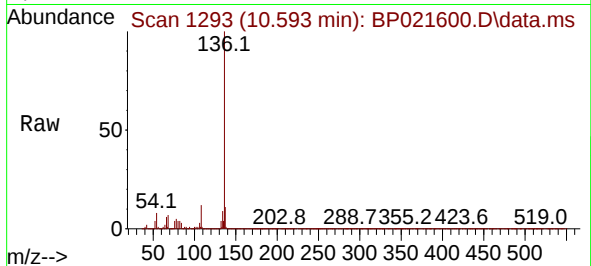




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

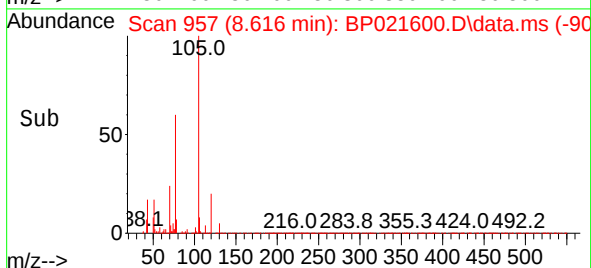
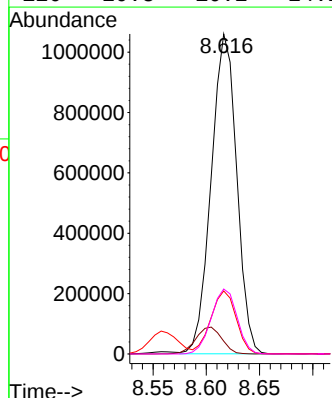
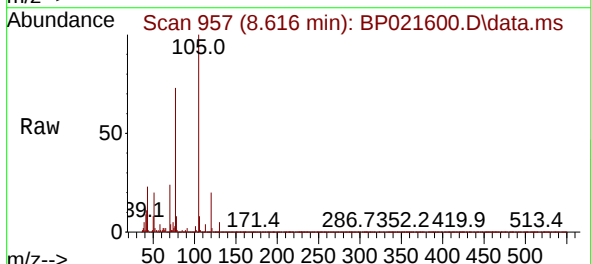
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

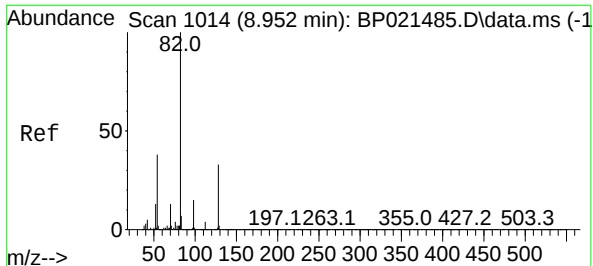
Tgt Ion:136 Resp: 1510814
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.3 9.5
68 6.9 6.8 10.2



#22
Acetophenone
Concen: 37.944 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:105 Resp: 1761148
Ion Ratio Lower Upper
105 100
71 4.0 4.6 7.0#
51 19.7 16.3 24.5
120 20.3 16.2 24.2

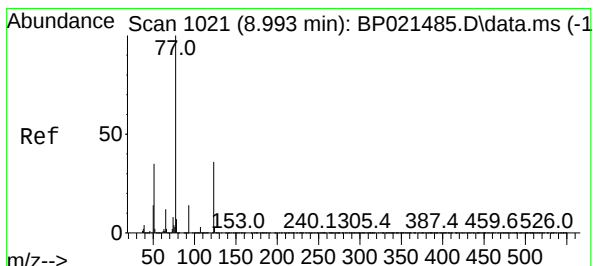
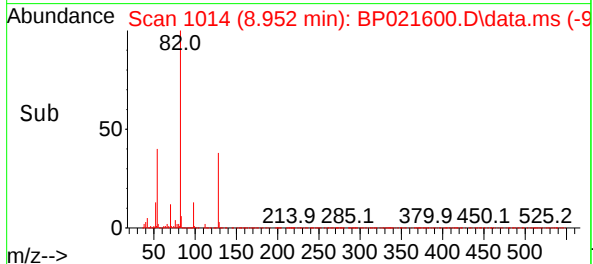
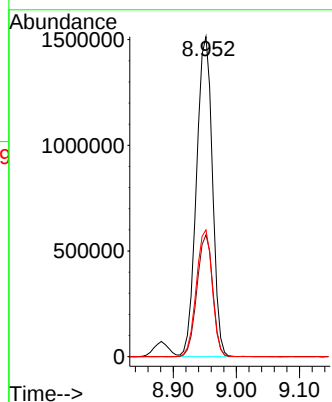
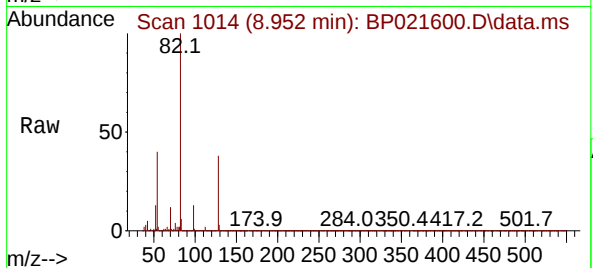




#23
Nitrobenzene-d5
Concen: 90.515 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

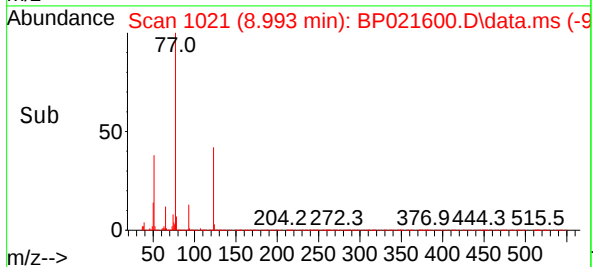
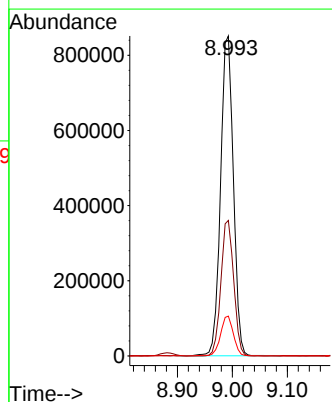
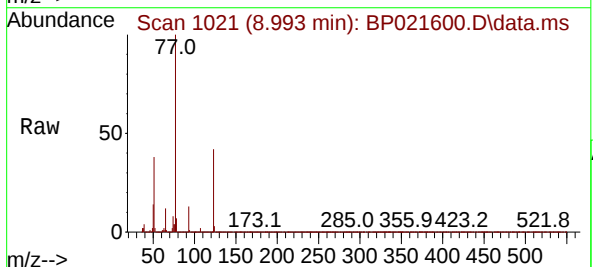
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

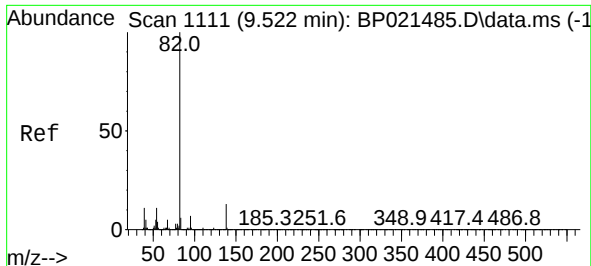
Tgt Ion: 82 Resp: 2649454
Ion Ratio Lower Upper
82 100
128 38.0 26.5 39.7
54 39.7 30.3 45.5



#24
Nitrobenzene
Concen: 43.248 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 77 Resp: 1374908
Ion Ratio Lower Upper
77 100
123 42.3 29.5 44.3
65 12.4 9.9 14.9

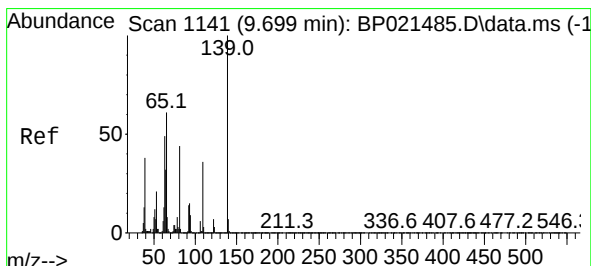
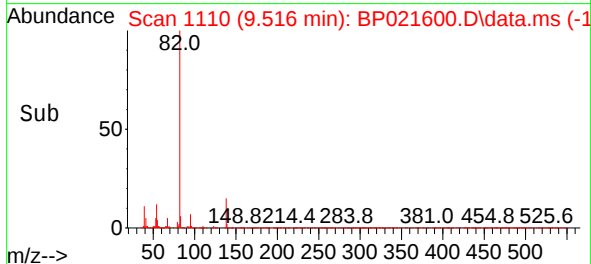
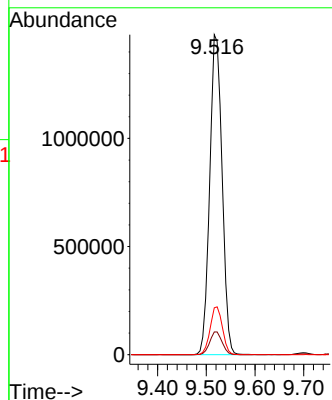
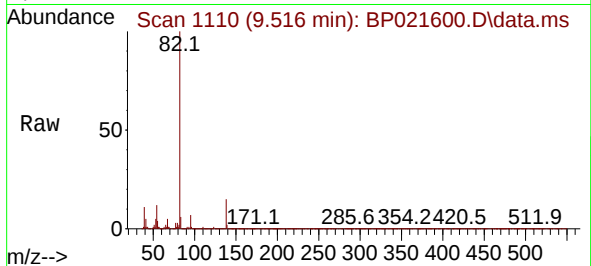




#25
Isophorone
Concen: 37.574 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

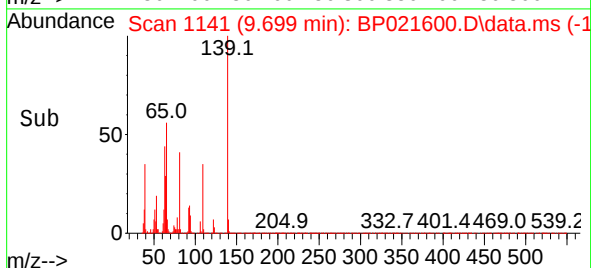
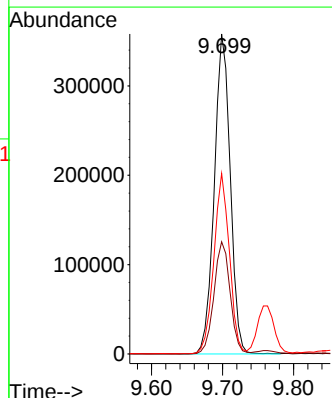
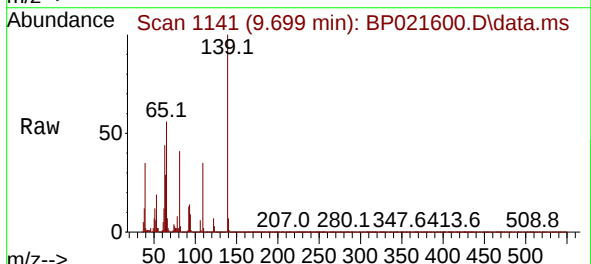
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

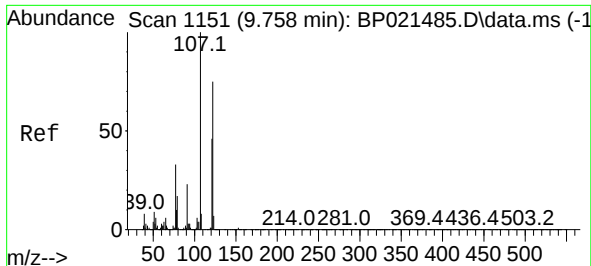
Tgt Ion: 82 Resp: 2598291
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 14.7 10.6 16.0



#26
2-Nitrophenol
Concen: 61.052 ng
RT: 9.699 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:139 Resp: 558381
Ion Ratio Lower Upper
139 100
109 35.0 28.9 43.3
65 56.4 49.0 73.6

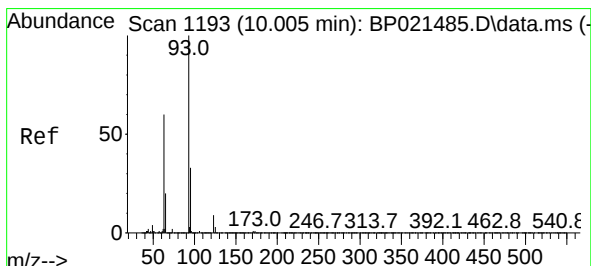
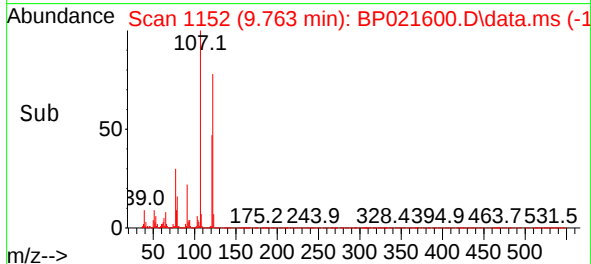
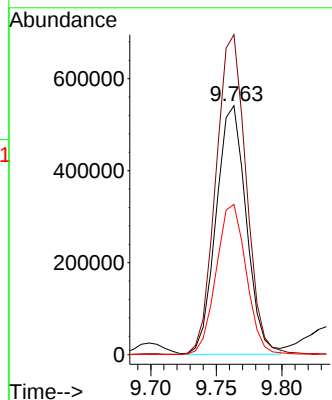
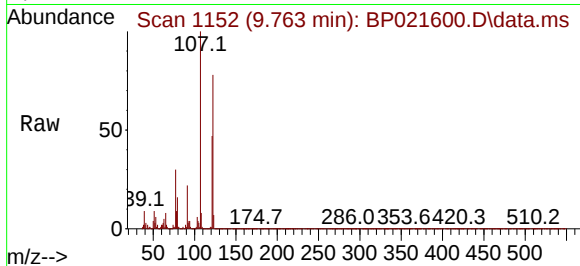




#27
2,4-Dimethylphenol
Concen: 50.622 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

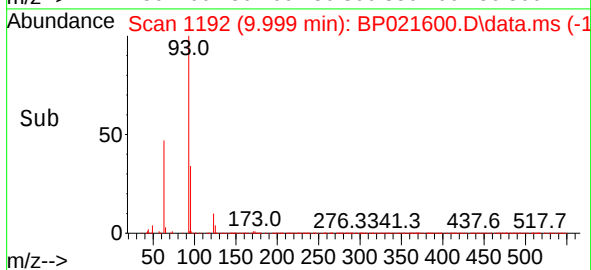
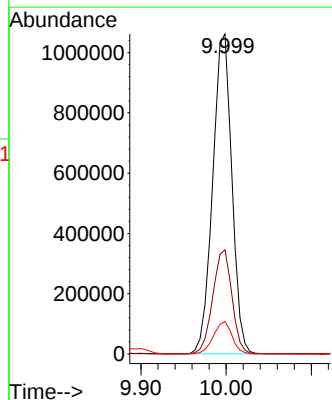
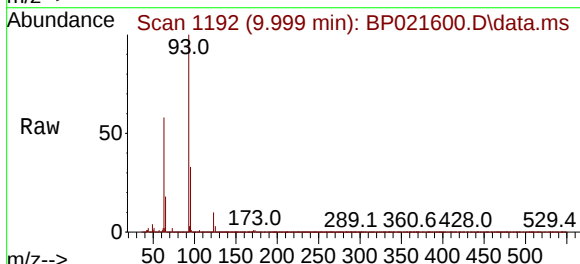
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

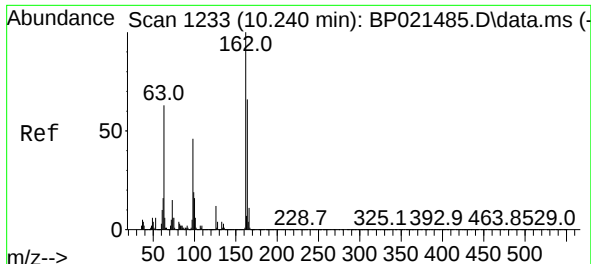
Tgt Ion:122 Resp: 863897
Ion Ratio Lower Upper
122 100
107 128.5 106.2 159.4
121 60.3 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.286 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 93 Resp: 1658287
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.4
123 10.2 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 51.832 ng

RT: 10.234 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

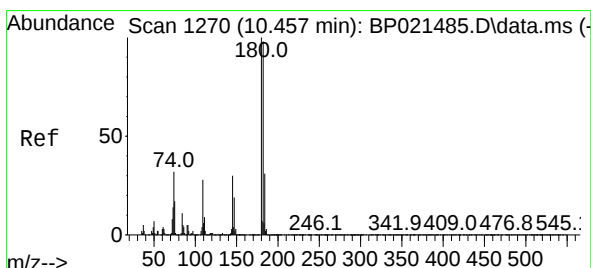
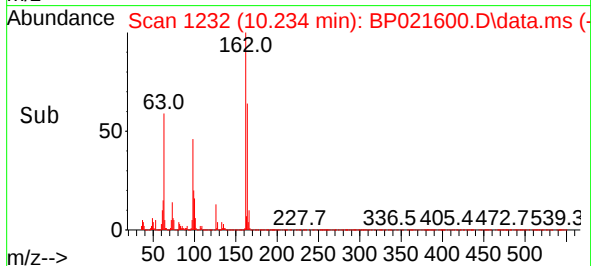
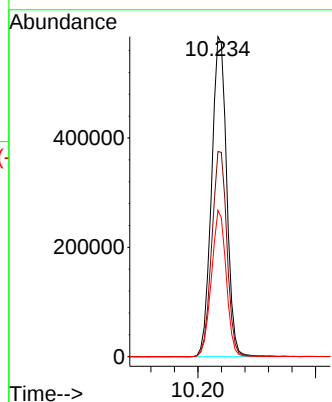
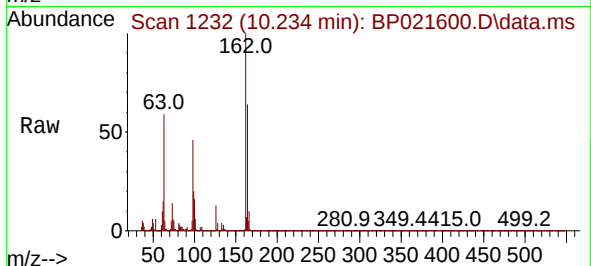
Tgt Ion:162 Resp: 1045113

Ion Ratio Lower Upper

162 100

164 64.1 45.9 85.9

98 45.7 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 41.651 ng

RT: 10.452 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

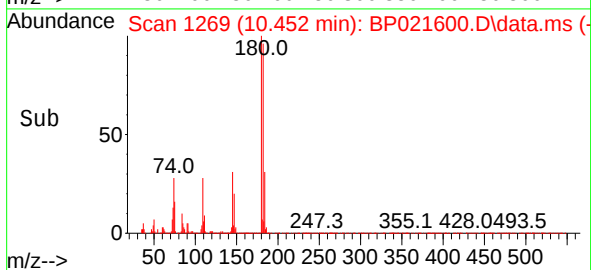
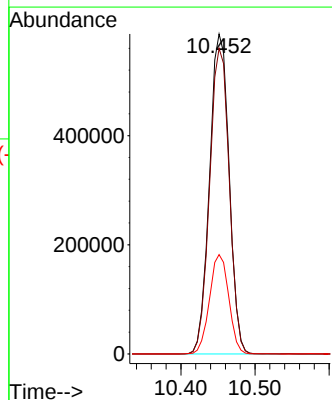
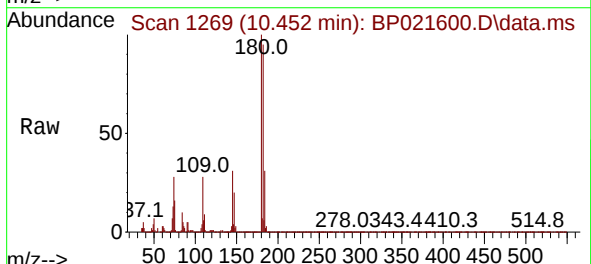
Tgt Ion:180 Resp: 1076721

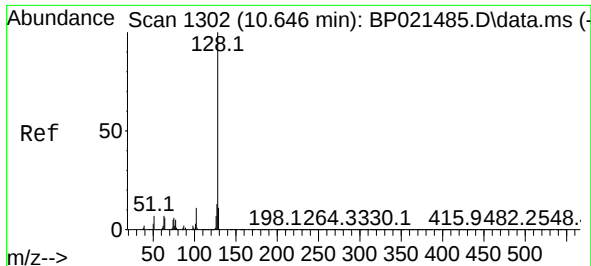
Ion Ratio Lower Upper

180 100

182 95.5 78.3 117.5

145 31.1 24.0 36.0

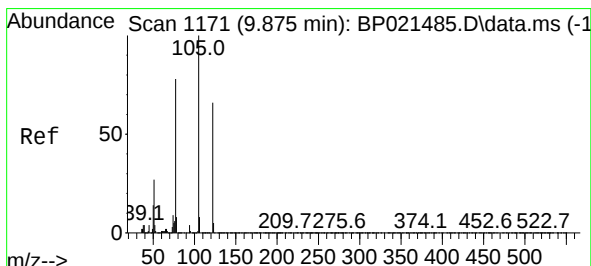
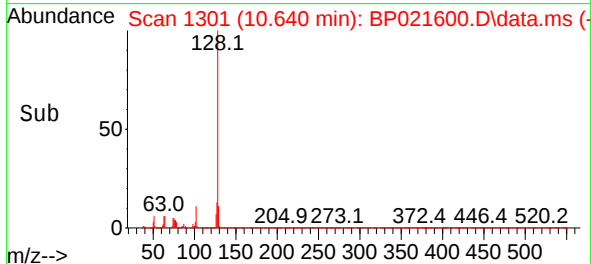
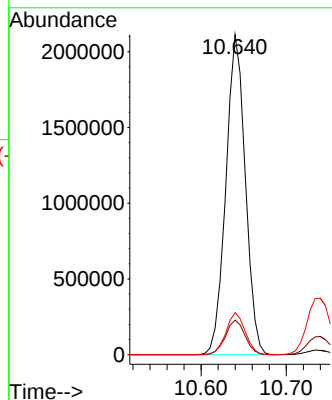
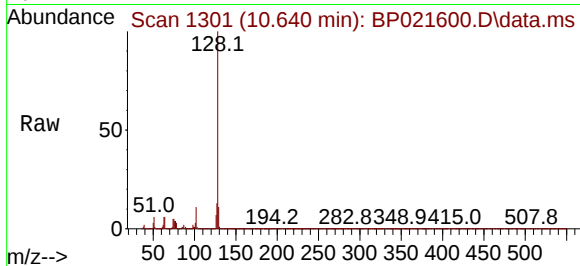




#31
Naphthalene
Concen: 42.442 ng
RT: 10.640 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

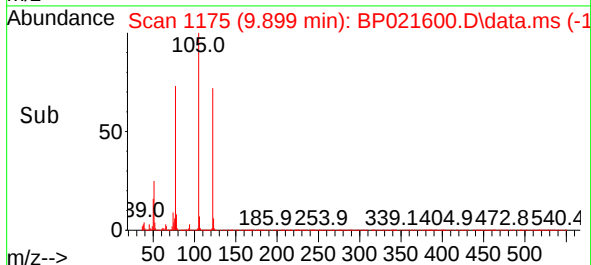
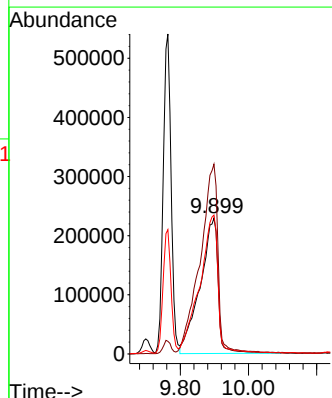
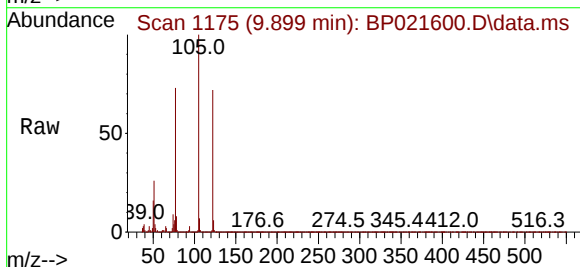
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

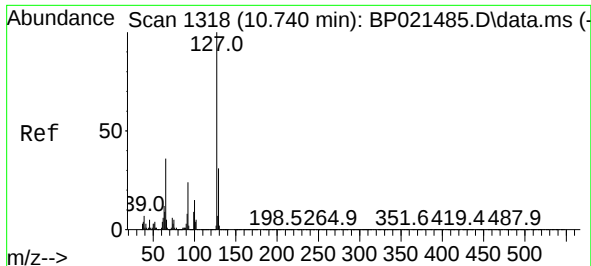
Tgt Ion:128 Resp: 3349770
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 65.445 ng
RT: 9.899 min Scan# 1175
Delta R.T. 0.024 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:122 Resp: 841574
Ion Ratio Lower Upper
122 100
105 139.7 124.6 164.6
77 102.2 96.2 136.2





#33

4-Chloroaniline

Concen: 24.985 ng

RT: 10.740 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

Tgt Ion:127 Resp: 740731

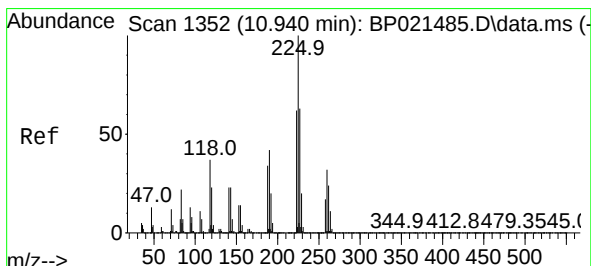
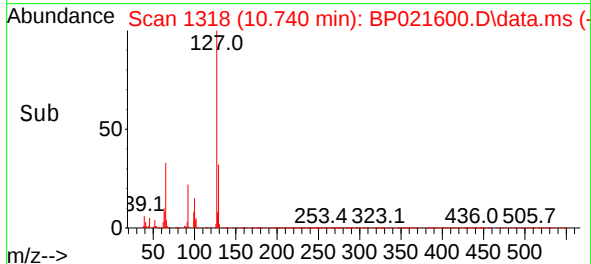
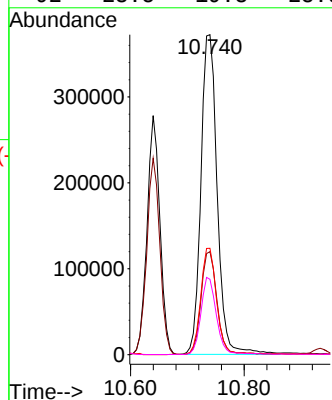
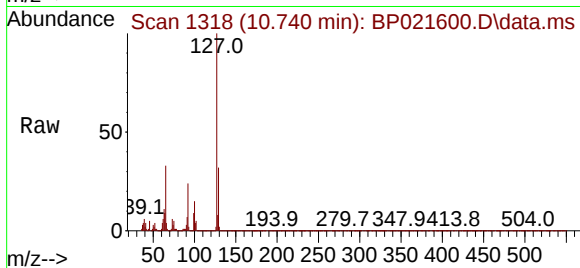
Ion Ratio Lower Upper

127 100

129 32.2 24.5 36.7

65 33.3 28.9 43.3

92 23.5 19.3 28.9



#34

Hexachlorobutadiene

Concen: 39.510 ng

RT: 10.934 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

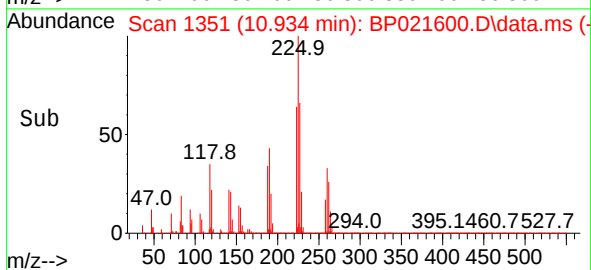
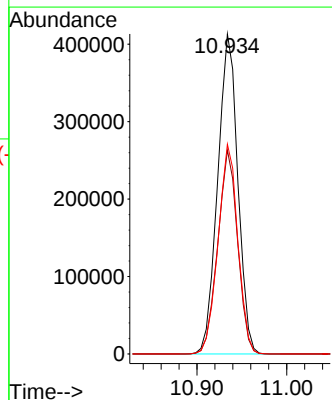
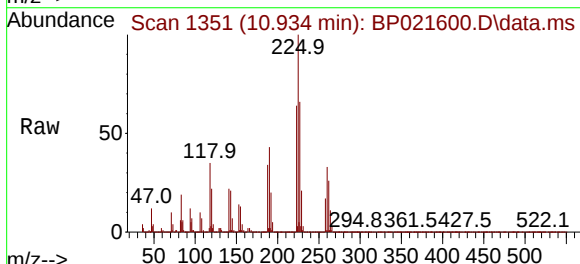
Tgt Ion:225 Resp: 643088

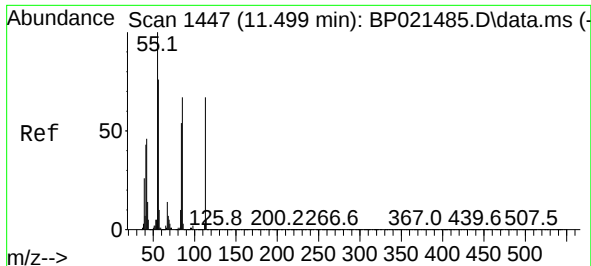
Ion Ratio Lower Upper

225 100

223 63.7 49.6 74.4

227 65.5 50.1 75.1





#35

Caprolactam

Concen: 46.815 ng

RT: 11.528 min Scan# 1447

Delta R.T. 0.029 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

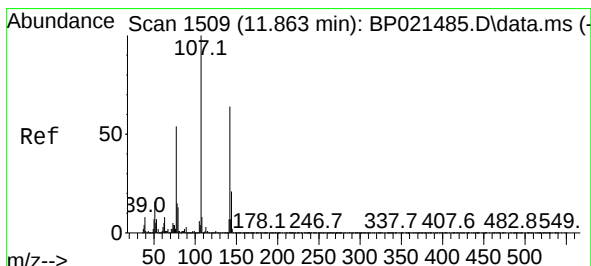
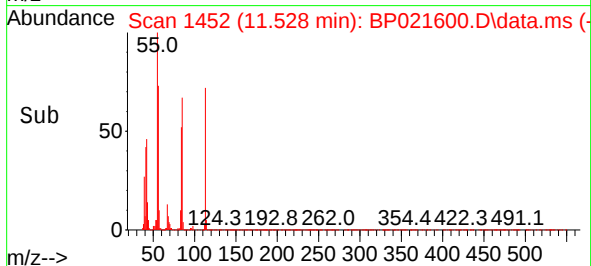
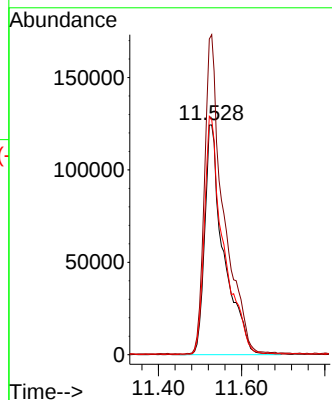
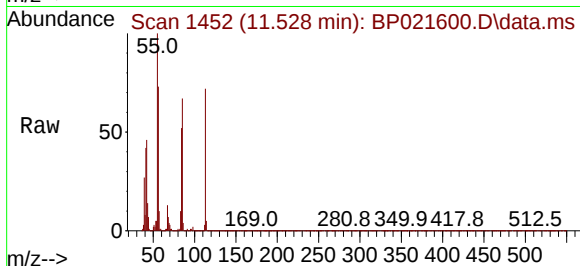
Tgt Ion:113 Resp: 392906

Ion Ratio Lower Upper

113 100

55 139.3 130.6 170.6

56 102.3 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 48.640 ng

RT: 11.869 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

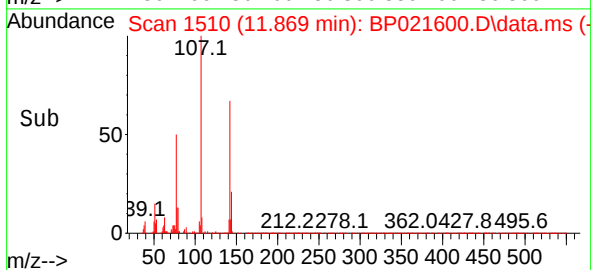
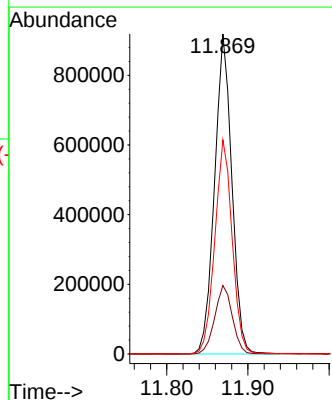
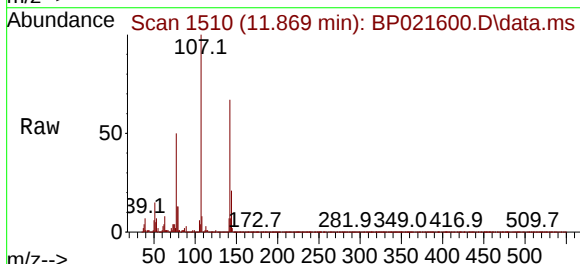
Tgt Ion:107 Resp: 1360470

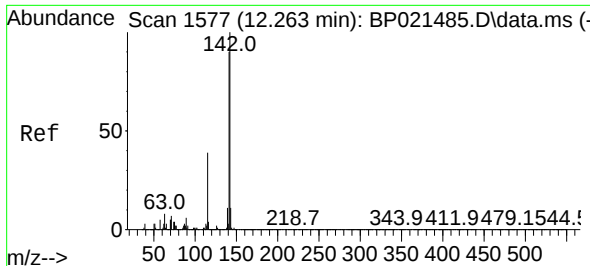
Ion Ratio Lower Upper

107 100

144 21.4 16.6 24.8

142 66.9 51.0 76.4

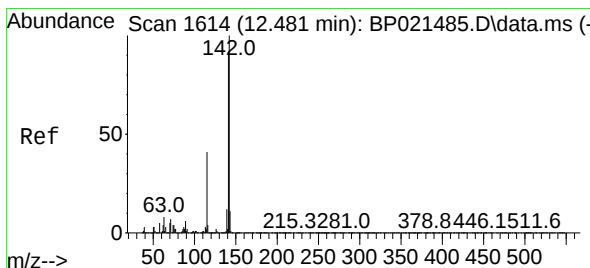
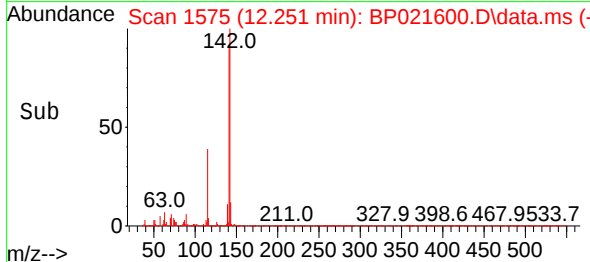
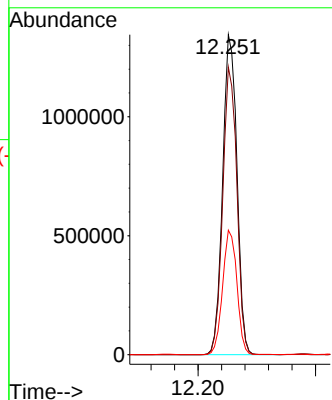
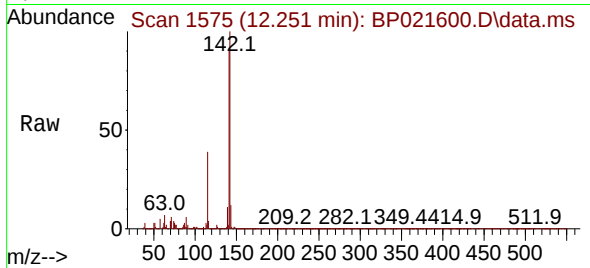




#37
2-Methylnaphthalene
Concen: 42.017 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

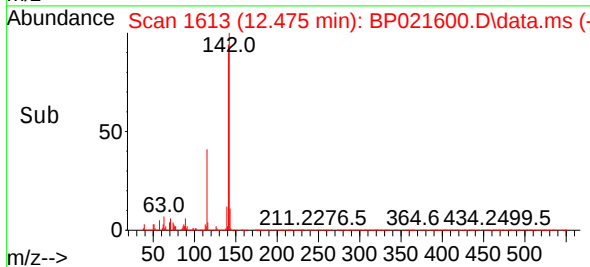
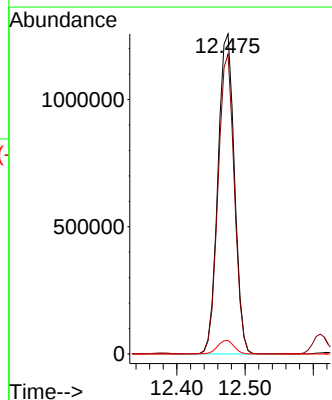
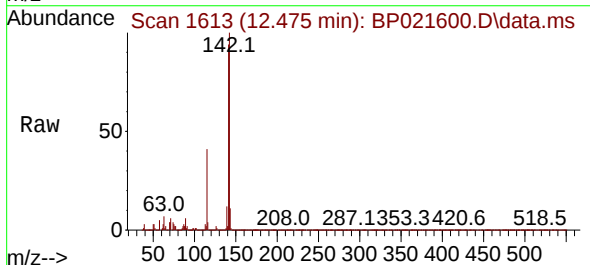
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

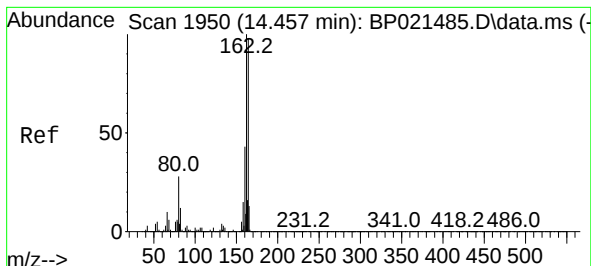
Tgt Ion:142 Resp: 2263313
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 38.9 31.4 47.2



#38
1-Methylnaphthalene
Concen: 39.858 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:142 Resp: 2117526
Ion Ratio Lower Upper
142 100
141 93.7 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

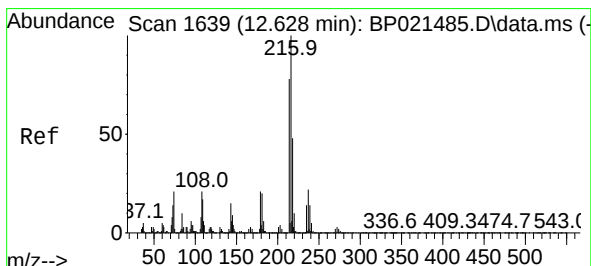
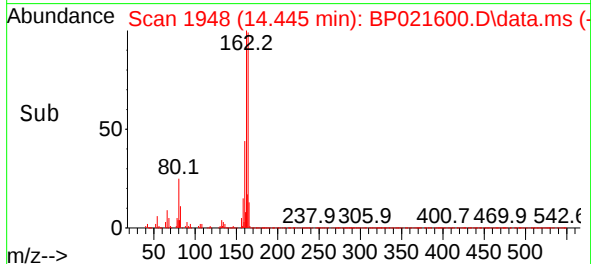
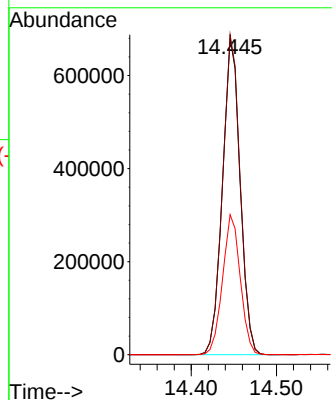
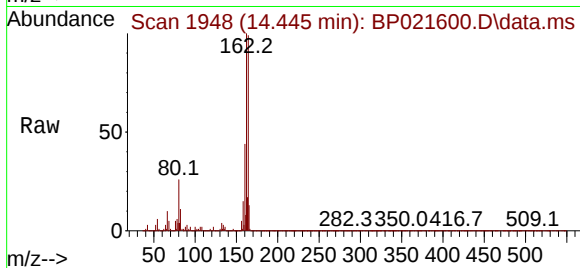
Tgt Ion:164 Resp: 976830

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 44.2 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.420 ng

RT: 12.628 min Scan# 1639

Delta R.T. -0.000 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Tgt Ion:216 Resp: 1128263

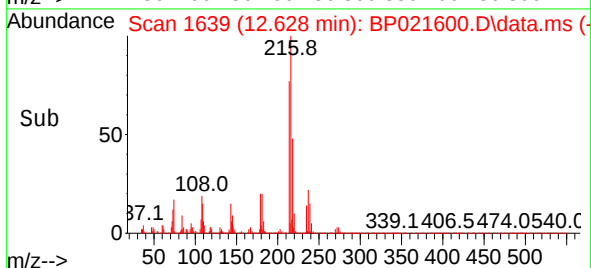
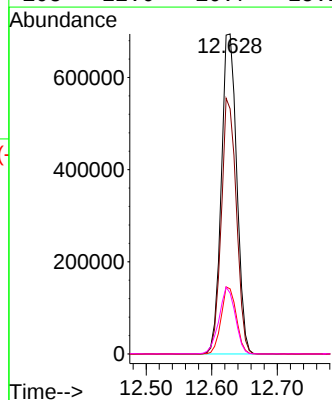
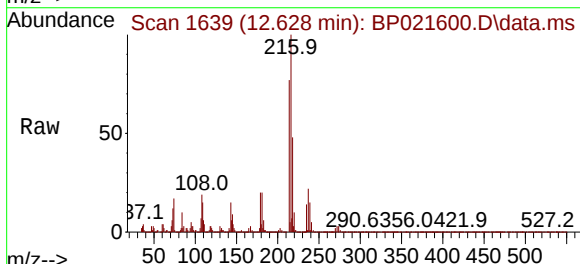
Ion Ratio Lower Upper

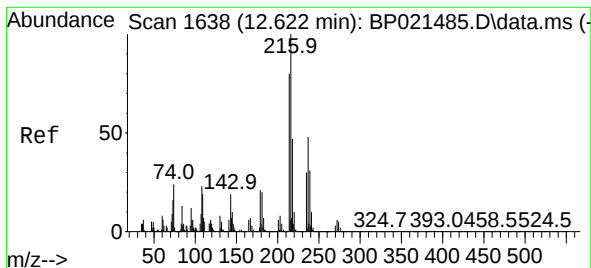
216 100

214 78.0 62.5 93.7

179 20.6 16.4 24.6

108 22.0 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 108.502 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

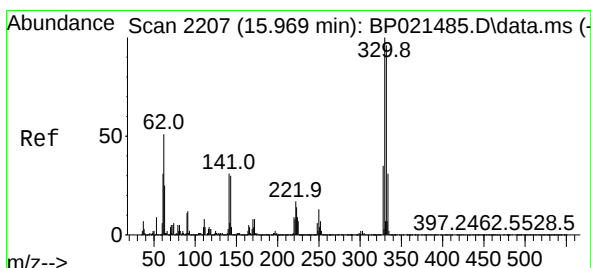
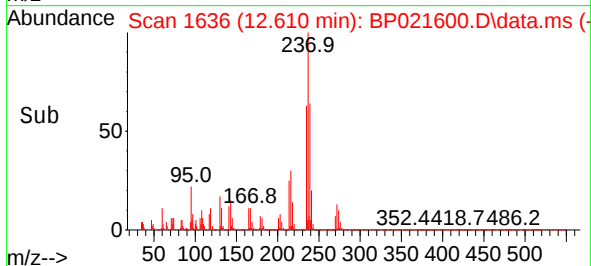
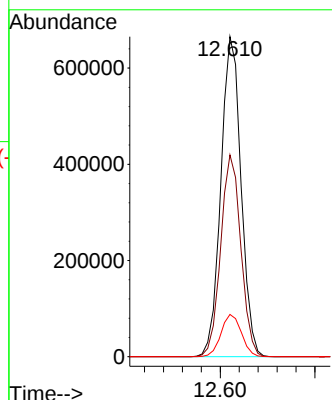
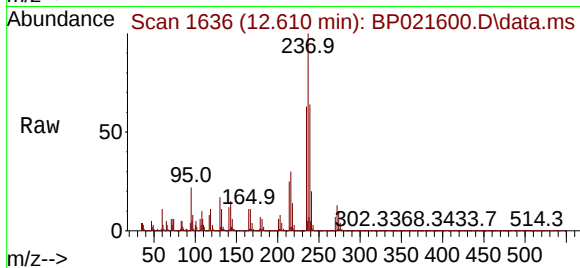
Tgt Ion:237 Resp: 984243

Ion Ratio Lower Upper

237 100

235 63.0 43.9 83.9

272 13.2 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 151.281 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

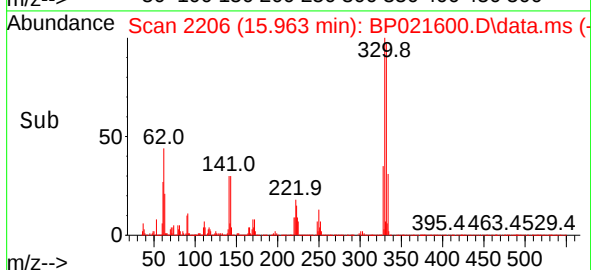
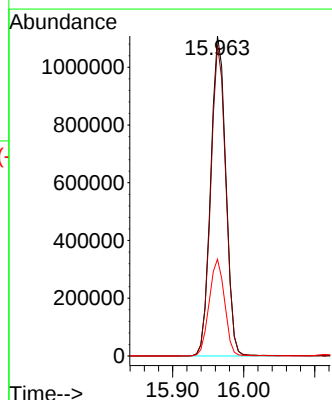
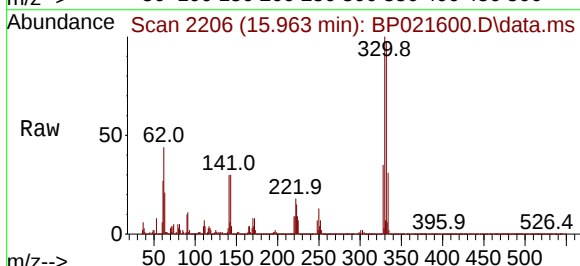
Tgt Ion:330 Resp: 1644681

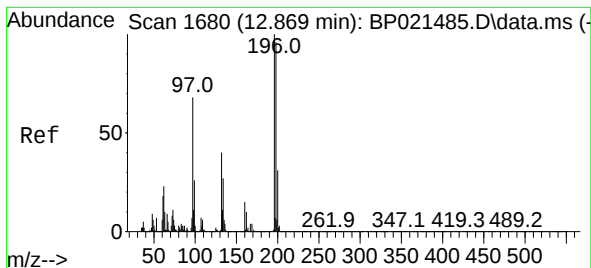
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 30.7 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 53.844 ng

RT: 12.863 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

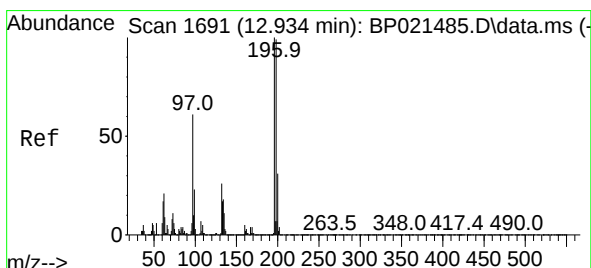
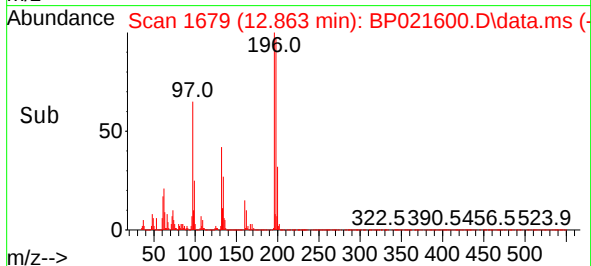
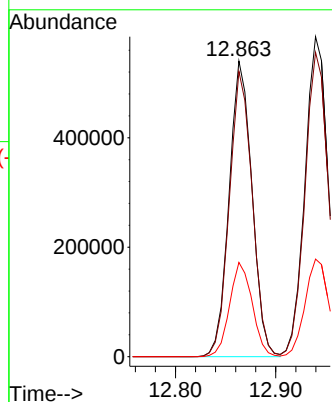
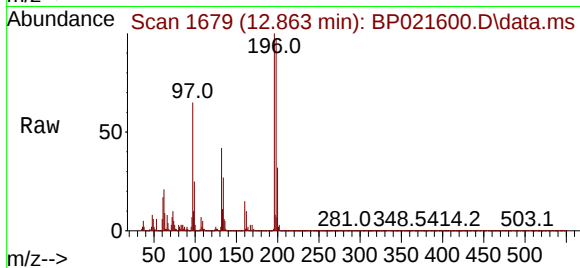
Tgt Ion:196 Resp: 856052

Ion Ratio Lower Upper

196 100

198 96.5 76.6 114.8

200 31.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 53.369 ng

RT: 12.940 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Tgt Ion:196 Resp: 942710

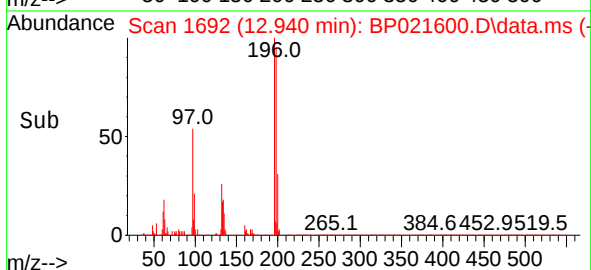
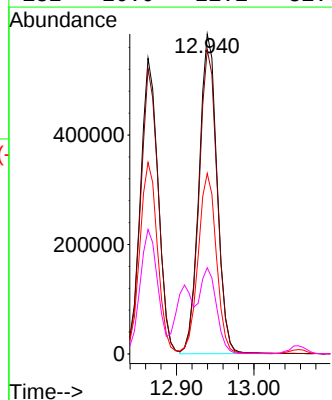
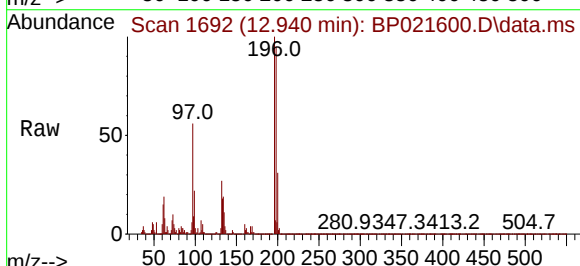
Ion Ratio Lower Upper

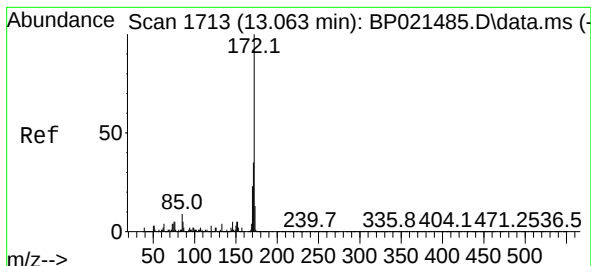
196 100

198 95.1 78.9 118.3

97 56.4 49.4 74.0

132 26.9 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 78.576 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

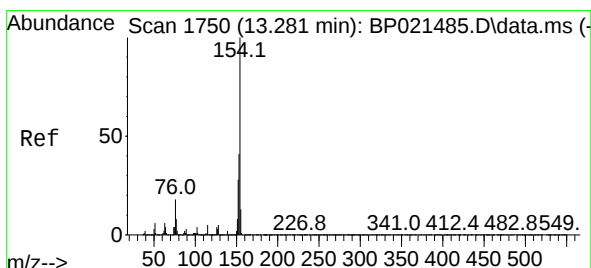
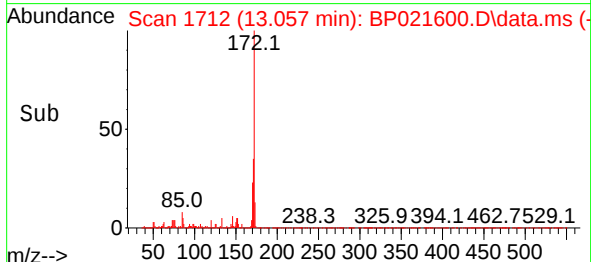
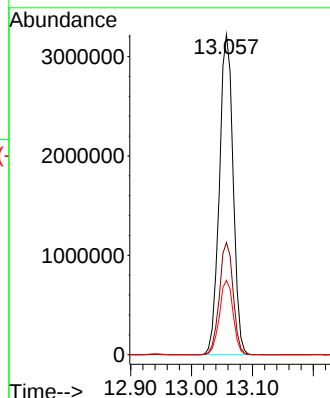
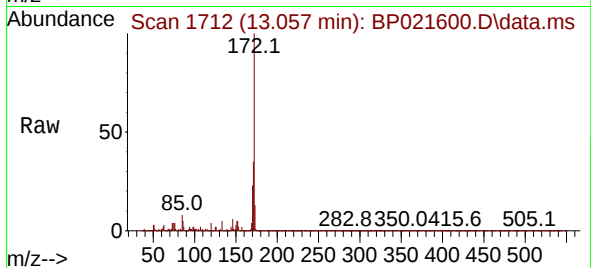
Tgt Ion:172 Resp: 5029316

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.4 27.6



#46

1,1'-Biphenyl

Concen: 39.721 ng

RT: 13.269 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

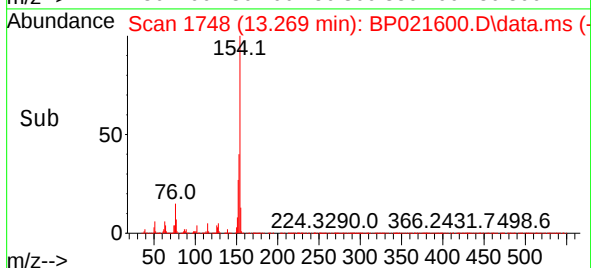
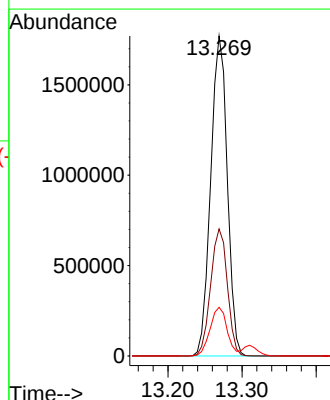
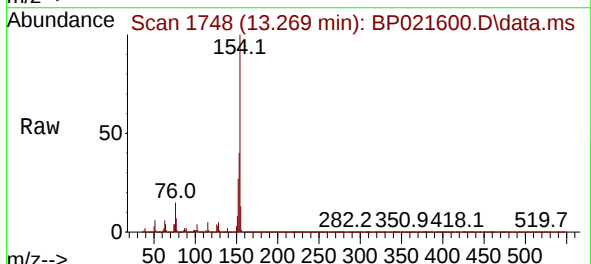
Tgt Ion:154 Resp: 2745172

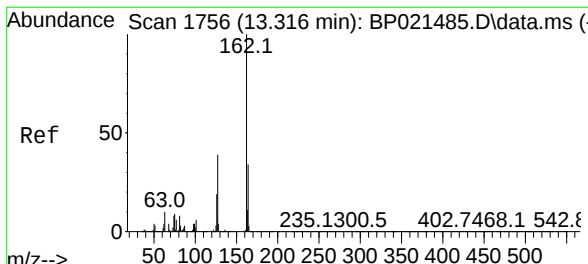
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 15.2 0.0 37.7



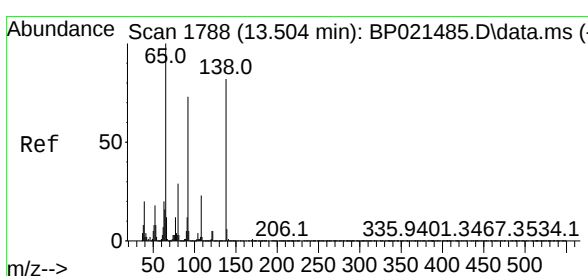
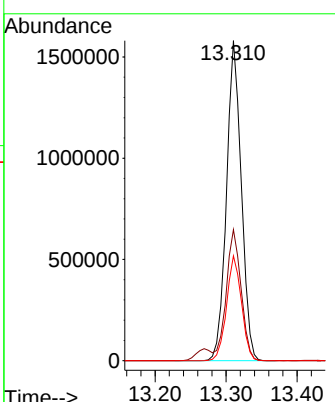
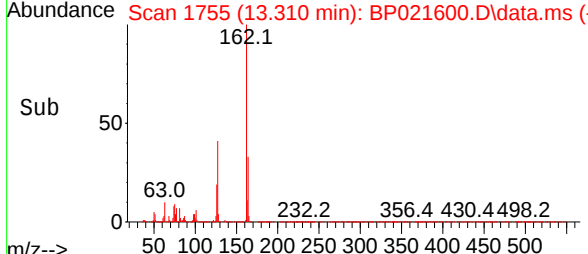
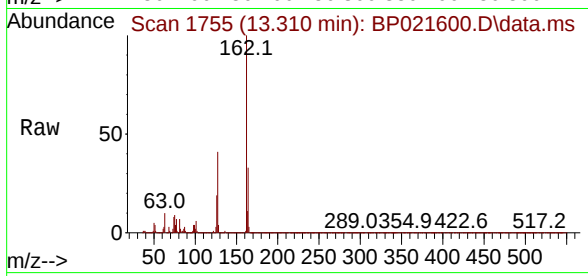


#47
 2-Chloronaphthalene
 Concen: 42.565 ng
 RT: 13.310 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BP021600.D
 Acq: 21 Aug 2024 16:42

Instrument :
 BNA_P
 ClientSampleId :
 PB162878BSD

Tgt Ion: 162 Resp: 2290229

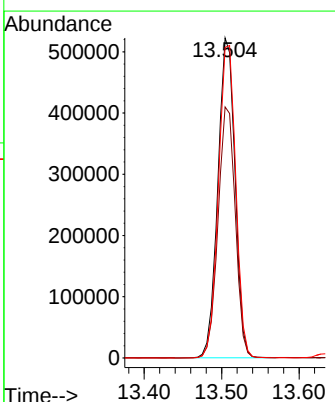
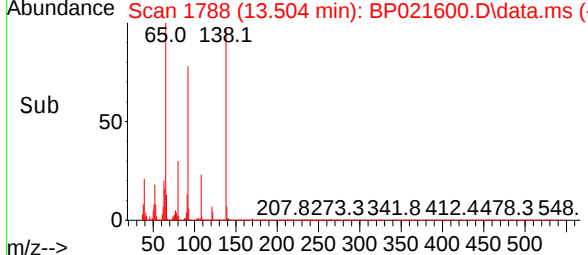
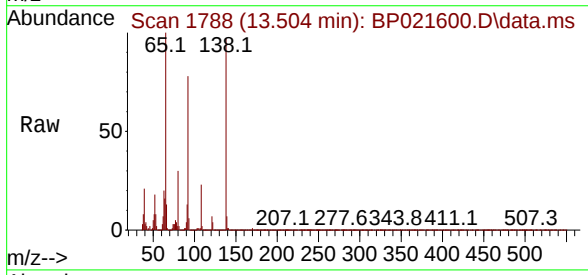
Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	32.8	26.8	40.2

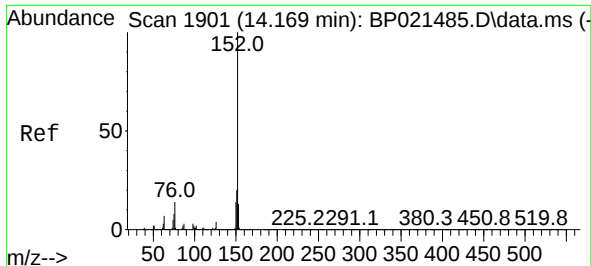


#48
 2-Nitroaniline
 Concen: 52.958 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021600.D
 Acq: 21 Aug 2024 16:42

Tgt Ion: 65 Resp: 807596

Ion	Ratio	Lower	Upper
65	100		
92	78.5	58.1	87.1
138	97.1	65.5	98.3

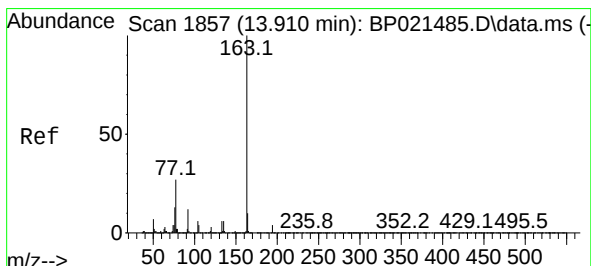
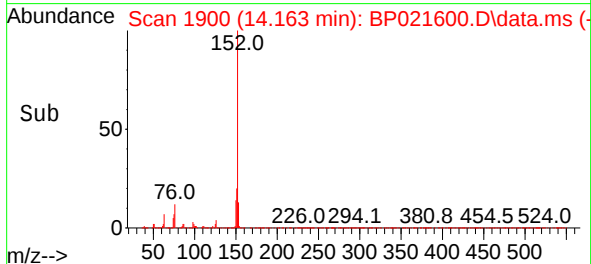
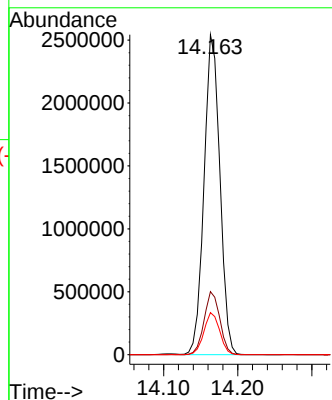
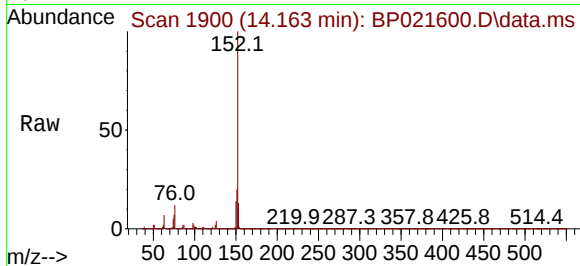




#49
Acenaphthylene
Concen: 47.713 ng
RT: 14.163 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

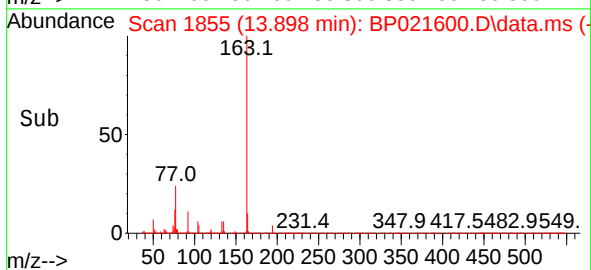
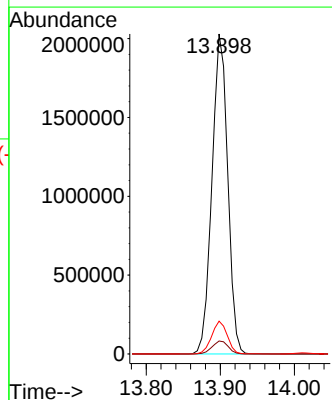
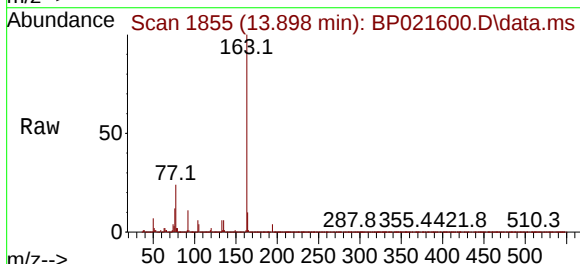
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

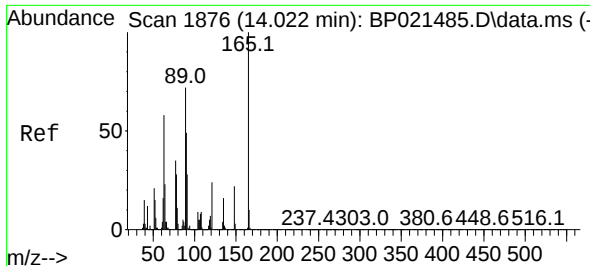
Tgt Ion:152 Resp: 3773954
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 45.743 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:163 Resp: 2992401
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

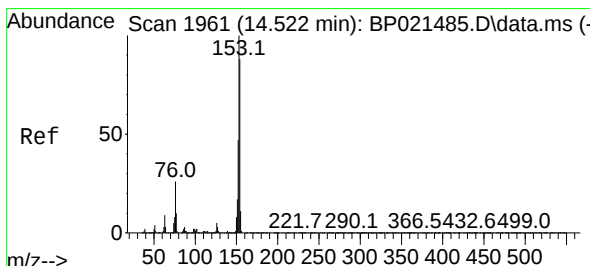
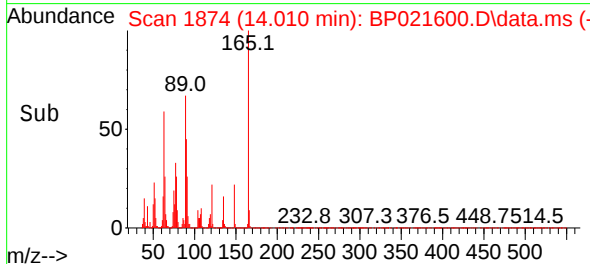
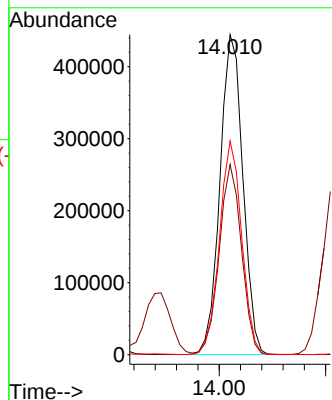
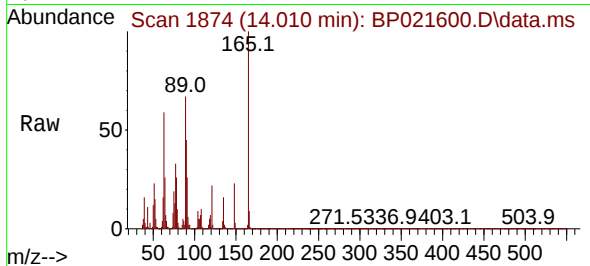




#51
2,6-Dinitrotoluene
Concen: 49.960 ng
RT: 14.010 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

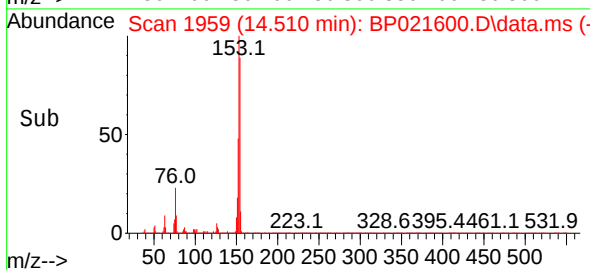
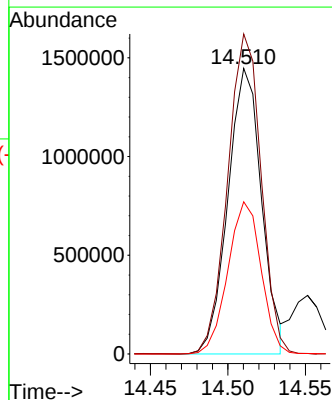
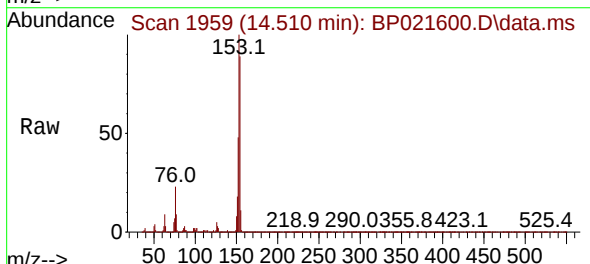
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

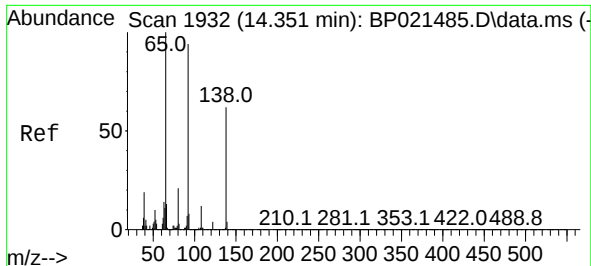
Tgt Ion:165 Resp: 661704
Ion Ratio Lower Upper
165 100
63 59.4 51.5 77.3
89 66.8 57.8 86.8



#52
Acenaphthene
Concen: 42.011 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:154 Resp: 2180298
Ion Ratio Lower Upper
154 100
153 112.1 91.1 136.7
152 53.3 43.0 64.4





#53

3-Nitroaniline

Concen: 44.640 ng

RT: 14.340 min Scan# 1930

Delta R.T. -0.011 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

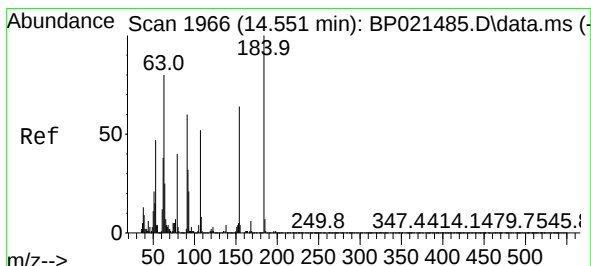
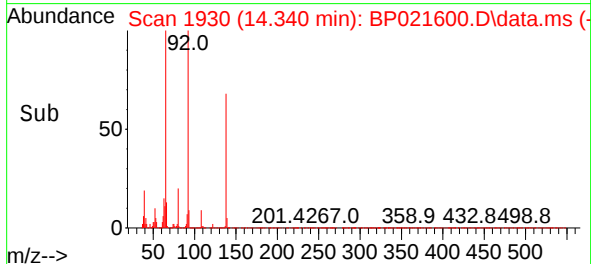
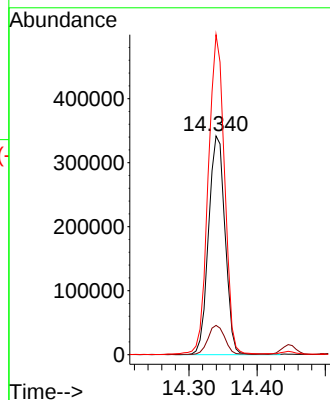
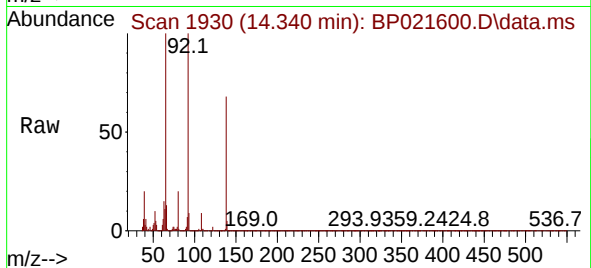
Tgt Ion:138 Resp: 575246

Ion Ratio Lower Upper

138 100

108 13.4 16.2 24.4#

92 146.3 122.2 183.4



#54

2,4-Dinitrophenol

Concen: 122.490 ng

RT: 14.551 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

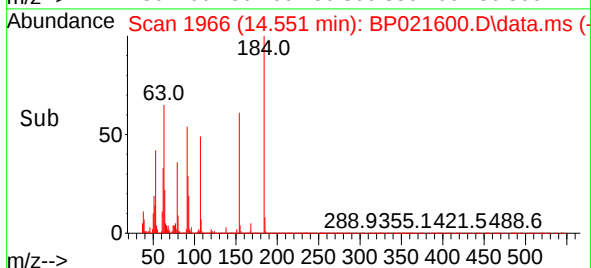
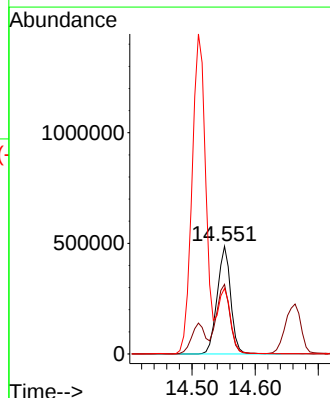
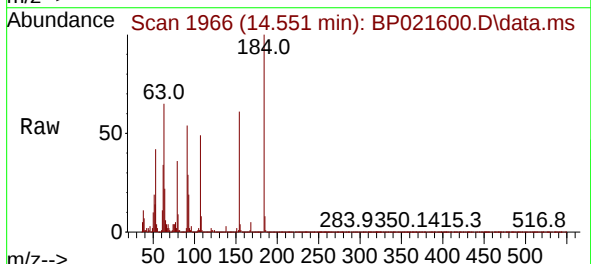
Tgt Ion:184 Resp: 723067

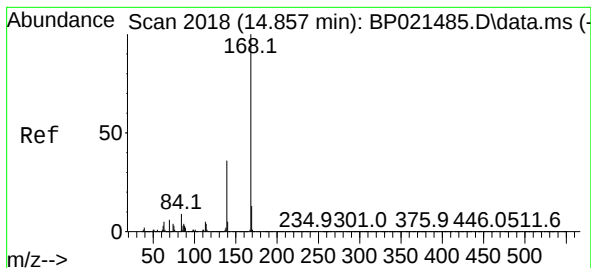
Ion Ratio Lower Upper

184 100

63 64.6 64.9 97.3#

154 60.9 52.1 78.1





#55

Dibenzofuran

Concen: 45.117 ng

RT: 14.851 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

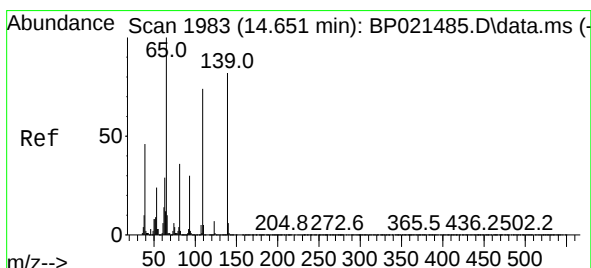
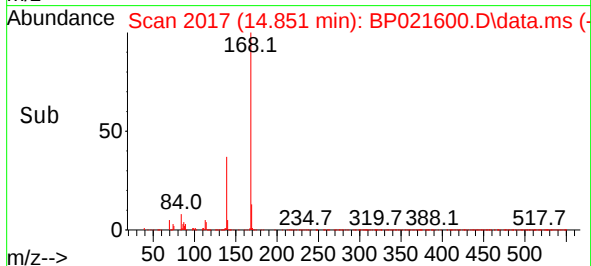
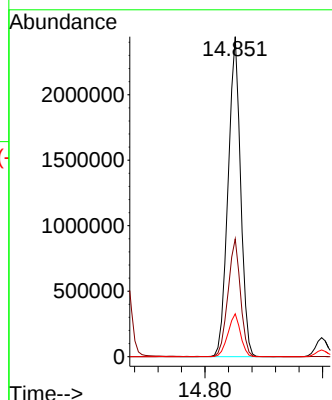
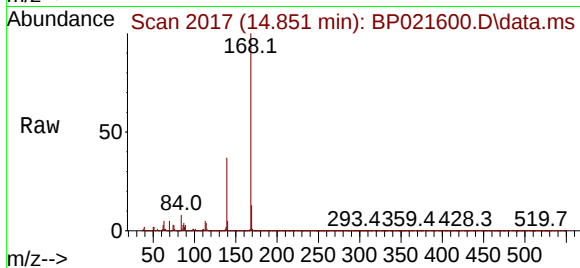
Tgt Ion:168 Resp: 3602016

Ion Ratio Lower Upper

168 100

139 36.8 28.6 43.0

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 117.451 ng

RT: 14.663 min Scan# 1985

Delta R.T. 0.012 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

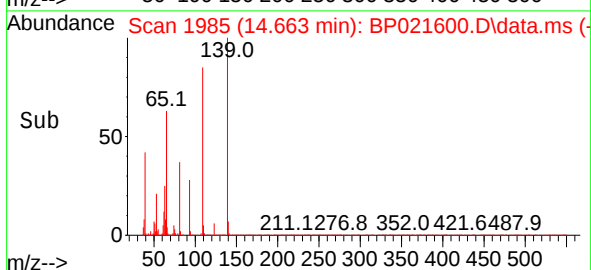
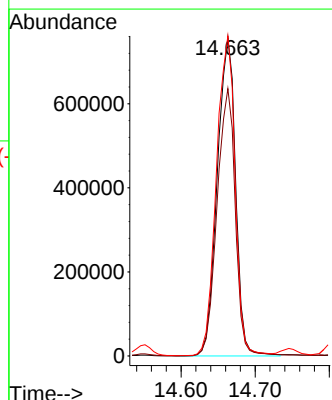
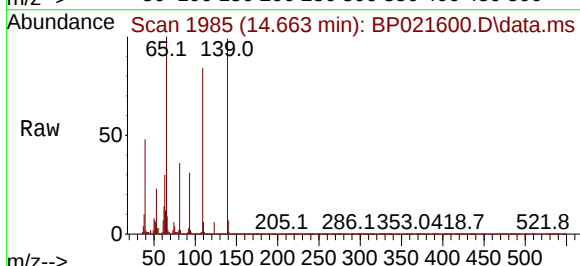
Tgt Ion:139 Resp: 1301825

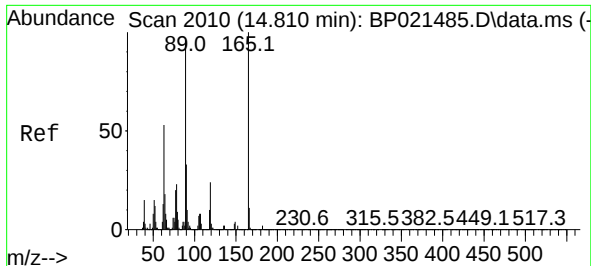
Ion Ratio Lower Upper

139 100

109 84.0 70.2 110.2

65 100.5 101.8 141.8#

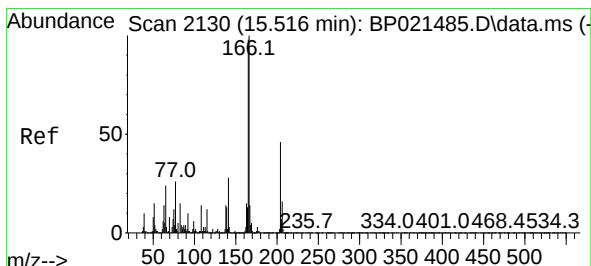
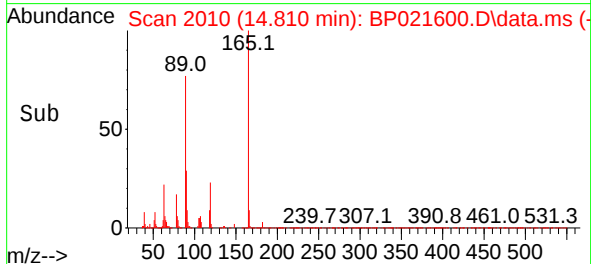
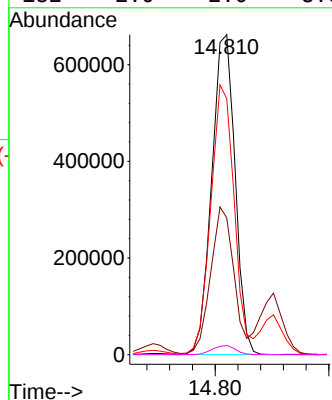
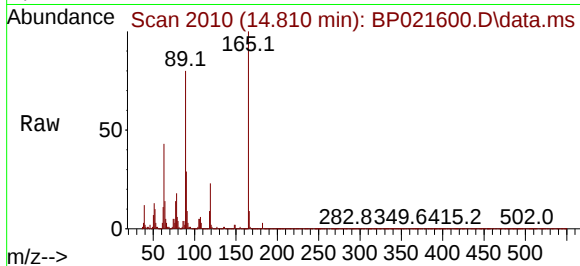




#57
2,4-Dinitrotoluene
Concen: 55.431 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

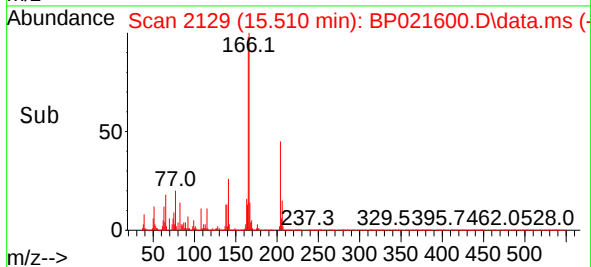
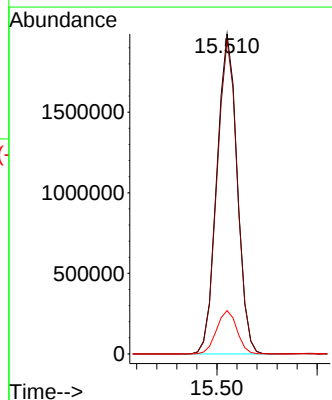
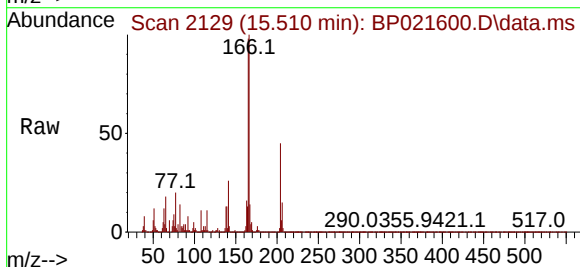
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

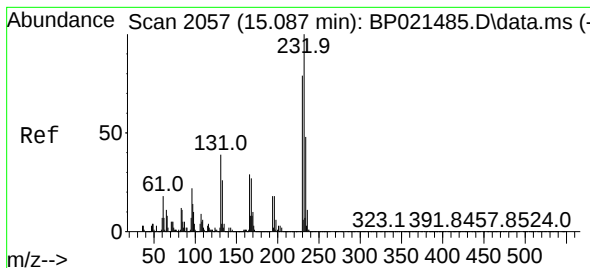
Tgt Ion:165 Resp: 945035
Ion Ratio Lower Upper
165 100
63 42.8 42.5 63.7
89 80.0 77.1 115.7
182 2.9 2.0 3.0



#58
Fluorene
Concen: 42.625 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:166 Resp: 2795686
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.5 11.0 16.4

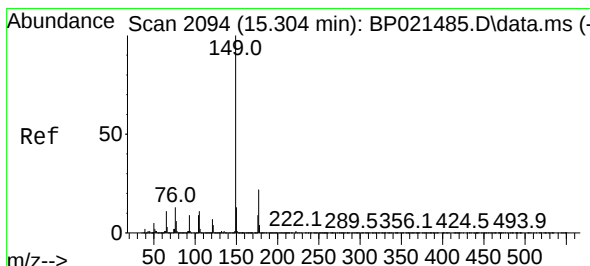
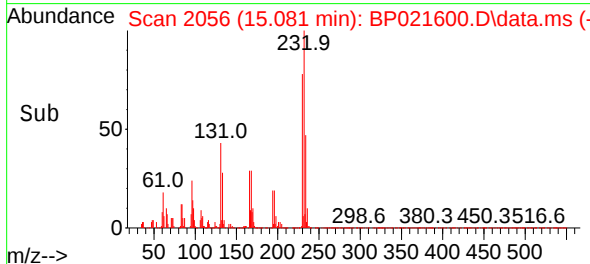
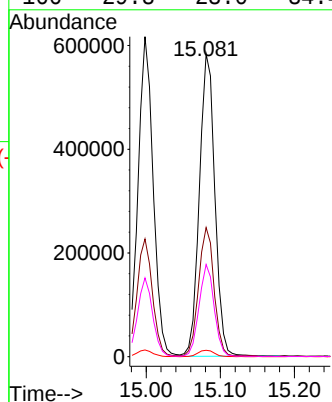
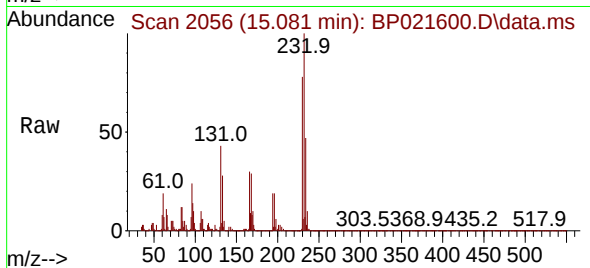




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.338 ng
RT: 15.081 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

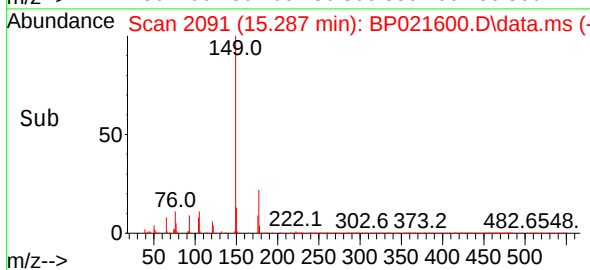
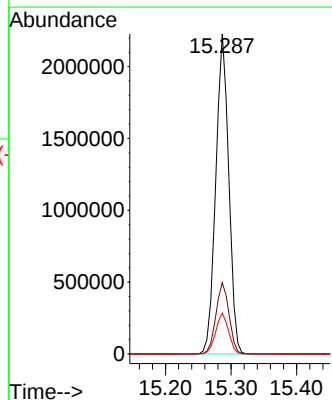
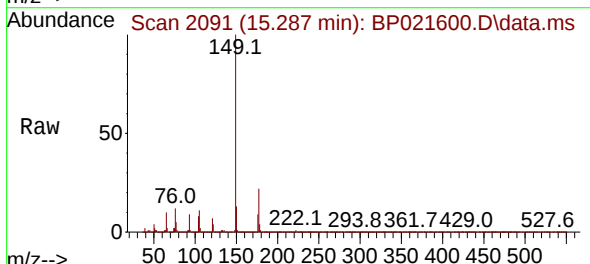
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

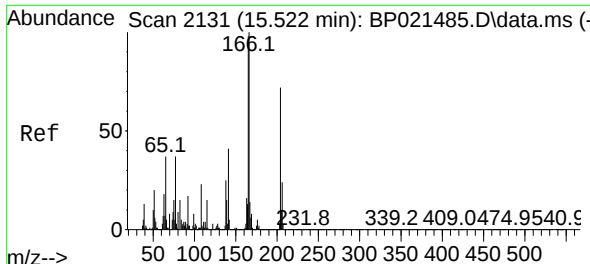
Tgt Ion:232 Resp: 844678
Ion Ratio Lower Upper
232 100
131 42.2 33.1 49.7
130 2.3 1.7 2.5
166 29.8 23.0 34.4



#60
Diethylphthalate
Concen: 45.489 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:149 Resp: 3053254
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.7 10.1 15.1

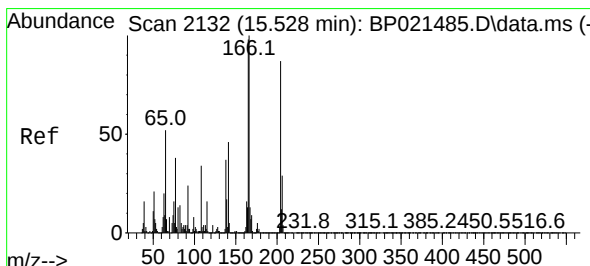
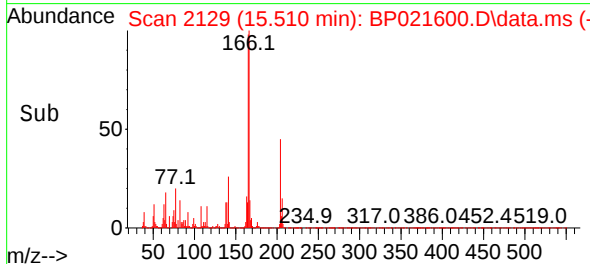
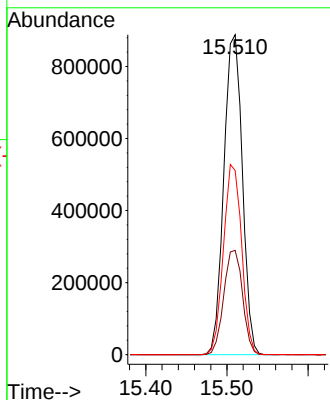
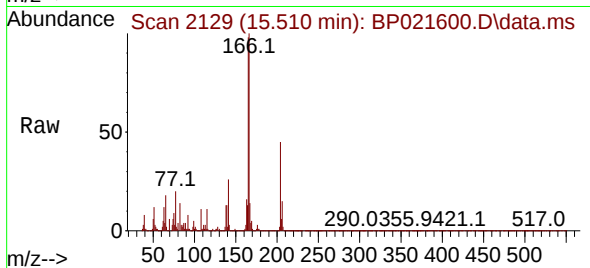




#61
4-Chlorophenyl-phenylether
Concen: 41.504 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

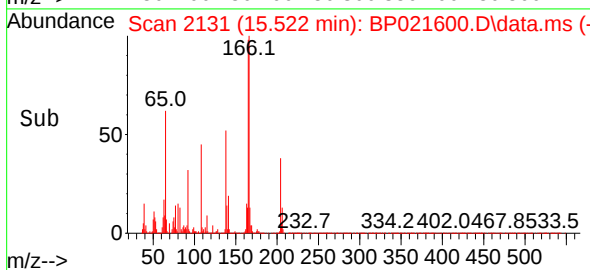
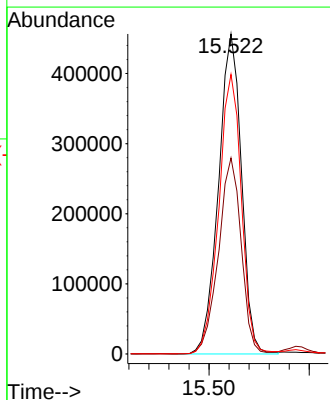
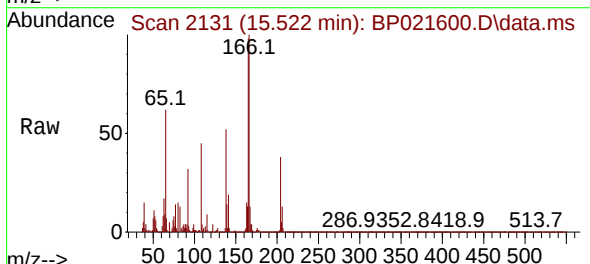
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

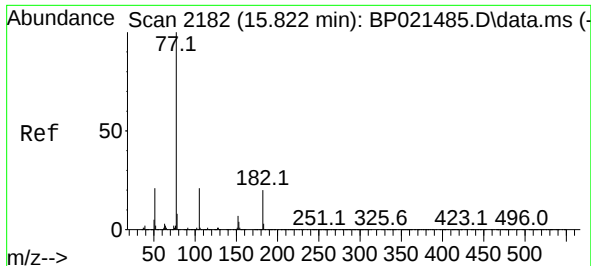
Tgt Ion:204 Resp: 1407096
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 57.6 46.1 69.1



#62
4-Nitroaniline
Concen: 53.945 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:138 Resp: 724595
Ion Ratio Lower Upper
138 100
92 61.2 46.4 86.4
108 87.3 73.2 113.2



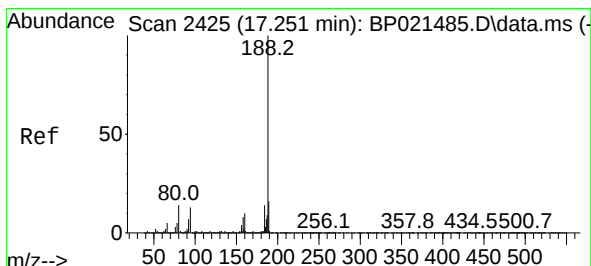
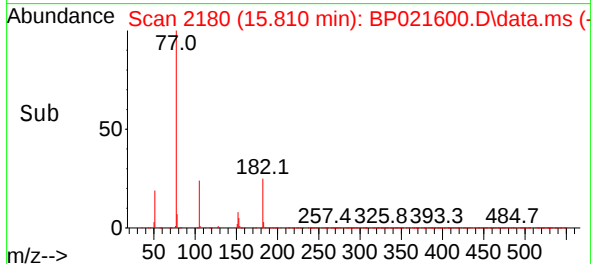
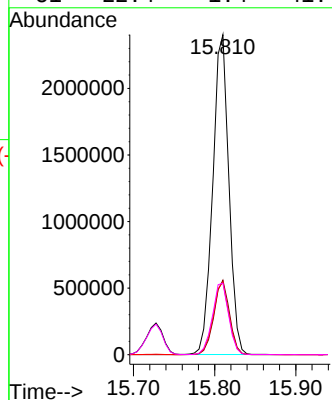
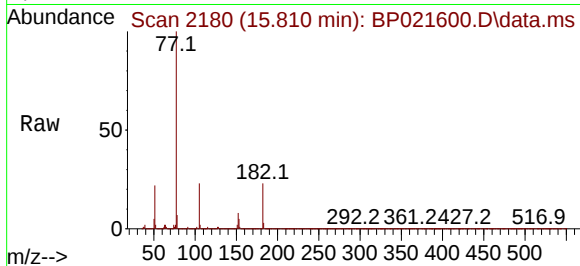


#63
Azobenzene
Concen: 40.054 ng
RT: 15.810 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Instrument :
BNA_P
ClientSampleId :
PB162878BSD

Tgt Ion: 77 Resp: 3304768

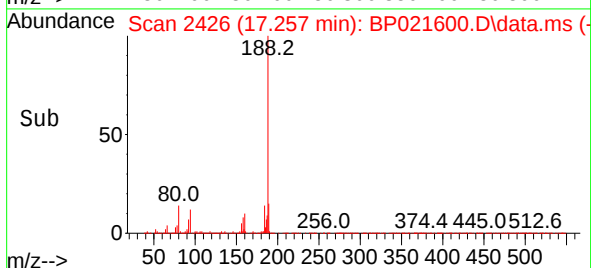
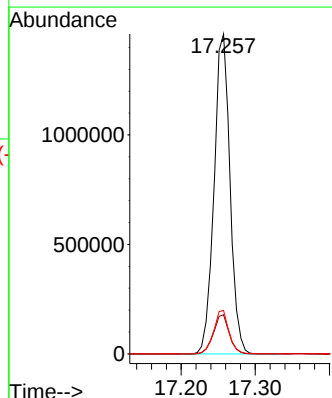
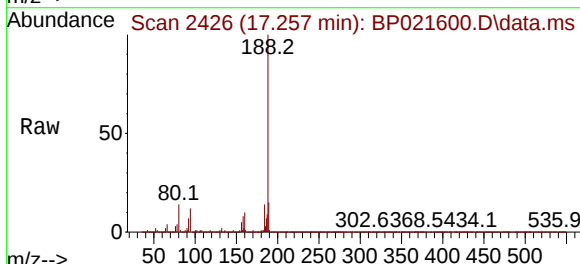
Ion	Ratio	Lower	Upper
77	100		
182	23.3	0.0	39.9
105	22.7	0.9	40.9
51	22.4	1.4	41.4

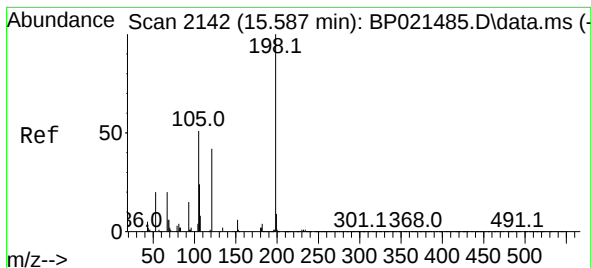


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion: 188 Resp: 2177042

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.2	15.4
80	13.6	11.6	17.4

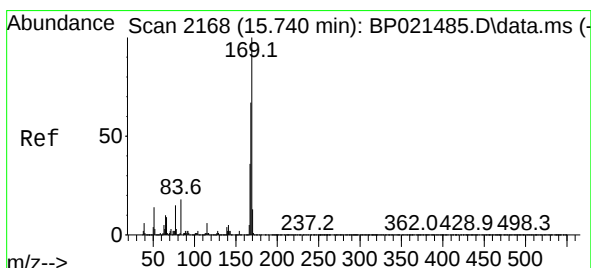
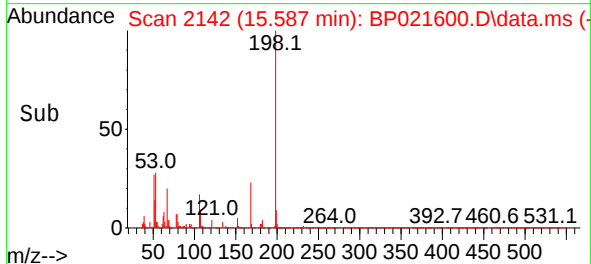
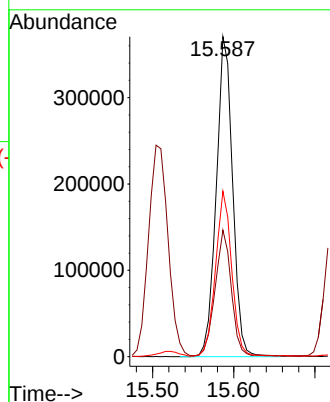
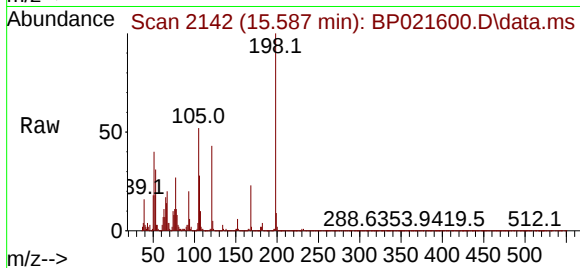




#65
4,6-Dinitro-2-methylphenol
Concen: 68.260 ng
RT: 15.587 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

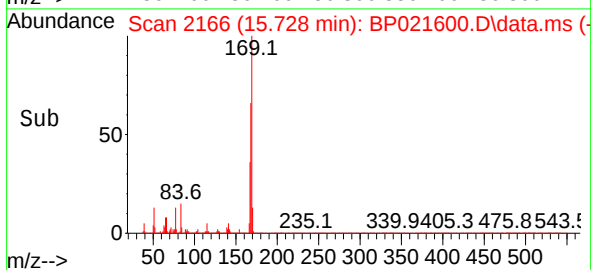
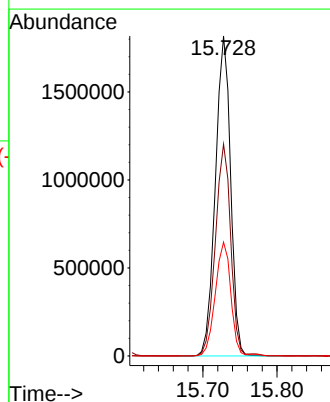
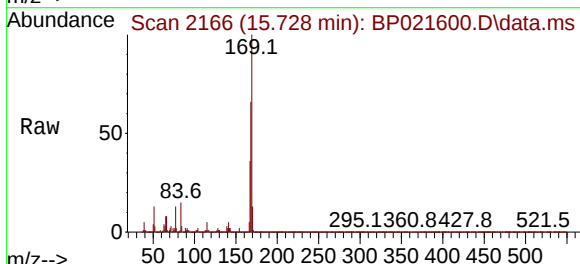
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

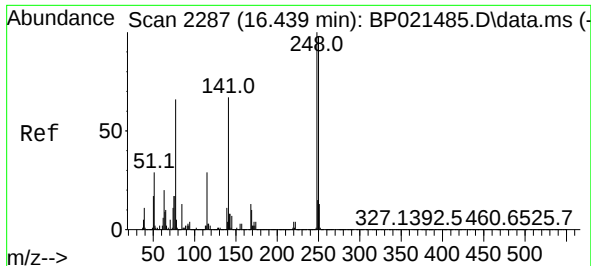
Tgt Ion:198 Resp: 518535
Ion Ratio Lower Upper
198 100
51 39.5 21.5 61.5
105 51.7 32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 44.320 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:169 Resp: 2585682
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 35.6 28.7 43.1

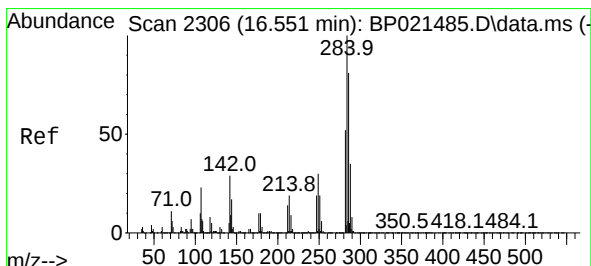
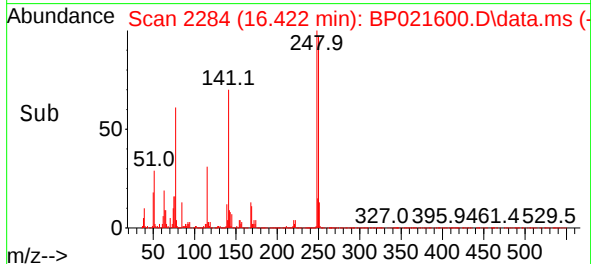
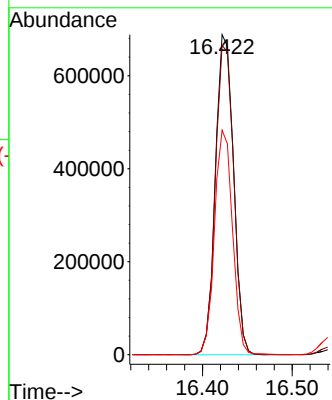
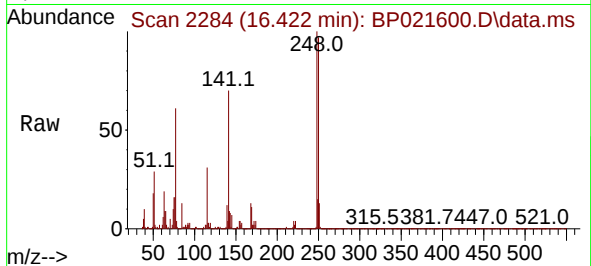




#67
4-Bromophenyl-phenylether
Concen: 41.898 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

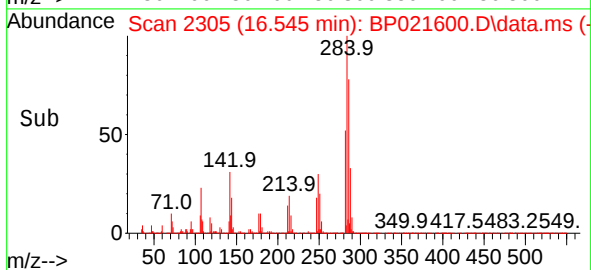
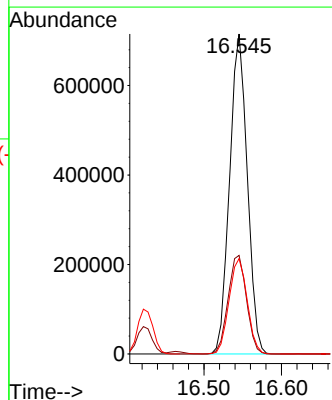
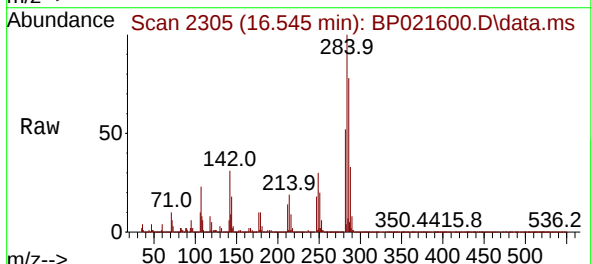
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

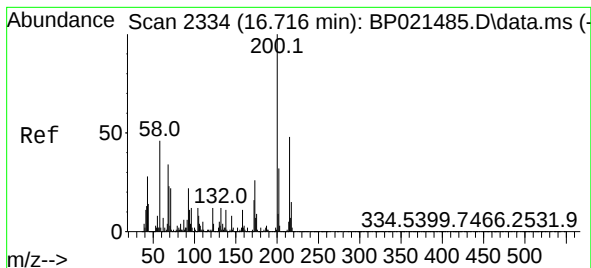
Tgt Ion:248 Resp: 965373
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 70.2 53.9 80.9



#68
Hexachlorobenzene
Concen: 41.694 ng
RT: 16.545 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:284 Resp: 1135270
Ion Ratio Lower Upper
284 100
142 30.8 23.4 35.2
249 29.8 24.1 36.1





#69

Atrazine

Concen: 40.417 ng

RT: 16.704 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

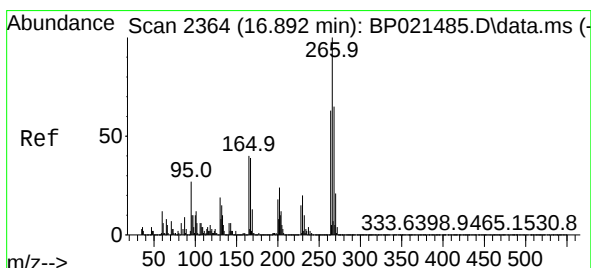
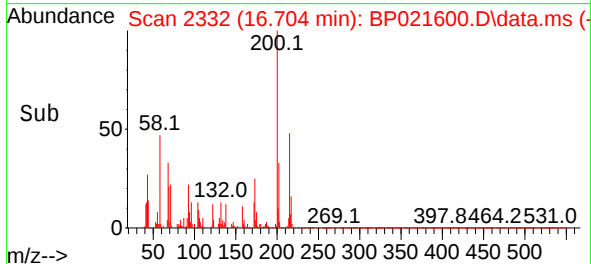
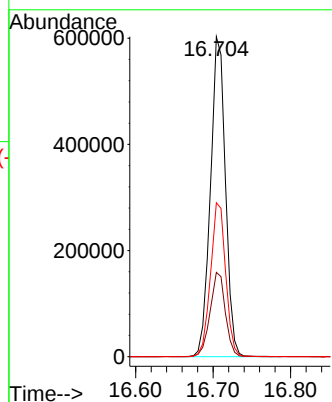
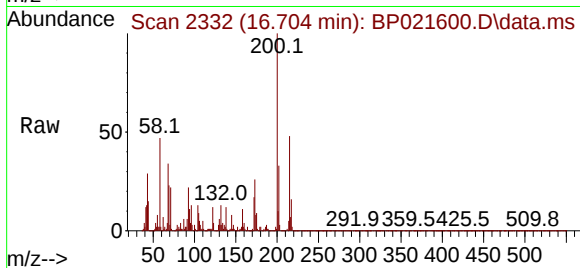
Tgt Ion:200 Resp: 809575

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 48.1 28.4 68.4



#70

Pentachlorophenol

Concen: 104.418 ng

RT: 16.898 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

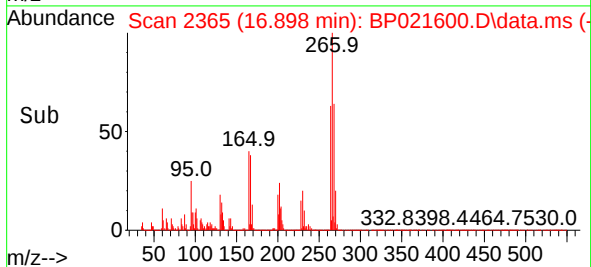
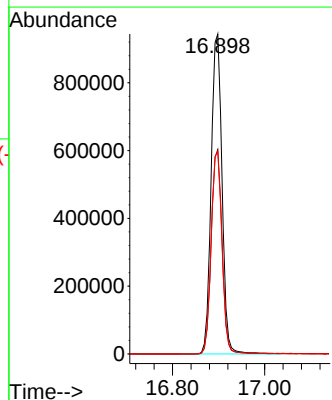
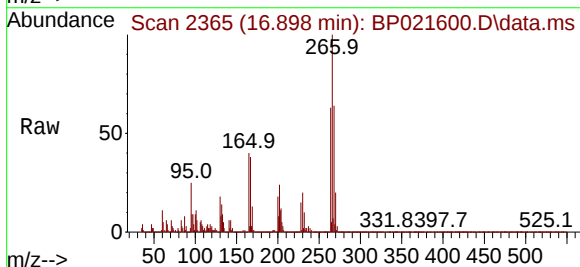
Tgt Ion:266 Resp: 1551817

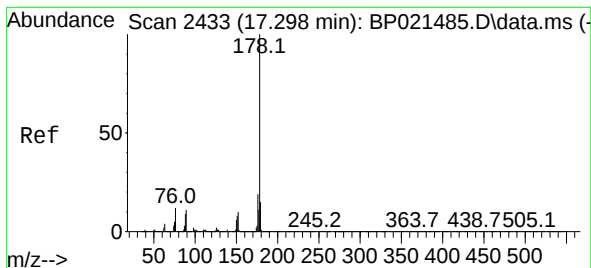
Ion Ratio Lower Upper

266 100

268 63.9 51.8 77.6

264 63.2 50.5 75.7





#71

Phenanthrene

Concen: 45.617 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

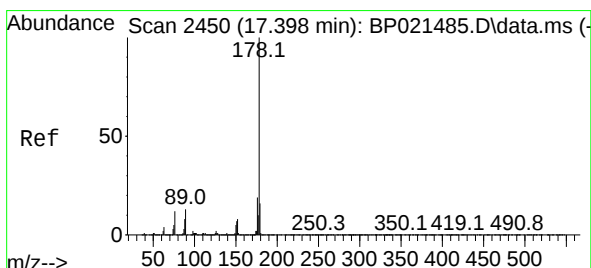
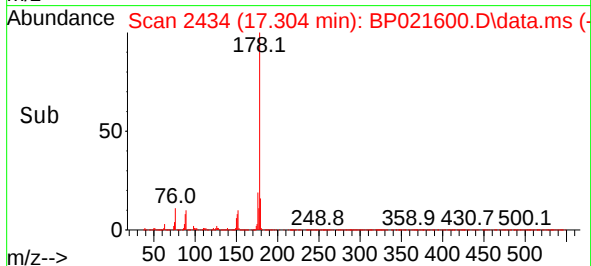
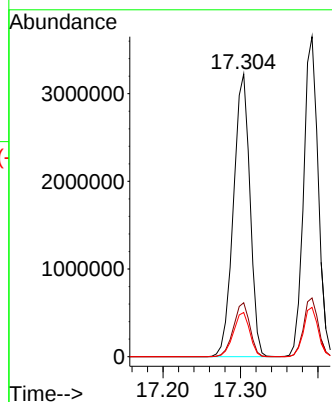
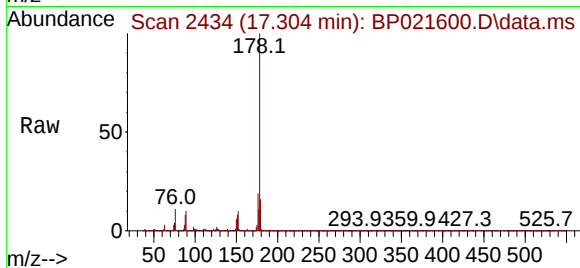
Tgt Ion:178 Resp: 4776023

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.4 18.6



#72

Anthracene

Concen: 46.391 ng

RT: 17.392 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

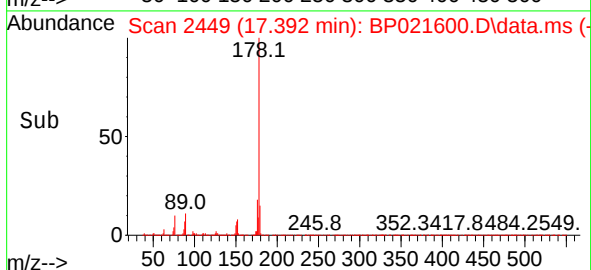
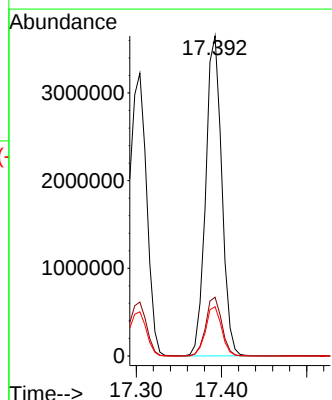
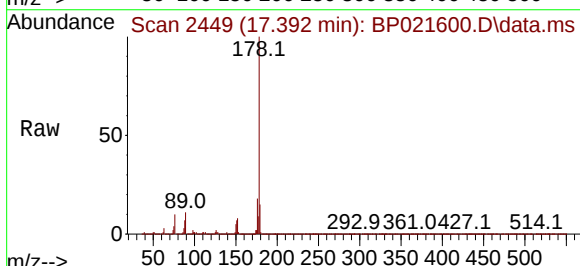
Tgt Ion:178 Resp: 4763470

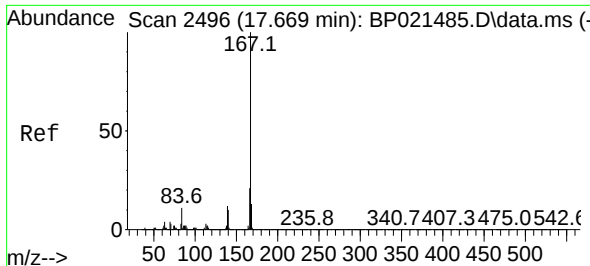
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.4 12.5 18.7

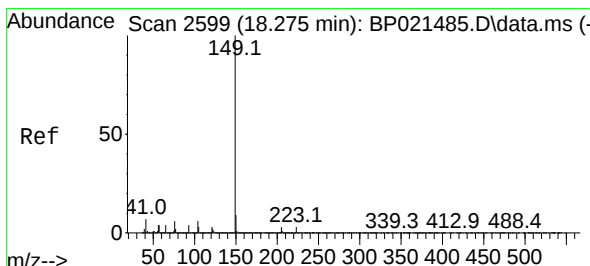
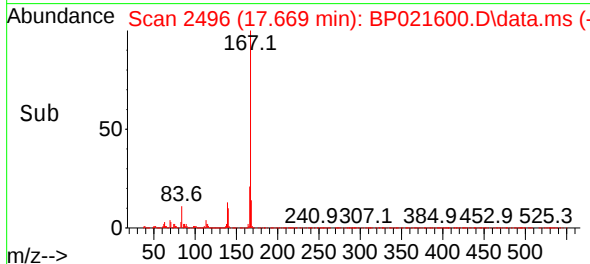
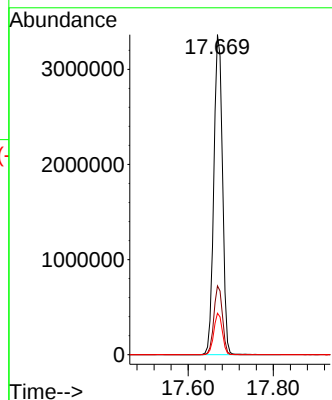
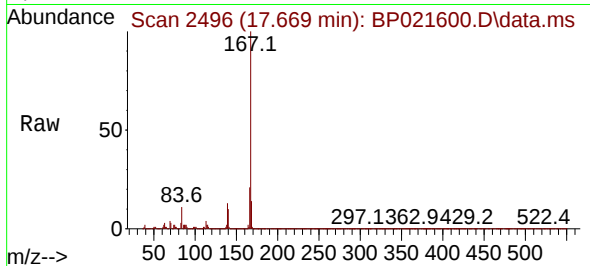




#73
 Carbazole
 Concen: 47.915 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP021600.D
 Acq: 21 Aug 2024 16:42

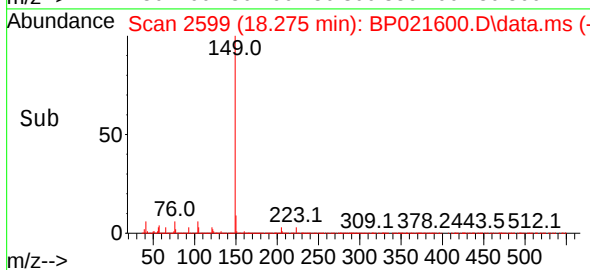
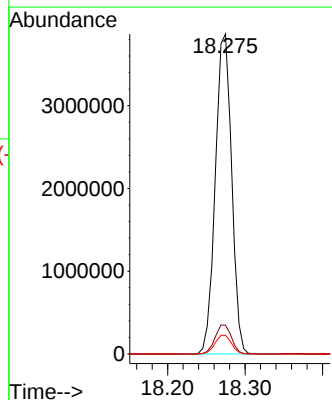
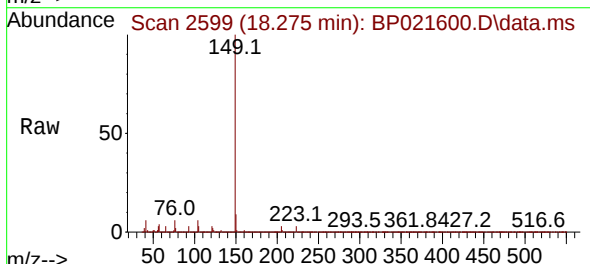
Instrument :
 BNA_P
 ClientSampleId :
 PB162878BSD

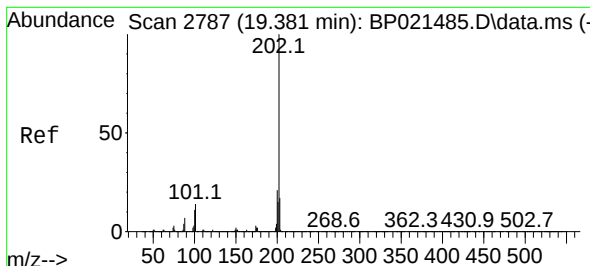
Tgt Ion:167 Resp: 4741405
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.0 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 46.575 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. -0.000 min
 Lab File: BP021600.D
 Acq: 21 Aug 2024 16:42

Tgt Ion:149 Resp: 5660253
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.8 4.9 7.3





#75

Fluoranthene

Concen: 47.462 ng

RT: 19.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

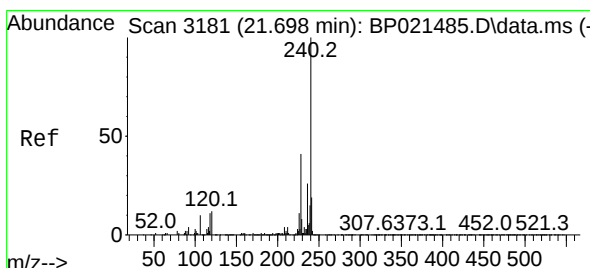
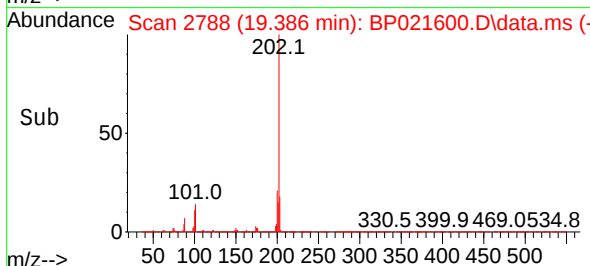
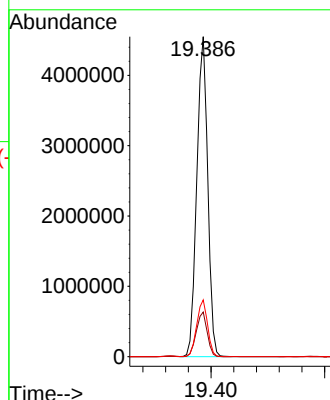
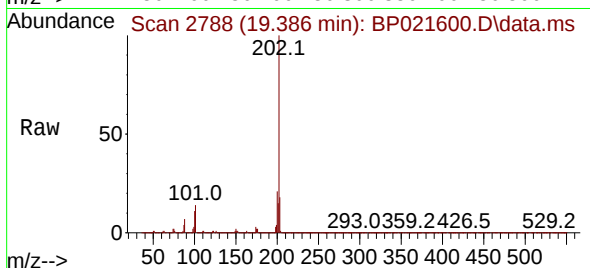
Tgt Ion:202 Resp: 6097144

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.0

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.722 min Scan# 3185

Delta R.T. 0.024 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

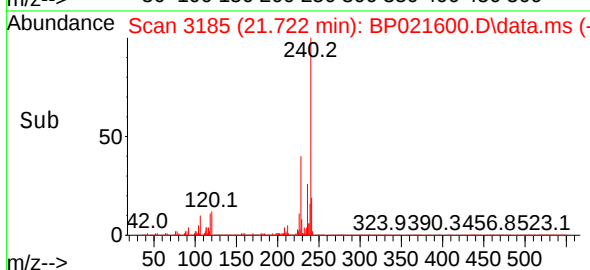
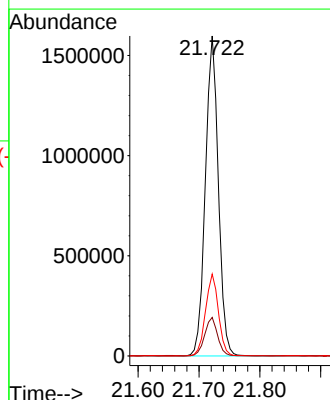
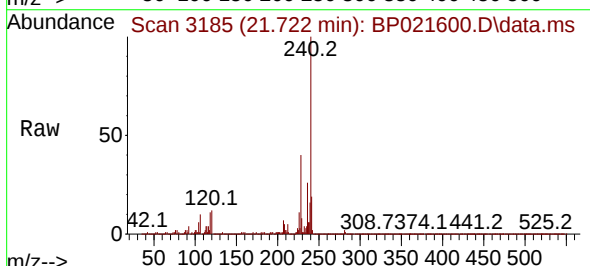
Tgt Ion:240 Resp: 2366812

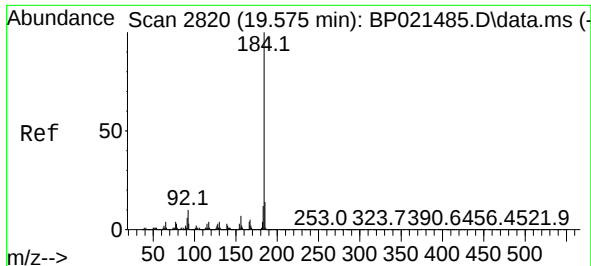
Ion Ratio Lower Upper

240 100

120 12.1 9.9 14.9

236 25.6 20.6 30.8

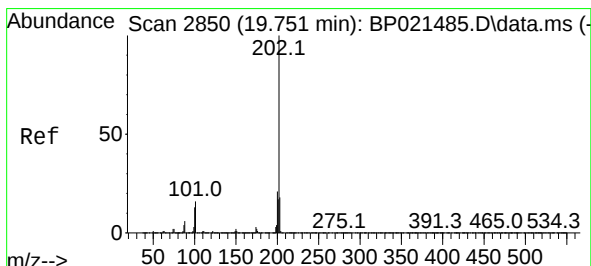
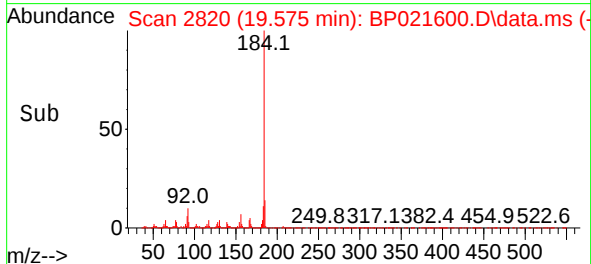
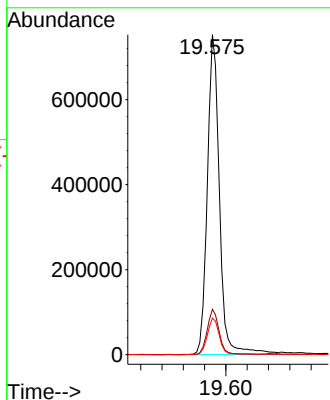
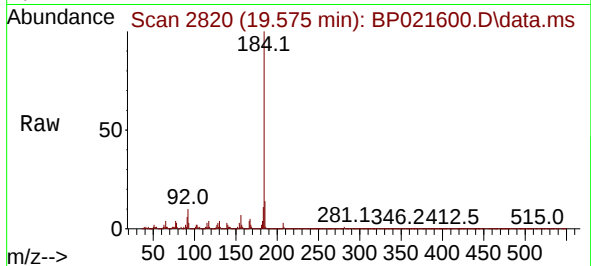




#77
Benzidine
Concen: 22.246 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

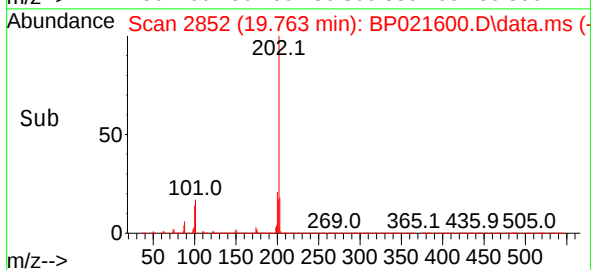
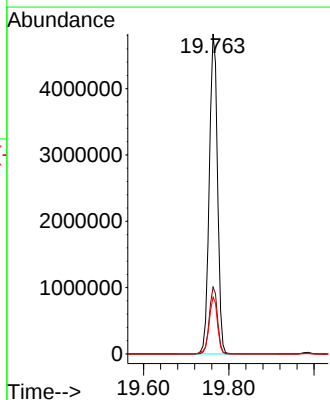
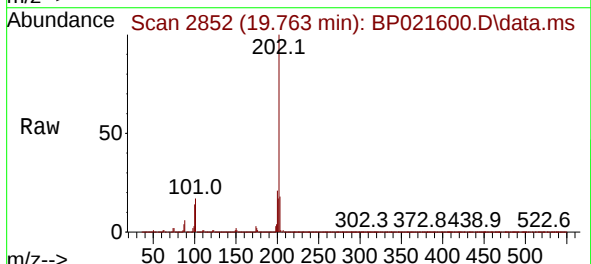
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

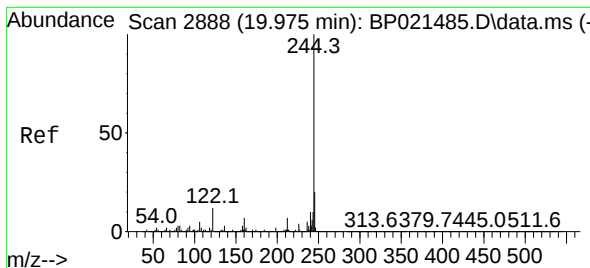
Tgt Ion:184 Resp: 1191173
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.5 9.3 13.9



#78
Pyrene
Concen: 41.608 ng
RT: 19.763 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:202 Resp: 6436660
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 79.030 ng

RT: 19.986 min Scan# 2888

Delta R.T. 0.011 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

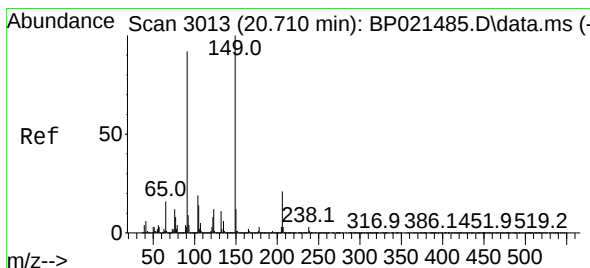
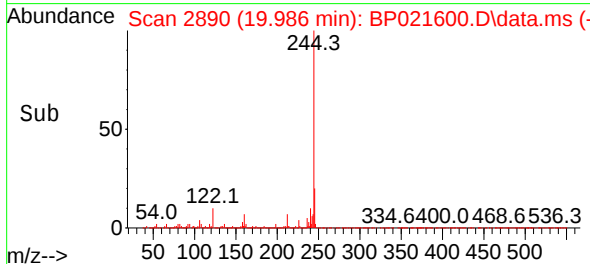
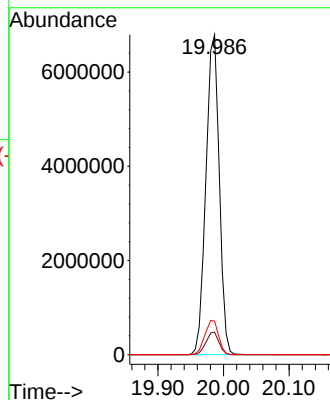
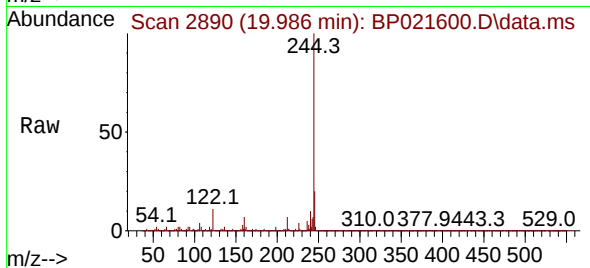
Tgt Ion:244 Resp: 9628130

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.5 9.4 14.2



#80

Butylbenzylphthalate

Concen: 50.303 ng

RT: 20.716 min Scan# 3014

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

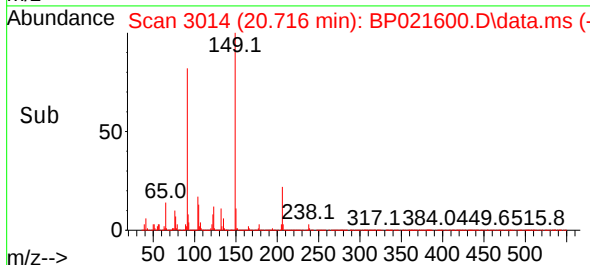
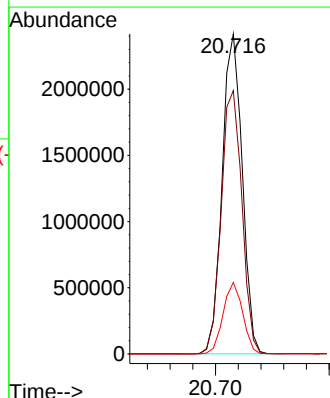
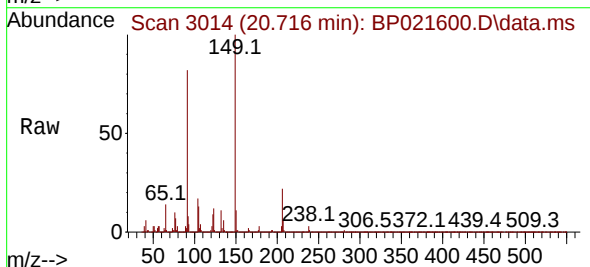
Tgt Ion:149 Resp: 2964433

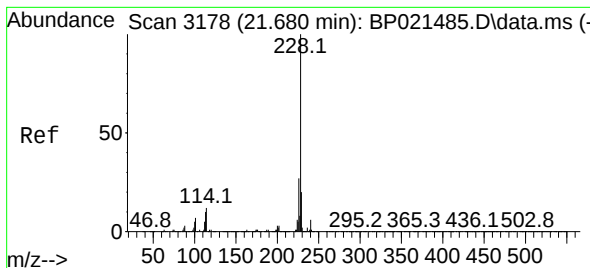
Ion Ratio Lower Upper

149 100

91 82.3 73.3 109.9

206 22.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 45.367 ng

RT: 21.698 min Scan# 3181

Delta R.T. 0.018 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

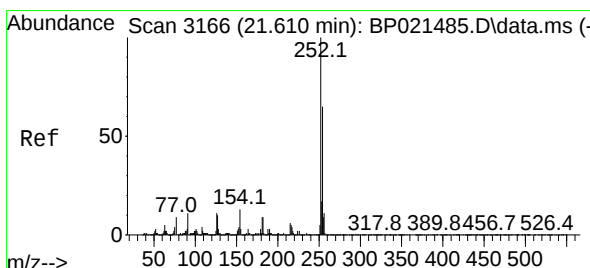
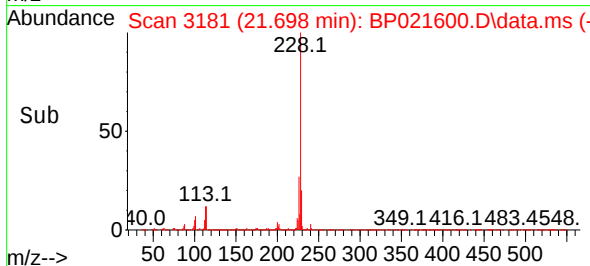
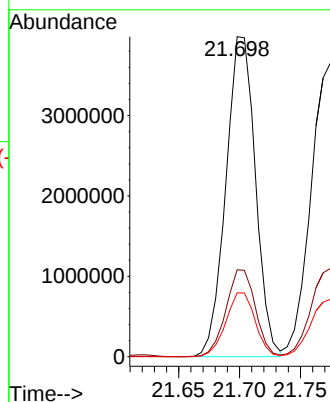
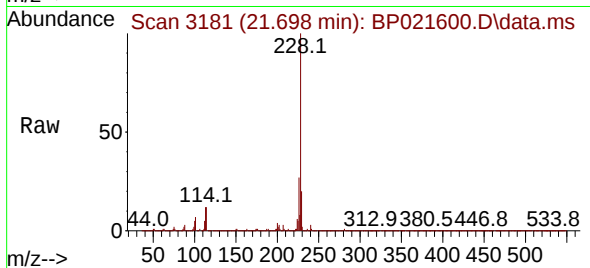
Tgt Ion:228 Resp: 6740570

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.319 ng

RT: 21.622 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

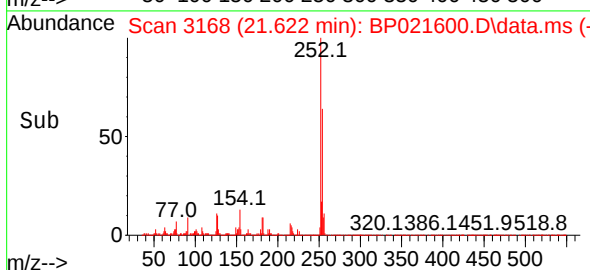
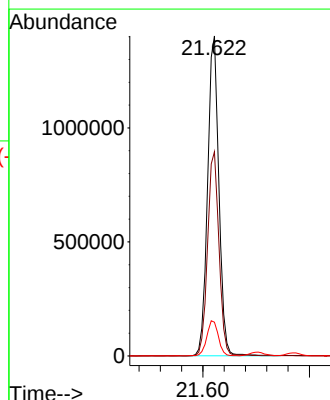
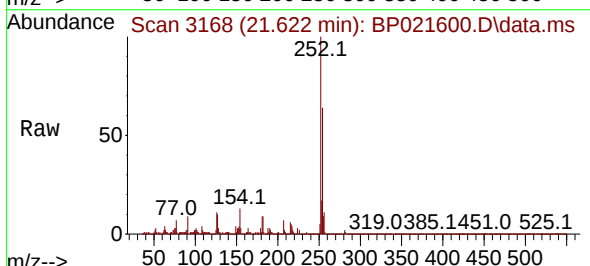
Tgt Ion:252 Resp: 2063647

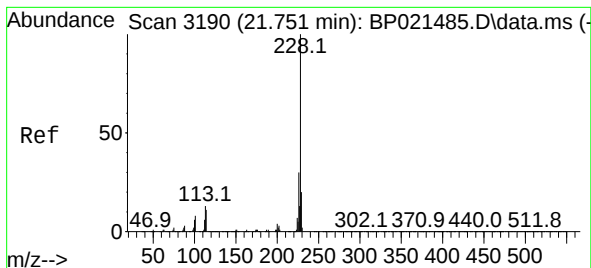
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 10.6 8.7 13.1





#83

Chrysene

Concen: 46.676 ng

RT: 21.775 min Scan# 3194

Delta R.T. 0.024 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

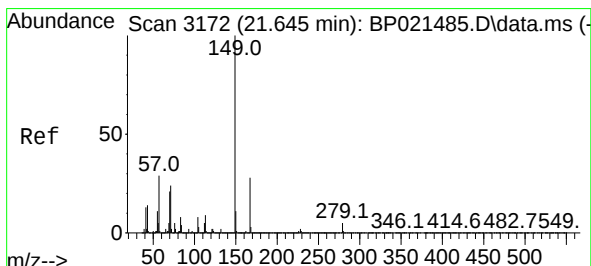
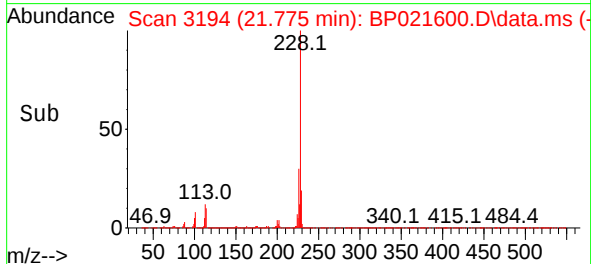
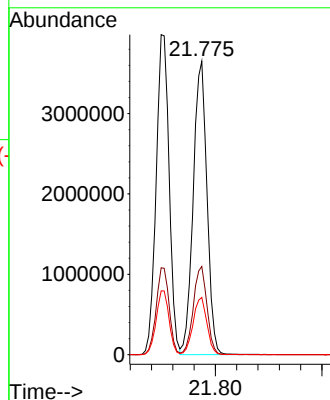
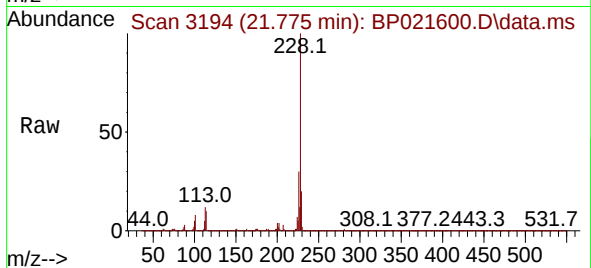
Tgt Ion:228 Resp: 6547759

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.144 ng

RT: 21.651 min Scan# 3173

Delta R.T. 0.006 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

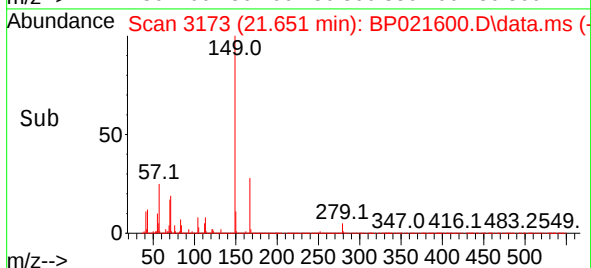
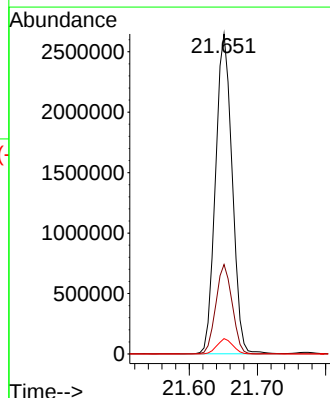
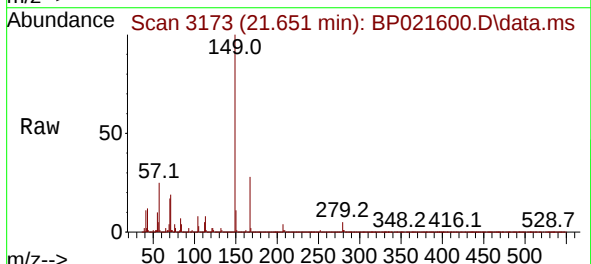
Tgt Ion:149 Resp: 4491255

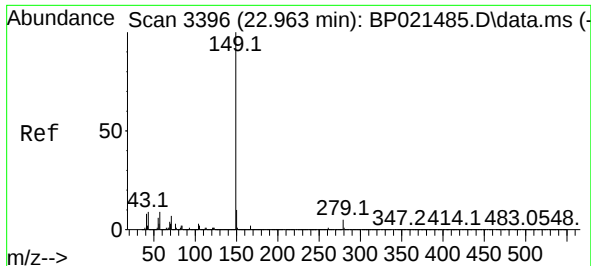
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.8 3.8 5.6

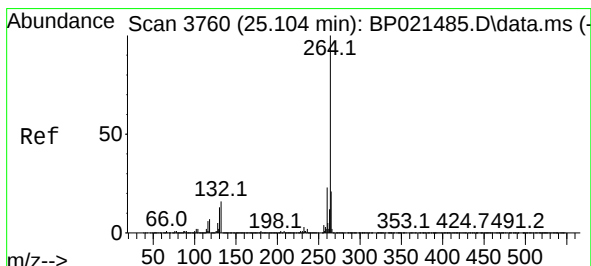
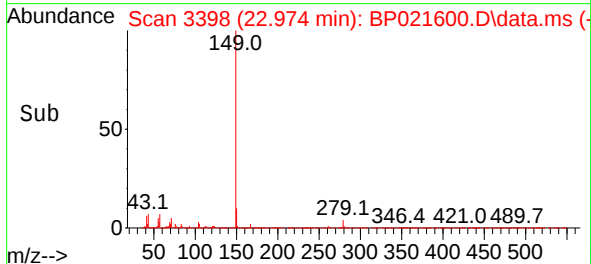
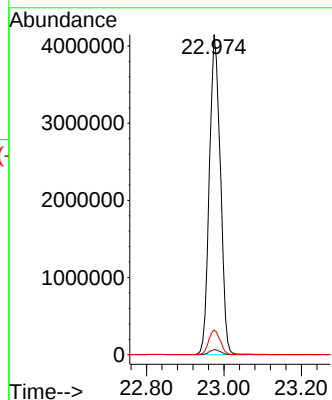
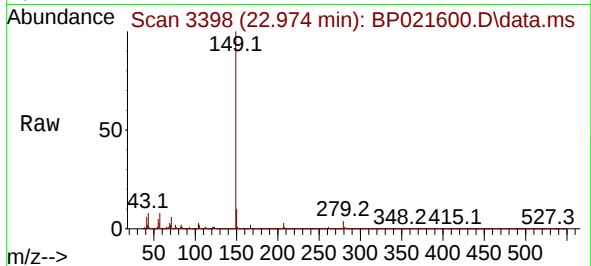




#85
Di-n-octyl phthalate
Concen: 52.451 ng
RT: 22.974 min Scan# 31
Delta R.T. 0.011 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

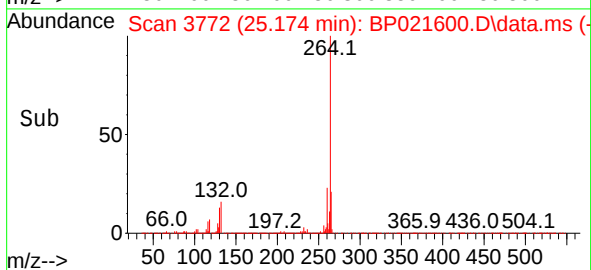
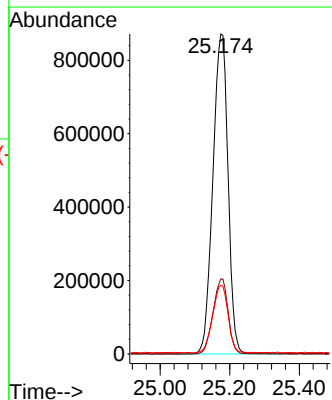
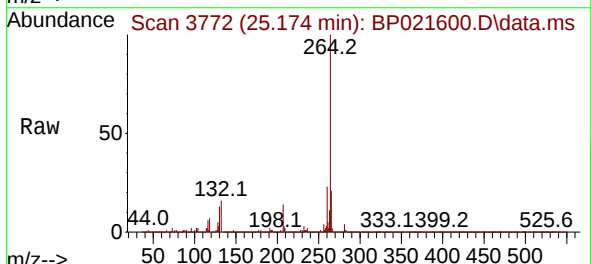
Instrument :
BNA_P
ClientSampleId :
PB162878BSD

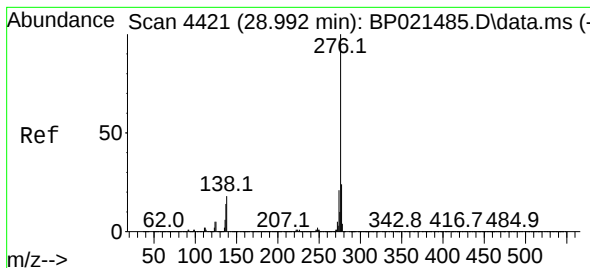
Tgt Ion:149 Resp: 8168035
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.174 min Scan# 3772
Delta R.T. 0.071 min
Lab File: BP021600.D
Acq: 21 Aug 2024 16:42

Tgt Ion:264 Resp: 2632836
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.851 ng

RT: 29.080 min Scan# 4421

Delta R.T. 0.088 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

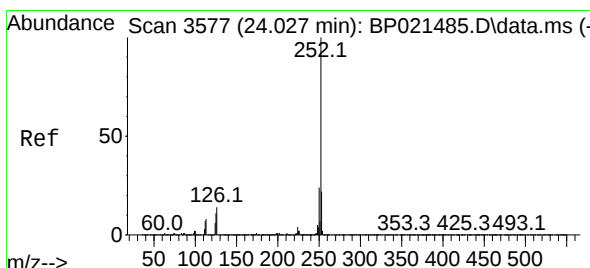
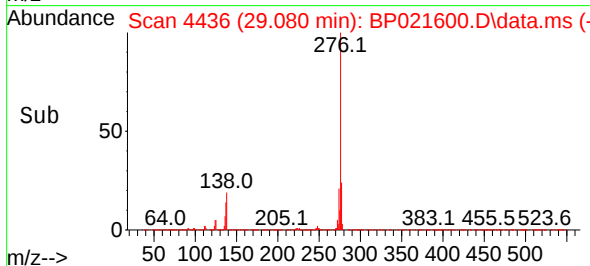
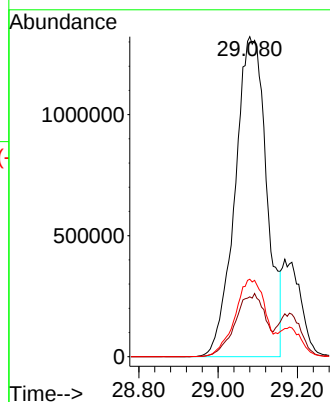
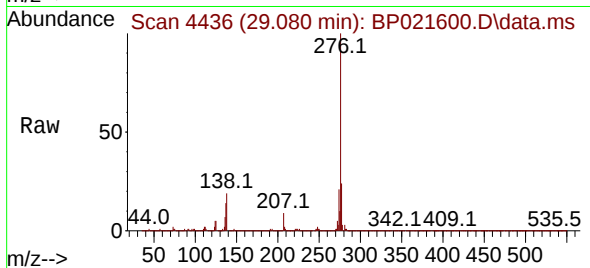
Tgt Ion:276 Resp: 7313051

Ion Ratio Lower Upper

276 100

138 19.0 12.8 19.2

277 23.9 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 47.889 ng

RT: 24.074 min Scan# 3585

Delta R.T. 0.047 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

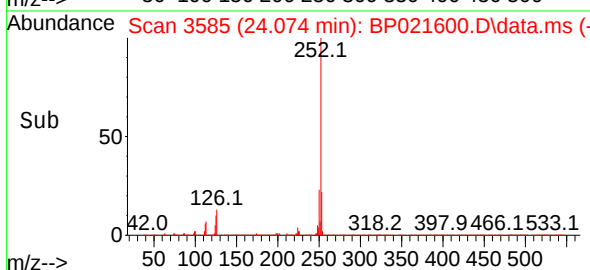
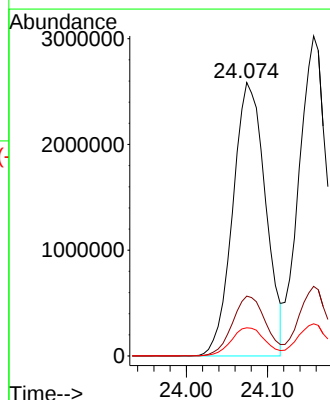
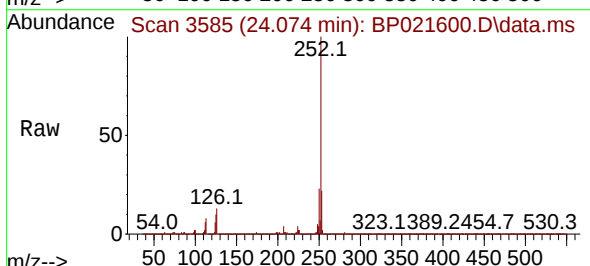
Tgt Ion:252 Resp: 7241236

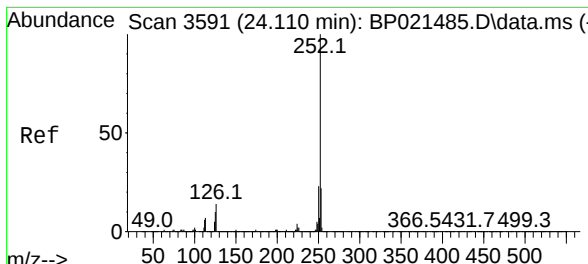
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 49.410 ng

RT: 24.157 min Scan# 3599

Delta R.T. 0.047 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

Instrument :

BNA_P

ClientSampleId :

PB162878BSD

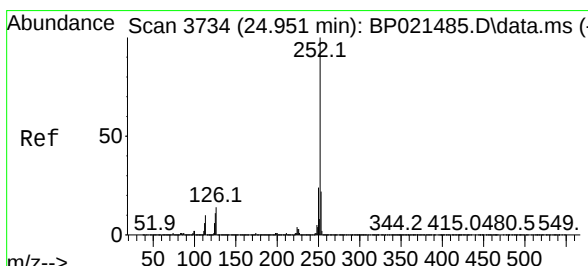
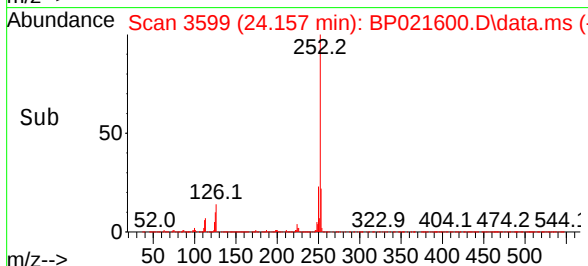
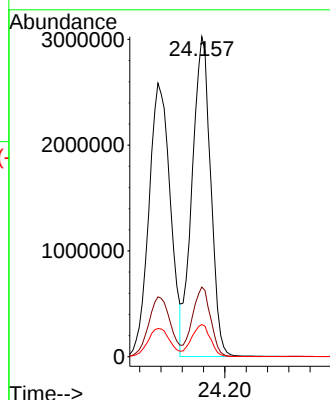
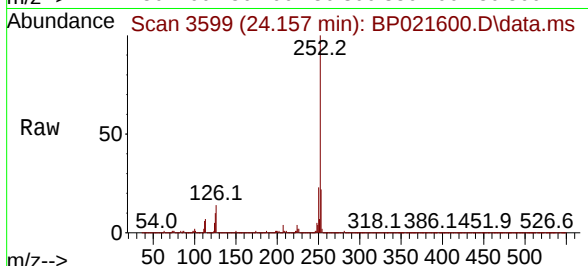
Tgt Ion:252 Resp: 7288340

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.1 7.8 11.8



#90

Benzo(a)pyrene

Concen: 51.645 ng

RT: 25.010 min Scan# 3744

Delta R.T. 0.059 min

Lab File: BP021600.D

Acq: 21 Aug 2024 16:42

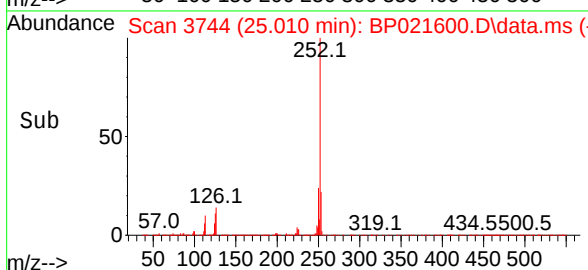
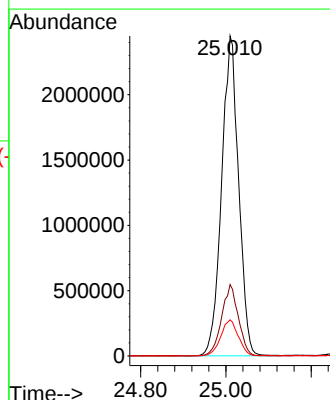
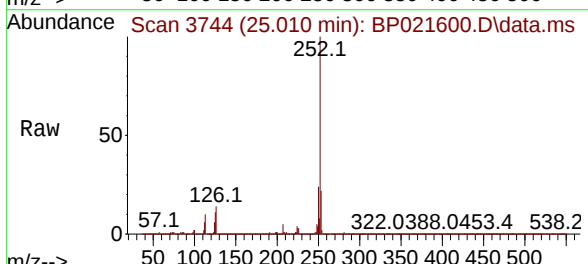
Tgt Ion:252 Resp: 6776841

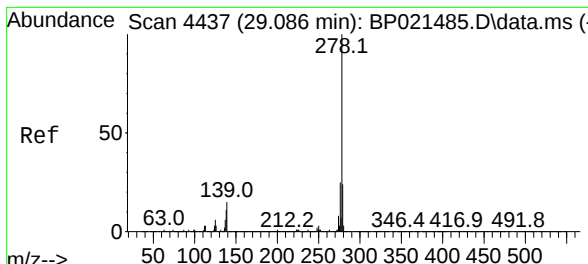
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.3 8.7 13.1



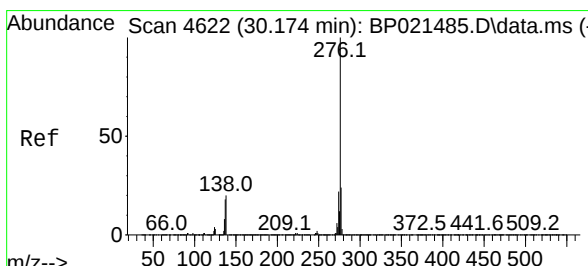
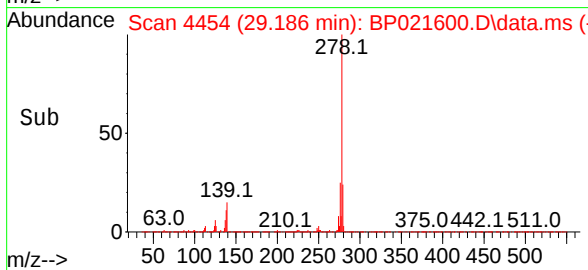
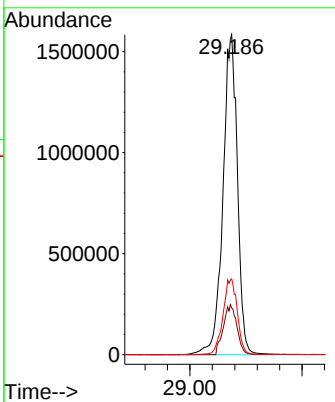
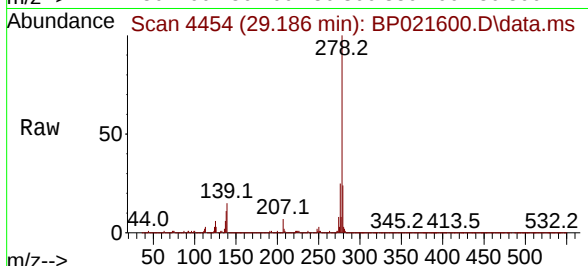


#91
 Dibenzo(a,h)anthracene
 Concen: 50.068 ng
 RT: 29.186 min Scan# 4437
 Delta R.T. 0.100 min
 Lab File: BP021600.D
 Acq: 21 Aug 2024 16:42

Instrument :
 BNA_P
 ClientSampleId :
 PB162878BSD

Tgt Ion: 278 Resp: 7099699

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.2	18.4
279	23.7	19.1	28.7



#92
 Benzo(g,h,i)perylene
 Concen: 47.983 ng
 RT: 30.292 min Scan# 4642
 Delta R.T. 0.118 min
 Lab File: BP021600.D
 Acq: 21 Aug 2024 16:42

Tgt Ion: 276 Resp: 6819614

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	20.2	16.0	24.0

