

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011742.D
 Acq On : 19 Sep 2022 19:14
 Operator : CG/JU
 Sample : N4653-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948MSD

Quant Time: Sep 20 04:47:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	582366	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	2504052	20.000	ng	# 0.00
39) Acenaphthene-d10	14.581	164	1683368	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	3664944	20.000	ng	0.00
76) Chrysene-d12	21.410	240	3673188	20.000	ng	0.00
86) Perylene-d12	23.857	264	1907759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	5092788	159.177	ng	0.01
7) Phenol-d6	7.105	99	6568500	154.013	ng	0.01
23) Nitrobenzene-d5	9.110	82	3894037	92.228	ng	0.01
42) 2,4,6-Tribromophenol	16.075	330	3323208	252.662	ng	0.01
45) 2-Fluorobiphenyl	13.204	172	9692223	89.499	ng	0.00
79) Terphenyl-d14	19.880	244	13777338	81.564	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	551966	39.174	ng	# 58
3) Pyridine	3.799	79	2160247	53.181	ng	# 76
4) n-Nitrosodimethylamine	3.699	42	677425	43.501	ng	# 37
6) Aniline	7.269	93	1128748	21.485	ng	89
8) 2-Chlorophenol	7.505	128	2036083	53.670	ng	89
9) Benzaldehyde	7.075	77	1078384	39.502	ng	88
10) Phenol	7.134	94	2388097	49.784	ng	80
11) bis(2-Chloroethyl)ether	7.363	93	1785554	46.726	ng	91
12) 1,3-Dichlorobenzene	7.828	146	1699243	40.389	ng	# 92
13) 1,4-Dichlorobenzene	7.975	146	1755011	41.018	ng	96
14) 1,2-Dichlorobenzene	8.293	146	1730155	42.418	ng	96
15) Benzyl Alcohol	8.181	79	1188835	39.046	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.475	45	2205838	43.216	ng	91
17) 2-Methylphenol	8.387	107	1727482	55.465	ng	# 90
18) Hexachloroethane	9.022	117	580126	39.201	ng	97
19) n-Nitroso-di-n-propyla...	8.757	70	1410335	51.074	ng	# 79
20) 3+4-Methylphenols	8.716	107	2365152	55.293	ng	92
22) Acetophenone	8.769	105	2882899	49.112	ng	# 85
24) Nitrobenzene	9.152	77	2005649	45.656	ng	# 85
25) Isophorone	9.681	82	4102405	54.926	ng	# 93
26) 2-Nitrophenol	9.863	139	1044382	51.470	ng	# 76
27) 2,4-Dimethylphenol	9.922	122	2028224	64.952	ng	88
28) bis(2-Chloroethoxy)met...	10.163	93	2302250	48.204	ng	98
29) 2,4-Dichlorophenol	10.399	162	2073721	59.949	ng	94
30) 1,2,4-Trichlorobenzene	10.610	180	1715627	44.799	ng	99
31) Naphthalene	10.804	128	5690506	43.792	ng	99
32) Benzoic acid	10.057	122	910812	36.555	ng	# 84
33) 4-Chloroaniline	10.916	127	256689	5.035	ng	# 90
34) Hexachlorobutadiene	11.087	225	981024	46.502	ng	98
35) Caprolactam	11.722	113	320140	28.562	ng	# 65
36) 4-Chloro-3-methylphenol	12.034	107	2238030	60.160	ng	88
37) 2-Methylnaphthalene	12.410	142	4246943	48.836	ng	95
38) 1-Methylnaphthalene	12.628	142	4097577	48.194	ng	99
40) 1,2,4,5-Tetrachloroben...	12.775	216	2168702	48.813	ng	99
41) Hexachlorocyclopentadiene	12.751	237	2573047	116.027	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	1675906	55.455	ng	98

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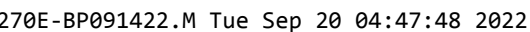
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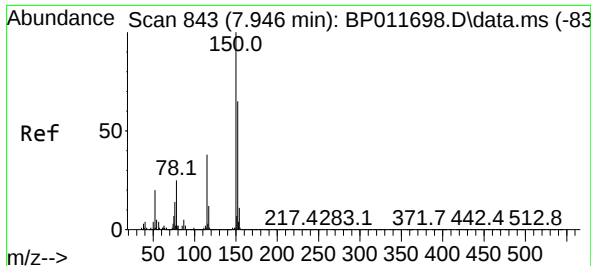
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	1887007	55.846	ng	95
46) 1,1'-Biphenyl	13.416	154	5768114	47.102	ng	99
47) 2-Chloronaphthalene	13.457	162	4364860	45.301	ng	97
48) 2-Nitroaniline	13.663	65	1237858	45.812	ng	# 72
49) Acenaphthylene	14.304	152	7033707	47.179	ng	99
50) Dimethylphthalate	14.039	163	6081593	51.786	ng	99
51) 2,6-Dinitrotoluene	14.157	165	1335376	56.075	ng	# 76
52) Acenaphthene	14.645	154	4329015	43.652	ng	97
53) 3-Nitroaniline	14.487	138	498732	18.090	ng	83
54) 2,4-Dinitrophenol	14.692	184	1356011	97.041	ng	# 75
55) Dibenzofuran	14.981	168	6909874	48.385	ng	96
56) 4-Nitrophenol	14.798	139	2499867	108.036	ng	# 64
57) 2,4-Dinitrotoluene	14.945	165	1865546	53.562	ng	# 75
58) Fluorene	15.628	166	5666729	48.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	1621550	58.415	ng	# 95
60) Diethylphthalate	15.404	149	5995374	51.279	ng	98
61) 4-Chlorophenyl-phenyle...	15.622	204	2865706	53.521	ng	91
62) 4-Nitroaniline	15.651	138	1185347	38.941	ng	# 75
63) Azobenzene	15.916	77	5059709	45.033	ng	86
65) 4,6-Dinitro-2-methylph...	15.704	198	915948	46.557	ng	# 79
66) n-Nitrosodiphenylamine	15.839	169	2802779	25.703	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	1869579	54.493	ng	93
68) Hexachlorobenzene	16.633	284	2126525	57.552	ng	92
69) Atrazine	16.786	200	131079	3.938	ng	98
70) Pentachlorophenol	16.981	266	2877421	122.754	ng	99
71) Phenanthrene	17.375	178	9067119	45.468	ng	97
72) Anthracene	17.469	178	9174113	48.641	ng	97
73) Carbazole	17.733	167	3116346	17.514	ng	99
74) Di-n-butylphthalate	18.286	149	10484227	48.885	ng	# 98
75) Fluoranthene	19.333	202	10725790	49.870	ng	94
77) Benzidine	19.510	184	1095338	12.539	ng	# 96
78) Pyrene	19.686	202	10730353	43.312	ng	96
80) Butylbenzylphthalate	20.557	149	4938435	47.569	ng	87
81) Benzo(a)anthracene	21.398	228	10989255	46.416	ng	95
82) 3,3'-Dichlorobenzidine	21.327	252	548398	7.626	ng	99
83) Chrysene	21.451	228	10209551	45.134	ng	95
84) Bis(2-ethylhexyl)phtha...	21.316	149	7211495	48.286	ng	96
85) Di-n-octyl phthalate	22.257	149	11966455	46.692	ng	# 89
87) Indeno(1,2,3-cd)pyrene	26.427	276	9760353	71.014	ng	96
88) Benzo(b)fluoranthene	23.115	252	11703211	99.187	ng	98
89) Benzo(k)fluoranthene	23.168	252	10871205	91.430	ng	97
90) Benzo(a)pyrene	23.751	252	8680406	89.055	ng	97
91) Dibenzo(a,h)anthracene	26.451	278	9202699	80.636	ng	98
92) Benzo(g,h,i)perylene	27.215	276	7710070	69.295	ng	97

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

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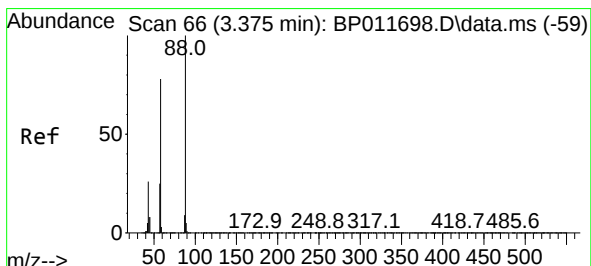
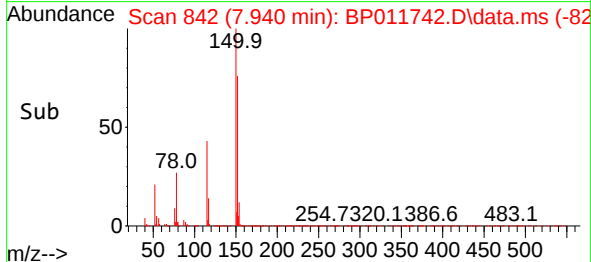
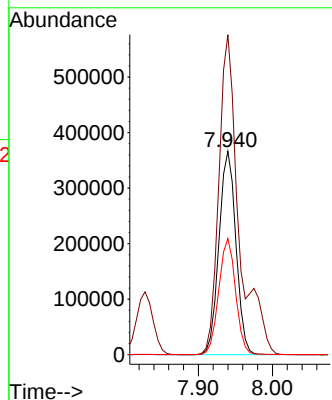
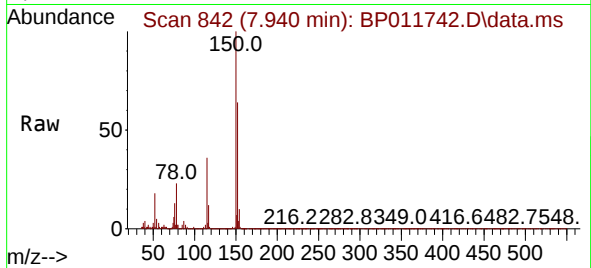




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: BP011742.D
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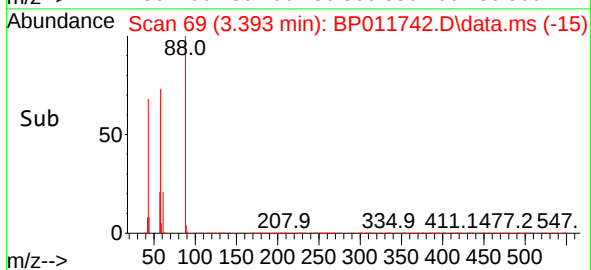
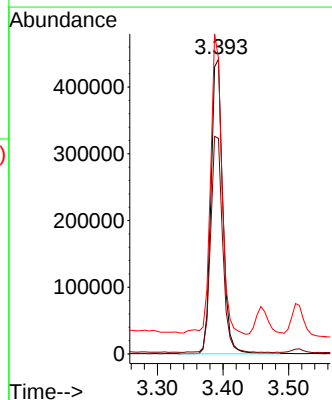
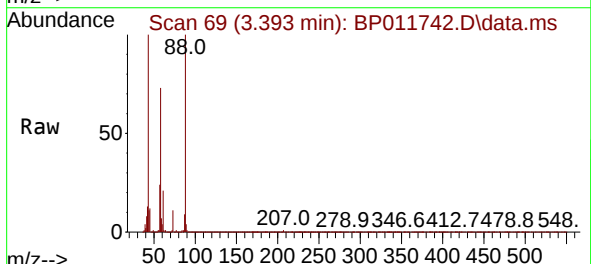
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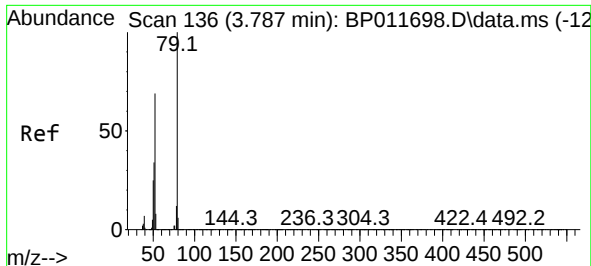
Tgt Ion:152 Resp: 582366
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.4 185.2
 115 57.1 51.3 76.9



#2
 1,4-Dioxane
 Concen: 39.174 ng
 RT: 3.393 min Scan# 69
 Delta R.T. 0.018 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

Tgt Ion: 88 Resp: 551966
 Ion Ratio Lower Upper
 88 100
 58 74.9 74.5 111.7
 43 98.0 31.5 47.3#

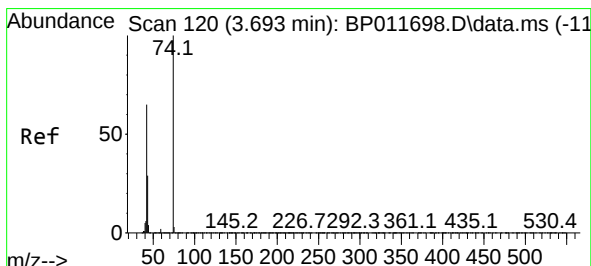
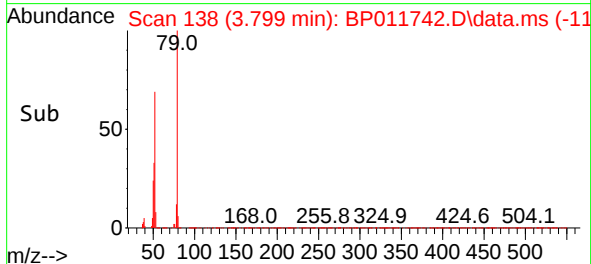
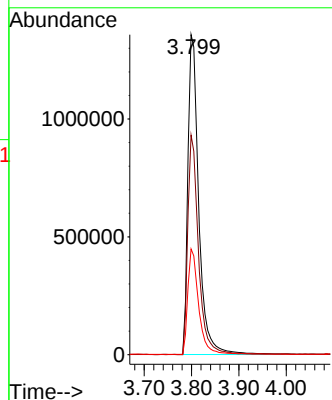
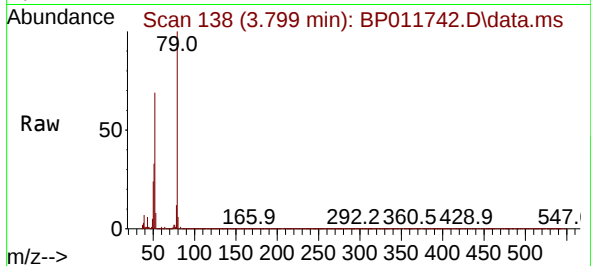




#3
Pyridine
Concen: 53.181 ng
RT: 3.799 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

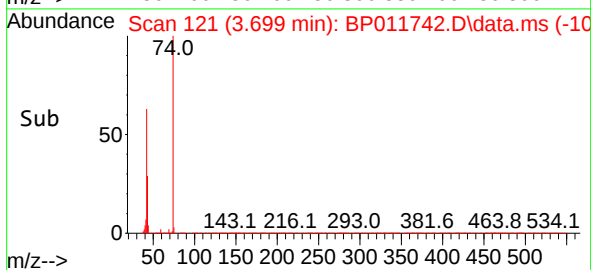
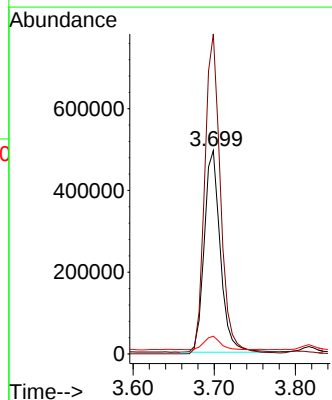
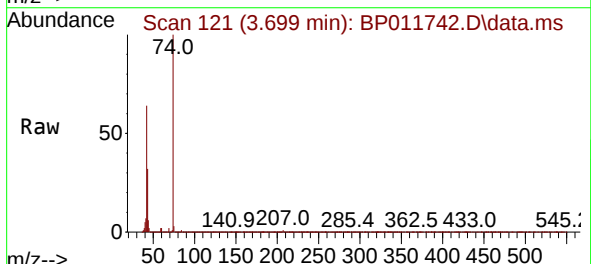
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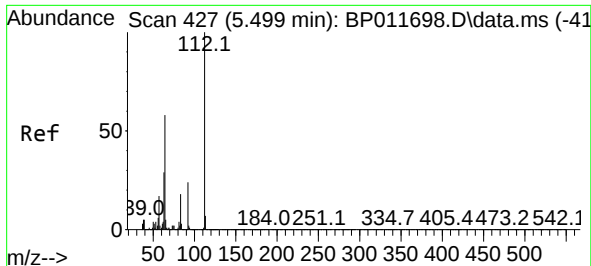
Tgt Ion: 79 Resp: 2160247
Ion Ratio Lower Upper
79 100
52 68.6 73.5 110.3#
51 33.1 38.6 57.8#



#4
n-Nitrosodimethylamine
Concen: 43.501 ng
RT: 3.699 min Scan# 121
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 42 Resp: 677425
Ion Ratio Lower Upper
42 100
74 157.4 74.4 111.6#
44 8.7 5.7 8.5#

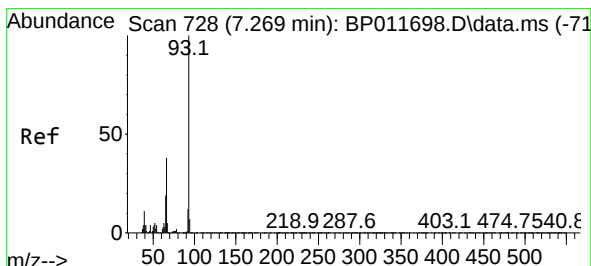
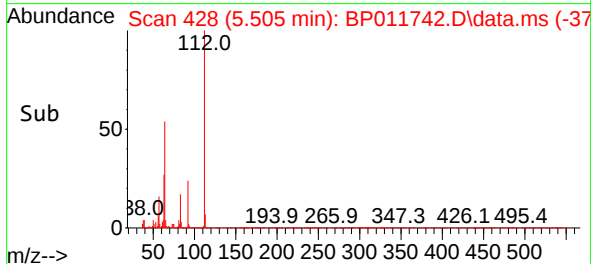
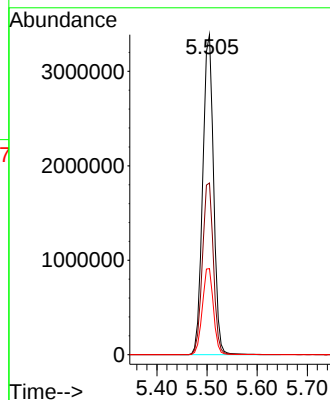
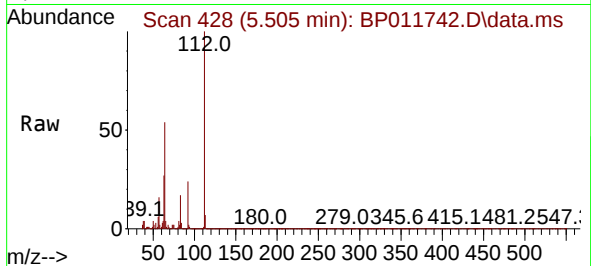




#5
2-Fluorophenol
Concen: 159.177 ng
RT: 5.505 min Scan# 41
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

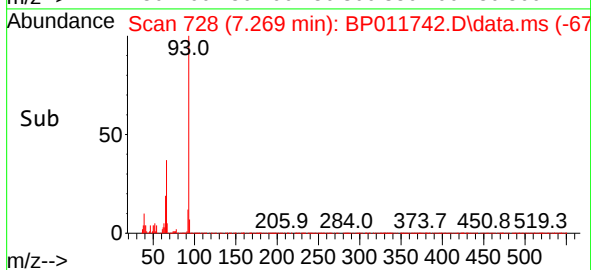
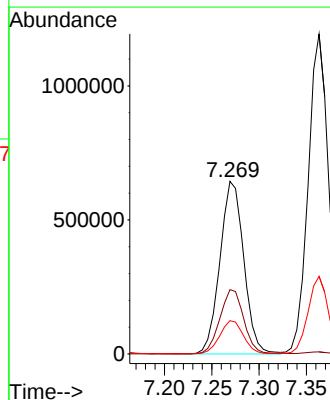
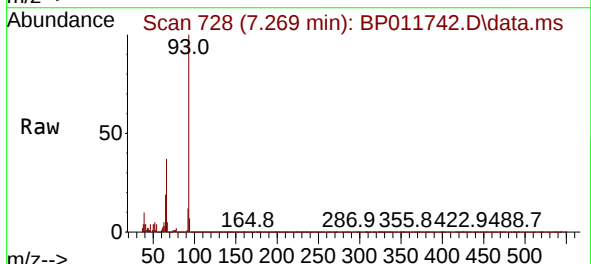
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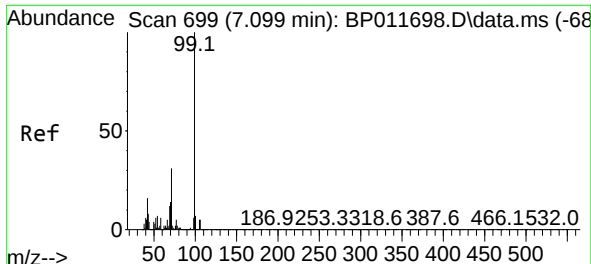
Tgt Ion:112 Resp: 5092788
Ion Ratio Lower Upper
112 100
64 53.7 56.9 85.3#
63 26.9 31.2 46.8#



#6
Aniline
Concen: 21.485 ng
RT: 7.269 min Scan# 728
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 93 Resp: 1128748
Ion Ratio Lower Upper
93 100
66 37.2 36.7 55.1
65 19.3 18.2 27.4

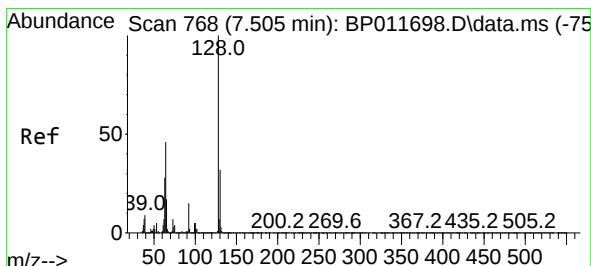
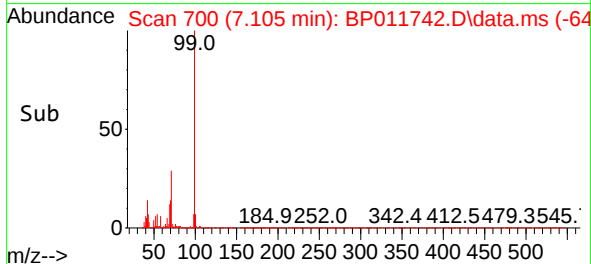
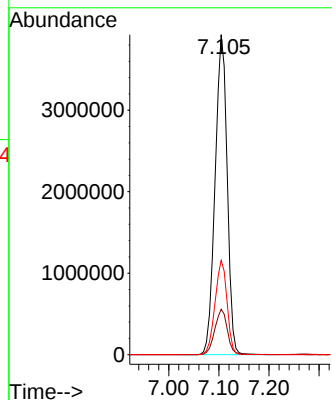
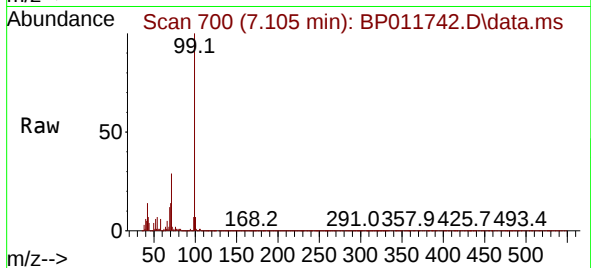




#7
Phenol-d6
Concen: 154.013 ng
RT: 7.105 min Scan# 700
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

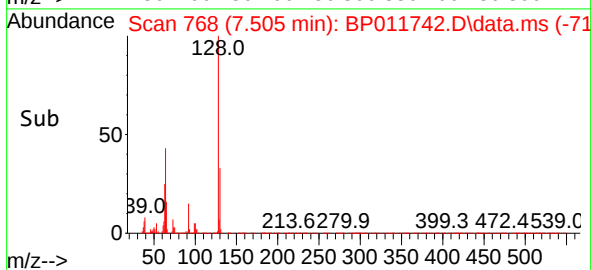
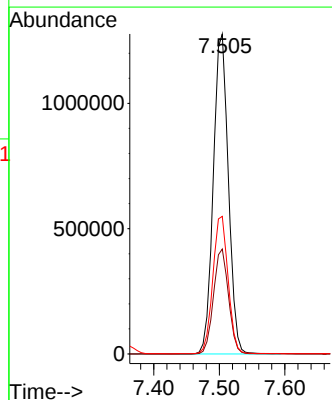
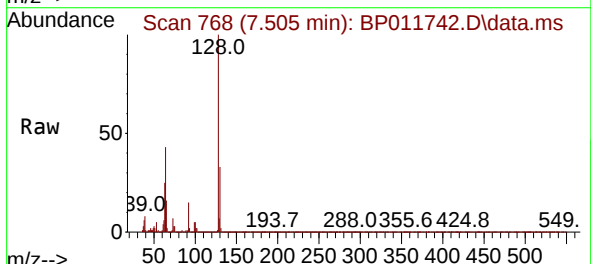
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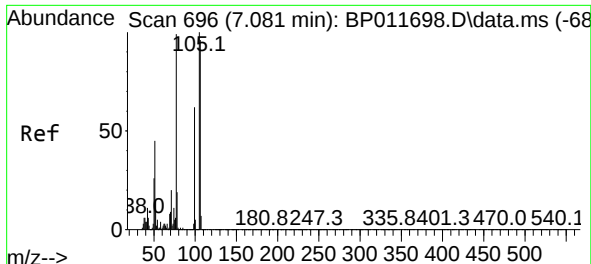
Tgt Ion: 99 Resp: 6568500
Ion Ratio Lower Upper
99 100
42 14.2 20.3 30.5#
71 29.4 33.9 50.9#



#8
2-Chlorophenol
Concen: 53.670 ng
RT: 7.505 min Scan# 768
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 128 Resp: 2036083
Ion Ratio Lower Upper
128 100
130 32.8 11.8 51.8
64 43.0 35.3 75.3

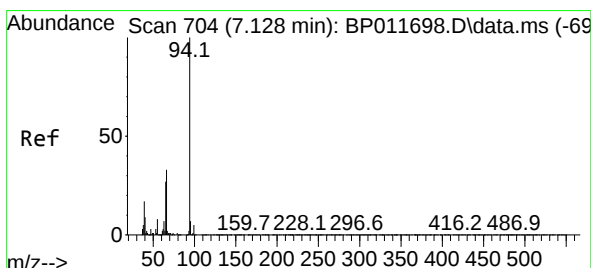
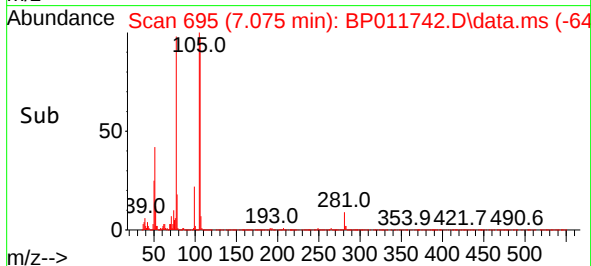
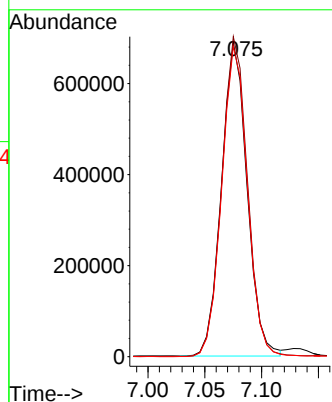
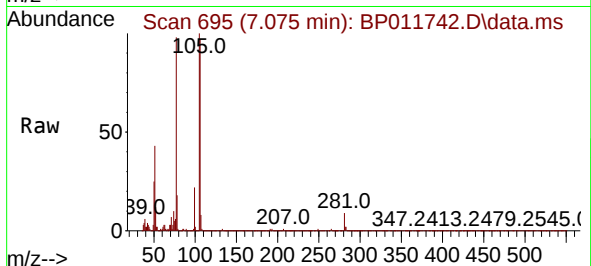




#9
Benzaldehyde
Concen: 39.502 ng
RT: 7.075 min Scan# 696
Delta R.T. 0.000 min
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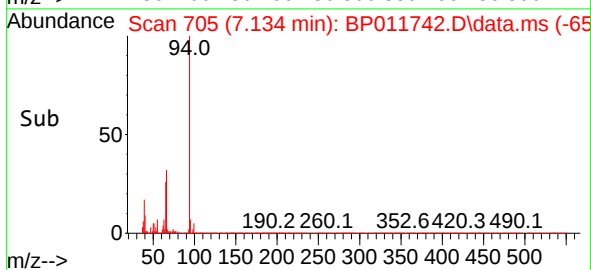
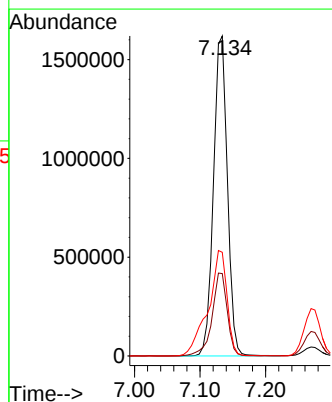
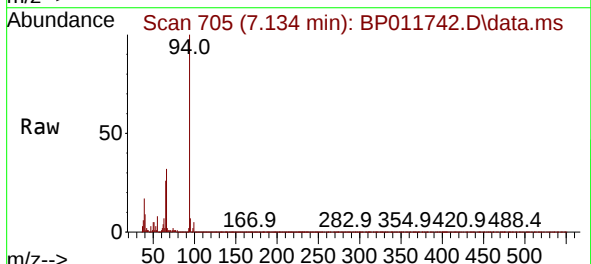
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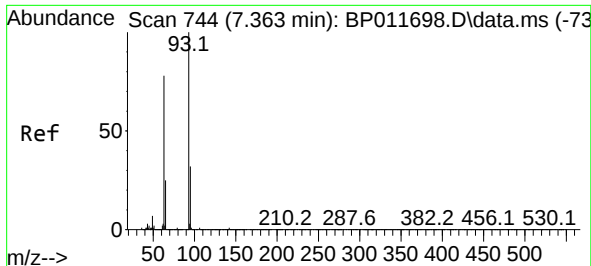
Tgt Ion: 77 Resp: 1078384
Ion Ratio Lower Upper
77 100
105 101.8 71.4 111.4
106 98.8 66.9 106.9



#10
Phenol
Concen: 49.784 ng
RT: 7.134 min Scan# 705
Delta R.T. 0.012 min
Lab File: BP011742.D
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Tgt Ion: 94 Resp: 2388097
Ion Ratio Lower Upper
94 100
65 25.7 14.0 54.0
66 32.4 29.2 69.2

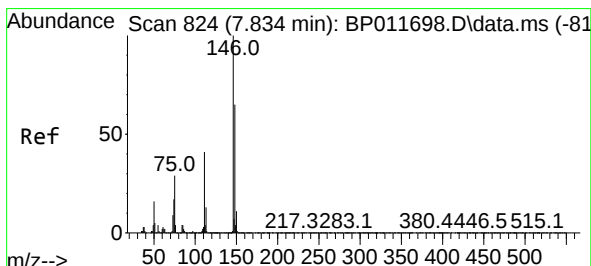
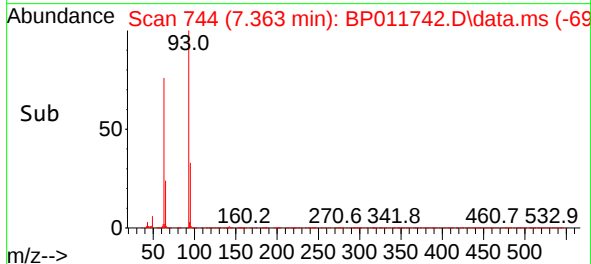
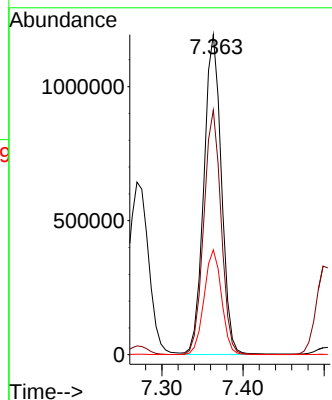
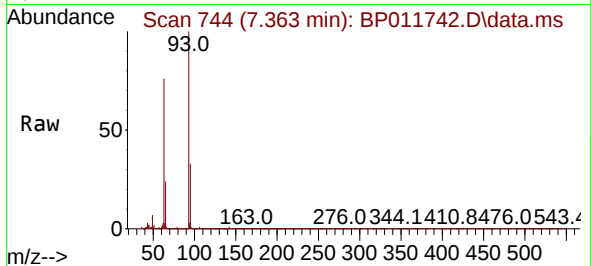




#11
bis(2-Chloroethyl)ether
Concen: 46.726 ng
RT: 7.363 min Scan# 744
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

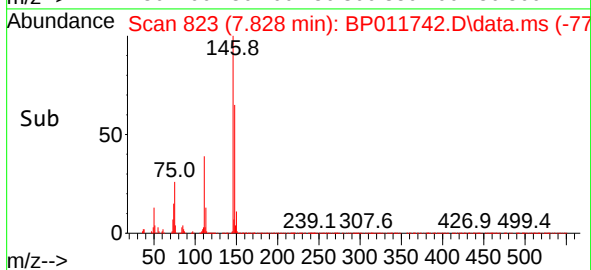
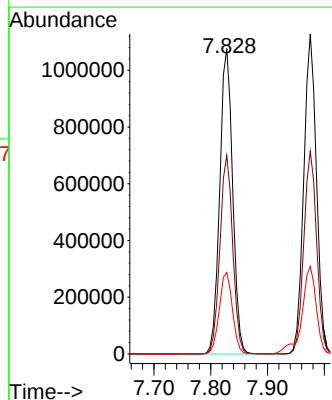
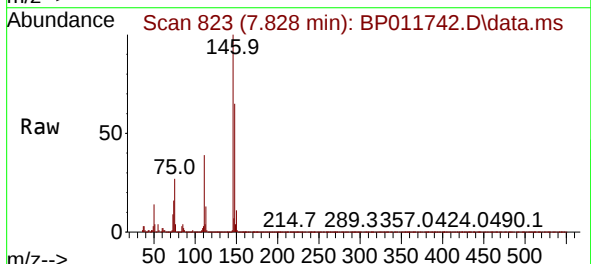
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

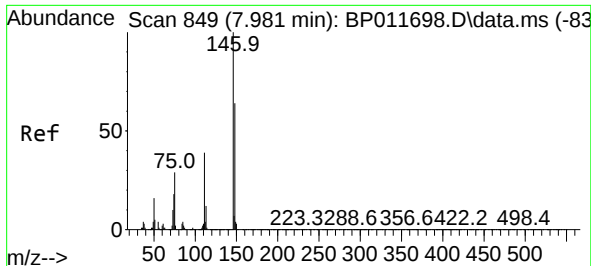
Tgt Ion: 93 Resp: 1785554
Ion Ratio Lower Upper
93 100
63 76.5 68.2 108.2
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.389 ng
RT: 7.828 min Scan# 823
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:146 Resp: 1699243
Ion Ratio Lower Upper
146 100
148 65.0 53.0 79.4
75 26.7 31.3 46.9#





#13

1,4-Dichlorobenzene

Concen: 41.018 ng

RT: 7.975 min Scan# 84

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

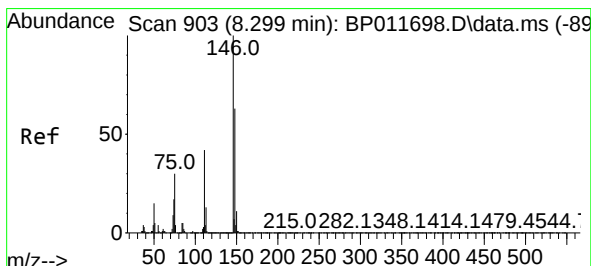
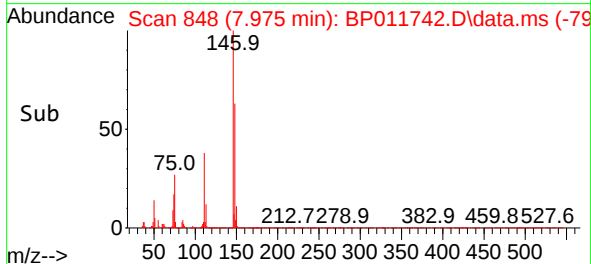
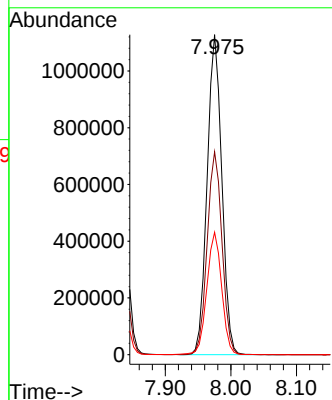
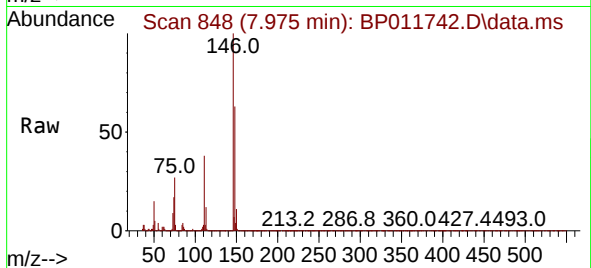
Tgt Ion:146 Resp: 1755011

Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

111 38.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 42.418 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

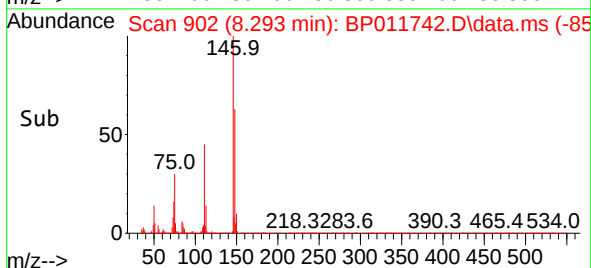
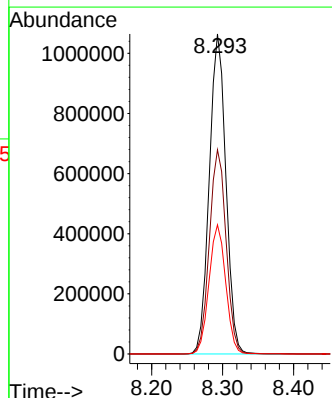
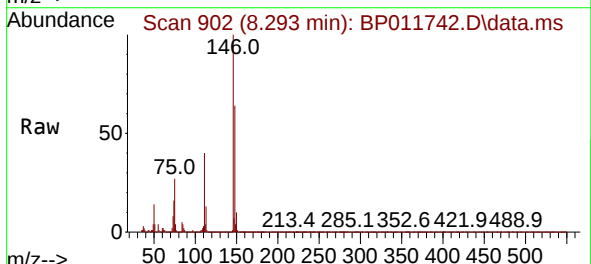
Tgt Ion:146 Resp: 1730155

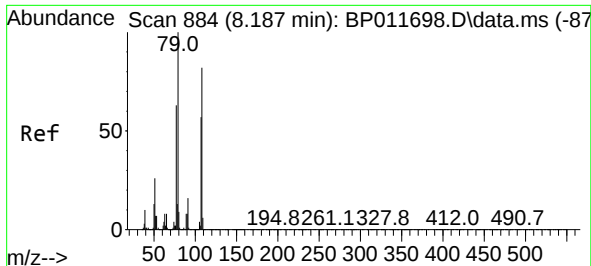
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 40.3 36.6 55.0

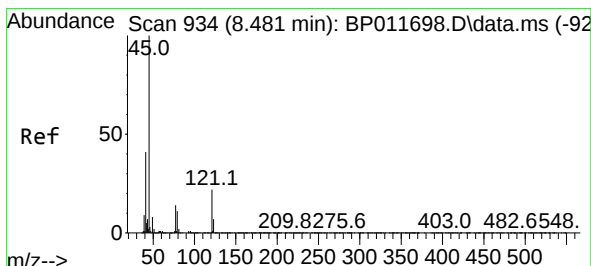
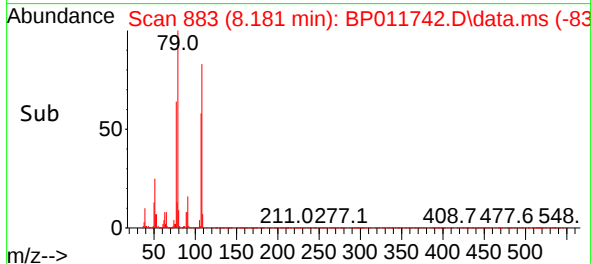
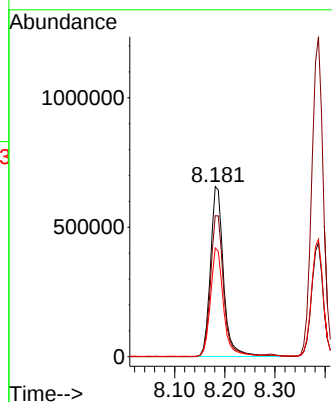
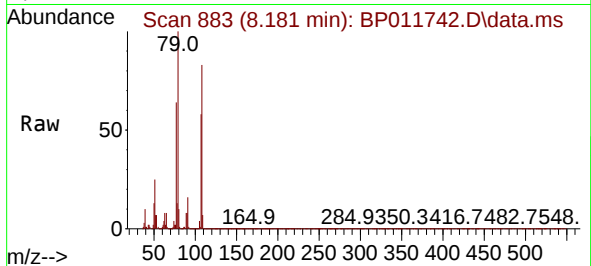




#15
Benzyl Alcohol
Concen: 39.046 ng
RT: 8.181 min Scan# 884
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

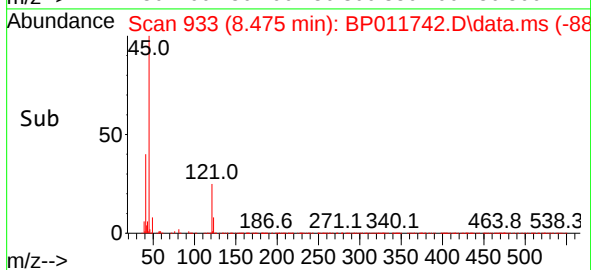
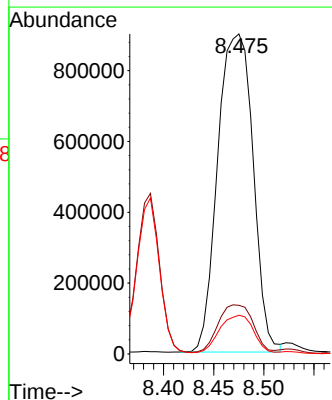
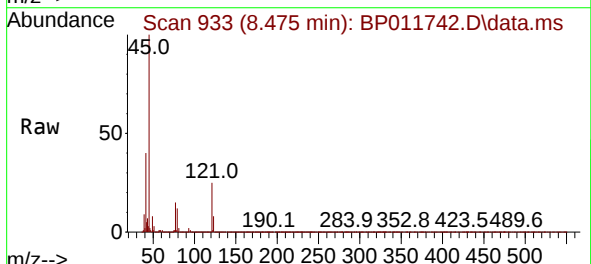
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

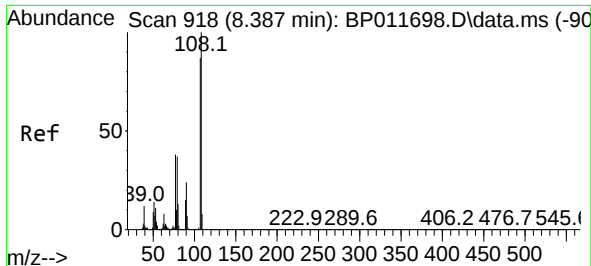
Tgt Ion: 79 Resp: 1188835
Ion Ratio Lower Upper
79 100
108 82.9 53.4 80.0#
77 64.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.216 ng
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 45 Resp: 2205838
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 12.1 0.0 28.8





#17

2-Methylphenol

Concen: 55.465 ng

RT: 8.387 min Scan# 918

Delta R.T. 0.012 min

Lab File: BP011742.D

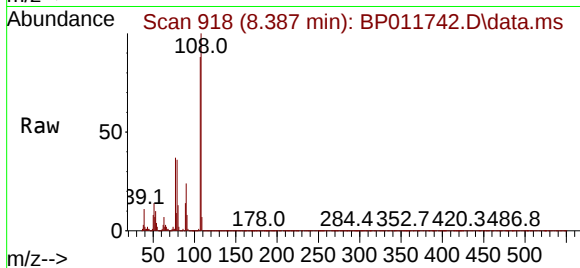
Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD



Tgt Ion:107 Resp: 1727482

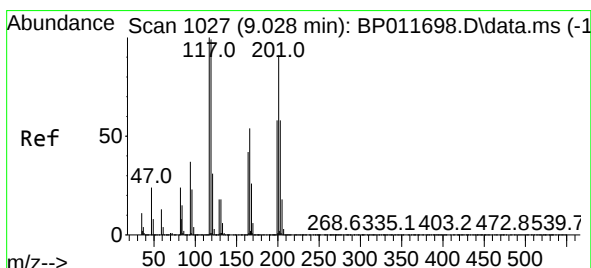
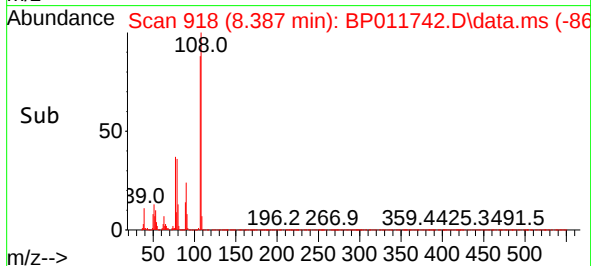
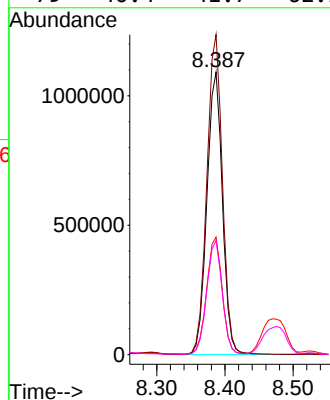
Ion Ratio Lower Upper

107 100

108 113.3 88.9 133.3

77 41.6 44.7 67.1#

79 40.4 41.7 62.5#



#18

Hexachloroethane

Concen: 39.201 ng

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

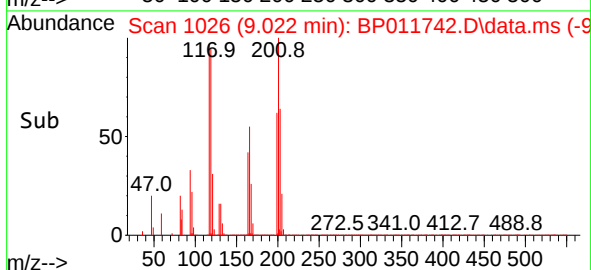
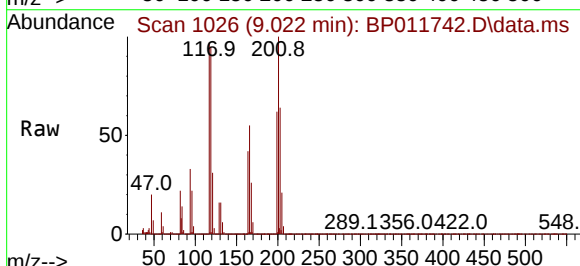
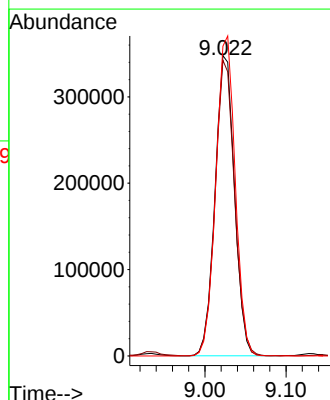
Tgt Ion:117 Resp: 580126

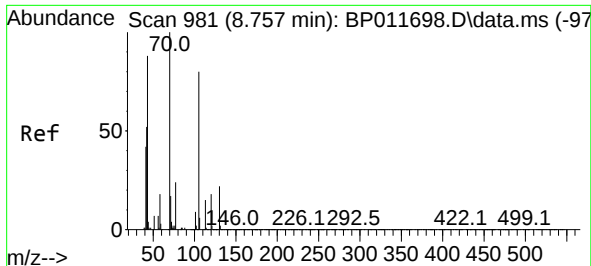
Ion Ratio Lower Upper

117 100

119 98.5 75.6 113.4

201 103.2 80.9 121.3

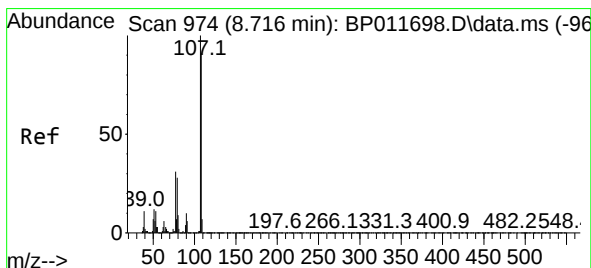
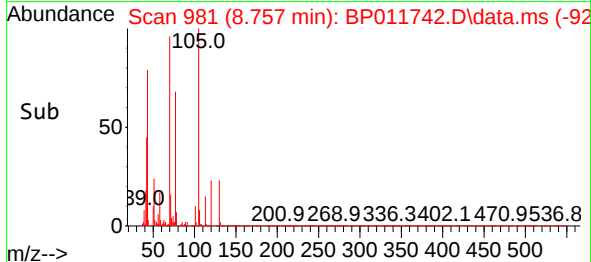
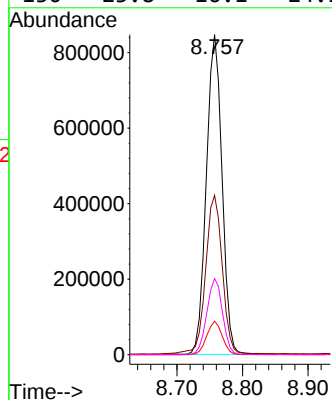
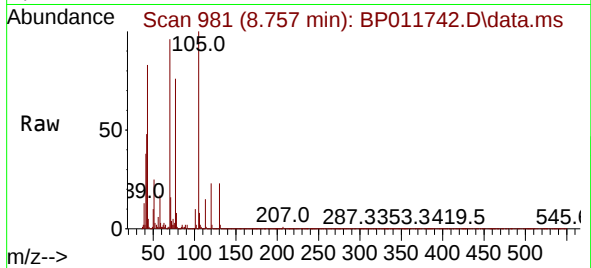




#19
n-Nitroso-di-n-propylamine
Concen: 51.074 ng
RT: 8.757 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

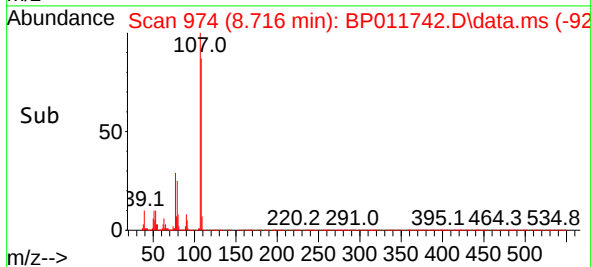
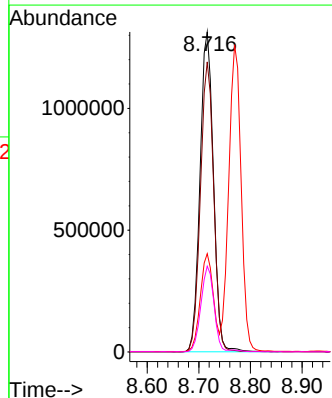
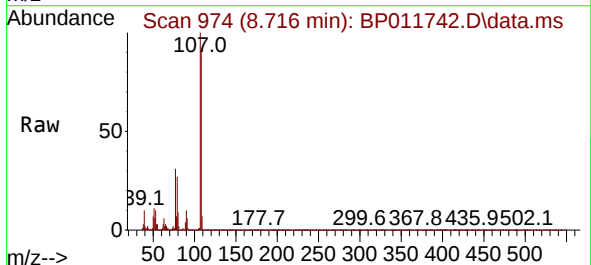
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

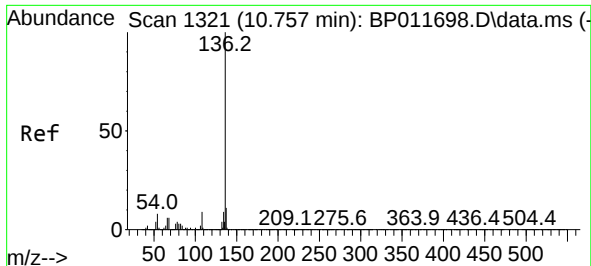
Tgt Ion: 70 Resp: 1410335
Ion Ratio Lower Upper
70 100
42 49.8 58.1 87.1#
101 10.5 8.4 12.6
130 23.8 16.1 24.1



#20
3+4-Methylphenols
Concen: 55.293 ng
RT: 8.716 min Scan# 974
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 107 Resp: 2365152
Ion Ratio Lower Upper
107 100
108 90.6 67.1 107.1
77 30.7 19.2 59.2
79 26.8 14.8 54.8

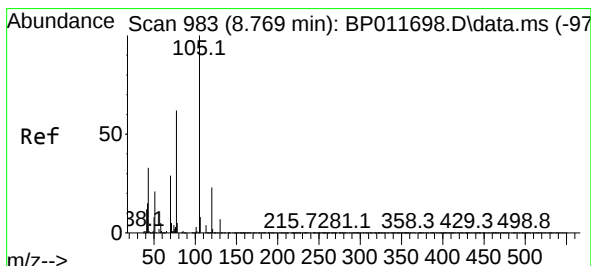
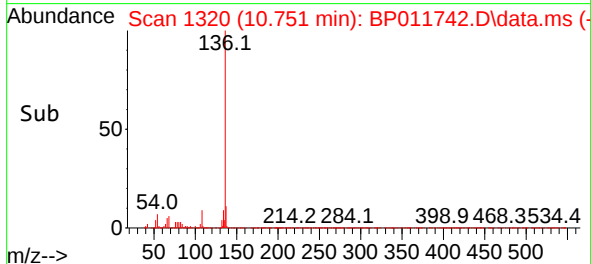
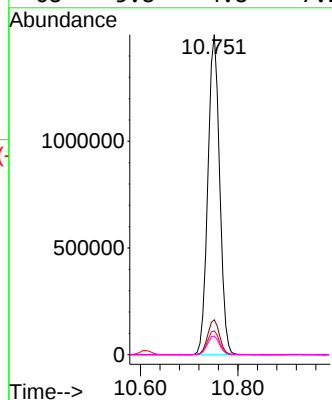
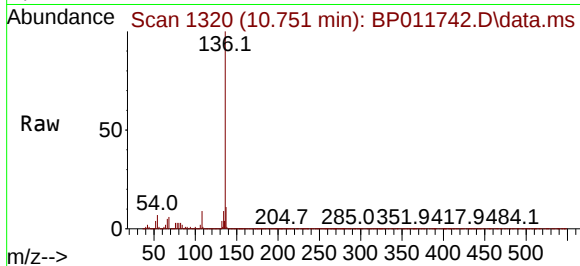




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

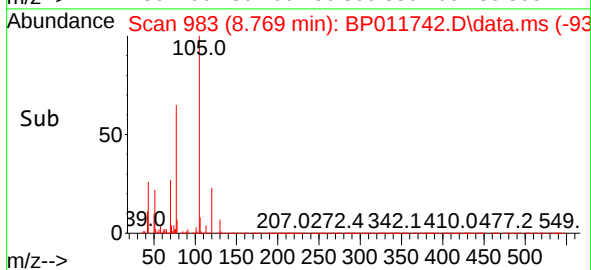
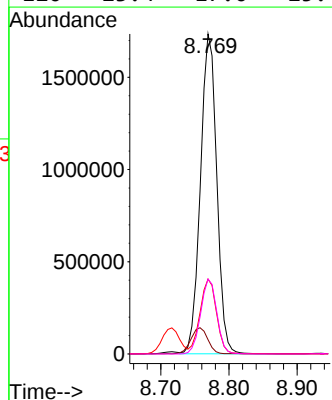
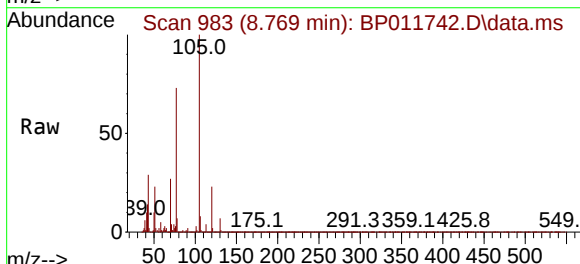
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

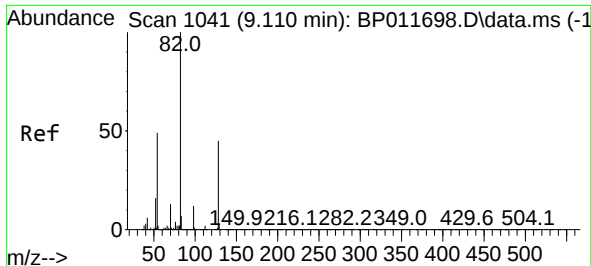
Tgt Ion:136 Resp: 2504052
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.5 8.7 13.1#
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 49.112 ng
RT: 8.769 min Scan# 983
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:105 Resp: 2882899
Ion Ratio Lower Upper
105 100
71 4.4 3.4 5.0
51 23.4 29.5 44.3#
120 23.4 17.0 25.4

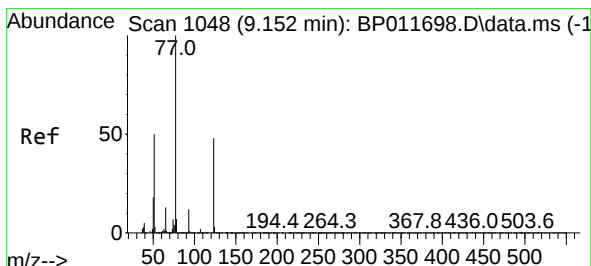
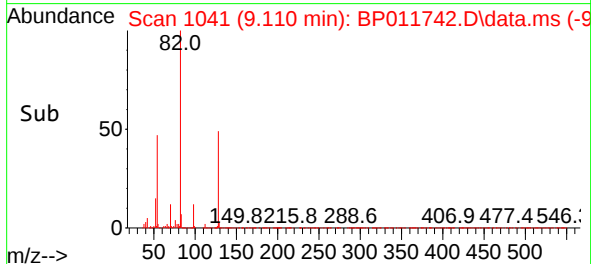
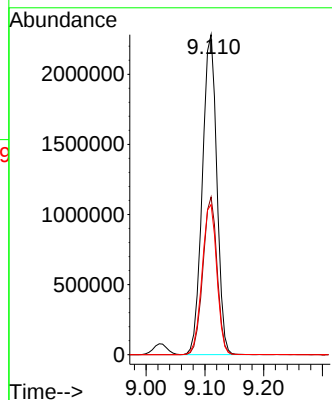
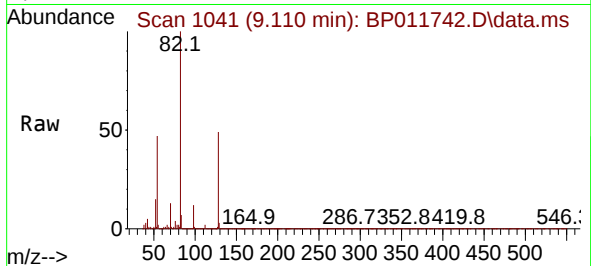




#23
Nitrobenzene-d5
Concen: 92.228 ng
RT: 9.110 min Scan# 1041
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

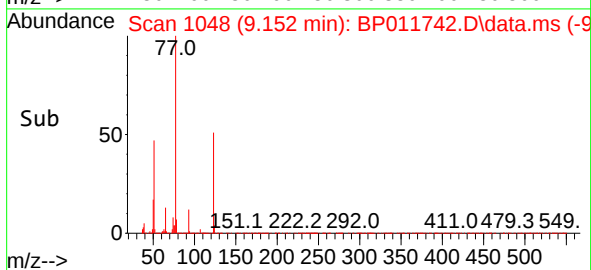
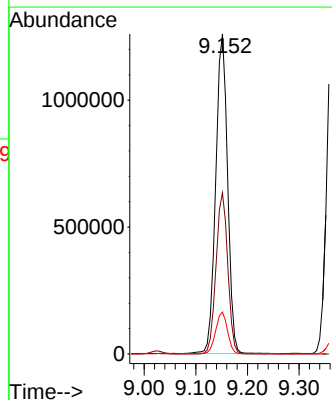
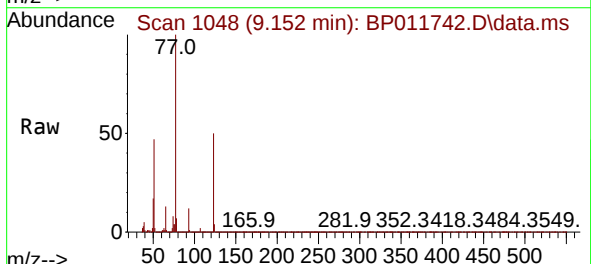
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

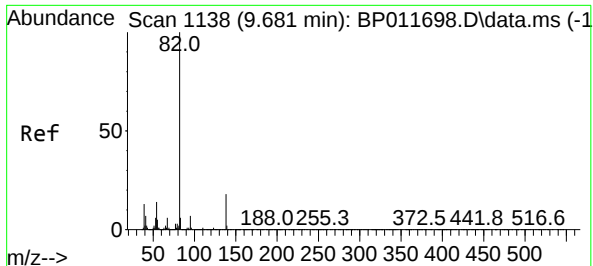
Tgt Ion: 82 Resp: 3894037
Ion Ratio Lower Upper
82 100
128 49.3 31.3 46.9#
54 46.9 49.8 74.8#



#24
Nitrobenzene
Concen: 45.656 ng
RT: 9.152 min Scan# 1048
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 77 Resp: 2005649
Ion Ratio Lower Upper
77 100
123 50.4 31.1 46.7#
65 13.1 12.1 18.1

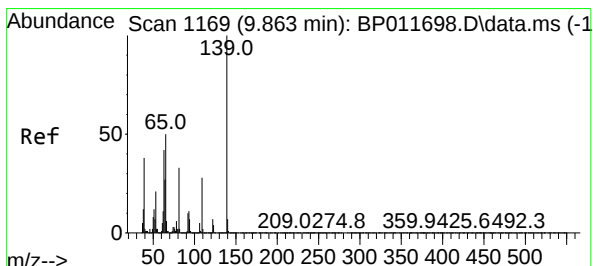
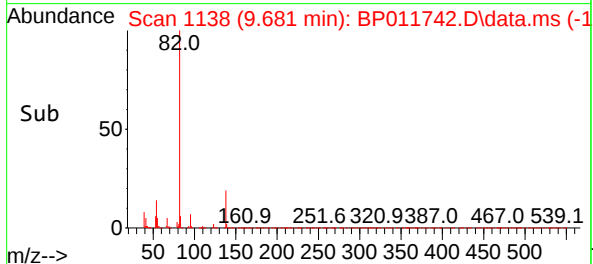
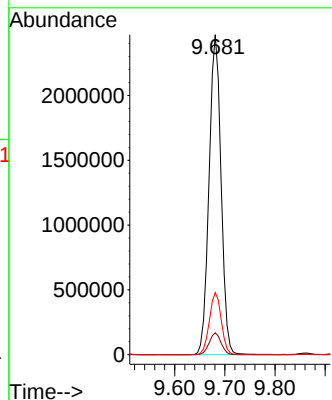
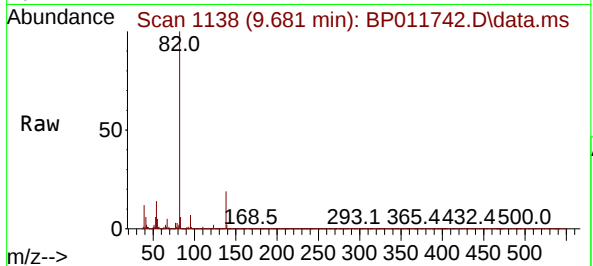




#25
Isophorone
Concen: 54.926 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

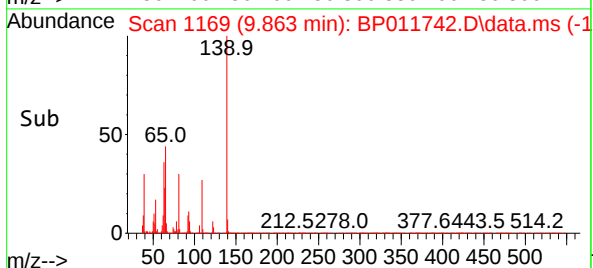
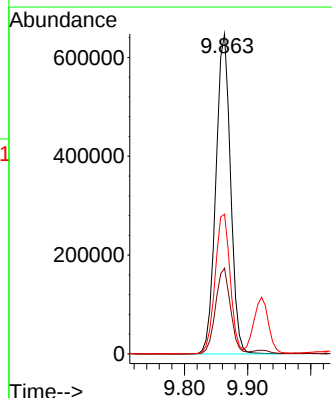
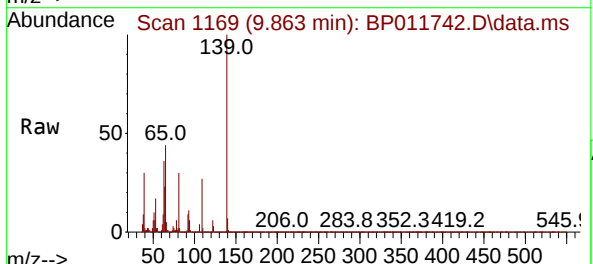
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

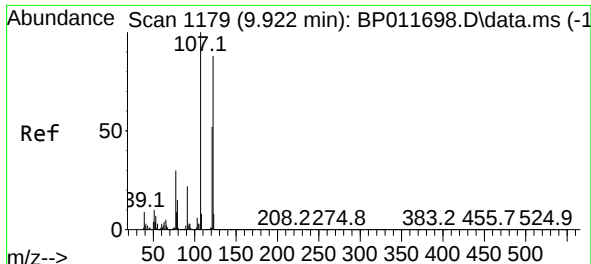
Tgt Ion: 82 Resp: 4102405
Ion Ratio Lower Upper
82 100
95 6.8 6.5 9.7
138 19.4 12.4 18.6#



#26
2-Nitrophenol
Concen: 51.470 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 139 Resp: 1044382
Ion Ratio Lower Upper
139 100
109 26.8 30.2 45.4#
65 43.7 52.2 78.2#





#27

2,4-Dimethylphenol

Concen: 64.952 ng

RT: 9.922 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

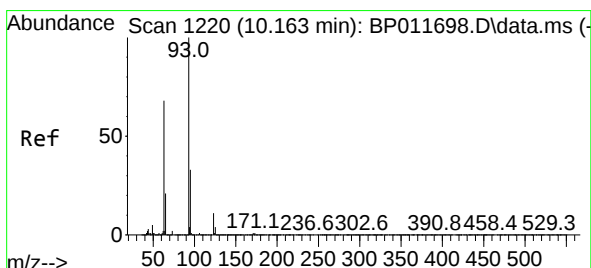
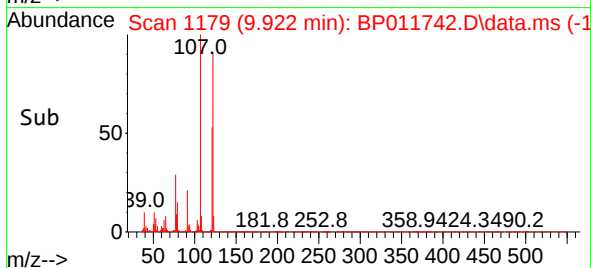
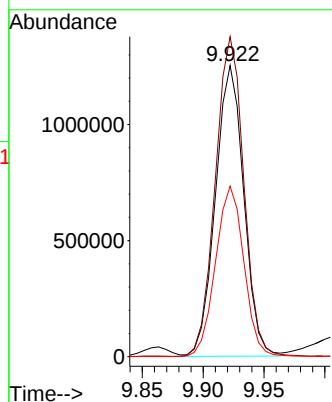
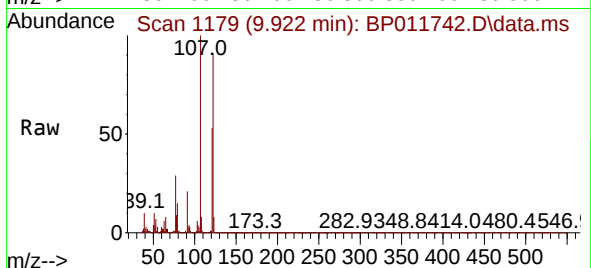
Tgt Ion:122 Resp: 2028224

Ion Ratio Lower Upper

122 100

107 109.9 103.5 155.3

121 58.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 48.204 ng

RT: 10.163 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

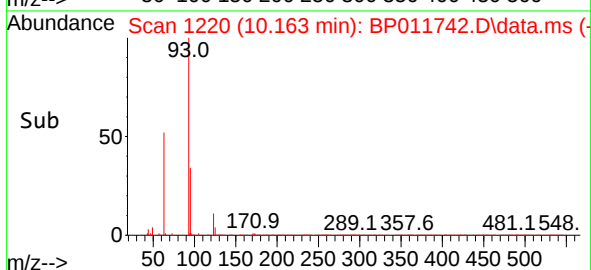
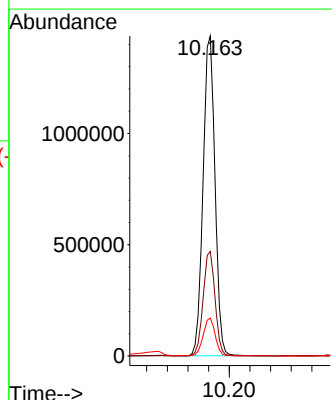
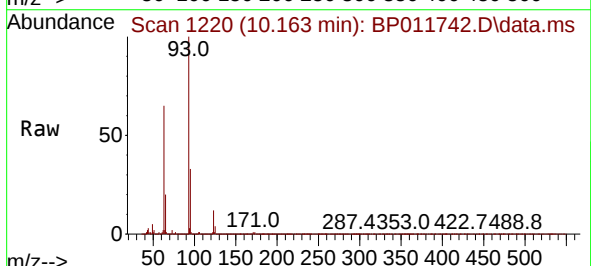
Tgt Ion: 93 Resp: 2302250

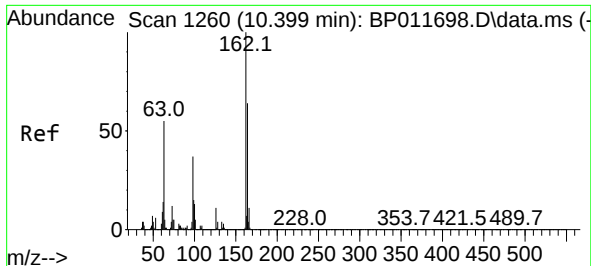
Ion Ratio Lower Upper

93 100

95 32.7 25.0 37.6

123 11.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 59.949 ng

RT: 10.399 min Scan# 1260

Delta R.T. 0.012 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

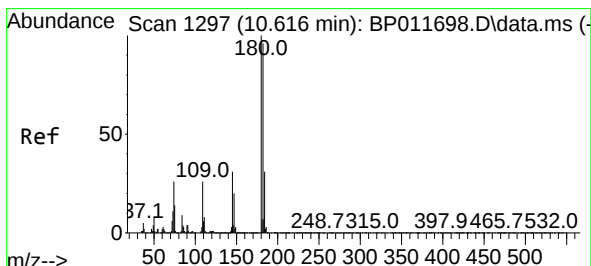
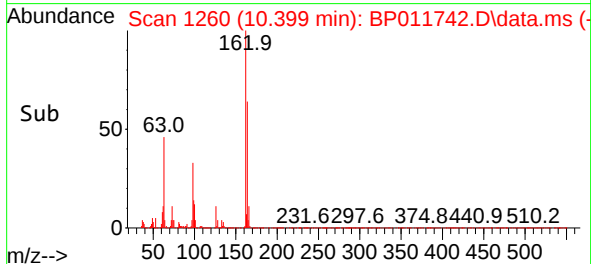
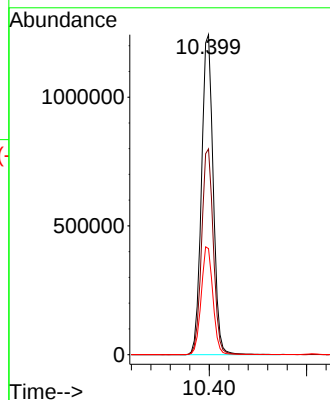
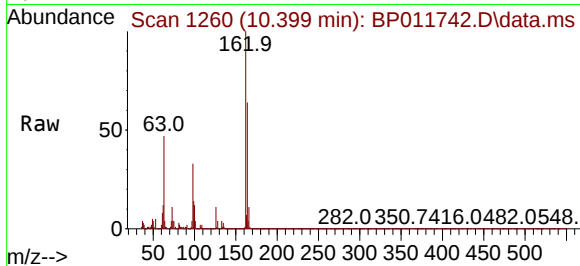
Tgt Ion:162 Resp: 2073721

Ion Ratio Lower Upper

162 100

164 64.3 43.0 83.0

98 33.1 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 44.799 ng

RT: 10.610 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

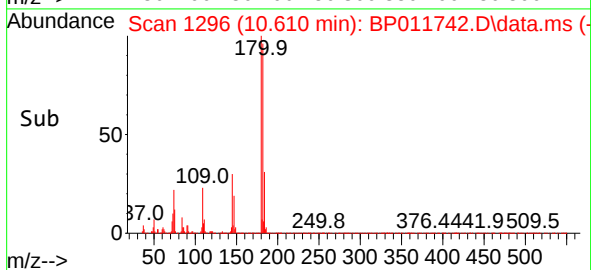
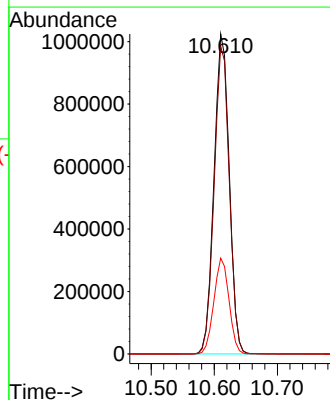
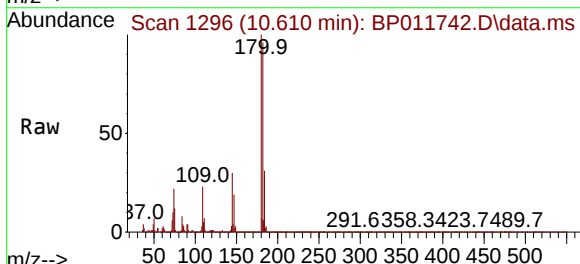
Tgt Ion:180 Resp: 1715627

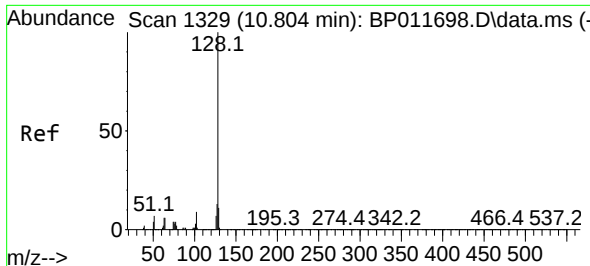
Ion Ratio Lower Upper

180 100

182 96.1 78.0 117.0

145 29.9 24.6 36.8

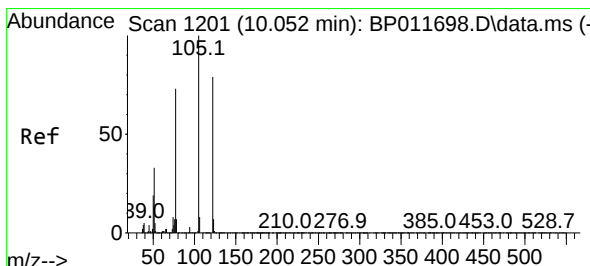
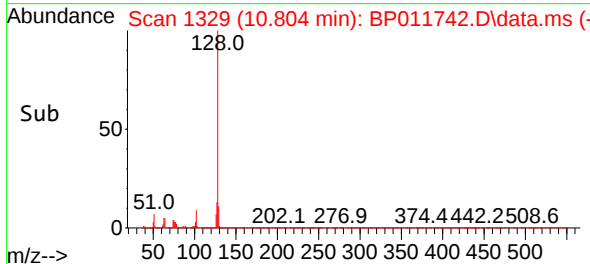
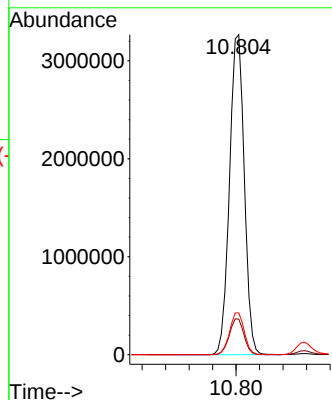
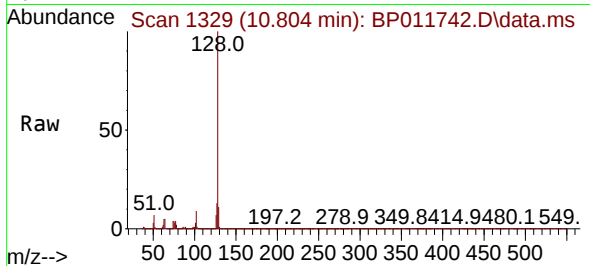




#31
Naphthalene
Concen: 43.792 ng
RT: 10.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

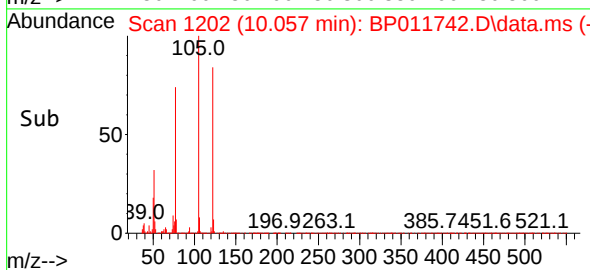
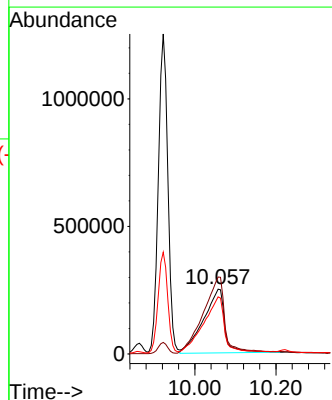
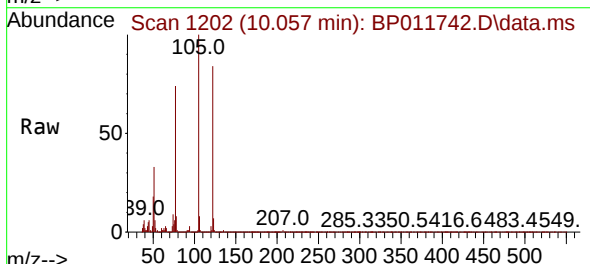
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

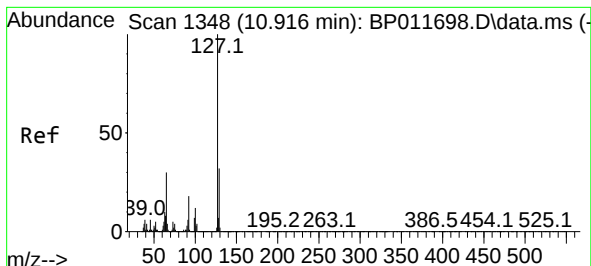
Tgt Ion:128 Resp: 5690506
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 36.555 ng
RT: 10.057 min Scan# 1202
Delta R.T. 0.024 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:122 Resp: 910812
Ion Ratio Lower Upper
122 100
105 118.8 112.6 152.6
77 88.2 90.2 130.2#





#33

4-Chloroaniline

Concen: 5.035 ng

RT: 10.916 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

Tgt Ion:127 Resp: 256689

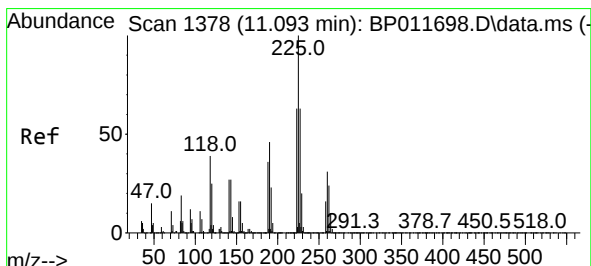
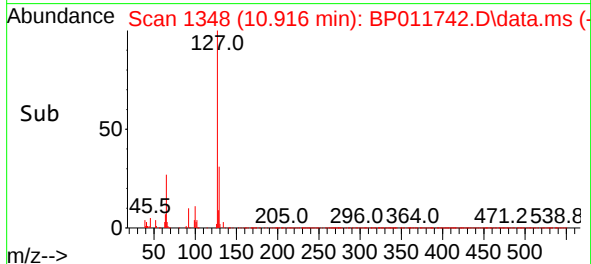
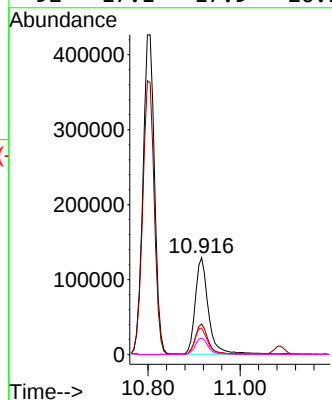
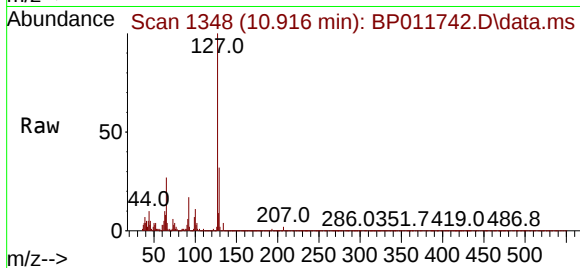
Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 27.4 30.4 45.6#

92 17.1 17.9 26.9#



#34

Hexachlorobutadiene

Concen: 46.502 ng

RT: 11.087 min Scan# 1377

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

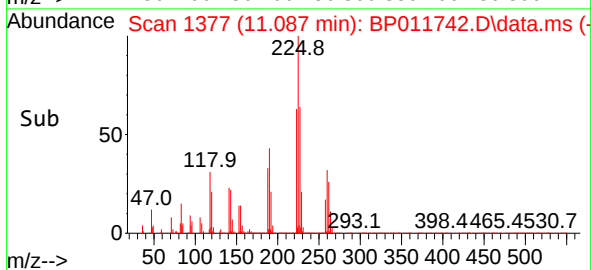
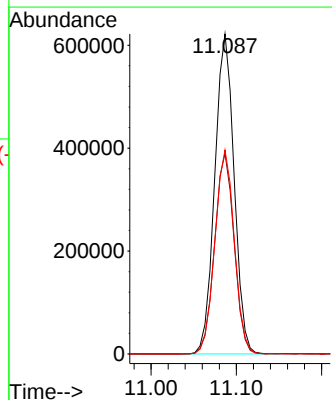
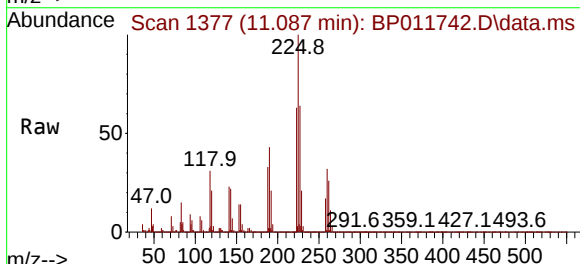
Tgt Ion:225 Resp: 981024

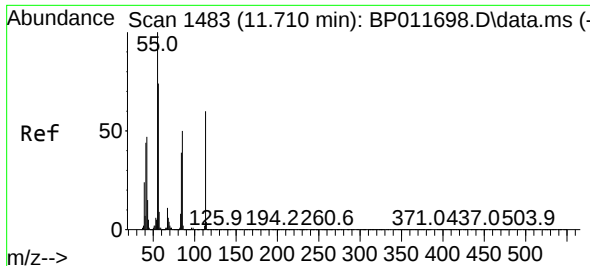
Ion Ratio Lower Upper

225 100

223 62.6 52.2 78.4

227 63.8 50.8 76.2

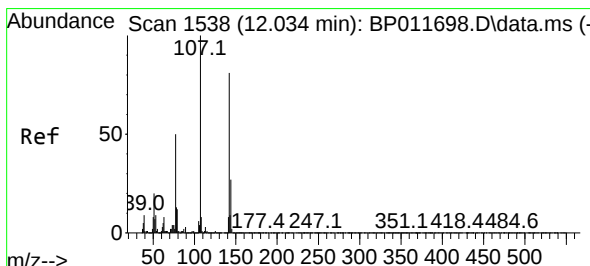
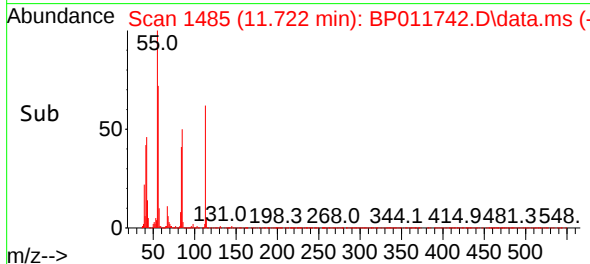
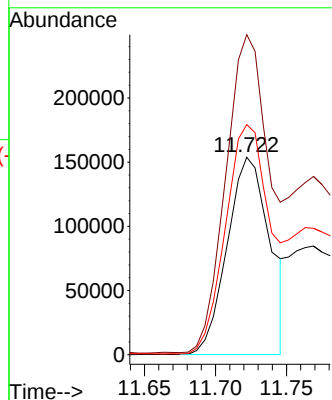
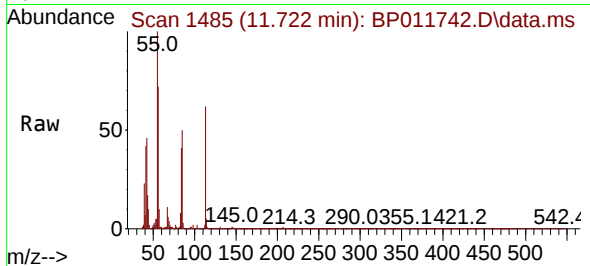




#35
Caprolactam
Concen: 28.562 ng
RT: 11.722 min Scan# 1485
Delta R.T. 0.024 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

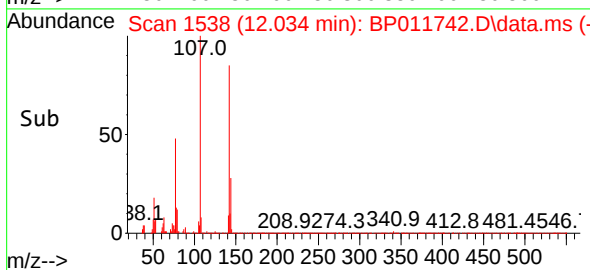
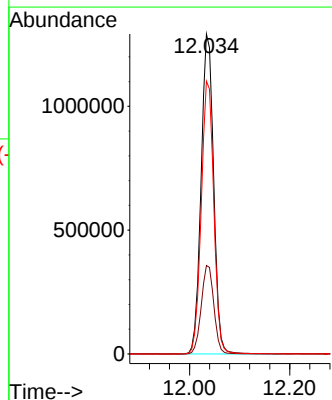
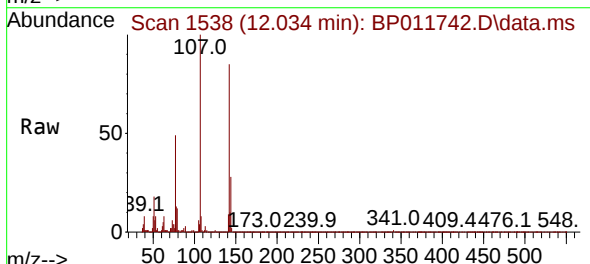
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

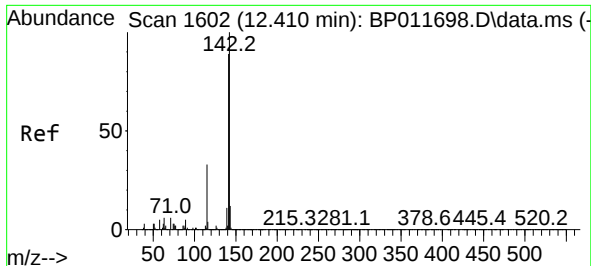
Tgt Ion:113 Resp: 320140
Ion Ratio Lower Upper
113 100
55 162.1 198.6 238.6#
56 116.5 142.7 182.7#



#36
4-Chloro-3-methylphenol
Concen: 60.160 ng
RT: 12.034 min Scan# 1538
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:107 Resp: 2238030
Ion Ratio Lower Upper
107 100
144 27.7 19.8 29.6
142 85.3 59.0 88.4

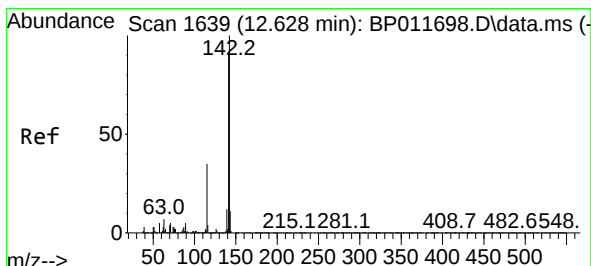
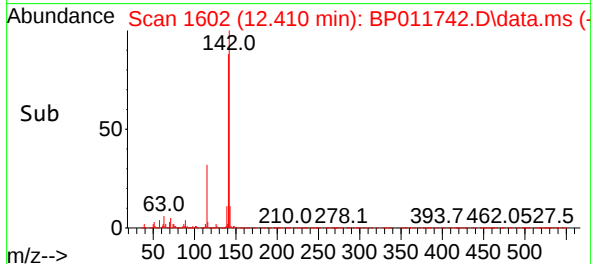
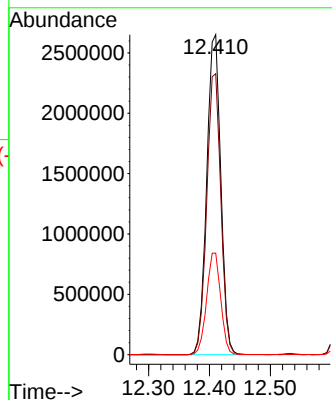
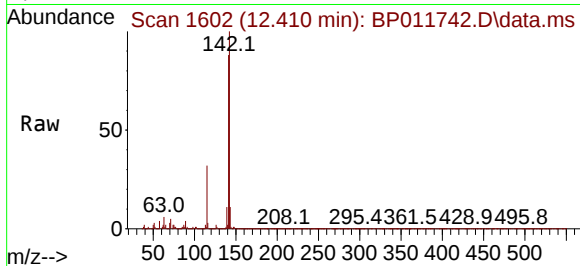




#37
2-Methylnaphthalene
Concen: 48.836 ng
RT: 12.410 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

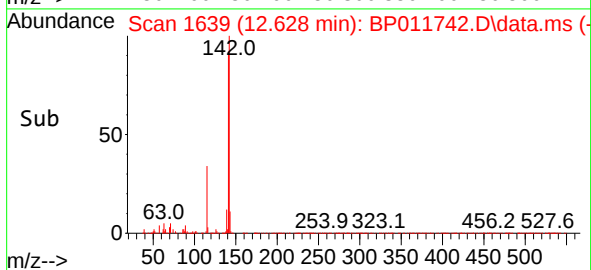
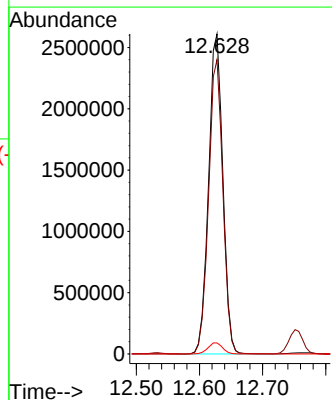
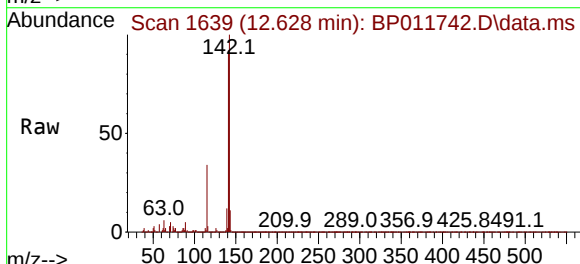
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

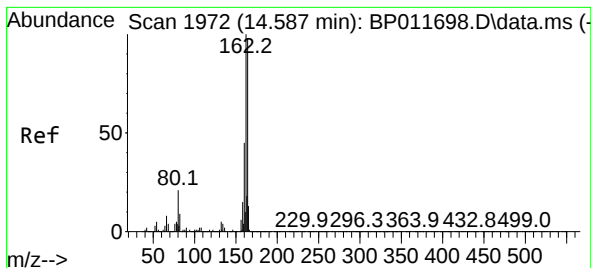
Tgt Ion:142 Resp: 4246943
Ion Ratio Lower Upper
142 100
141 87.8 71.3 106.9
115 31.8 31.4 47.2



#38
1-Methylnaphthalene
Concen: 48.194 ng
RT: 12.628 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:142 Resp: 4097577
Ion Ratio Lower Upper
142 100
141 92.0 72.6 108.8
116 3.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1972

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

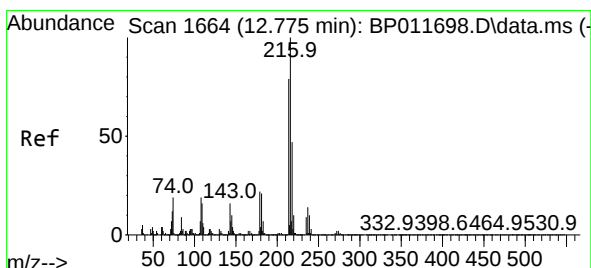
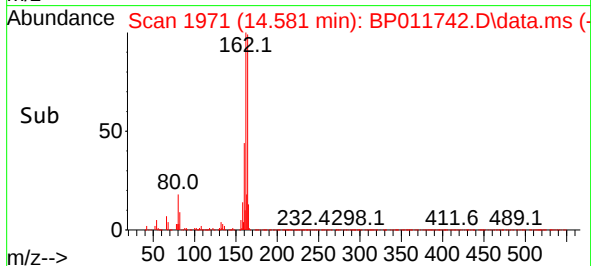
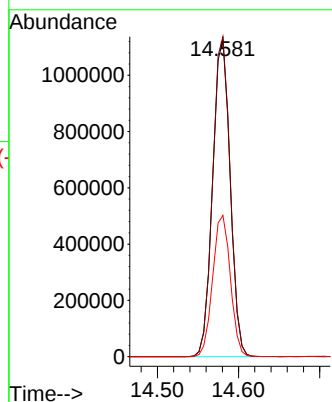
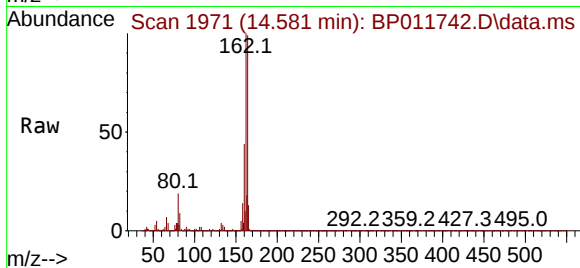
Tgt Ion:164 Resp: 1683368

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

160 44.5 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.813 ng

RT: 12.775 min Scan# 1664

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Tgt Ion:216 Resp: 2168702

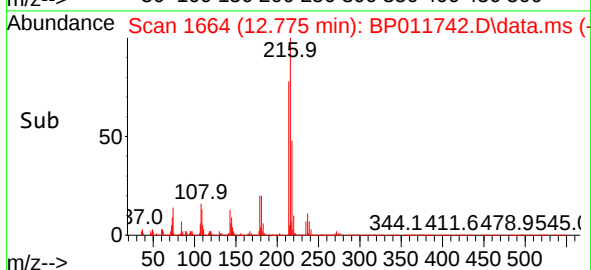
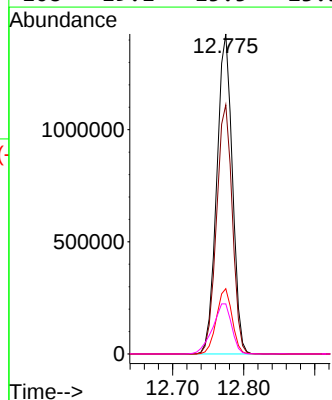
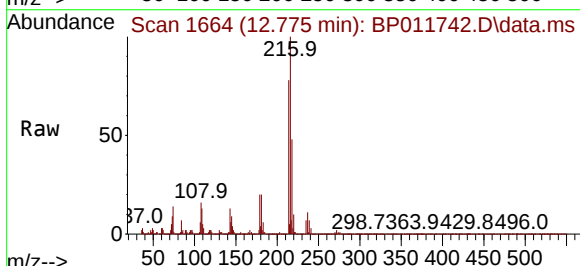
Ion Ratio Lower Upper

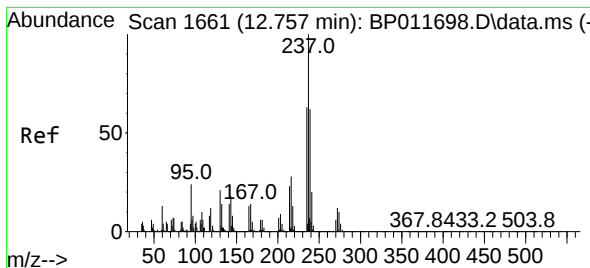
216 100

214 78.5 61.9 92.9

179 20.4 17.0 25.6

108 19.1 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 116.027 ng

RT: 12.751 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

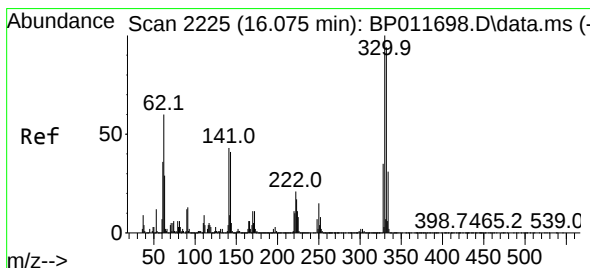
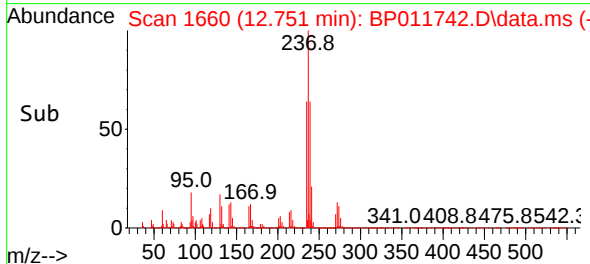
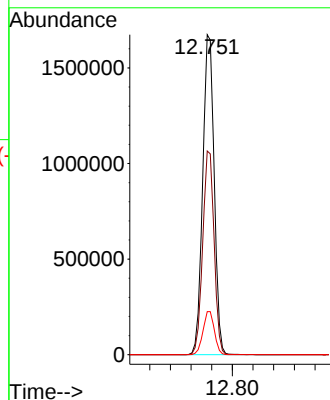
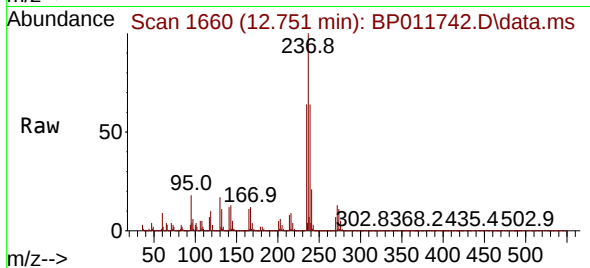
Tgt Ion:237 Resp: 2573047

Ion Ratio Lower Upper

237 100

235 63.7 43.3 83.3

272 13.5 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 252.662 ng

RT: 16.075 min Scan# 2225

Delta R.T. 0.012 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

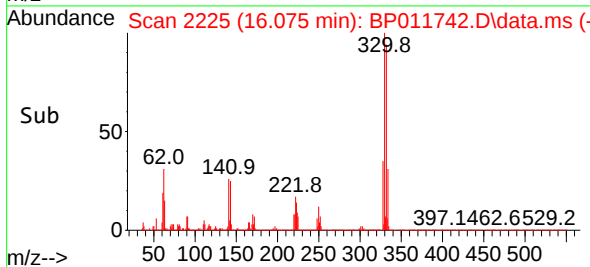
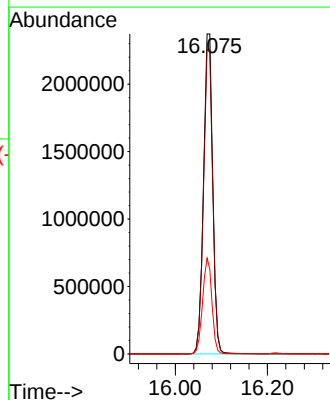
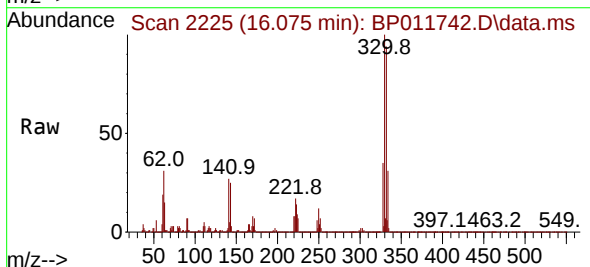
Tgt Ion:330 Resp: 3323208

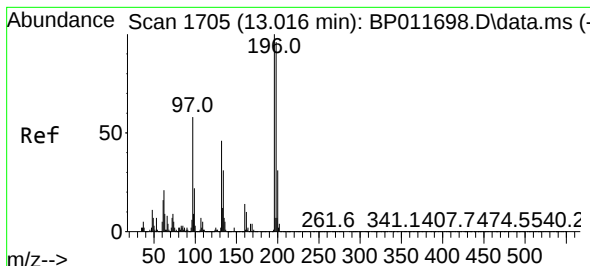
Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 30.2 31.4 47.2#





#43

2,4,6-Trichlorophenol

Concen: 55.455 ng

RT: 13.010 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

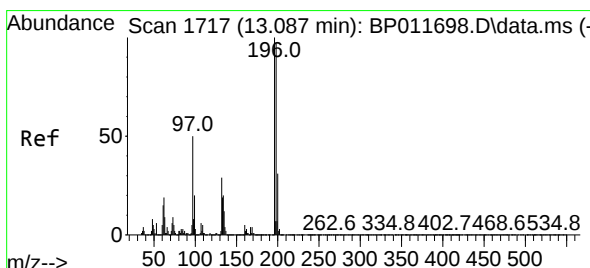
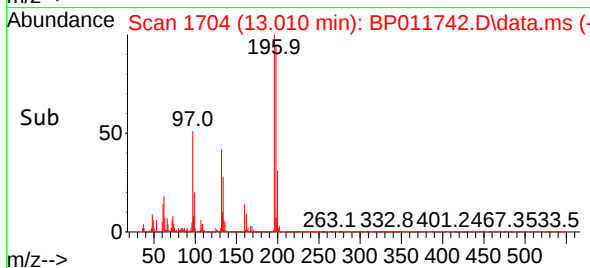
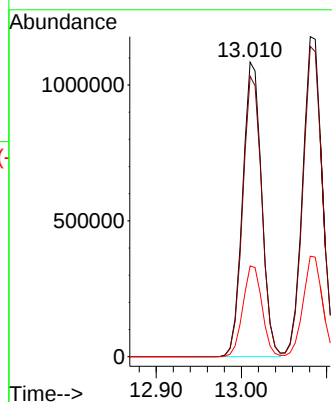
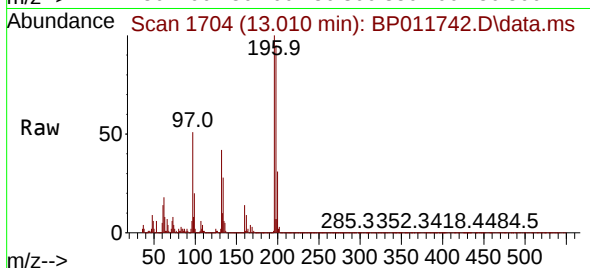
Tgt Ion:196 Resp: 1675906

Ion Ratio Lower Upper

196 100

198 95.2 77.7 116.5

200 30.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 55.846 ng

RT: 13.081 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Tgt Ion:196 Resp: 1887007

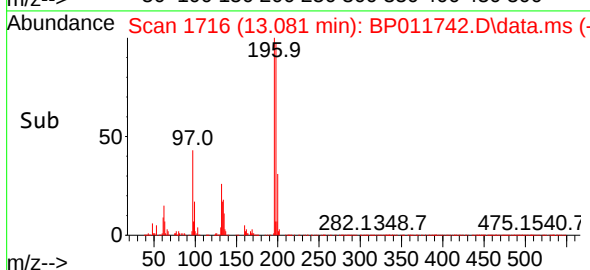
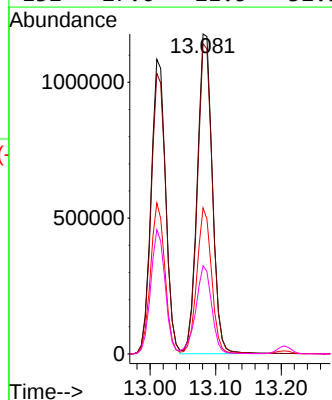
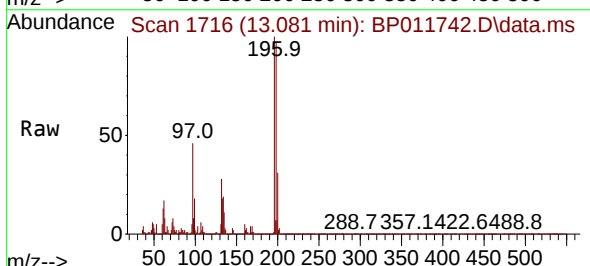
Ion Ratio Lower Upper

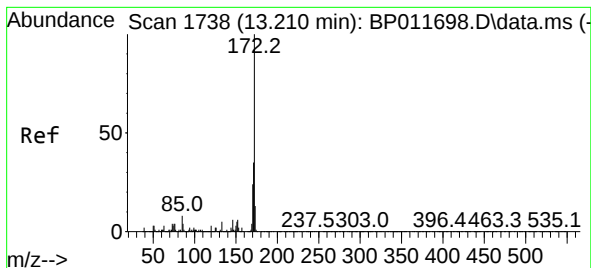
196 100

198 97.0 75.7 113.5

97 45.7 42.4 63.6

132 27.6 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 89.499 ng

RT: 13.204 min Scan# 1737

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

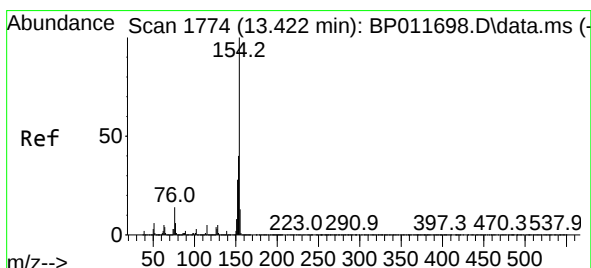
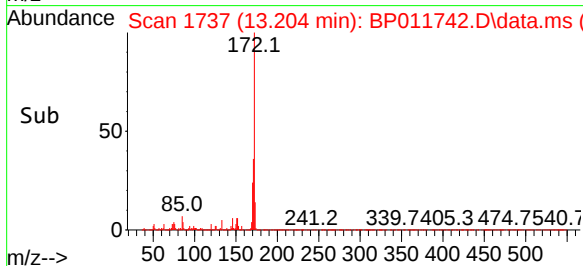
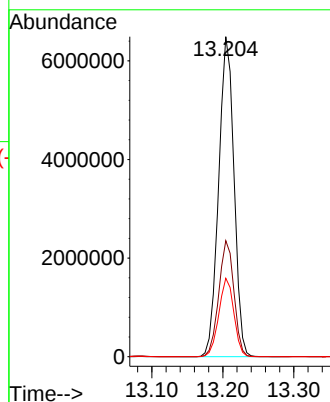
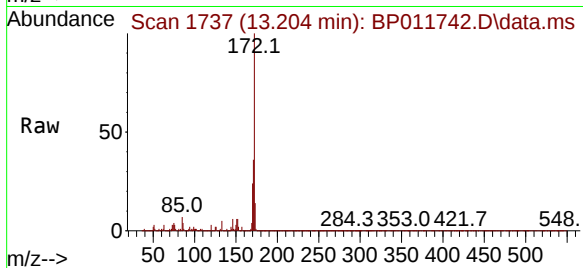
Tgt Ion:172 Resp: 9692223

Ion Ratio Lower Upper

172 100

171 36.3 27.9 41.9

170 24.5 18.2 27.2



#46

1,1'-Biphenyl

Concen: 47.102 ng

RT: 13.416 min Scan# 1773

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

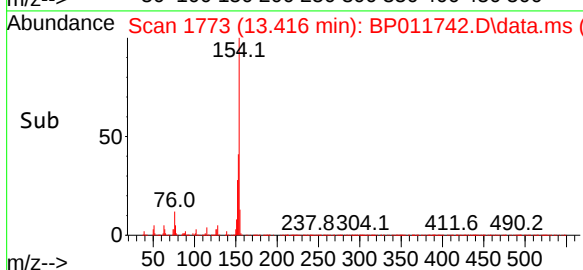
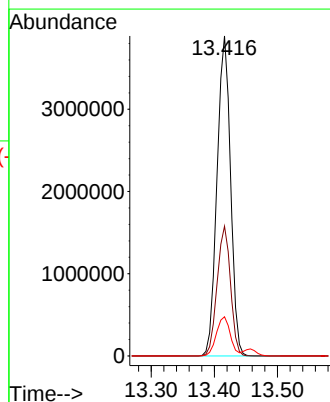
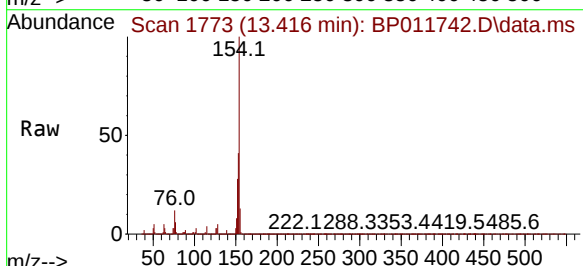
Tgt Ion:154 Resp: 5768114

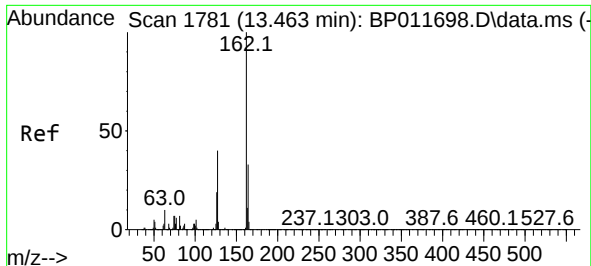
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.3 0.0 33.2

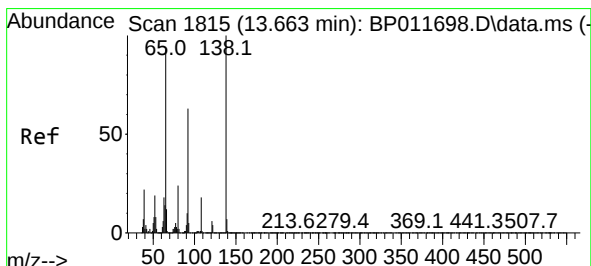
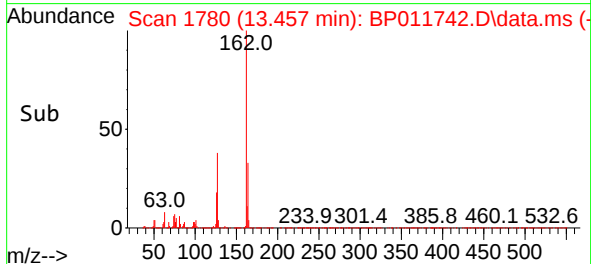
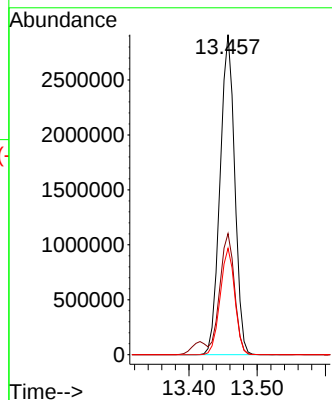
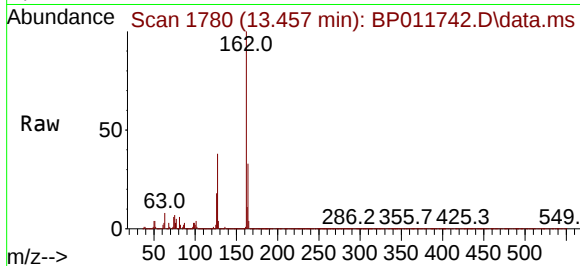




#47
2-Chloronaphthalene
Concen: 45.301 ng
RT: 13.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

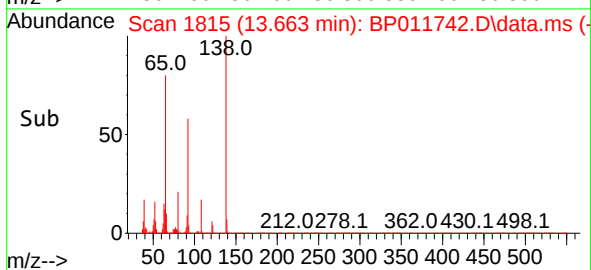
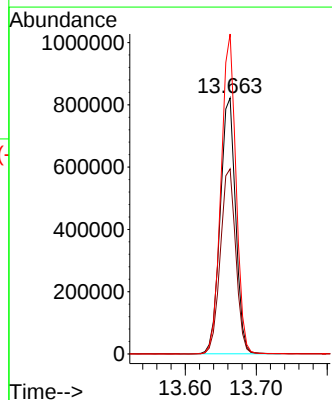
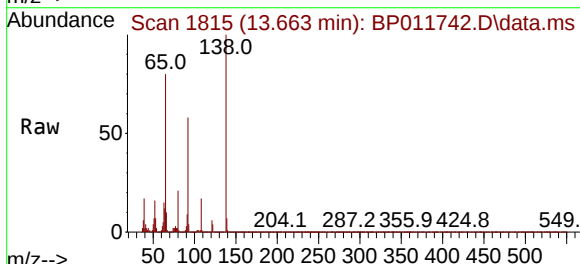
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

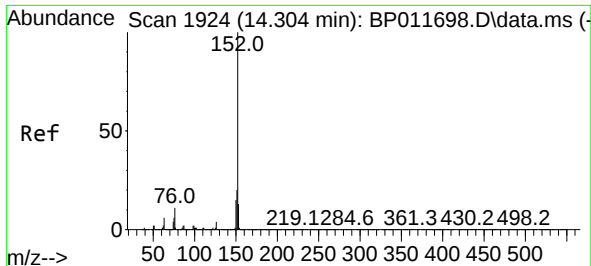
Tgt Ion:162 Resp: 4364860
Ion Ratio Lower Upper
162 100
127 37.9 32.4 48.6
164 33.2 26.3 39.5



#48
2-Nitroaniline
Concen: 45.812 ng
RT: 13.663 min Scan# 1815
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion: 65 Resp: 1237858
Ion Ratio Lower Upper
65 100
92 72.3 50.0 75.0
138 125.0 71.2 106.8#

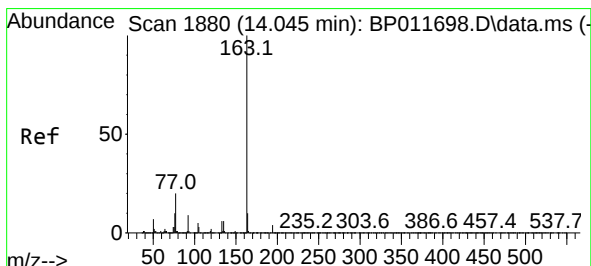
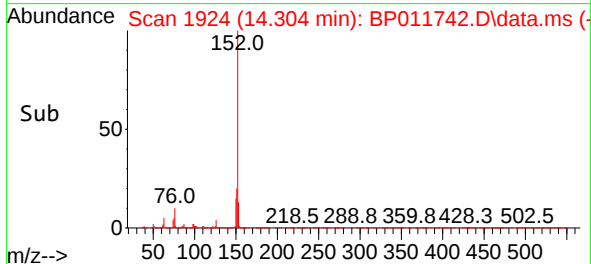
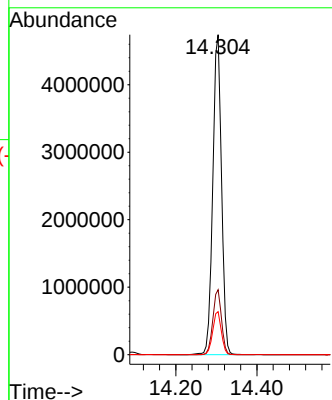
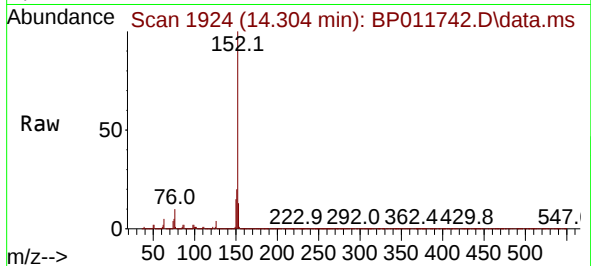




#49
Acenaphthylene
Concen: 47.179 ng
RT: 14.304 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

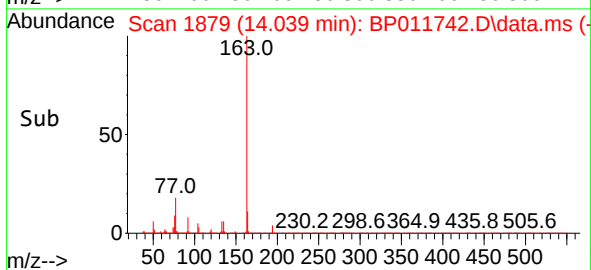
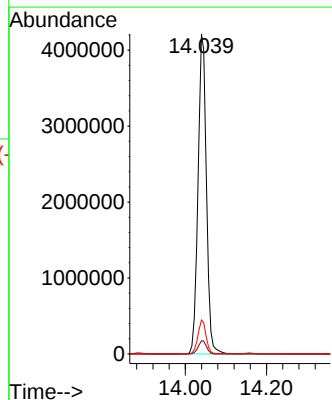
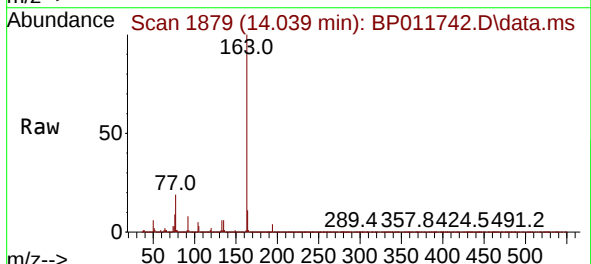
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

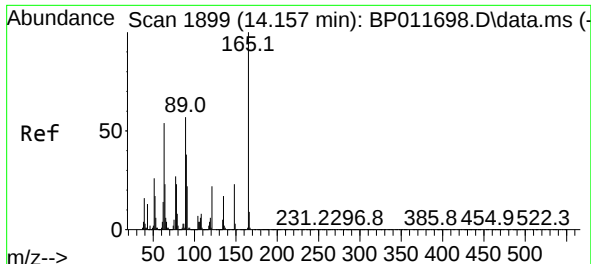
Tgt Ion:152 Resp: 7033707
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 51.786 ng
RT: 14.039 min Scan# 1879
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:163 Resp: 6081593
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.6 8.2 12.4

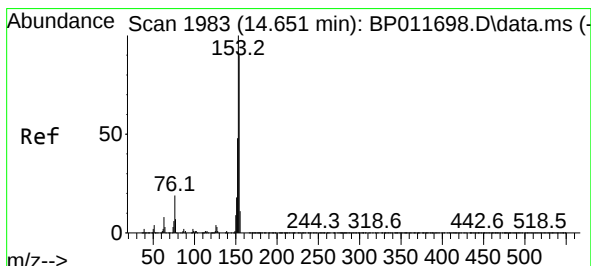
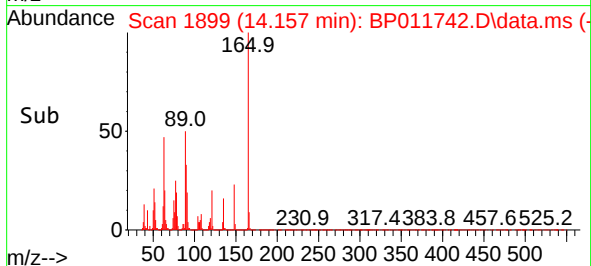
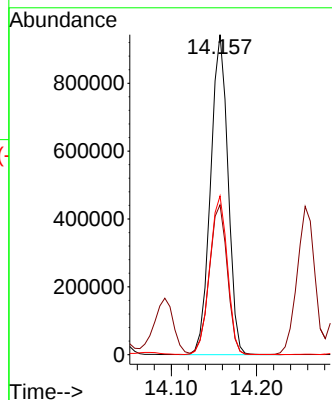
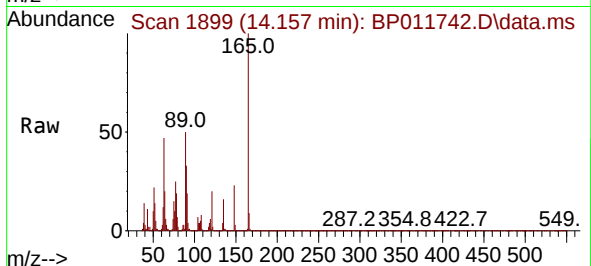




#51
2,6-Dinitrotoluene
Concen: 56.075 ng
RT: 14.157 min Scan# 1899
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

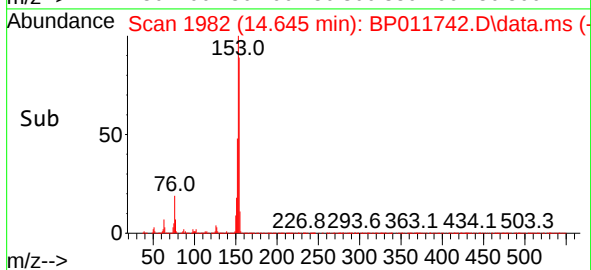
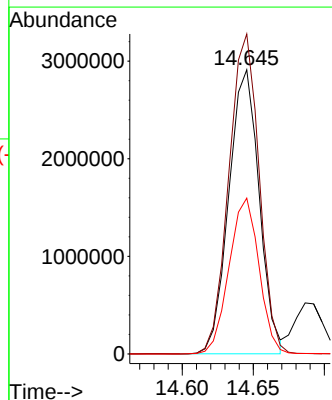
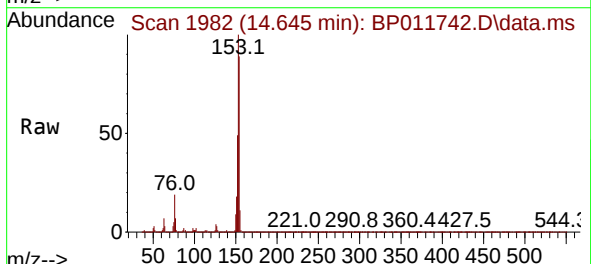
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

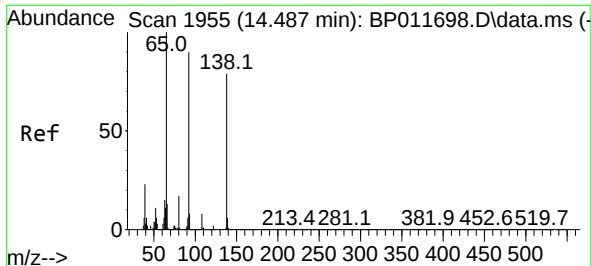
Tgt Ion:165 Resp: 1335376
Ion Ratio Lower Upper
165 100
63 46.9 57.3 85.9#
89 49.6 50.2 75.2#



#52
Acenaphthene
Concen: 43.652 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:154 Resp: 4329015
Ion Ratio Lower Upper
154 100
153 112.6 87.4 131.2
152 54.8 41.7 62.5

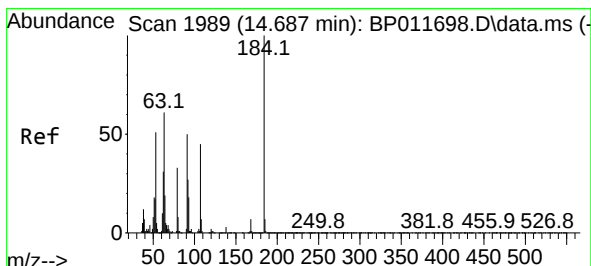
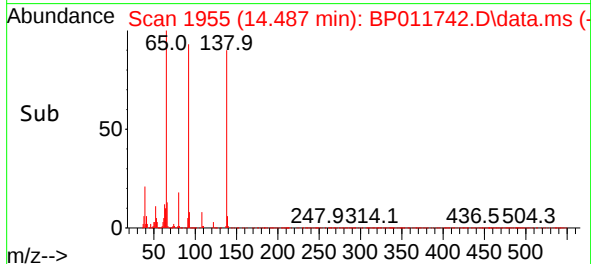
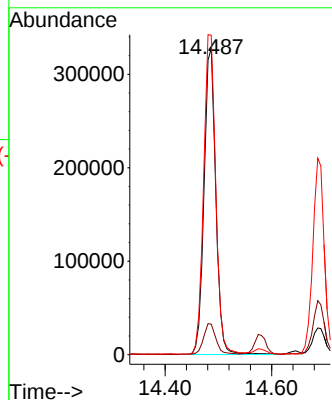
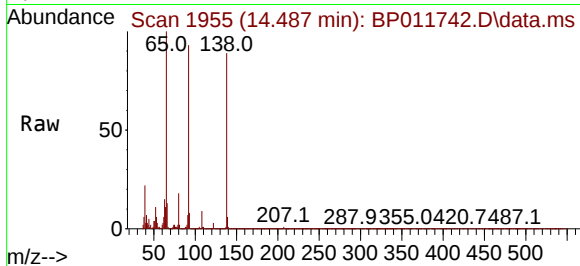




#53
3-Nitroaniline
Concen: 18.090 ng
RT: 14.487 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

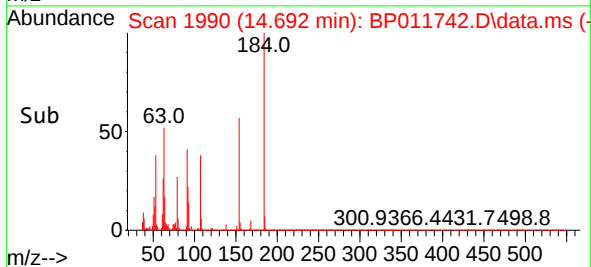
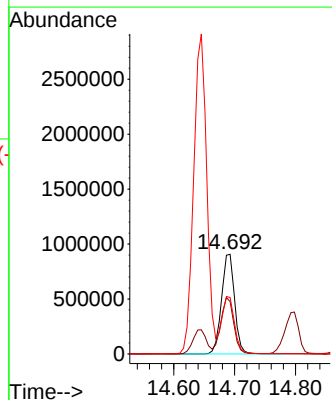
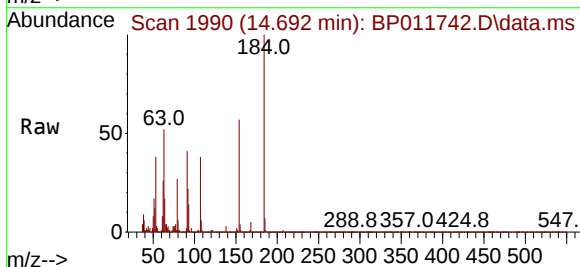
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

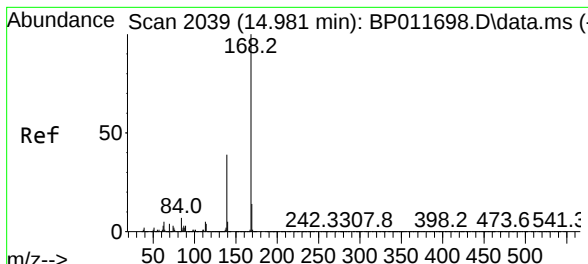
Tgt Ion:138 Resp: 498732
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 104.2 99.9 149.9



#54
2,4-Dinitrophenol
Concen: 97.041 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:184 Resp: 1356011
Ion Ratio Lower Upper
184 100
63 52.5 65.4 98.2#
154 56.6 55.4 83.2

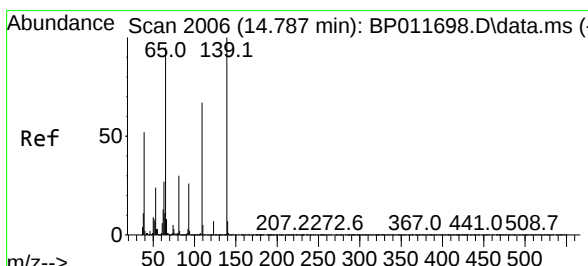
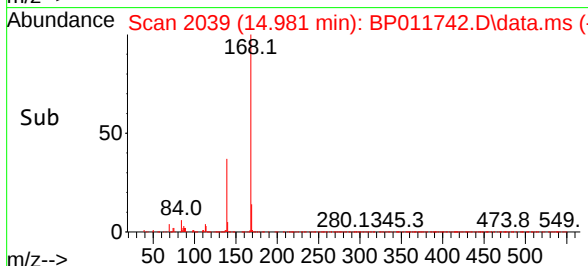
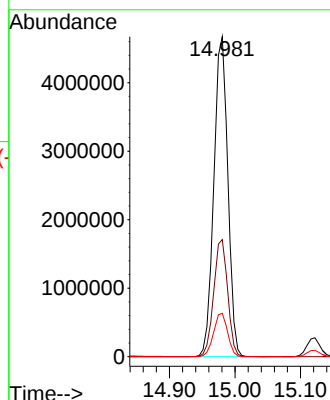
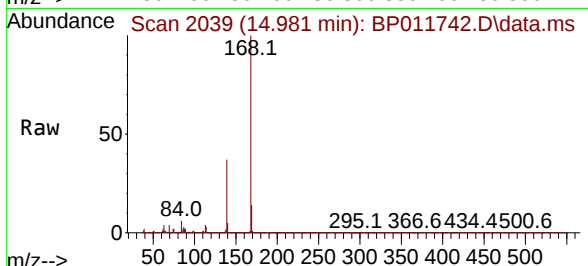




#55
Dibenzofuran
Concen: 48.385 ng
RT: 14.981 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

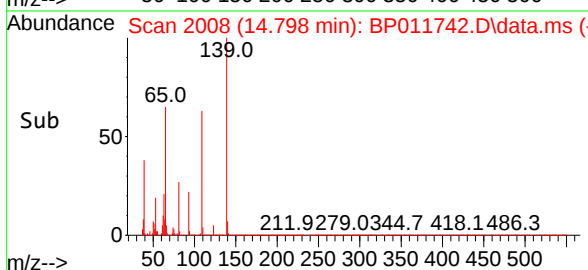
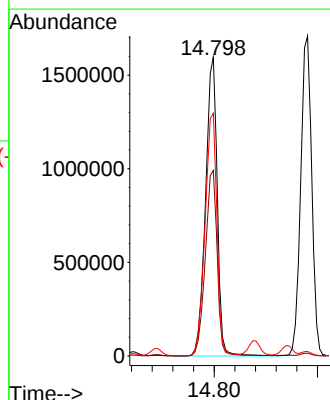
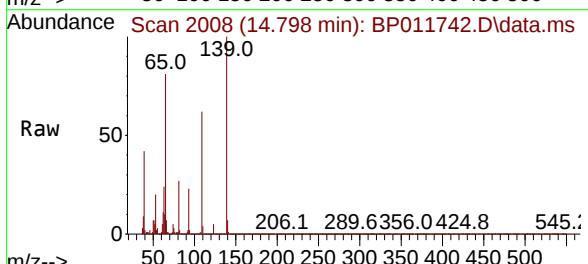
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

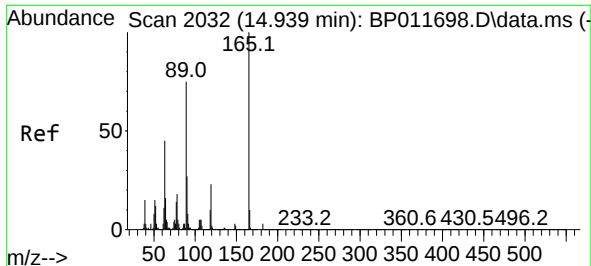
Tgt Ion:168 Resp: 6909874
Ion Ratio Lower Upper
168 100
139 36.6 31.5 47.3
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 108.036 ng
RT: 14.798 min Scan# 2008
Delta R.T. 0.024 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:139 Resp: 2499867
Ion Ratio Lower Upper
139 100
109 62.1 70.6 110.6#
65 81.2 106.6 146.6#

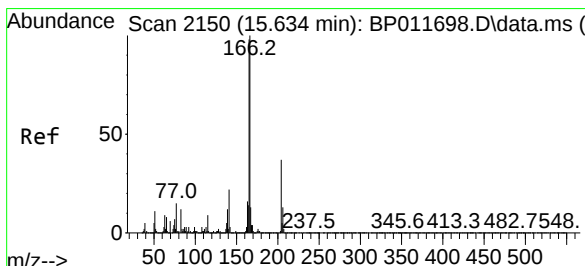
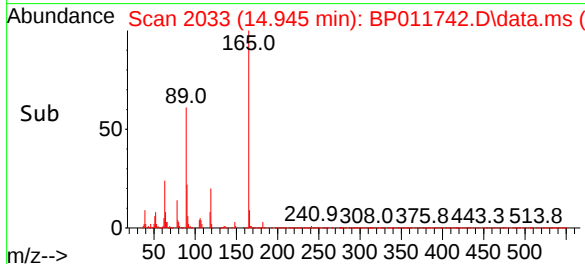
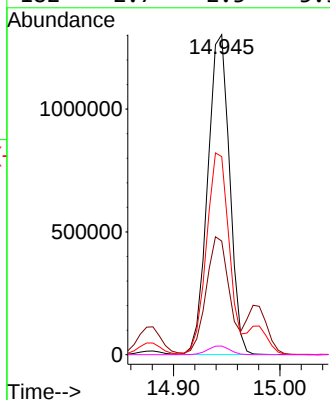
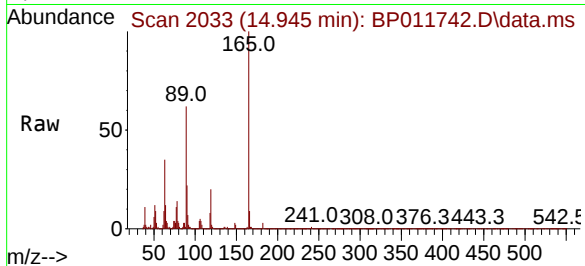




#57
2,4-Dinitrotoluene
Concen: 53.562 ng
RT: 14.945 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

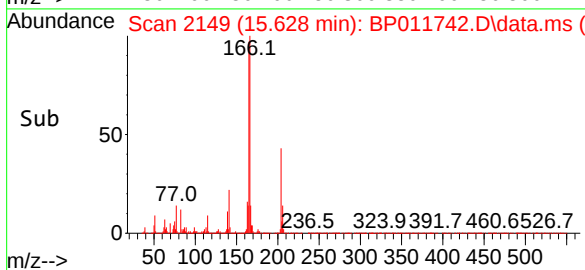
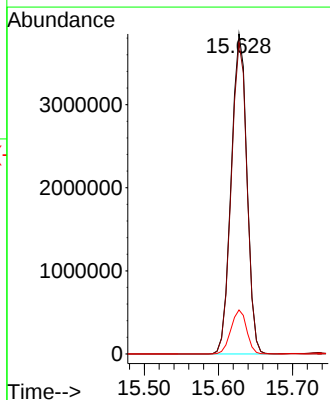
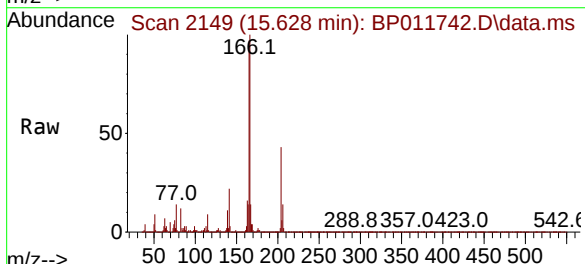
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

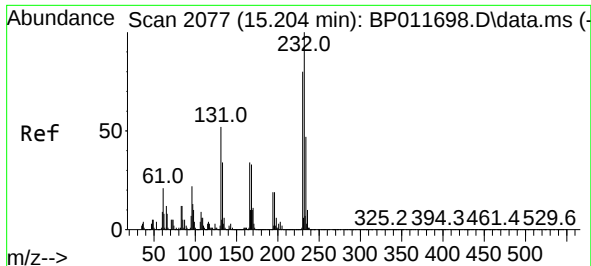
Tgt Ion:165 Resp: 1865546
Ion Ratio Lower Upper
165 100
63 35.5 46.2 69.2#
89 61.9 65.8 98.8#
182 2.7 2.3 3.5



#58
Fluorene
Concen: 48.922 ng
RT: 15.628 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:166 Resp: 5666729
Ion Ratio Lower Upper
166 100
165 97.3 77.0 115.4
167 13.8 10.9 16.3

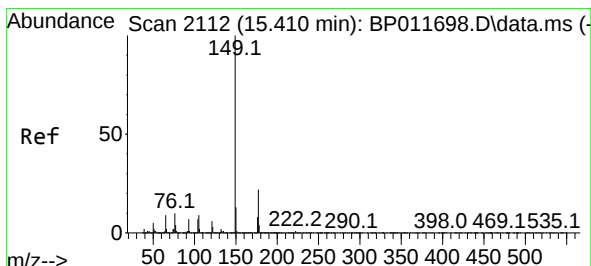
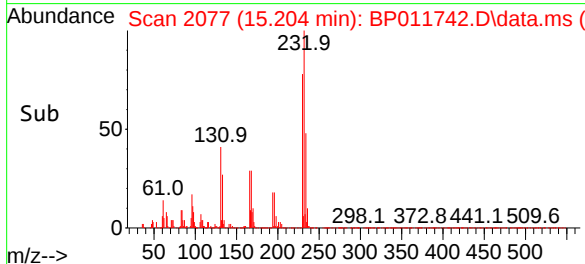
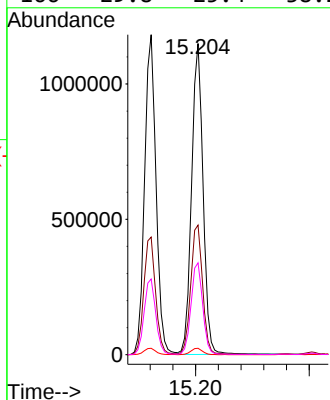
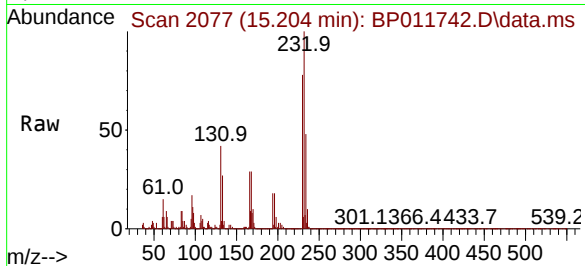




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.415 ng
RT: 15.204 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

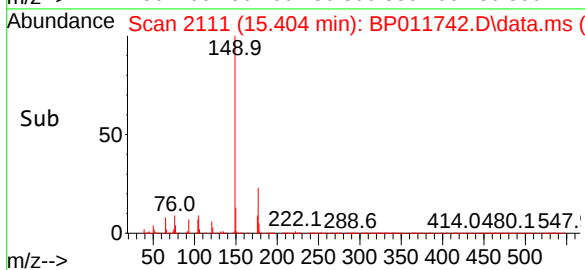
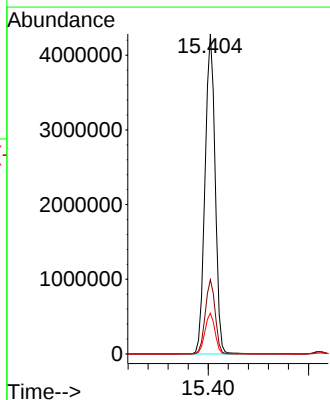
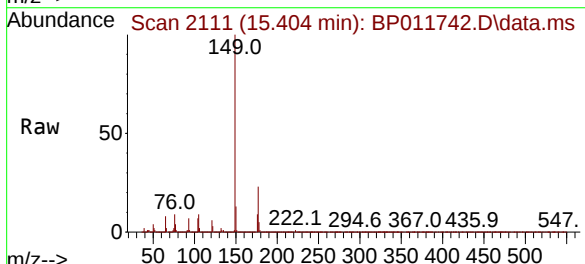
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

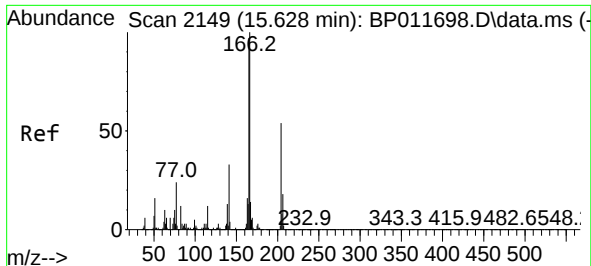
Tgt Ion:232 Resp: 1621550
Ion Ratio Lower Upper
232 100
131 42.8 37.0 55.6
130 2.1 2.2 3.2#
166 29.8 25.4 38.2



#60
Diethylphthalate
Concen: 51.279 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:149 Resp: 5995374
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.8 9.9 14.9

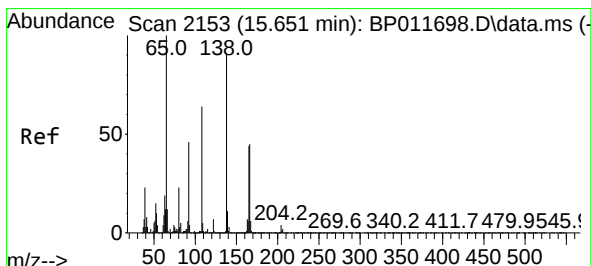
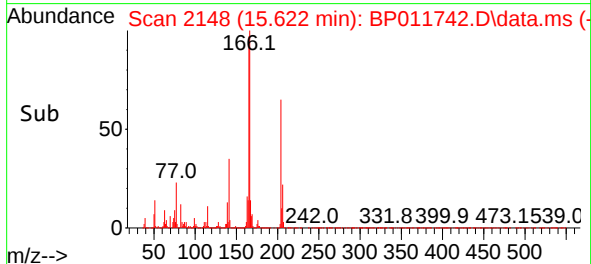
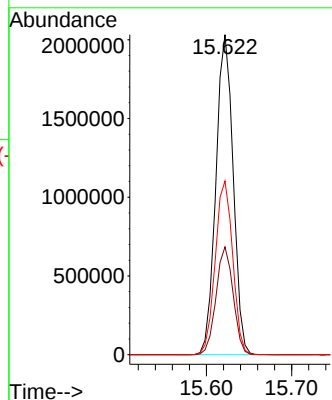
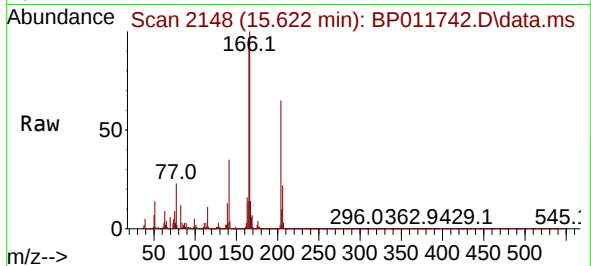




#61
4-Chlorophenyl-phenylether
Concen: 53.521 ng
RT: 15.622 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

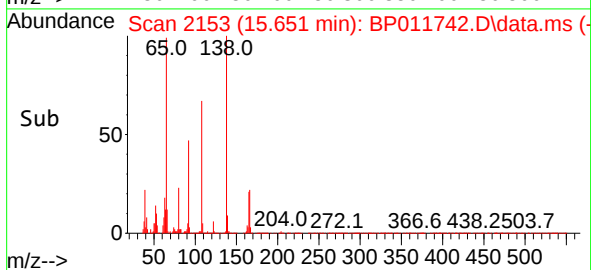
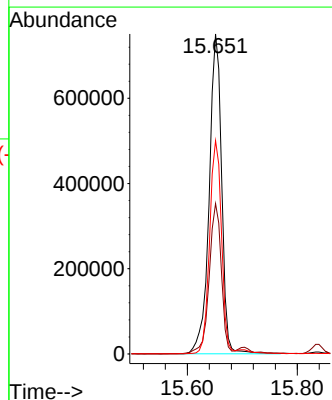
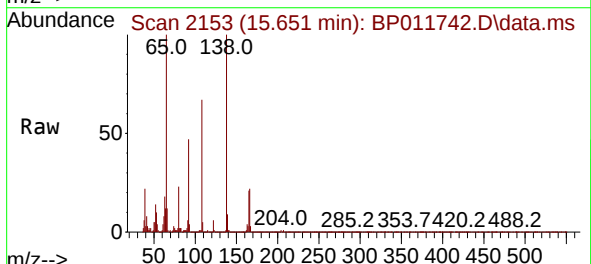
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

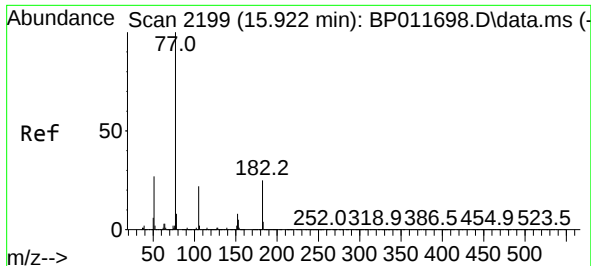
Tgt Ion:204 Resp: 2865706
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 54.3 51.1 76.7



#62
4-Nitroaniline
Concen: 38.941 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.012 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:138 Resp: 1185347
Ion Ratio Lower Upper
138 100
92 47.0 38.0 78.0
108 66.7 77.6 117.6#

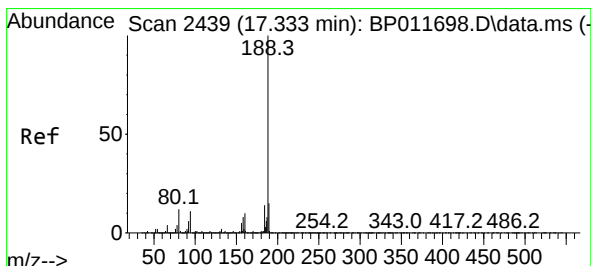
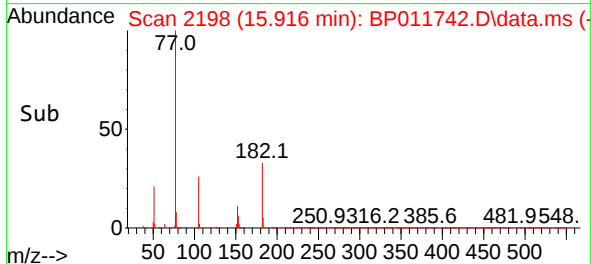
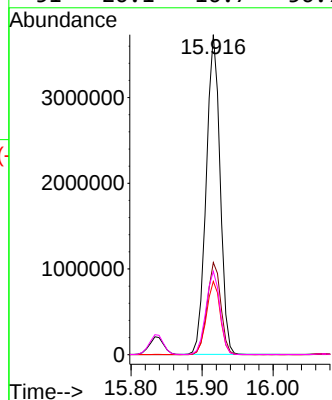
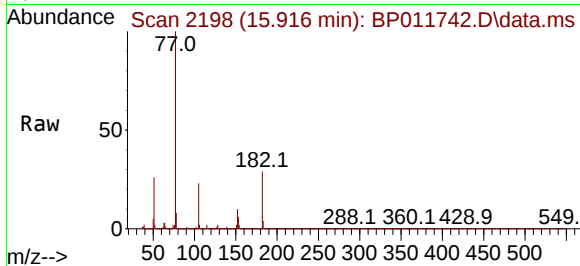




#63
Azobenzene
Concen: 45.033 ng
RT: 15.916 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

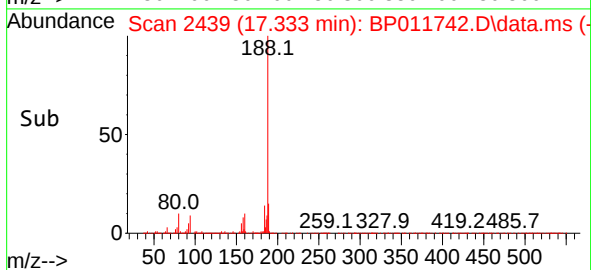
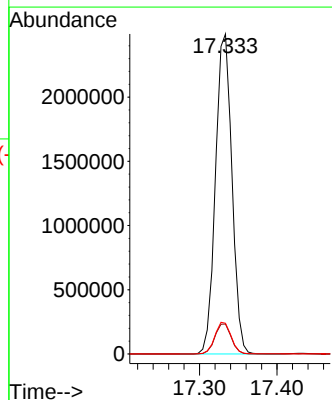
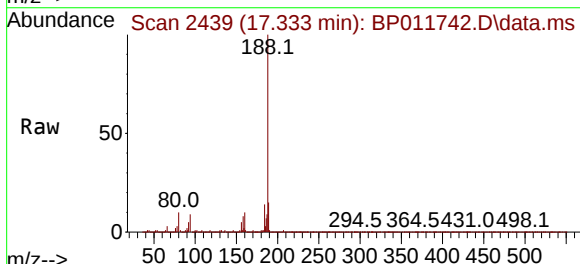
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

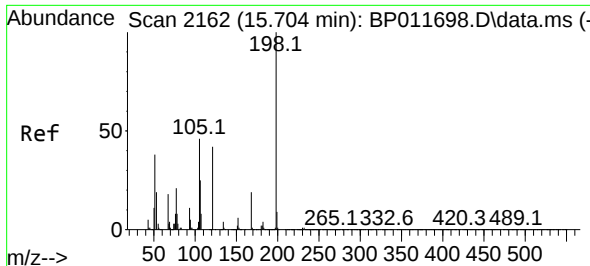
Tgt Ion: 77 Resp: 5059709
Ion Ratio Lower Upper
77 100
182 28.8 3.0 43.0
105 22.9 0.0 38.6
51 26.1 16.7 56.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2439
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:188 Resp: 3664944
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.6 8.0 12.0

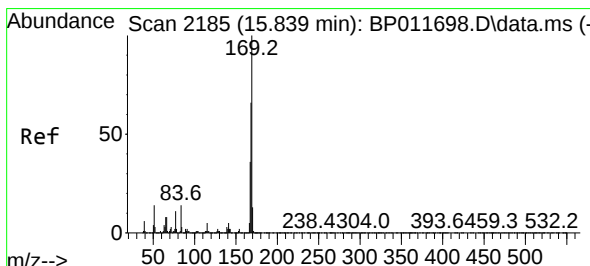
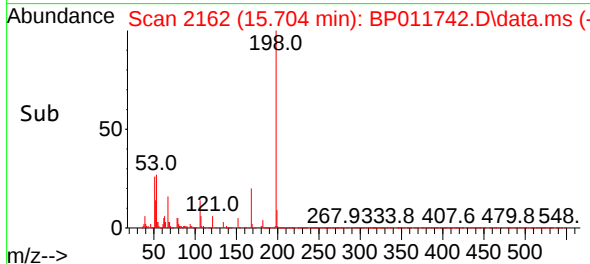
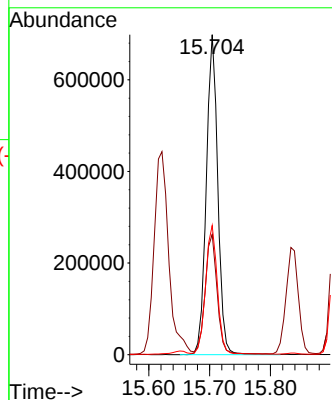
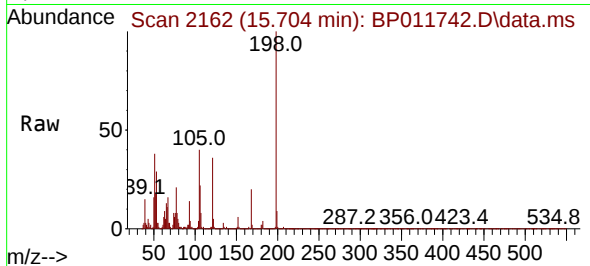




#65
4,6-Dinitro-2-methylphenol
Concen: 46.557 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

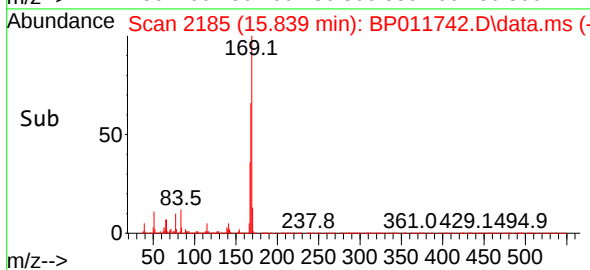
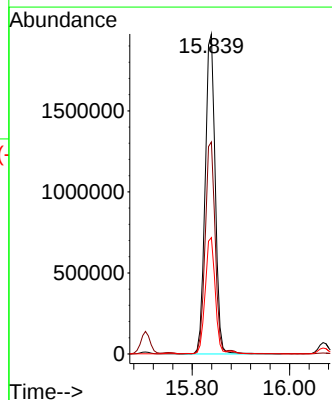
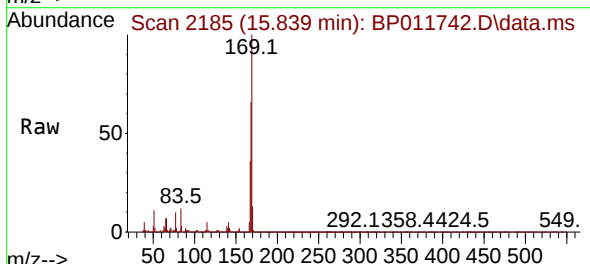
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

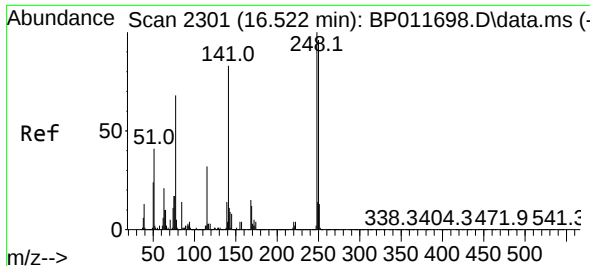
Tgt Ion:198 Resp: 915948
Ion Ratio Lower Upper
198 100
51 37.6 41.2 81.2#
105 40.3 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 25.703 ng
RT: 15.839 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:169 Resp: 2802779
Ion Ratio Lower Upper
169 100
168 66.3 51.8 77.8
167 36.3 28.3 42.5

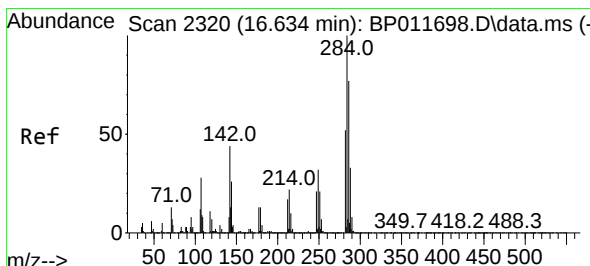
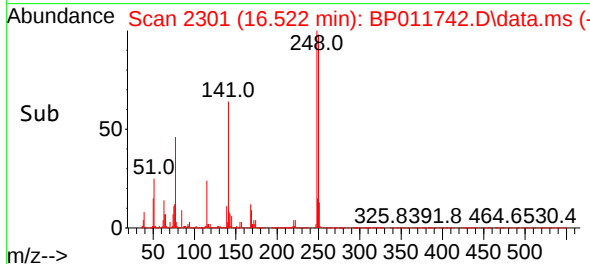
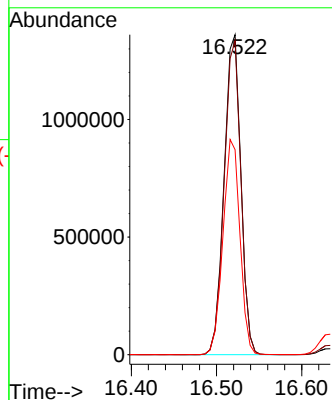
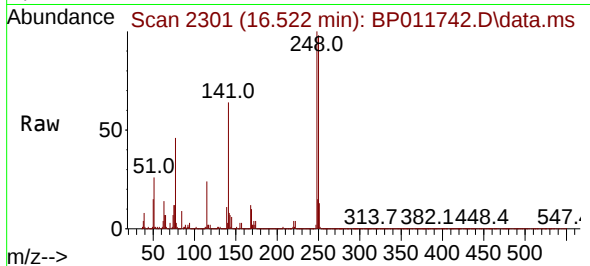




#67
4-Bromophenyl-phenylether
Concen: 54.493 ng
RT: 16.522 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

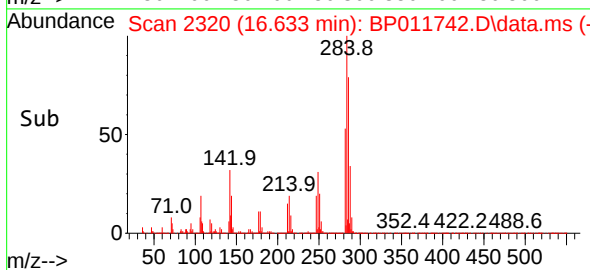
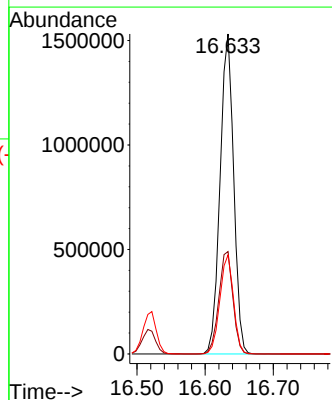
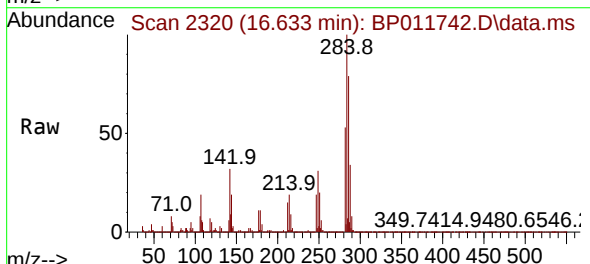
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

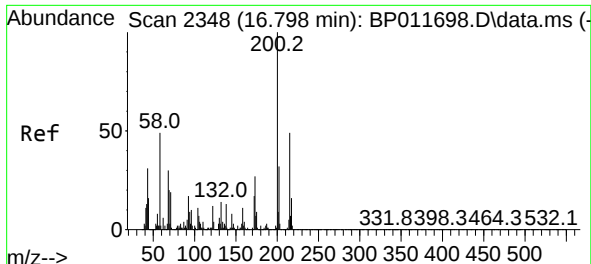
Tgt Ion:248 Resp: 1869579
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 64.1 62.0 93.0



#68
Hexachlorobenzene
Concen: 57.552 ng
RT: 16.633 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:284 Resp: 2126525
Ion Ratio Lower Upper
284 100
142 32.0 30.8 46.2
249 31.0 26.8 40.2

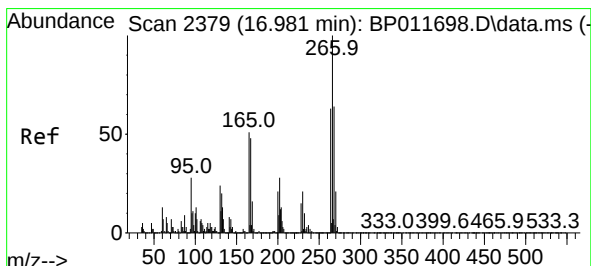
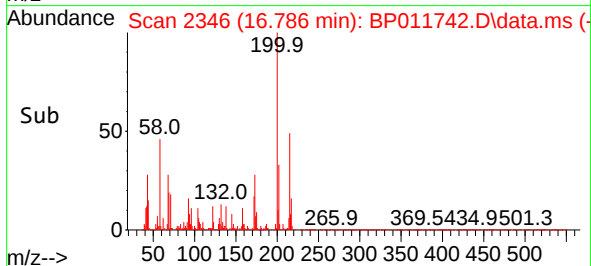
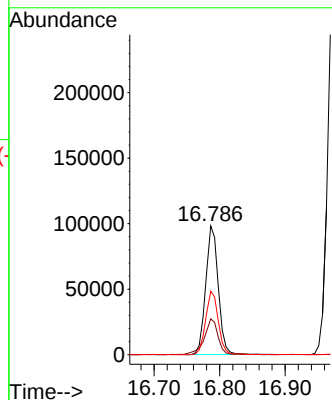
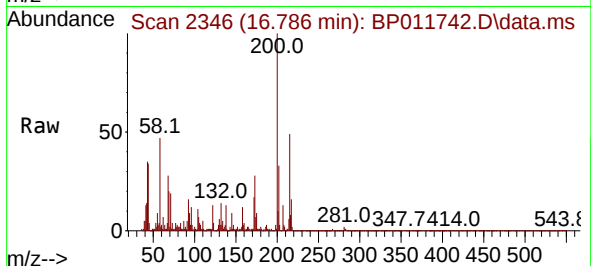




#69
 Atrazine
 Concen: 3.938 ng
 RT: 16.786 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

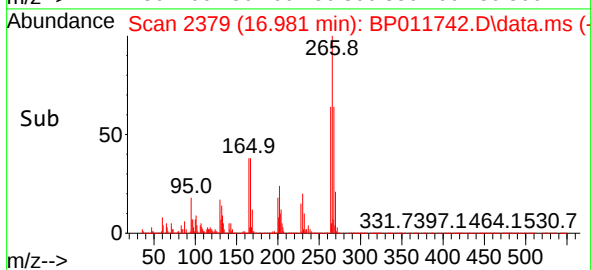
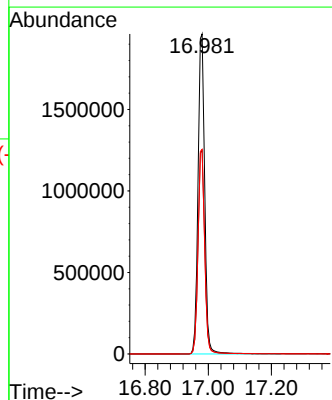
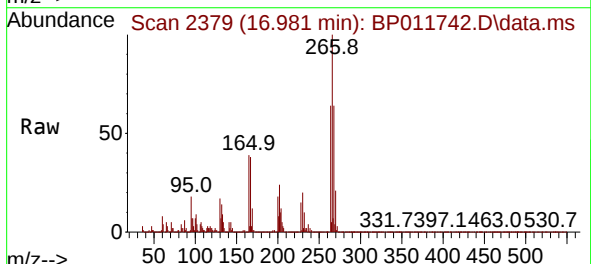
Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948MSD

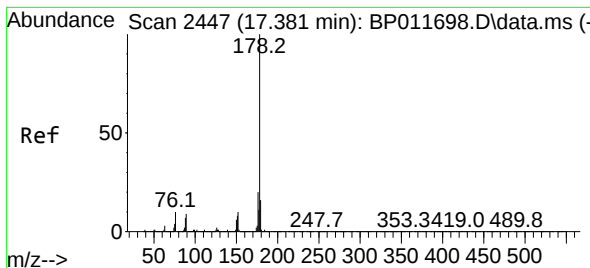
Tgt Ion:200 Resp: 131079
 Ion Ratio Lower Upper
 200 100
 173 27.9 5.3 45.3
 215 49.2 29.4 69.4



#70
 Pentachlorophenol
 Concen: 122.754 ng
 RT: 16.981 min Scan# 2379
 Delta R.T. 0.006 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

Tgt Ion:266 Resp: 2877421
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.5 75.7
 264 63.9 50.4 75.6





#71

Phenanthrene

Concen: 45.468 ng

RT: 17.375 min Scan# 2446

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

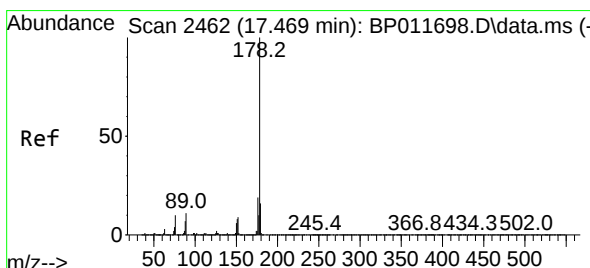
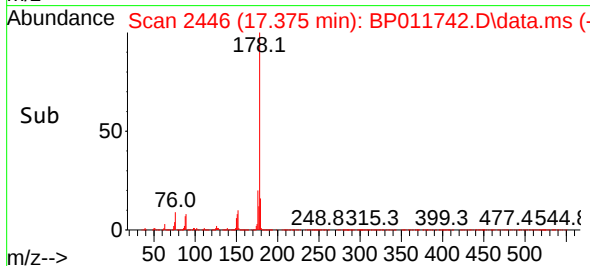
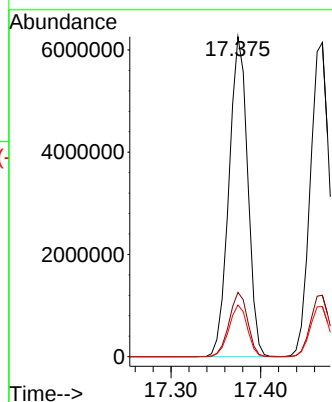
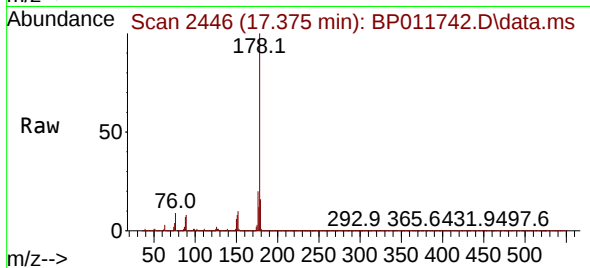
Tgt Ion:178 Resp: 9067119

Ion Ratio Lower Upper

178 100

176 20.1 14.7 22.1

179 16.2 12.2 18.2



#72

Anthracene

Concen: 48.641 ng

RT: 17.469 min Scan# 2462

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

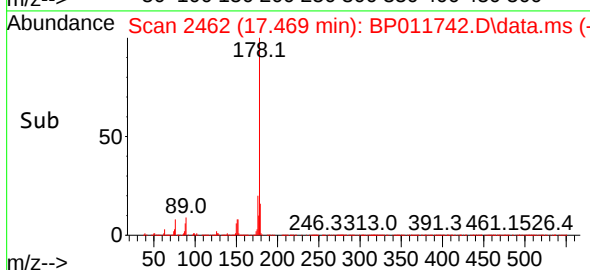
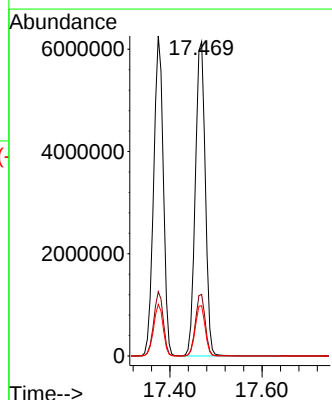
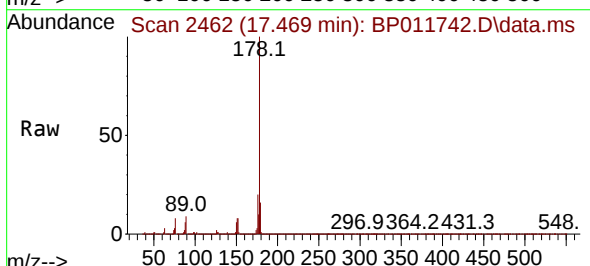
Tgt Ion:178 Resp: 9174113

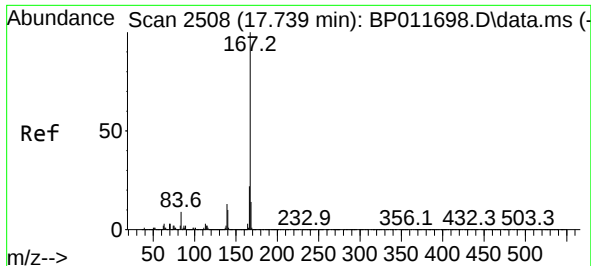
Ion Ratio Lower Upper

178 100

176 19.6 14.5 21.7

179 16.0 12.2 18.4

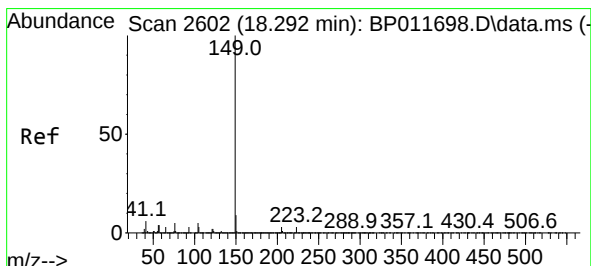
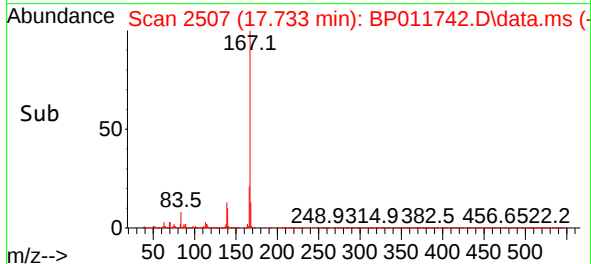
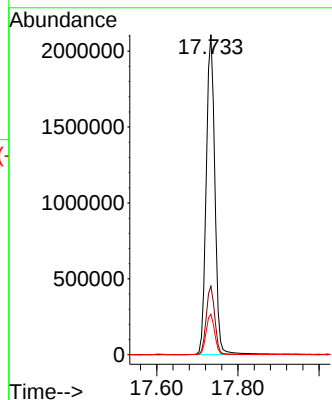
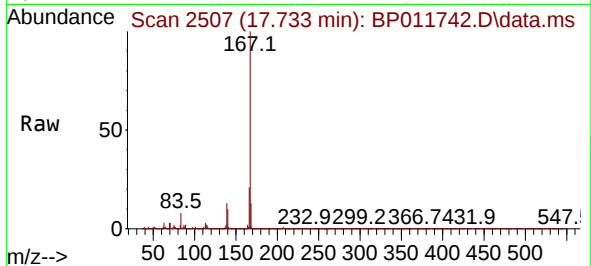




#73
 Carbazole
 Concen: 17.514 ng
 RT: 17.733 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

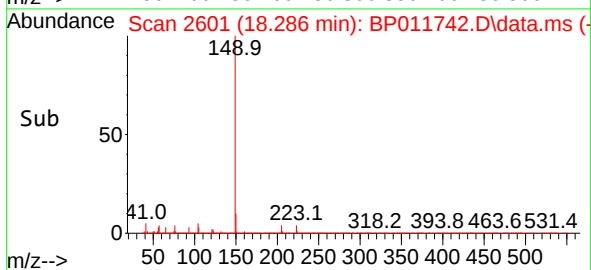
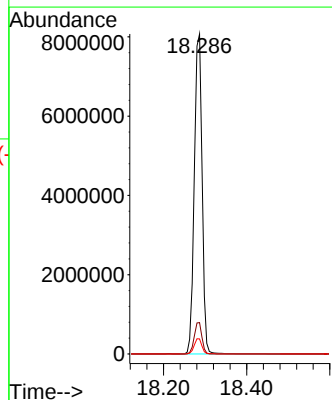
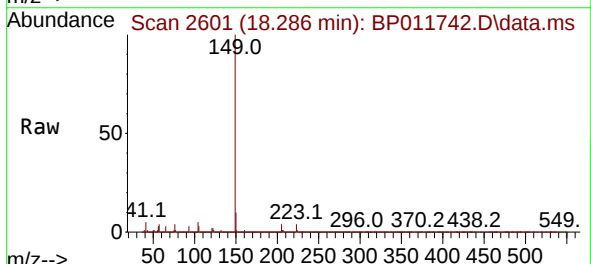
Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948MSD

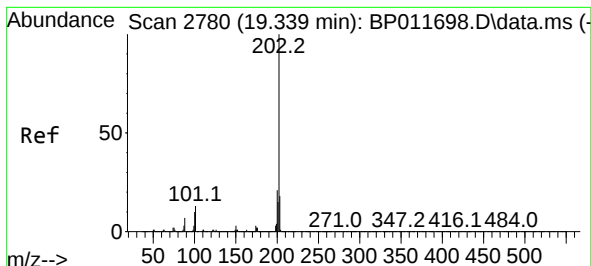
Tgt Ion:167 Resp: 3116346
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 12.6 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 48.885 ng
 RT: 18.286 min Scan# 2601
 Delta R.T. 0.006 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

Tgt Ion:149 Resp:10484227
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 4.7 4.8 7.2#





#75

Fluoranthene

Concen: 49.870 ng

RT: 19.333 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

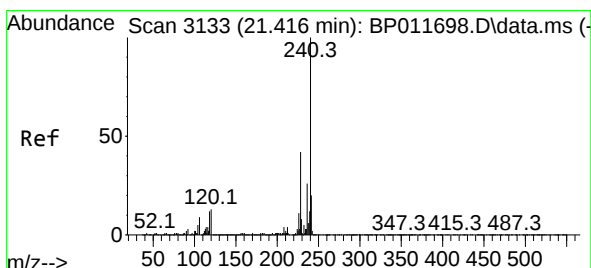
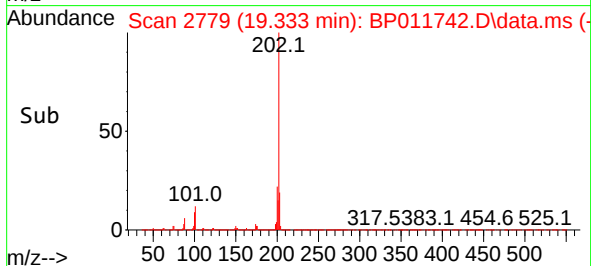
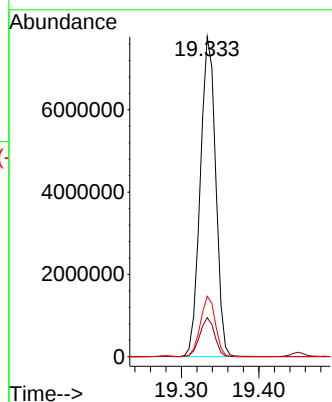
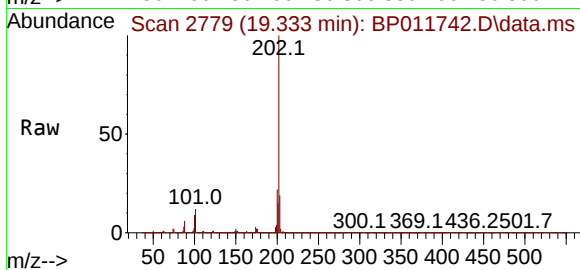
Tgt Ion:202 Resp:10725790

Ion Ratio Lower Upper

202 100

101 12.2 0.0 29.6

203 18.9 0.0 36.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3132

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

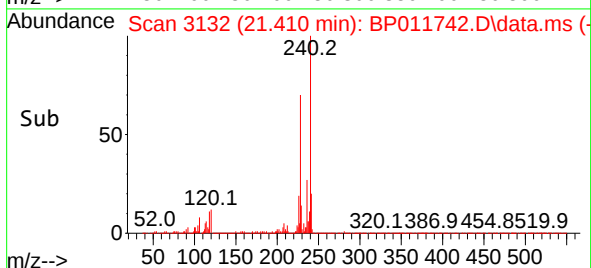
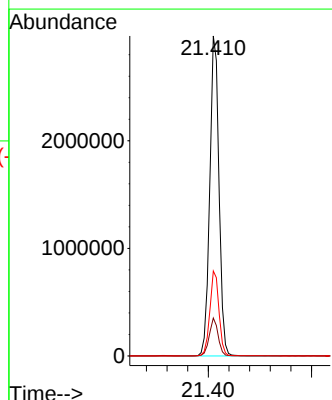
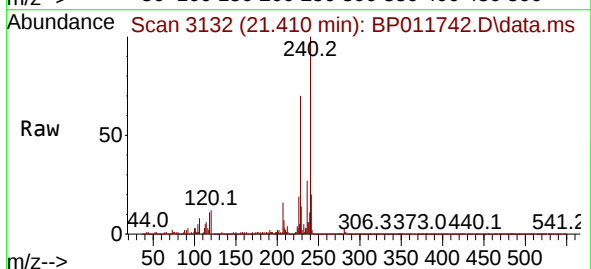
Tgt Ion:240 Resp: 3673188

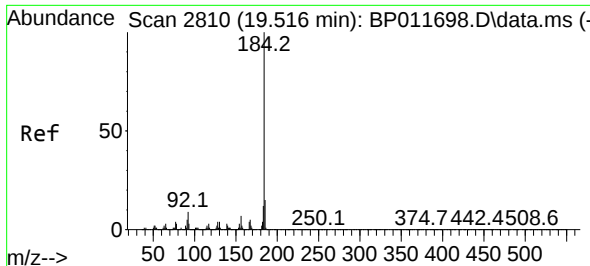
Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

236 26.5 19.8 29.6

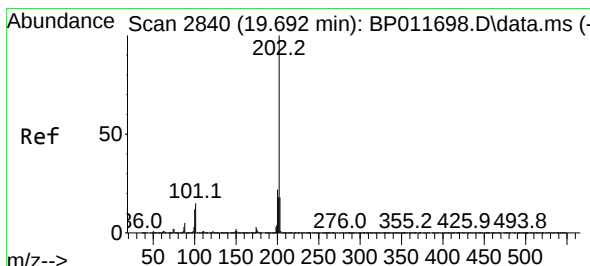
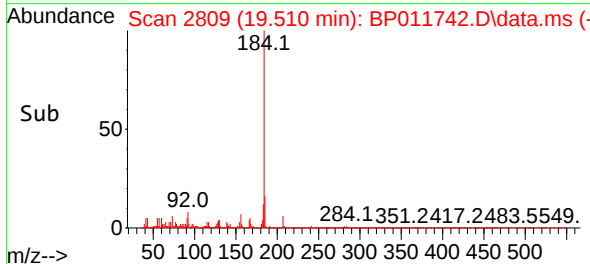
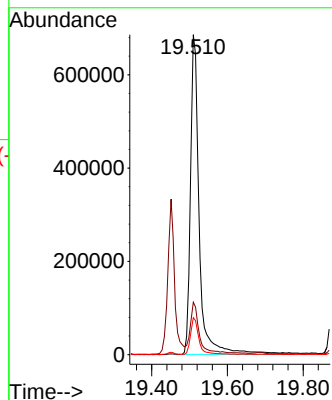
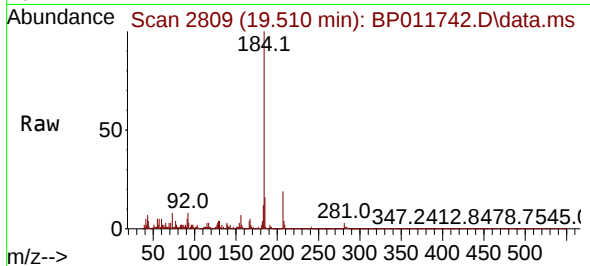




#77
Benzidine
Concen: 12.539 ng
RT: 19.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

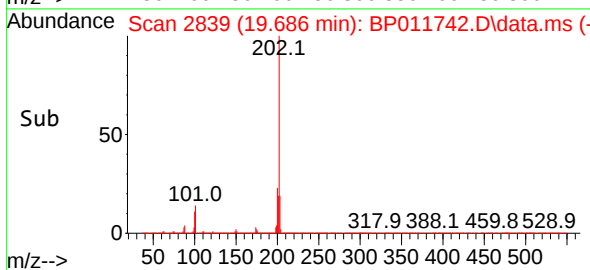
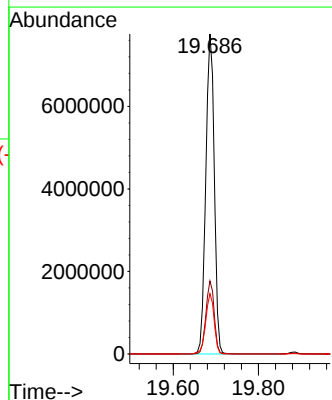
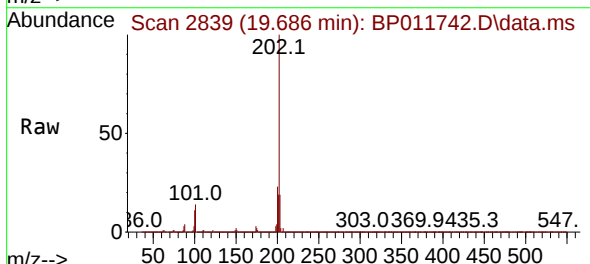
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

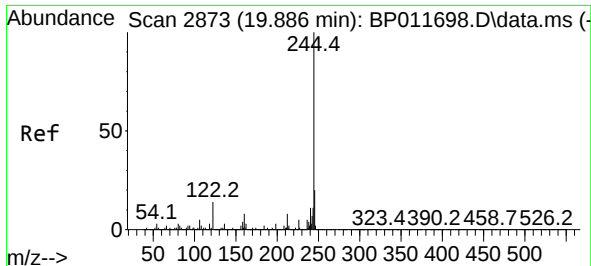
Tgt Ion:184 Resp: 1095338
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 11.5 9.0 13.6



#78
Pyrene
Concen: 43.312 ng
RT: 19.686 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:202 Resp:10730353
Ion Ratio Lower Upper
202 100
200 22.8 16.3 24.5
203 18.8 14.2 21.4

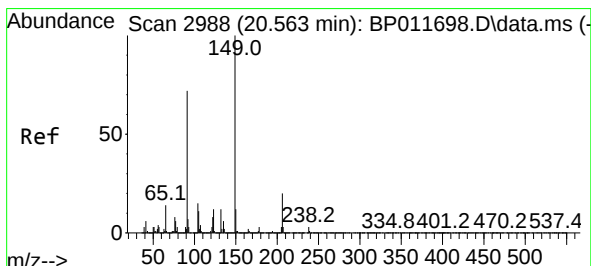
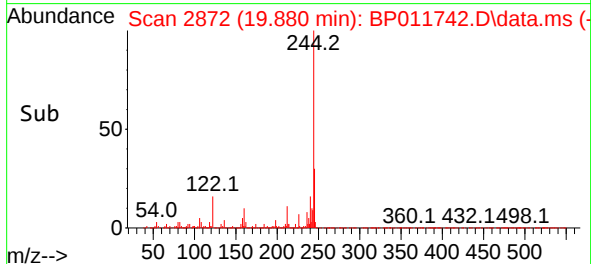
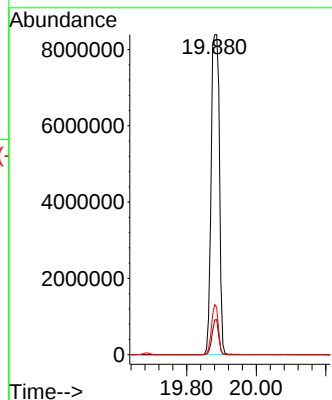
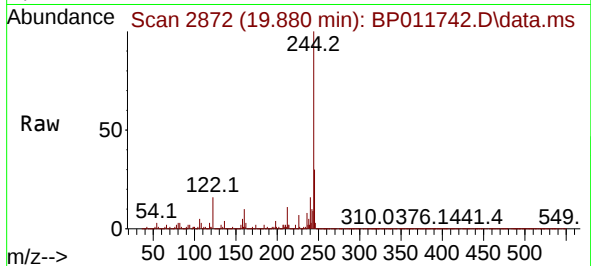




#79
 Terphenyl-d14
 Concen: 81.564 ng
 RT: 19.880 min Scan# 2873
 Delta R.T. 0.006 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

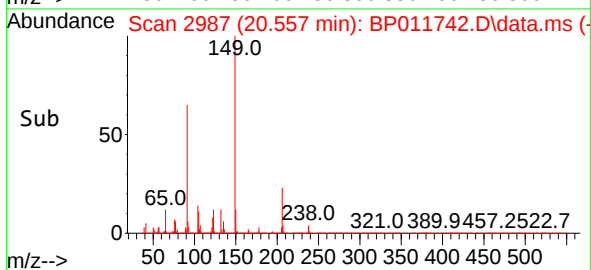
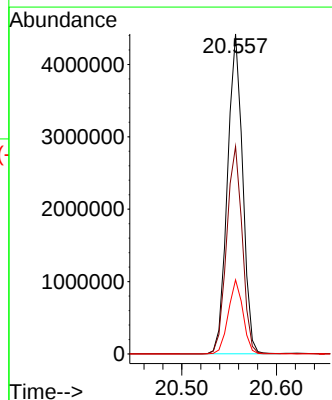
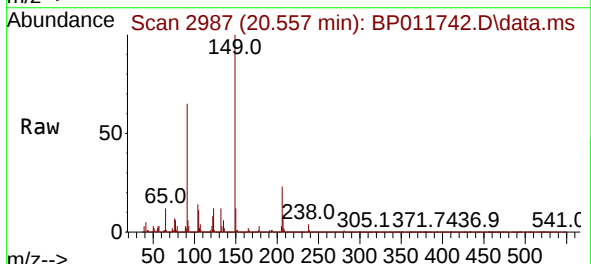
Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948MSD

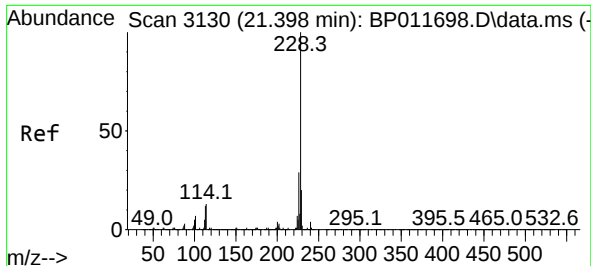
Tgt Ion:244 Resp:13777338
 Ion Ratio Lower Upper
 244 100
 212 10.8 5.8 8.8#
 122 15.6 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 47.569 ng
 RT: 20.557 min Scan# 2987
 Delta R.T. 0.006 min
 Lab File: BP011742.D
 Acq: 19 Sep 2022 19:14

Tgt Ion:149 Resp: 4938435
 Ion Ratio Lower Upper
 149 100
 91 64.9 62.5 93.7
 206 23.2 17.0 25.4

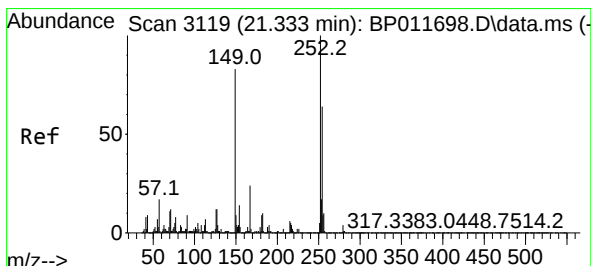
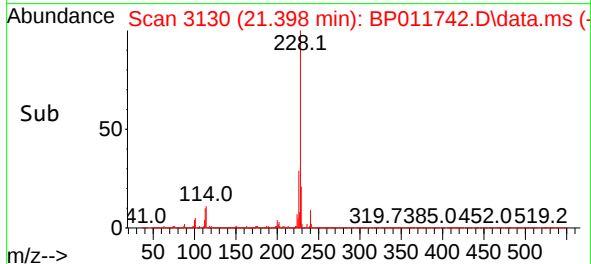
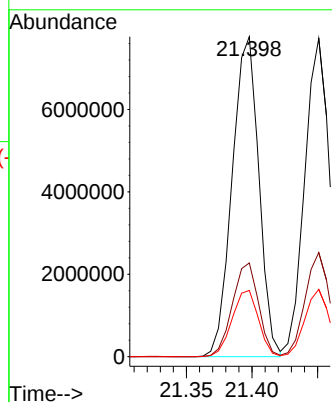
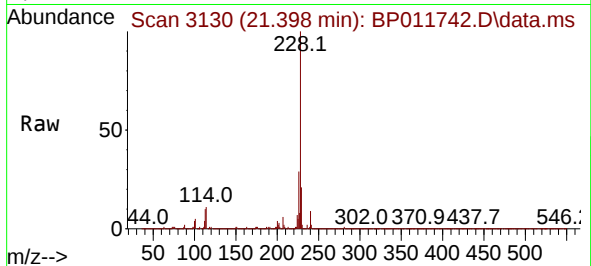




#81
Benzo(a)anthracene
Concen: 46.416 ng
RT: 21.398 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

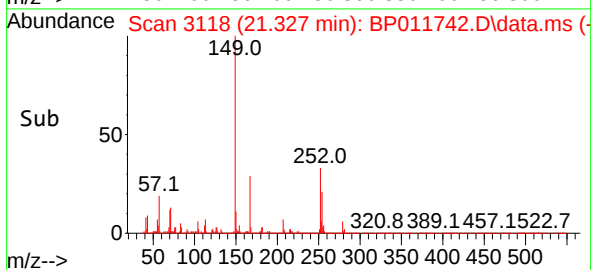
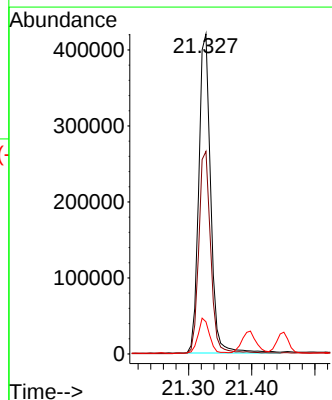
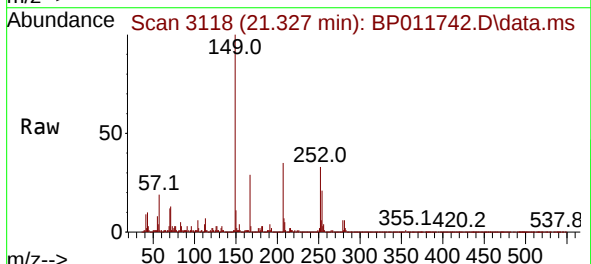
Instrument :
BNA_P
ClientSampleId :
CAR-1948MSD

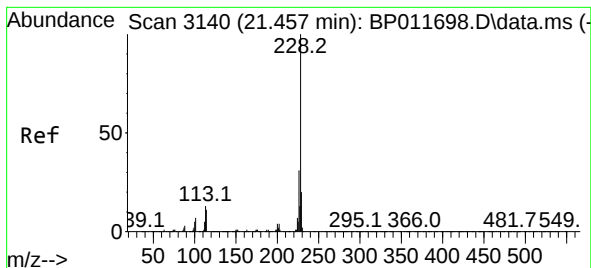
Tgt Ion:228 Resp:10989255
Ion Ratio Lower Upper
228 100
226 29.3 20.8 31.2
229 20.7 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 7.626 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BP011742.D
Acq: 19 Sep 2022 19:14

Tgt Ion:252 Resp: 548398
Ion Ratio Lower Upper
252 100
254 63.3 51.1 76.7
126 10.0 8.4 12.6





#83

Chrysene

Concen: 45.134 ng

RT: 21.451 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

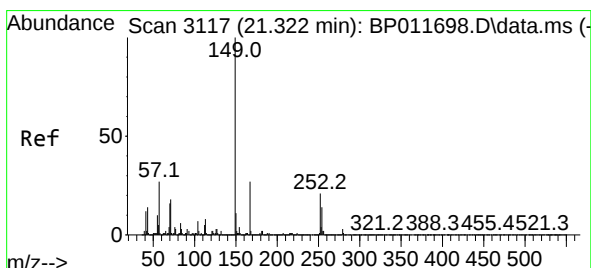
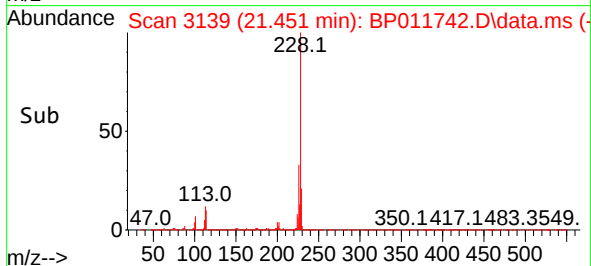
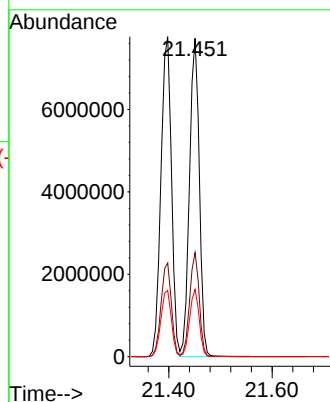
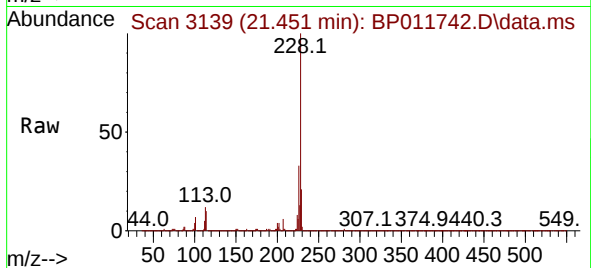
Tgt Ion:228 Resp:10209551

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.2

229 21.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.286 ng

RT: 21.316 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

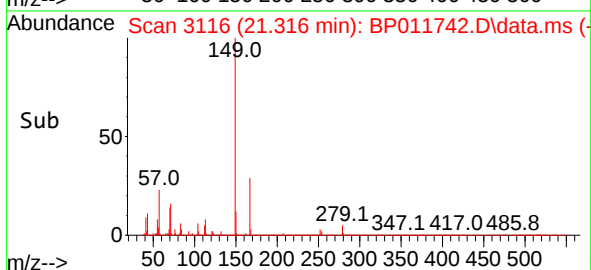
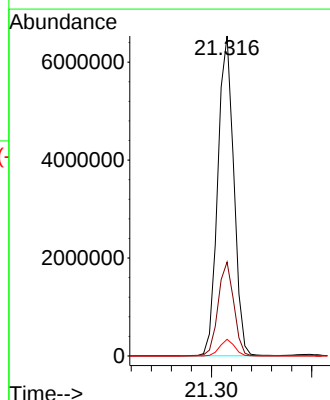
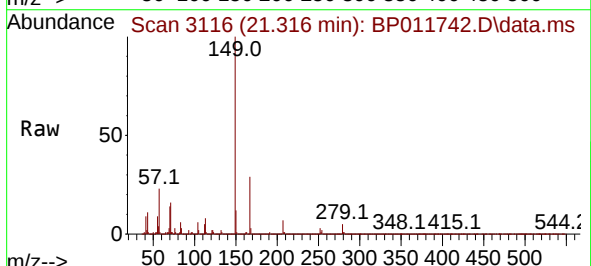
Tgt Ion:149 Resp: 7211495

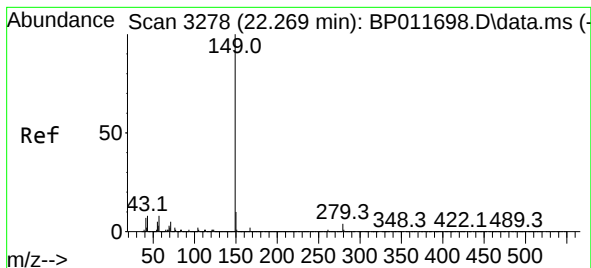
Ion Ratio Lower Upper

149 100

167 29.3 21.8 32.8

279 5.2 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 46.692 ng

RT: 22.257 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

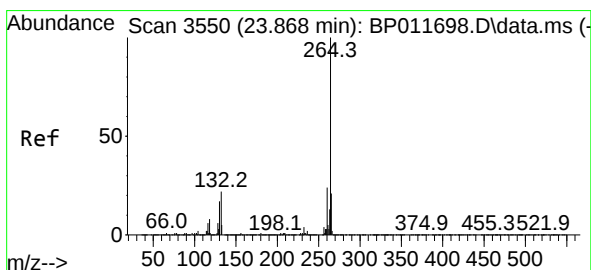
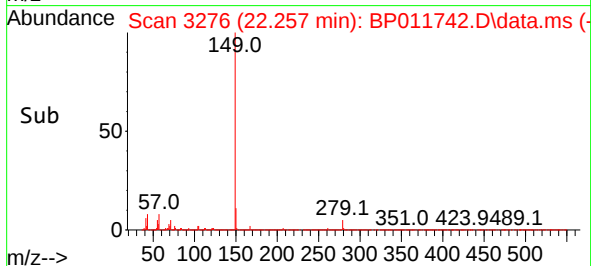
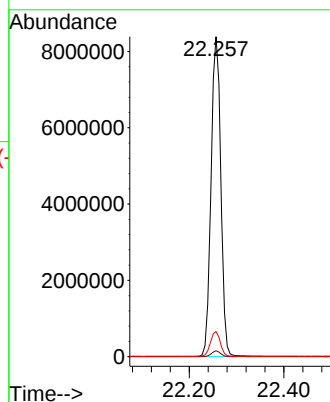
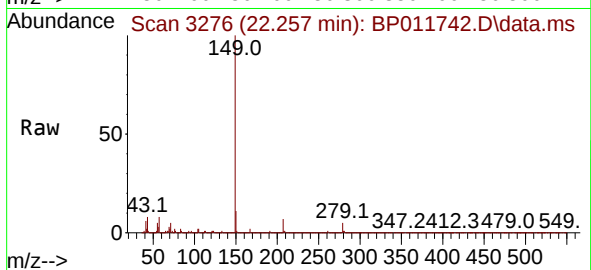
Tgt Ion:149 Resp:11966455

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.8 10.0 15.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3548

Delta R.T. 0.000 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

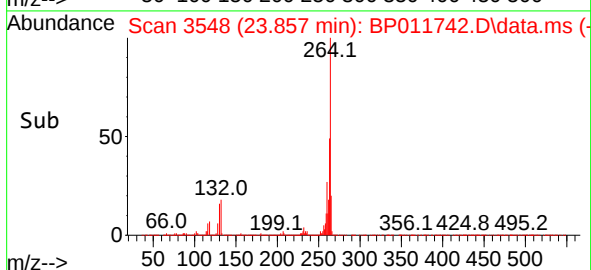
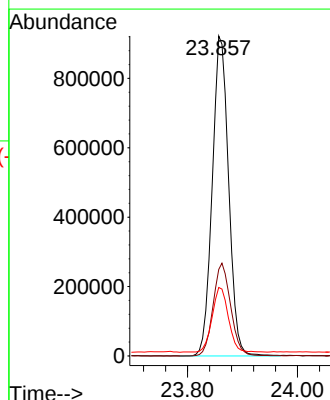
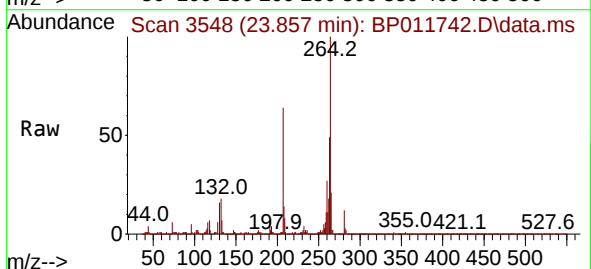
Tgt Ion:264 Resp: 1907759

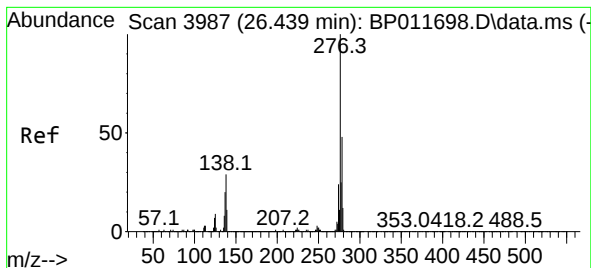
Ion Ratio Lower Upper

264 100

260 27.0 19.3 28.9

265 21.4 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 71.014 ng

RT: 26.427 min Scan# 3987

Delta R.T. 0.012 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

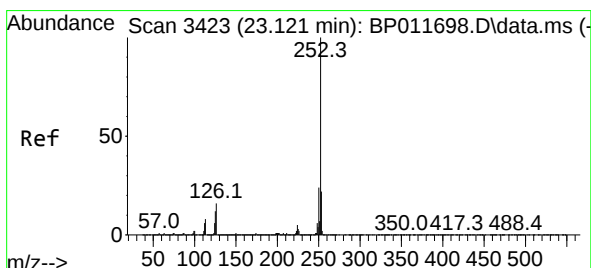
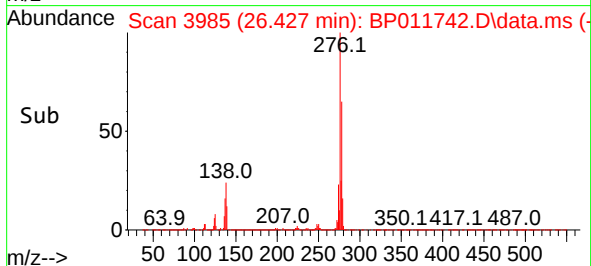
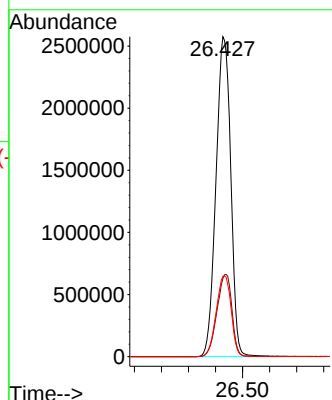
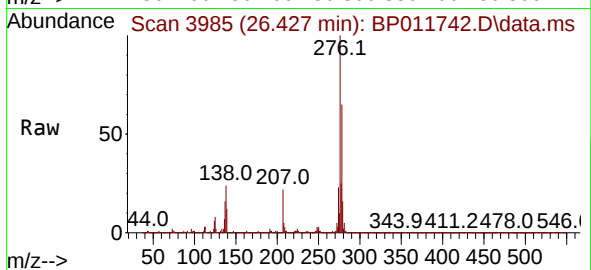
Tgt Ion:276 Resp: 9760353

Ion Ratio Lower Upper

276 100

138 26.1 17.5 26.3

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 99.187 ng

RT: 23.115 min Scan# 3422

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

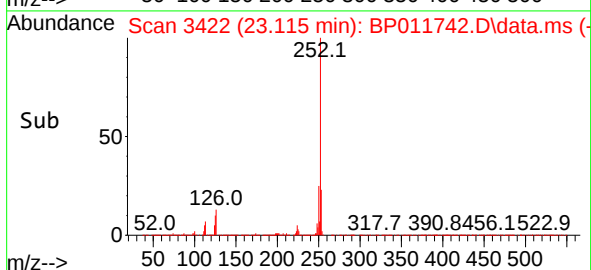
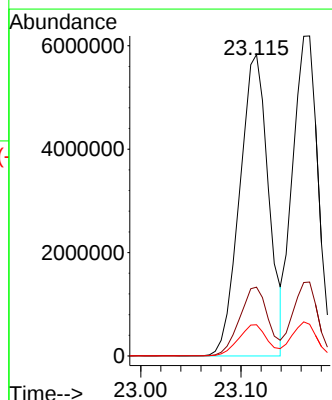
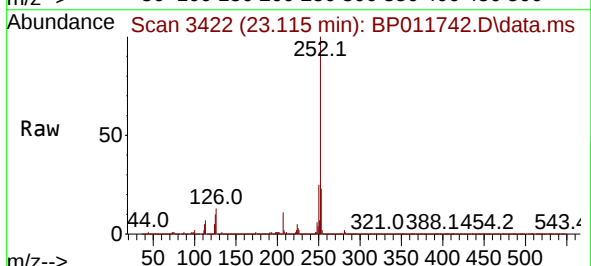
Tgt Ion:252 Resp:11703211

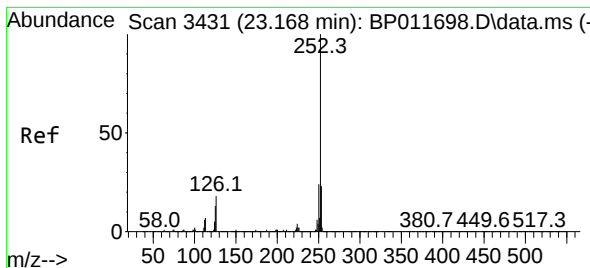
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 10.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 91.430 ng

RT: 23.168 min Scan# 34

Delta R.T. 0.012 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

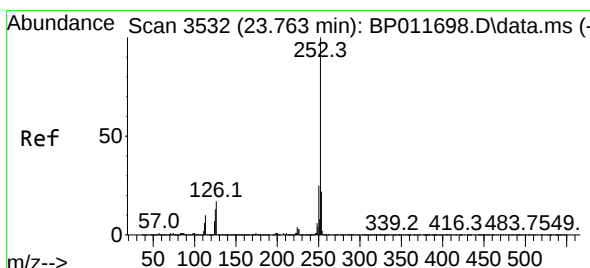
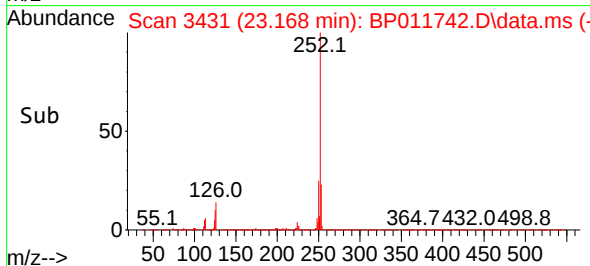
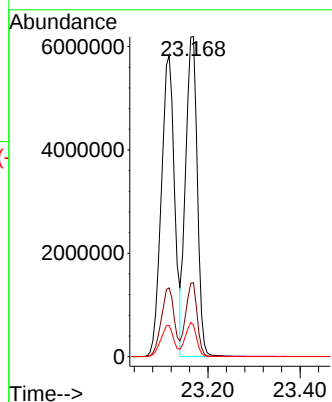
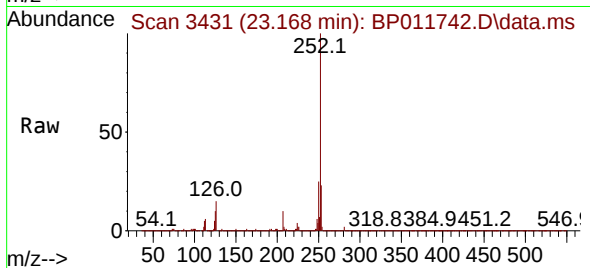
Tgt Ion:252 Resp:10871205

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 9.9 7.0 10.4



#90

Benzo(a)pyrene

Concen: 89.055 ng

RT: 23.751 min Scan# 3530

Delta R.T. 0.006 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

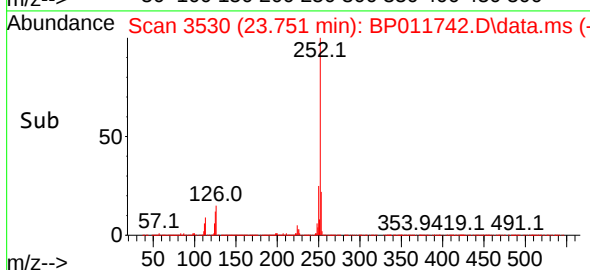
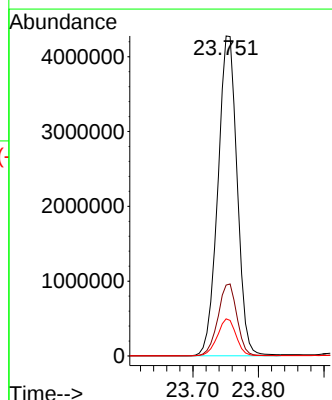
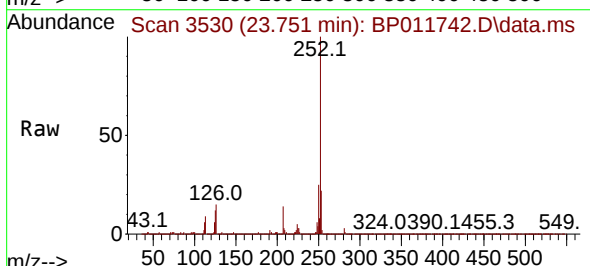
Tgt Ion:252 Resp: 8680406

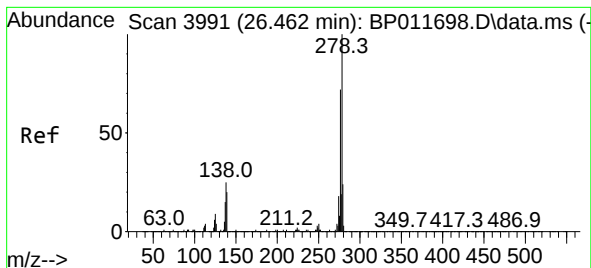
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 11.6 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 80.636 ng

RT: 26.451 min Scan# 3989

Delta R.T. 0.018 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Instrument :

BNA_P

ClientSampleId :

CAR-1948MSD

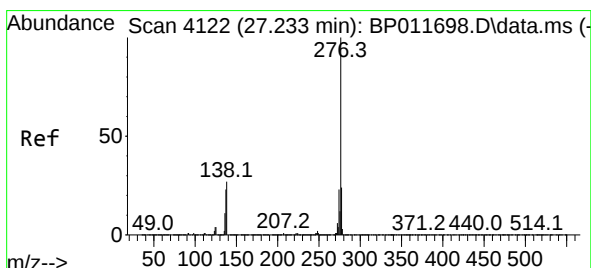
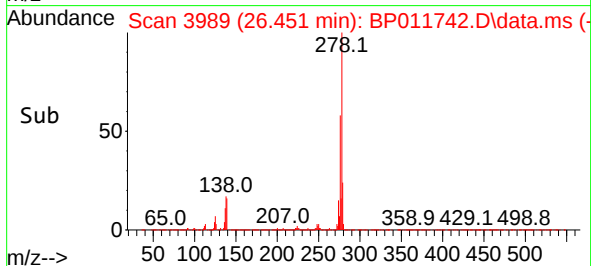
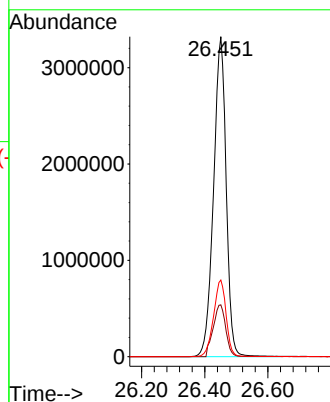
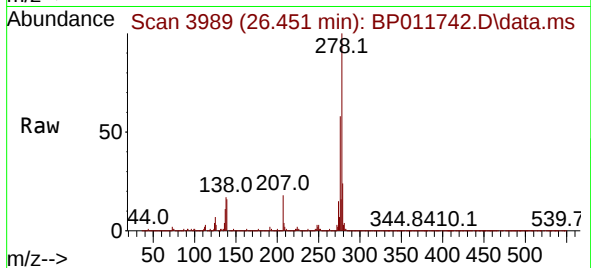
Tgt Ion:278 Resp: 9202699

Ion Ratio Lower Upper

278 100

139 16.2 11.4 17.0

279 23.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 69.295 ng

RT: 27.215 min Scan# 4119

Delta R.T. 0.012 min

Lab File: BP011742.D

Acq: 19 Sep 2022 19:14

Tgt Ion:276 Resp: 7710070

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 21.8 15.2 22.8

