

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
 Data File : BP011690.D
 Acq On : 13 Sep 2022 17:48
 Operator : CG/JU
 Sample : PB147586BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147586BSD

Quant Time: Sep 14 02:50:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 15:49:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	378567	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1728074	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	1159630	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2521239	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2738569	20.000	ng	0.00
86) Perylene-d12	23.892	264	2967504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	3555421	169.236	ng	0.00
7) Phenol-d6	7.110	99	4617514	168.357	ng	0.00
23) Nitrobenzene-d5	9.122	82	2468946	87.738	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	2071397	206.374	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	6276234	83.831	ng	0.00
79) Terphenyl-d14	19.898	244	11186272	89.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	285439	31.381	ng	# 78
3) Pyridine	3.793	79	826381	31.942	ng	# 74
4) n-Nitrosodimethylamine	3.699	42	408193	44.026	ng	# 32
6) Aniline	7.275	93	1662878	49.748	ng	# 88
8) 2-Chlorophenol	7.516	128	1348221	55.229	ng	87
9) Benzaldehyde	7.087	77	385387	22.299	ng	88
10) Phenol	7.140	94	1667637	54.598	ng	79
11) bis(2-Chloroethyl)ether	7.375	93	1193808	50.225	ng	89
12) 1,3-Dichlorobenzene	7.840	146	1298126	47.634	ng	# 91
13) 1,4-Dichlorobenzene	7.987	146	1338329	48.198	ng	97
14) 1,2-Dichlorobenzene	8.305	146	1307282	49.628	ng	96
15) Benzyl Alcohol	8.193	79	1091973	56.739	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1391507	47.983	ng	89
17) 2-Methylphenol	8.399	107	1097111	55.468	ng	# 90
18) Hexachloroethane	9.040	117	443369	48.146	ng	97
19) n-Nitroso-di-n-propyla...	8.769	70	858328	51.429	ng	# 78
20) 3+4-Methylphenols	8.722	107	1496064	55.258	ng	92
22) Acetophenone	8.781	105	1883973	46.936	ng	# 84
24) Nitrobenzene	9.163	77	1284699	43.837	ng	# 83
25) Isophorone	9.693	82	2467197	50.558	ng	# 92
26) 2-Nitrophenol	9.875	139	653313	47.159	ng	# 76
27) 2,4-Dimethylphenol	9.934	122	1265973	58.875	ng	89
28) bis(2-Chloroethoxy)met...	10.175	93	1587945	50.054	ng	98
29) 2,4-Dichlorophenol	10.410	162	1276241	53.122	ng	95
30) 1,2,4-Trichlorobenzene	10.628	180	1248600	46.055	ng	99
31) Naphthalene	10.816	128	3985909	44.418	ng	100
32) Benzoic acid	10.069	122	923035	50.943	ng	# 83
33) 4-Chloroaniline	10.922	127	1534303	43.064	ng	# 90
34) Hexachlorobutadiene	11.104	225	718419	47.456	ng	98
35) Caprolactam	11.722	113	246256	32.348	ng	# 61
36) 4-Chloro-3-methylphenol	12.046	107	1364276	54.241	ng	86
37) 2-Methylnaphthalene	12.422	142	2817087	47.165	ng	96
38) 1-Methylnaphthalene	12.640	142	2711320	46.428	ng	98
40) 1,2,4,5-Tetrachloroben...	12.787	216	1474425	46.848	ng	99
41) Hexachlorocyclopentadiene	12.769	237	1780771	117.115	ng	99
43) 2,4,6-Trichlorophenol	13.028	196	1038669	49.608	ng	99

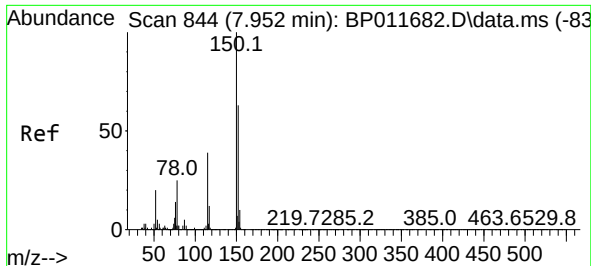
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 15:49:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	1175796	49.995	ng	96
46) 1,1'-Biphenyl	13.428	154	3747833	44.670	ng	99
47) 2-Chloronaphthalene	13.469	162	2848566	43.165	ng	98
48) 2-Nitroaniline	13.675	65	815756	41.771	ng	# 70
49) Acenaphthylene	14.316	152	4607949	45.319	ng	99
50) Dimethylphthalate	14.051	163	3754587	46.618	ng	100
51) 2,6-Dinitrotoluene	14.169	165	815200	50.215	ng	# 76
52) Acenaphthene	14.657	154	2827698	41.596	ng	98
53) 3-Nitroaniline	14.498	138	858227	41.547	ng	83
54) 2,4-Dinitrophenol	14.698	184	953155	100.714	ng	# 77
55) Dibenzofuran	14.992	168	4472228	45.005	ng	96
56) 4-Nitrophenol	14.804	139	1735754	107.538	ng	# 64
57) 2,4-Dinitrotoluene	14.951	165	1153390	48.821	ng	# 79
58) Fluorene	15.645	166	3672590	45.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	1027798	51.898	ng	# 95
60) Diethylphthalate	15.416	149	3748192	47.511	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	1828585	48.753	ng	92
62) 4-Nitroaniline	15.663	138	988029	45.604	ng	# 75
63) Azobenzene	15.934	77	3197165	44.300	ng	85
65) 4,6-Dinitro-2-methylph...	15.716	198	571012	43.021	ng	# 78
66) n-Nitrosodiphenylamine	15.851	169	3299806	44.783	ng	97
67) 4-Bromophenyl-phenylether	16.534	248	1192376	49.979	ng	94
68) Hexachlorobenzene	16.645	284	1372876	51.212	ng	93
69) Atrazine	16.810	200	1104038	48.492	ng	99
70) Pentachlorophenol	16.992	266	1887161	119.414	ng	100
71) Phenanthrene	17.392	178	5993303	43.802	ng	98
72) Anthracene	17.481	178	6044232	46.804	ng	98
73) Carbazole	17.751	167	5919538	48.318	ng	99
74) Di-n-butylphthalate	18.304	149	6703820	49.049	ng	# 98
75) Fluoranthene	19.351	202	7274062	48.454	ng	96
77) Benzidine	19.527	184	4959728	77.201	ng	98
78) Pyrene	19.704	202	7516977	42.250	ng	99
80) Butylbenzylphthalate	20.574	149	3201446	40.773	ng	89
81) Benzo(a)anthracene	21.416	228	7729235	44.408	ng	95
82) 3,3'-Dichlorobenzidine	21.345	252	3137546	57.665	ng	99
83) Chrysene	21.469	228	7305614	43.561	ng	96
84) Bis(2-ethylhexyl)phtha...	21.339	149	4651601	42.305	ng	97
85) Di-n-octyl phthalate	22.286	149	8067915	43.277	ng	# 88
87) Indeno(1,2,3-cd)pyrene	26.486	276	10533425	48.800	ng	96
88) Benzo(b)fluoranthene	23.145	252	8823549	48.183	ng	99
89) Benzo(k)fluoranthene	23.192	252	8292401	45.390	ng	97
90) Benzo(a)pyrene	23.786	252	7756716	51.508	ng	97
91) Dibenzo(a,h)anthracene	26.504	278	9297896	51.856	ng	97
92) Benzo(g,h,i)perylene	27.280	276	9110174	51.712	ng	98

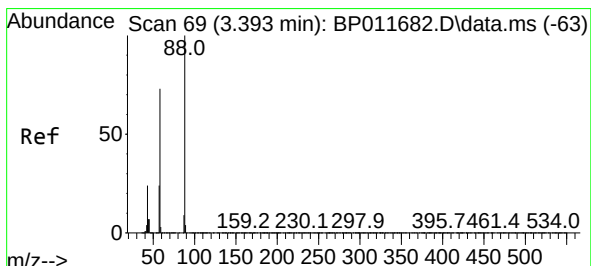
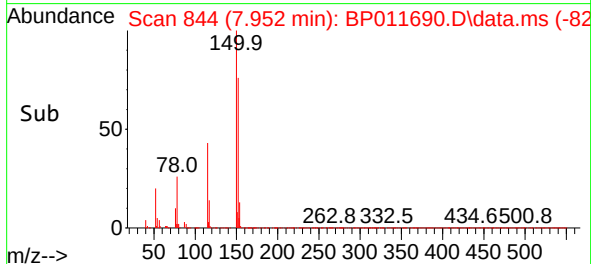
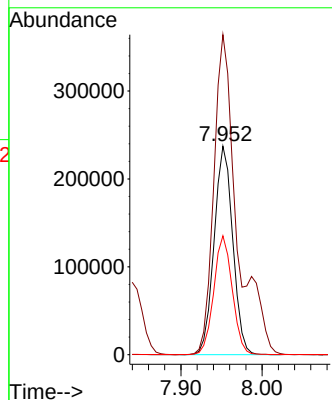
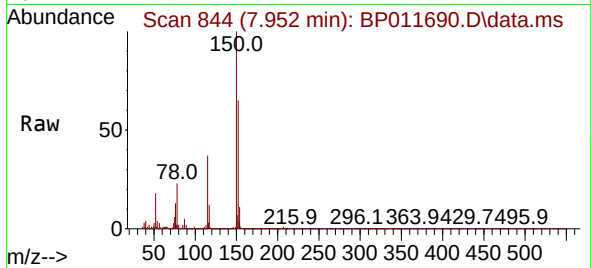
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 844
 Delta R.T. -0.000 min
 Lab File: BP011690.D
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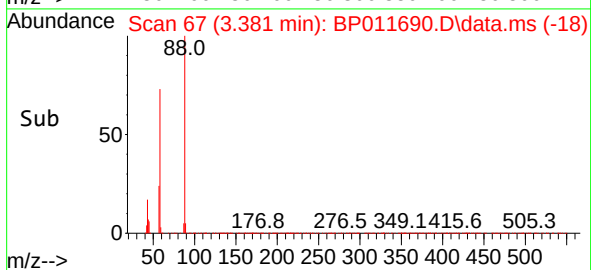
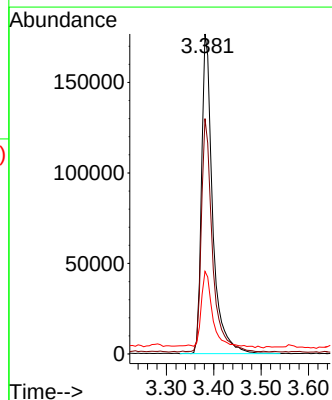
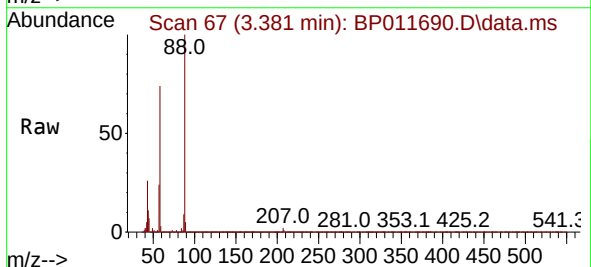
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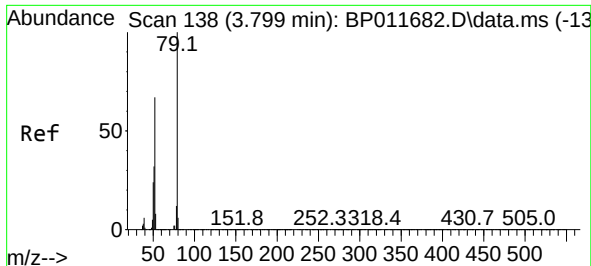
Tgt Ion:152 Resp: 378567
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.4 185.2
 115 57.0 51.3 76.9



#2
 1,4-Dioxane
 Concen: 31.381 ng
 RT: 3.381 min Scan# 67
 Delta R.T. -0.012 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

Tgt Ion: 88 Resp: 285439
 Ion Ratio Lower Upper
 88 100
 58 72.7 74.5 111.7#
 43 25.3 31.5 47.3#

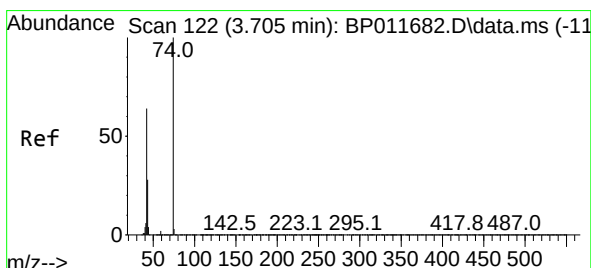
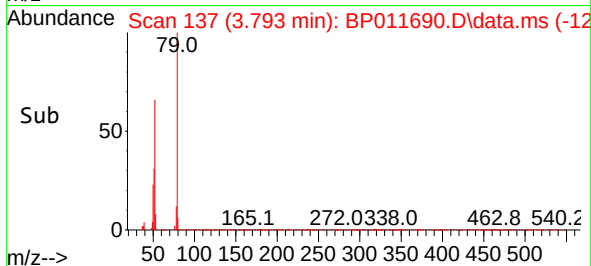
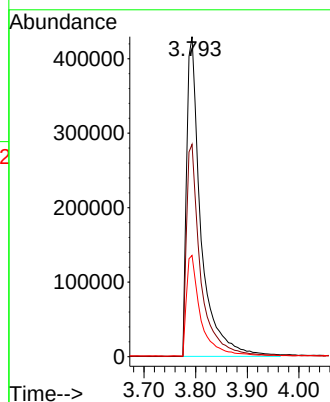
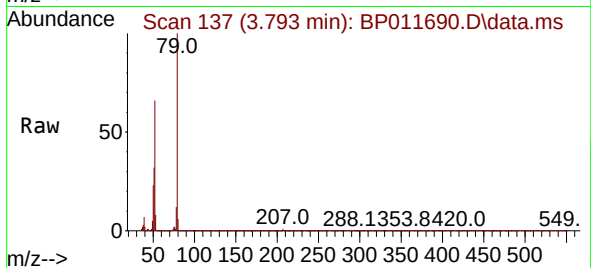




#3
 Pyridine
 Concen: 31.942 ng
 RT: 3.793 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

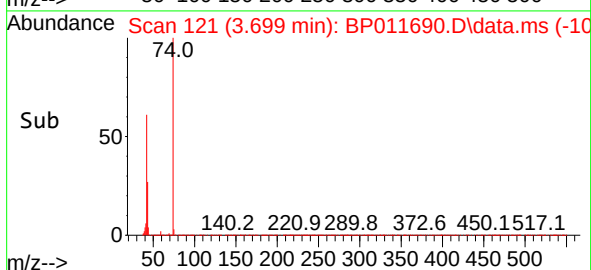
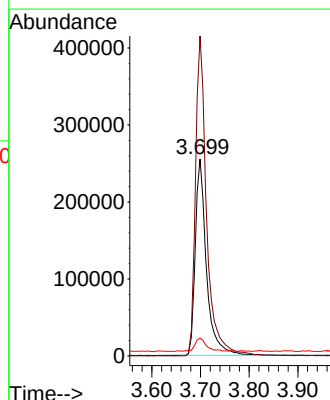
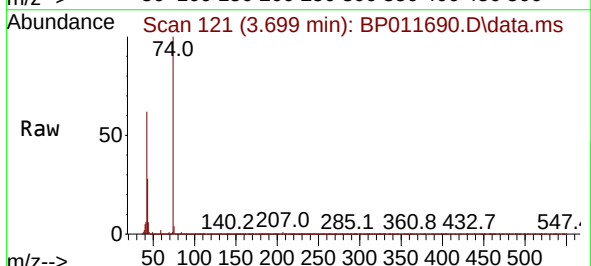
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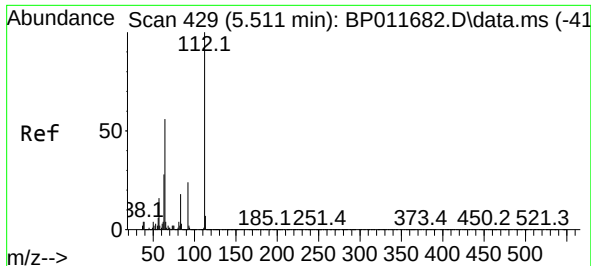
Tgt Ion: 79 Resp: 826381
 Ion Ratio Lower Upper
 79 100
 52 66.3 73.5 110.3#
 51 31.7 38.6 57.8#



#4
 n-Nitrosodimethylamine
 Concen: 44.026 ng
 RT: 3.699 min Scan# 121
 Delta R.T. -0.006 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

Tgt Ion: 42 Resp: 408193
 Ion Ratio Lower Upper
 42 100
 74 162.5 74.4 111.6#
 44 9.1 5.7 8.5#

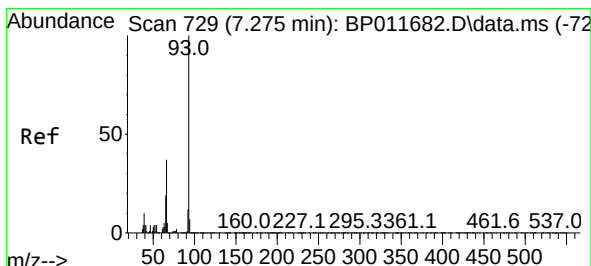
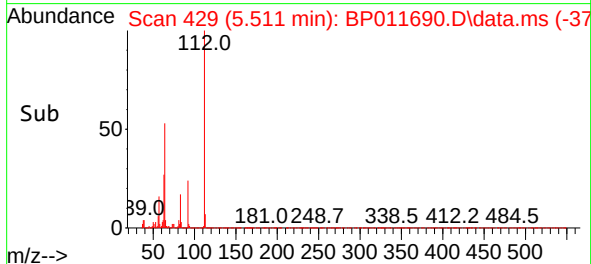
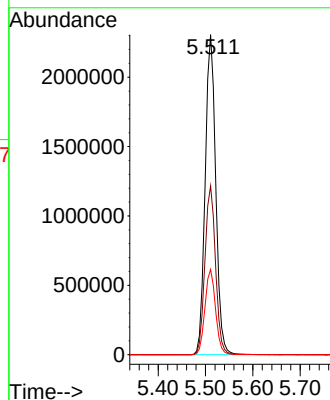
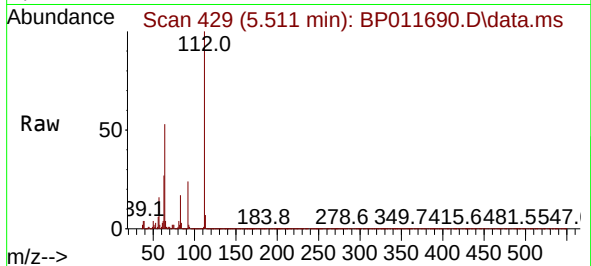




#5
2-Fluorophenol
Concen: 169.236 ng
RT: 5.511 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

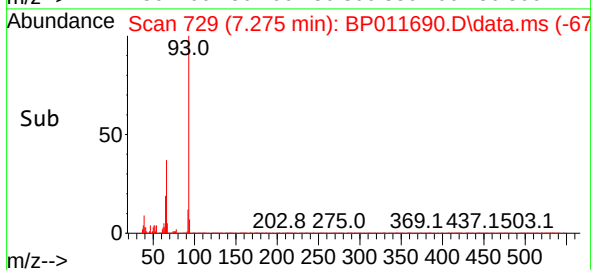
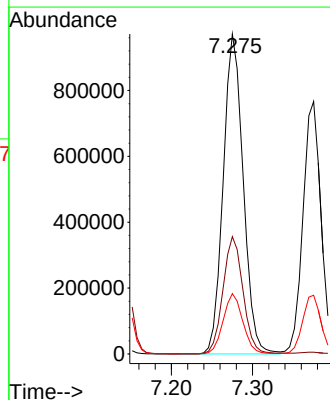
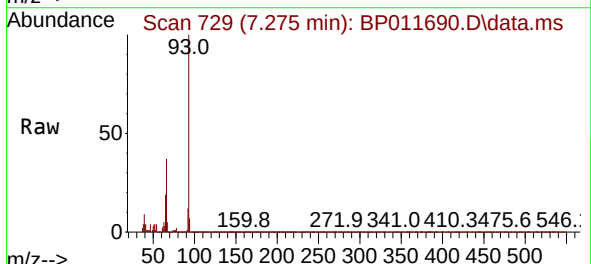
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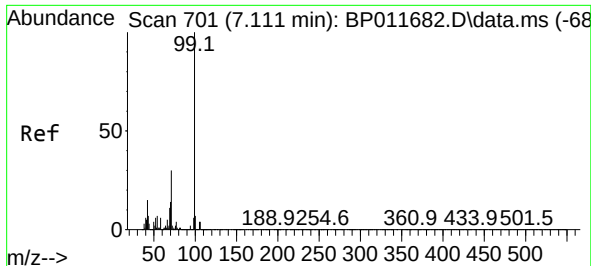
Tgt Ion:112 Resp: 3555421
Ion Ratio Lower Upper
112 100
64 52.7 56.9 85.3#
63 26.6 31.2 46.8#



#6
Aniline
Concen: 49.748 ng
RT: 7.275 min Scan# 729
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 93 Resp: 1662878
Ion Ratio Lower Upper
93 100
66 36.7 36.7 55.1#
65 18.8 18.2 27.4

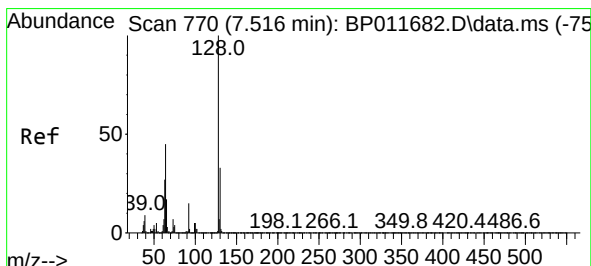
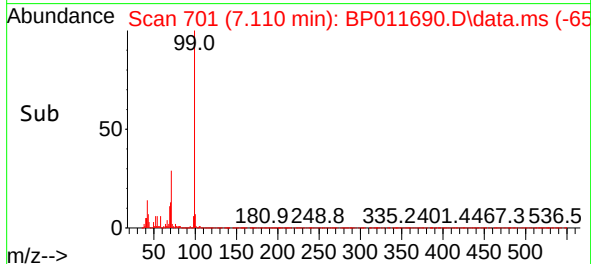
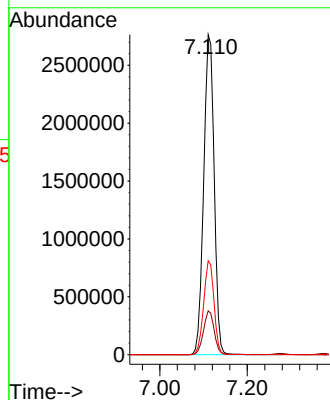
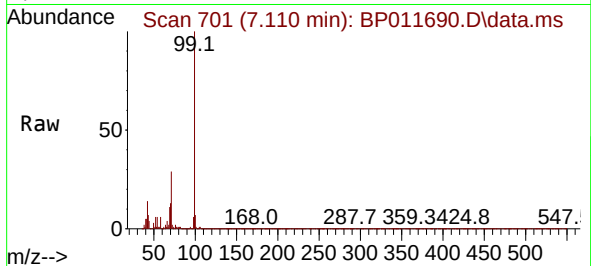




#7
Phenol-d6
Concen: 168.357 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

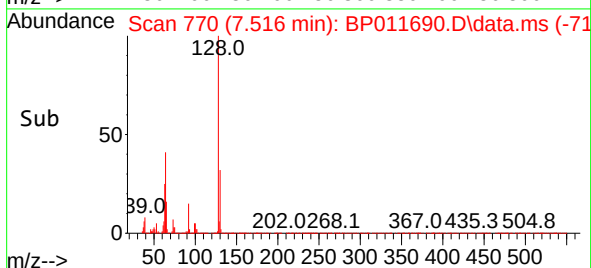
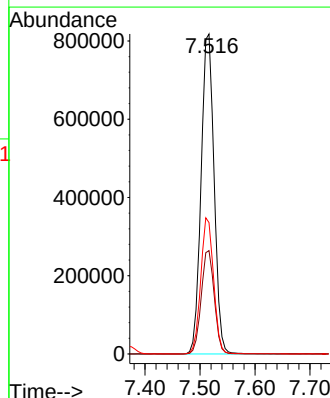
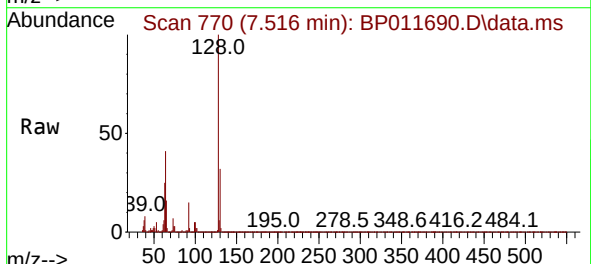
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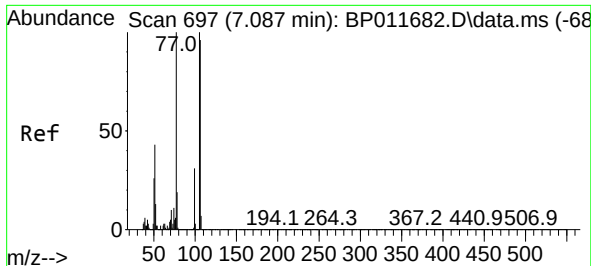
Tgt Ion: 99 Resp: 4617514
Ion Ratio Lower Upper
99 100
42 13.7 20.3 30.5#
71 29.4 33.9 50.9#



#8
2-Chlorophenol
Concen: 55.229 ng
RT: 7.516 min Scan# 770
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 128 Resp: 1348221
Ion Ratio Lower Upper
128 100
130 32.3 11.8 51.8
64 41.1 35.3 75.3

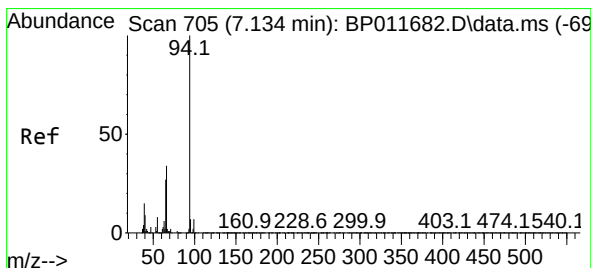
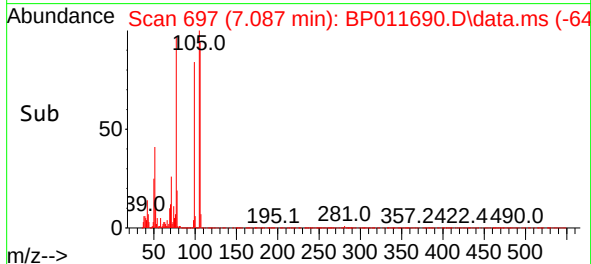
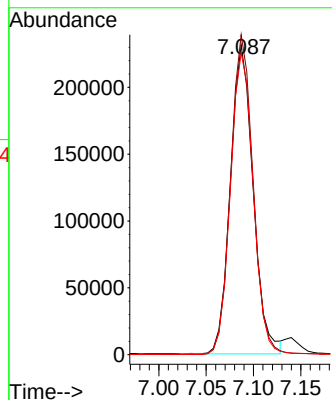
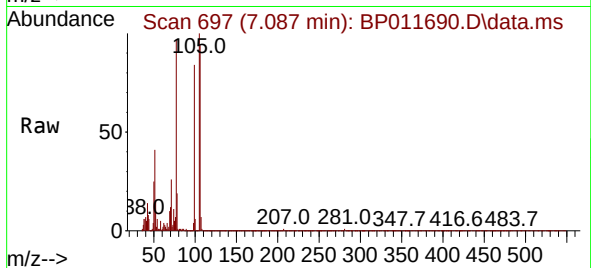




#9
Benzaldehyde
Concen: 22.299 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

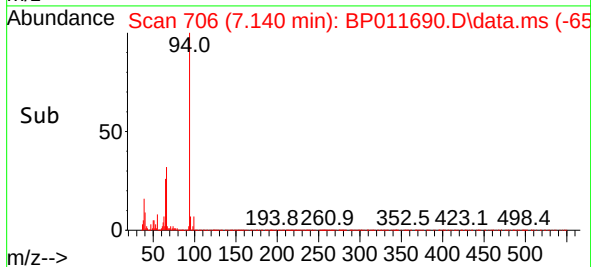
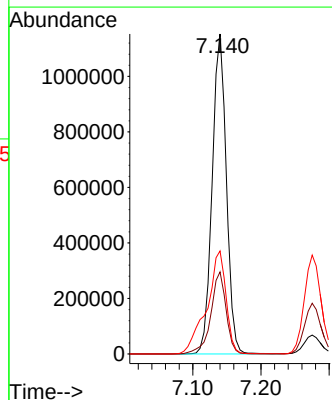
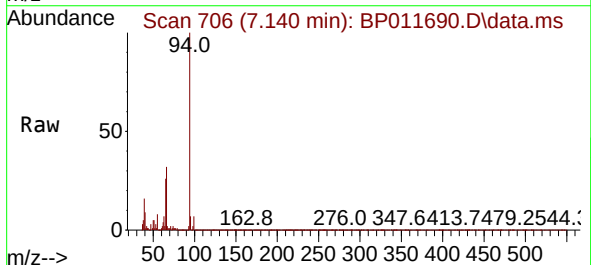
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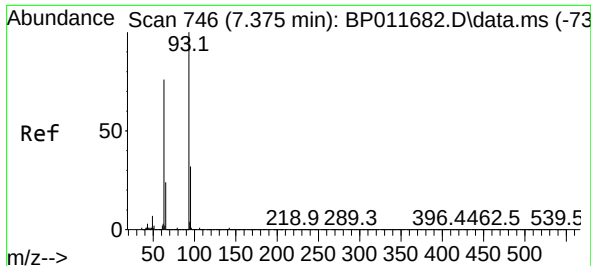
Tgt Ion: 77 Resp: 385387
Ion Ratio Lower Upper
77 100
105 103.2 71.4 111.4
106 97.4 66.9 106.9



#10
Phenol
Concen: 54.598 ng
RT: 7.140 min Scan# 706
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 94 Resp: 1667637
Ion Ratio Lower Upper
94 100
65 25.7 14.0 54.0
66 32.2 29.2 69.2



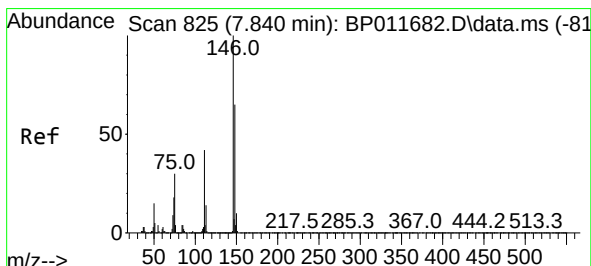
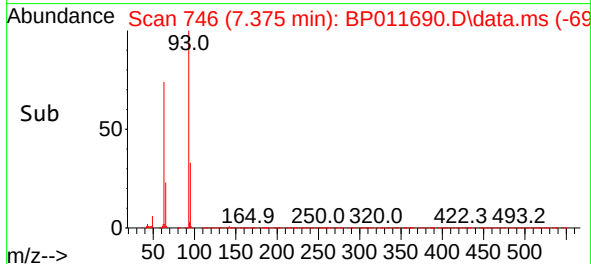
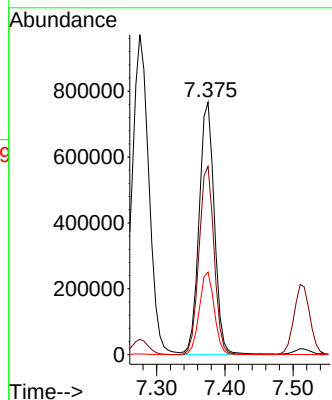
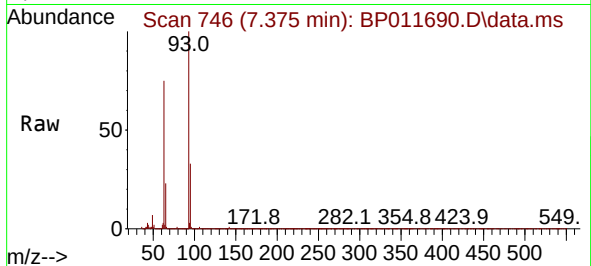


#11
bis(2-Chloroethyl)ether
Concen: 50.225 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Instrument :
BNA_P
ClientSampleId :
PB147586BSD

Tgt Ion: 93 Resp: 1193808

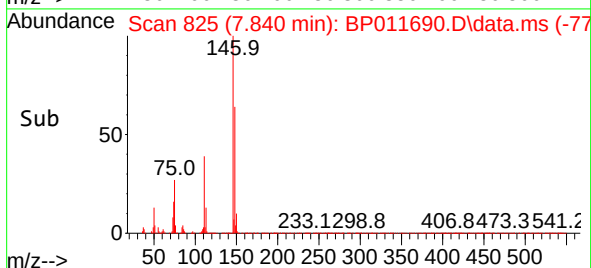
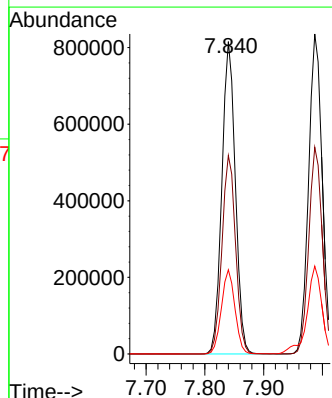
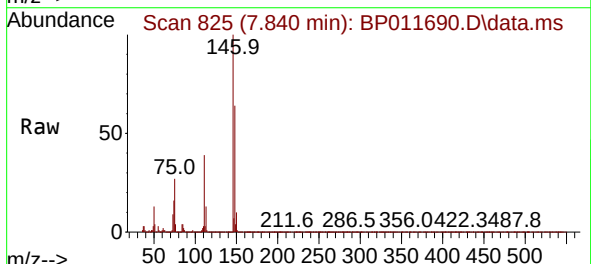
Ion	Ratio	Lower	Upper
93	100		
63	74.5	68.2	108.2
95	32.7	12.2	52.2

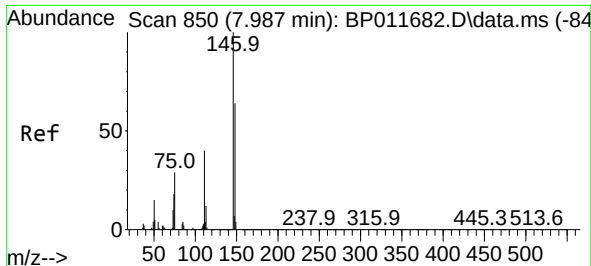


#12
1,3-Dichlorobenzene
Concen: 47.634 ng
RT: 7.840 min Scan# 825
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:146 Resp: 1298126

Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.0	79.4
75	27.0	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 48.198 ng

RT: 7.987 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

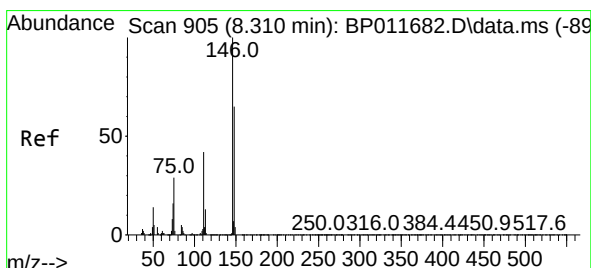
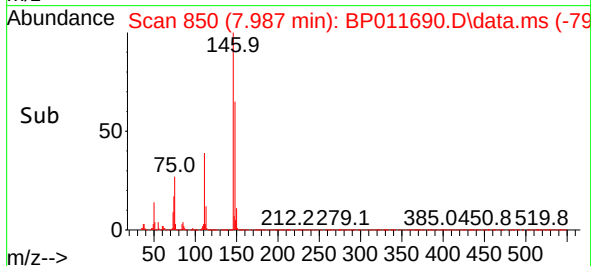
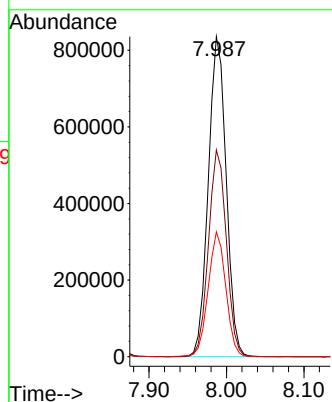
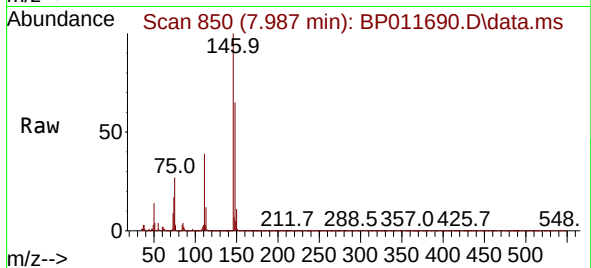
Tgt Ion:146 Resp: 1338329

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

111 39.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 49.628 ng

RT: 8.305 min Scan# 904

Delta R.T. -0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

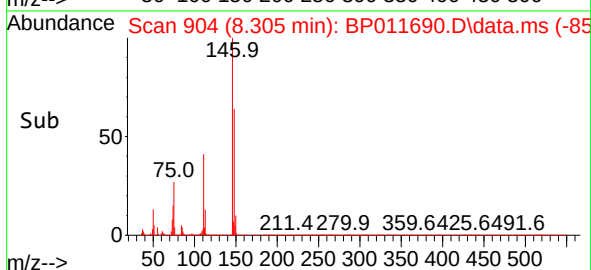
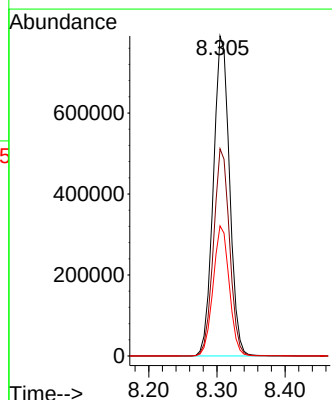
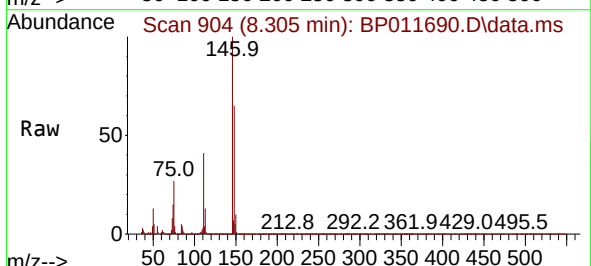
Tgt Ion:146 Resp: 1307282

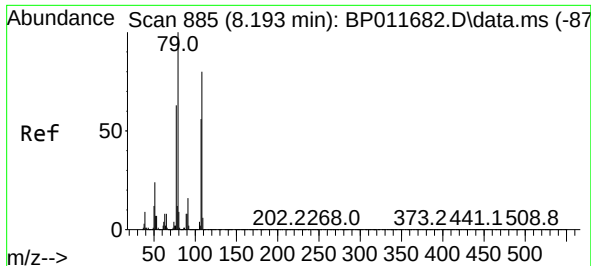
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

111 40.7 36.6 55.0

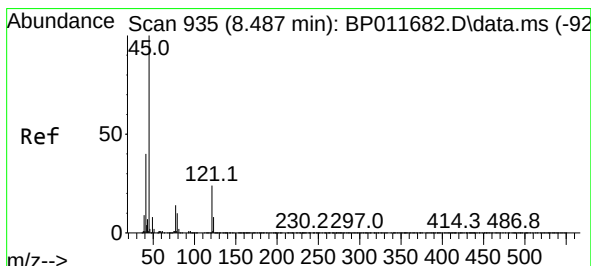
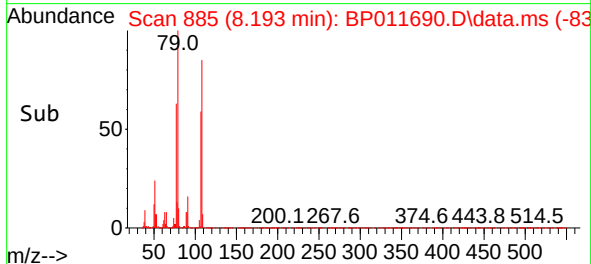
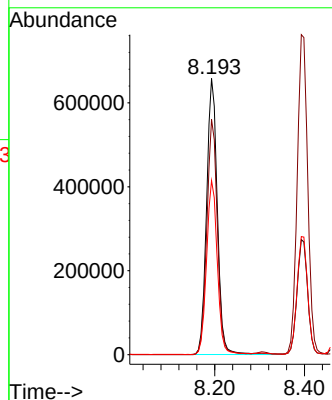
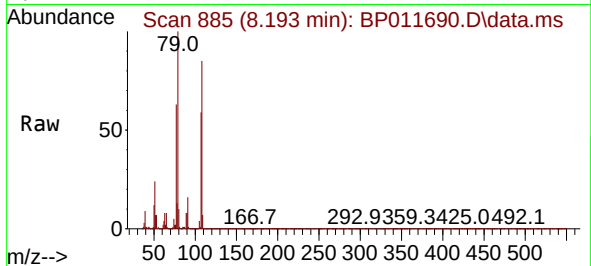




#15
Benzyl Alcohol
Concen: 56.739 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

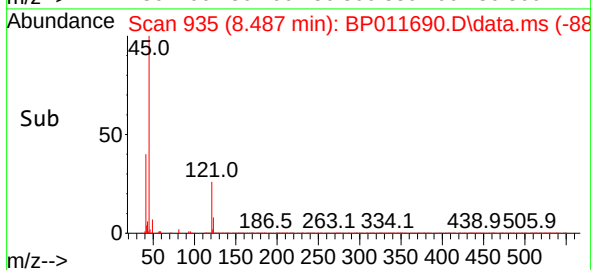
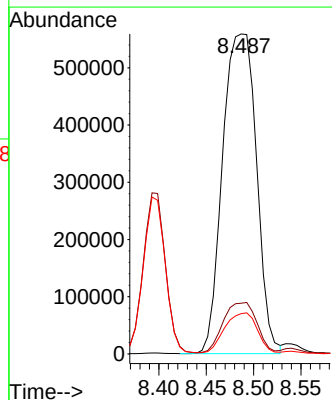
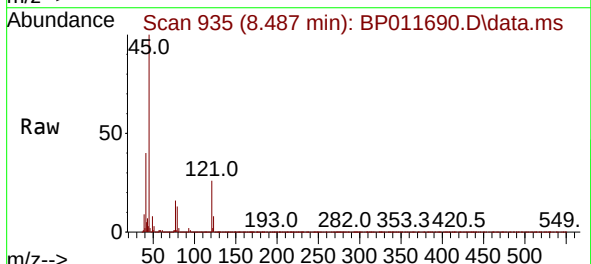
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

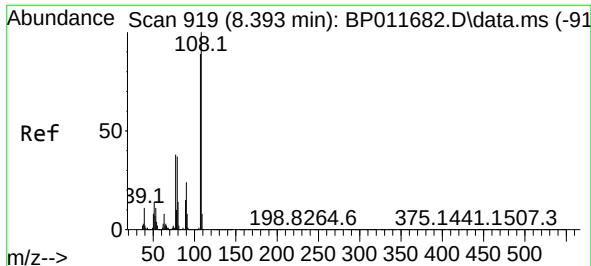
Tgt Ion: 79 Resp: 1091973
Ion Ratio Lower Upper
79 100
108 85.1 53.4 80.0#
77 63.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.983 ng
RT: 8.487 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 45 Resp: 1391507
Ion Ratio Lower Upper
45 100
77 15.8 0.0 31.8
79 12.6 0.0 28.8





#17

2-Methylphenol

Concen: 55.468 ng

RT: 8.399 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

Tgt Ion:107 Resp: 1097111

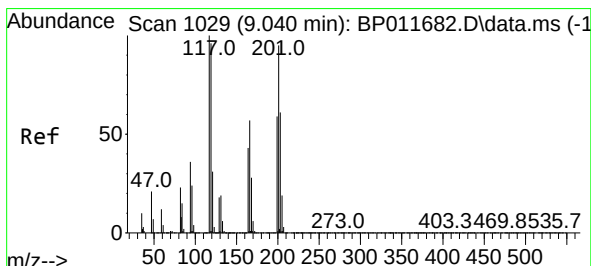
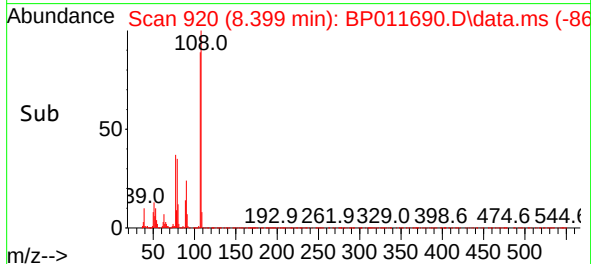
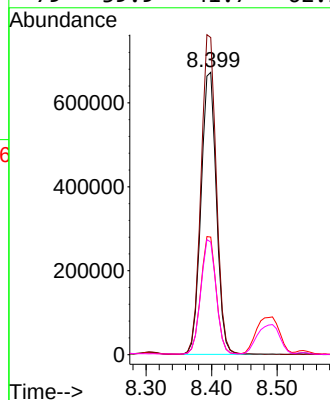
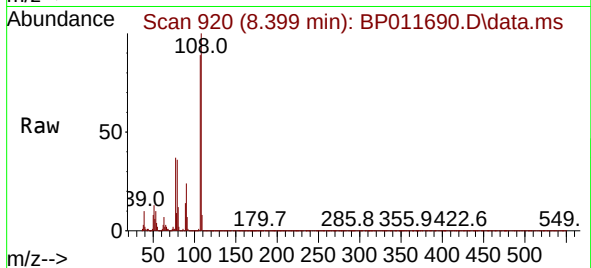
Ion Ratio Lower Upper

107 100

108 112.3 88.9 133.3

77 41.7 44.7 67.1#

79 39.9 41.7 62.5#



#18

Hexachloroethane

Concen: 48.146 ng

RT: 9.040 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

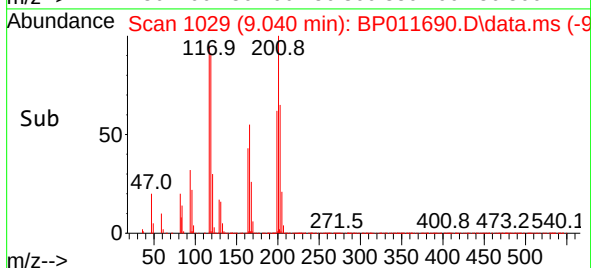
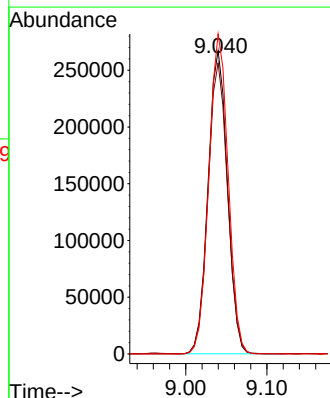
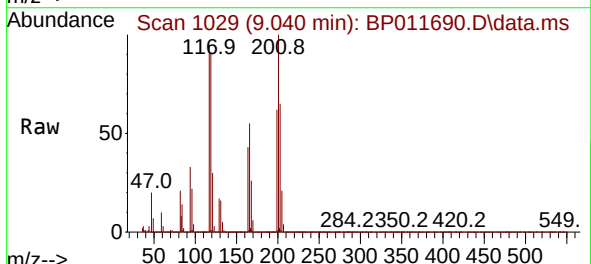
Tgt Ion:117 Resp: 443369

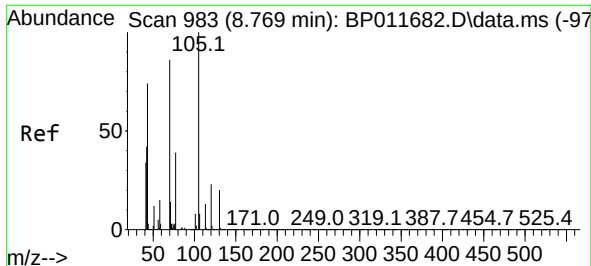
Ion Ratio Lower Upper

117 100

119 96.0 75.6 113.4

201 105.5 80.9 121.3

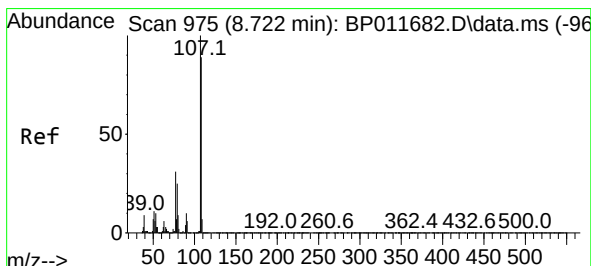
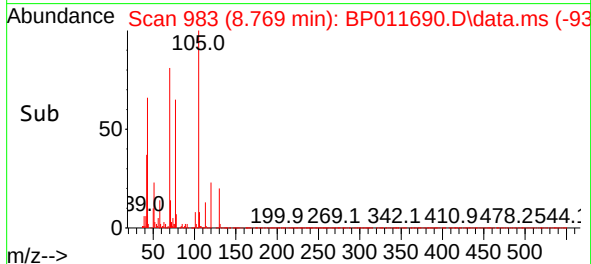
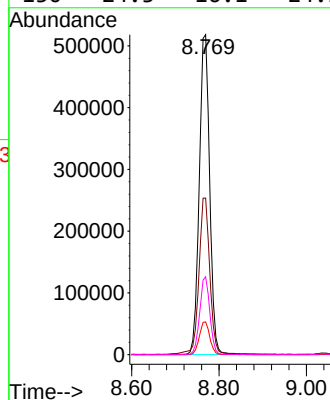
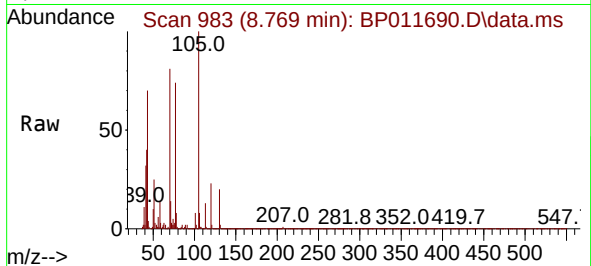




#19
n-Nitroso-di-n-propylamine
Concen: 51.429 ng
RT: 8.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

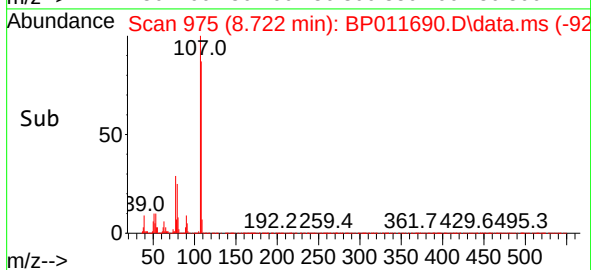
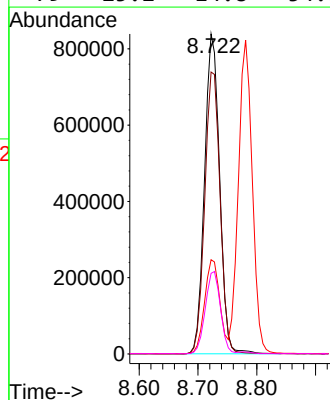
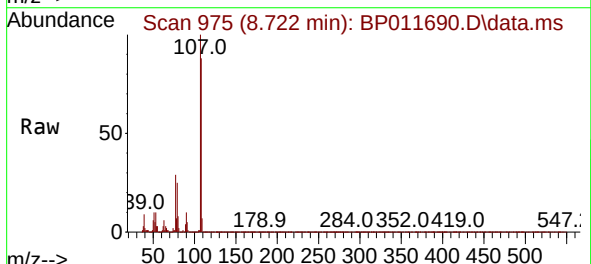
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

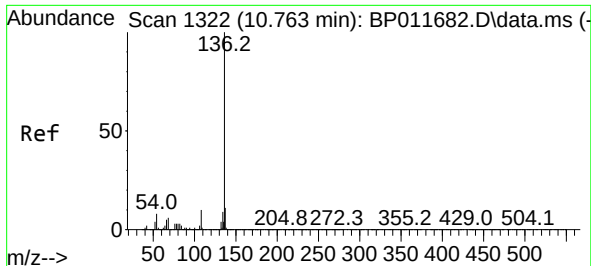
Tgt Ion: 70 Resp: 858328
Ion Ratio Lower Upper
70 100
42 49.0 58.1 87.1#
101 10.3 8.4 12.6
130 24.3 16.1 24.1#



#20
3+4-Methylphenols
Concen: 55.258 ng
RT: 8.722 min Scan# 975
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 107 Resp: 1496064
Ion Ratio Lower Upper
107 100
108 88.1 67.1 107.1
77 29.4 19.2 59.2
79 25.2 14.8 54.8

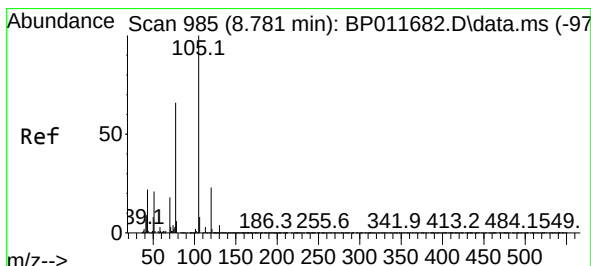
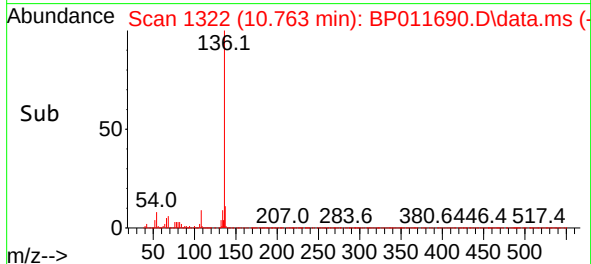
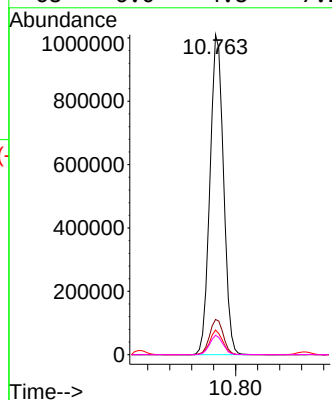
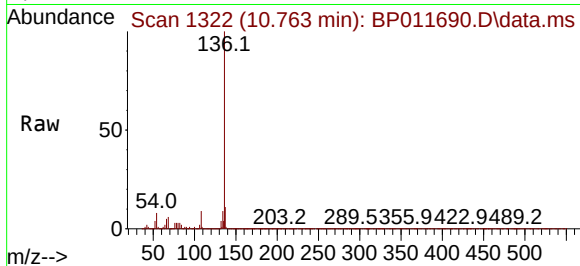




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

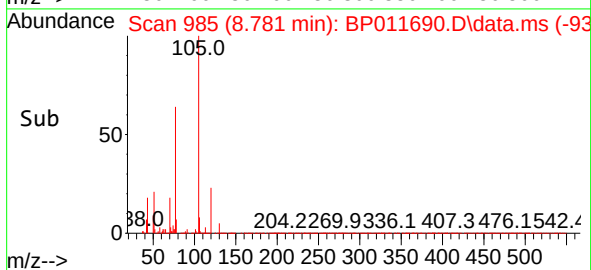
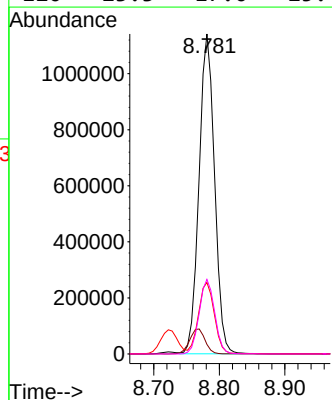
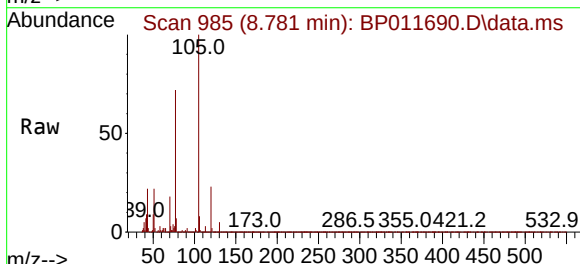
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

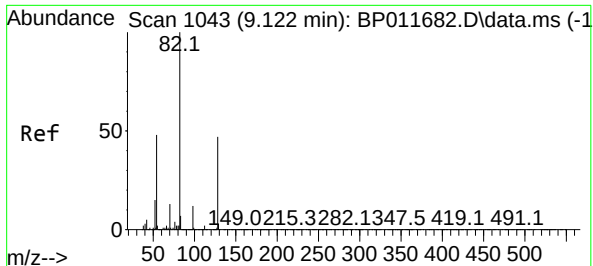
Tgt Ion:136 Resp: 1728074
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.7 8.7 13.1#
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 46.936 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:105 Resp: 1883973
Ion Ratio Lower Upper
105 100
71 3.0 3.4 5.0#
51 22.3 29.5 44.3#
120 23.3 17.0 25.4

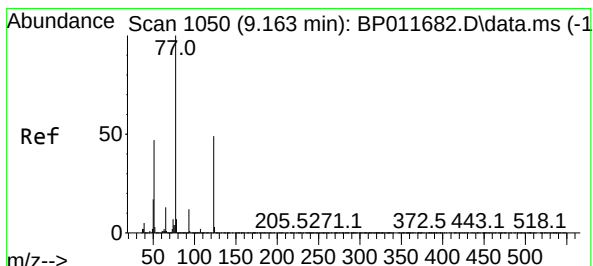
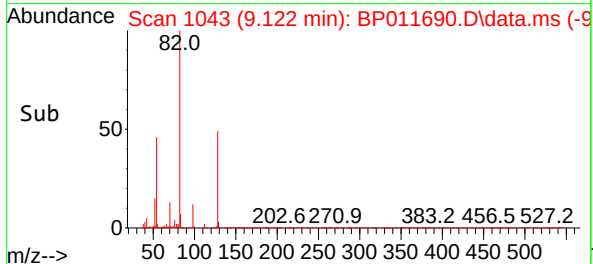
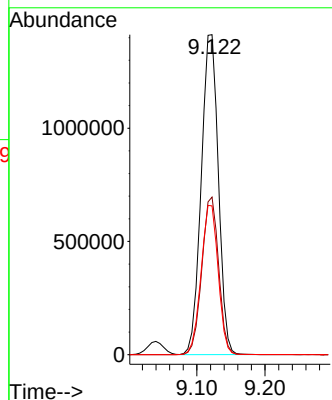
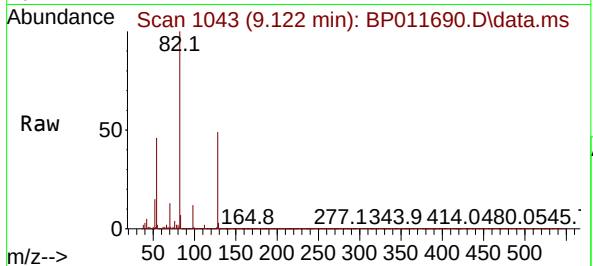




#23
Nitrobenzene-d5
Concen: 87.738 ng
RT: 9.122 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

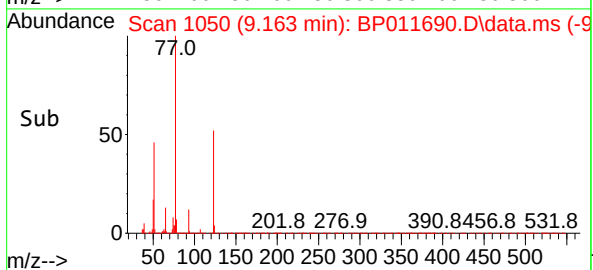
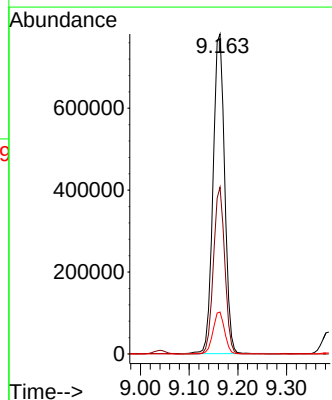
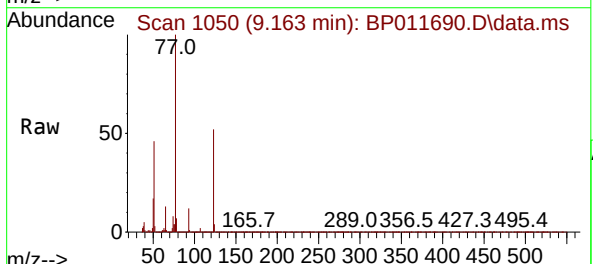
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

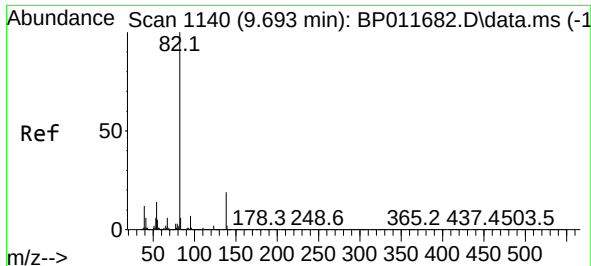
Tgt Ion: 82 Resp: 2468946
Ion Ratio Lower Upper
82 100
128 49.2 31.3 46.9#
54 46.5 49.8 74.8#



#24
Nitrobenzene
Concen: 43.837 ng
RT: 9.163 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 77 Resp: 1284699
Ion Ratio Lower Upper
77 100
123 52.1 31.1 46.7#
65 13.1 12.1 18.1

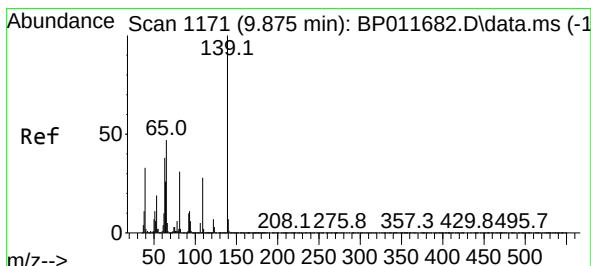
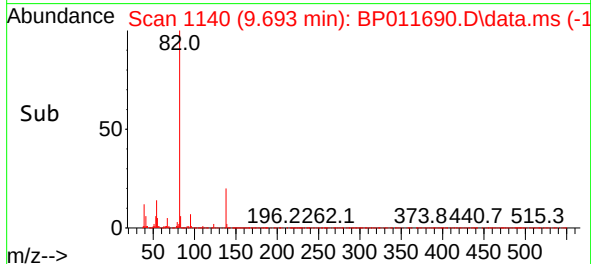
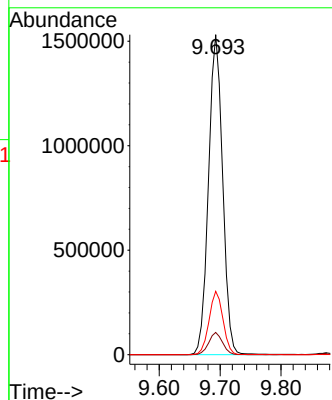
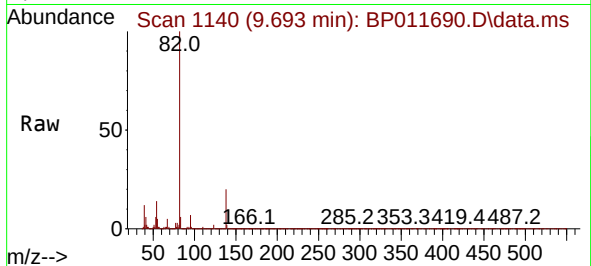




#25
Isophorone
Concen: 50.558 ng
RT: 9.693 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

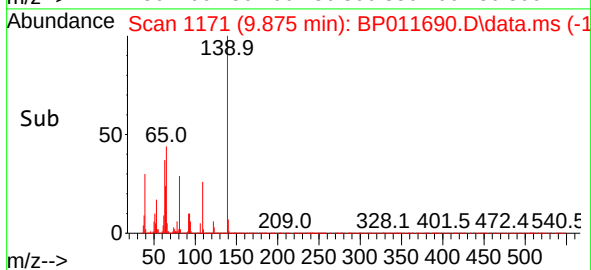
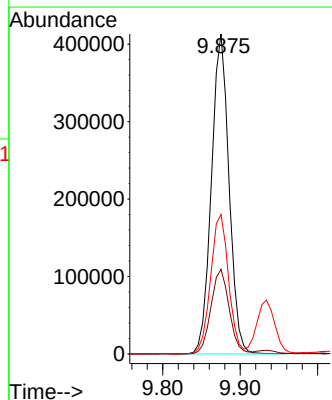
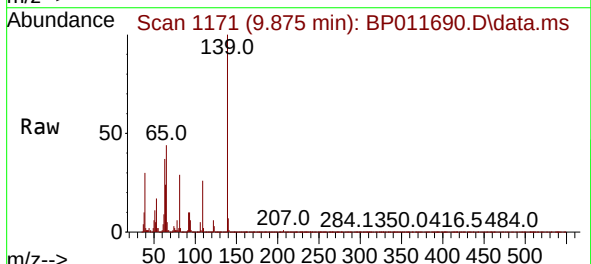
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

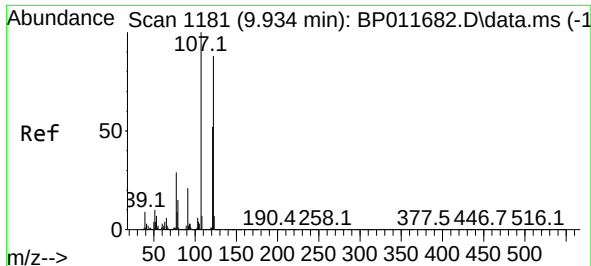
Tgt Ion: 82 Resp: 2467197
Ion Ratio Lower Upper
82 100
95 7.0 6.5 9.7
138 19.8 12.4 18.6#



#26
2-Nitrophenol
Concen: 47.159 ng
RT: 9.875 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:139 Resp: 653313
Ion Ratio Lower Upper
139 100
109 26.4 30.2 45.4#
65 43.6 52.2 78.2#





#27

2,4-Dimethylphenol

Concen: 58.875 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

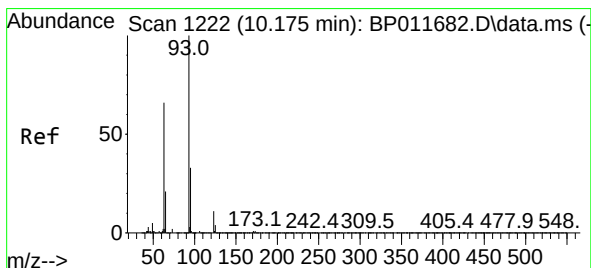
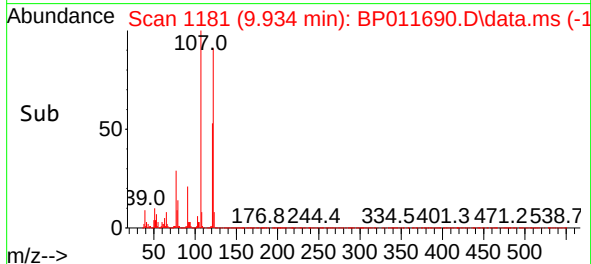
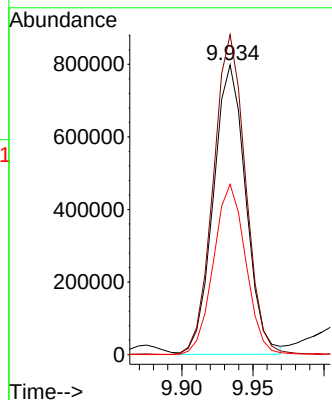
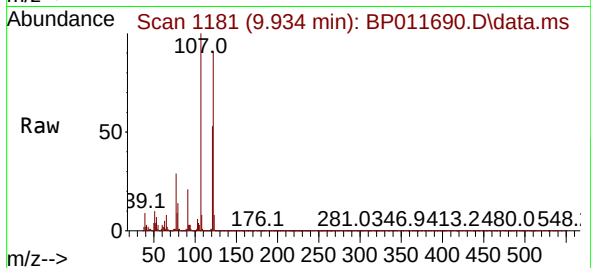
Tgt Ion:122 Resp: 1265973

Ion Ratio Lower Upper

122 100

107 110.4 103.5 155.3

121 58.8 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 50.054 ng

RT: 10.175 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

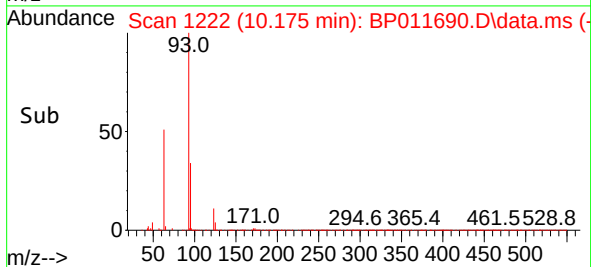
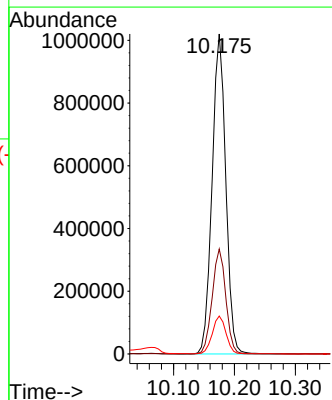
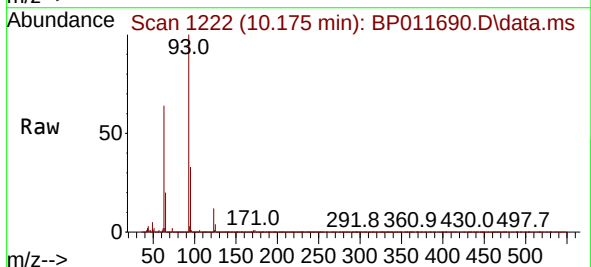
Tgt Ion: 93 Resp: 1587945

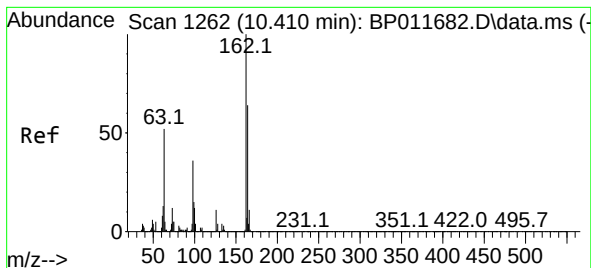
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.6

123 11.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 53.122 ng

RT: 10.410 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

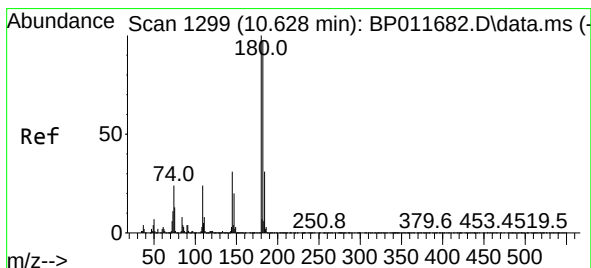
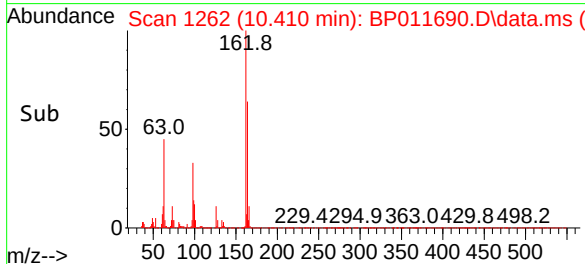
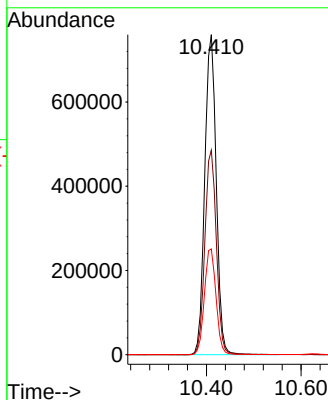
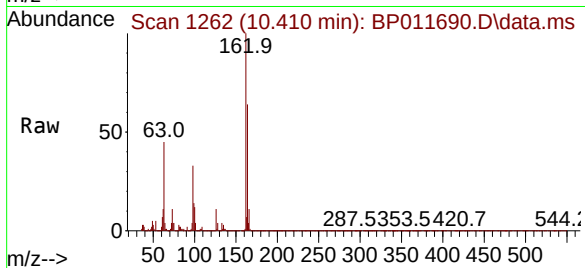
Tgt Ion:162 Resp: 1276241

Ion Ratio Lower Upper

162 100

164 63.9 43.0 83.0

98 33.0 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 46.055 ng

RT: 10.628 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

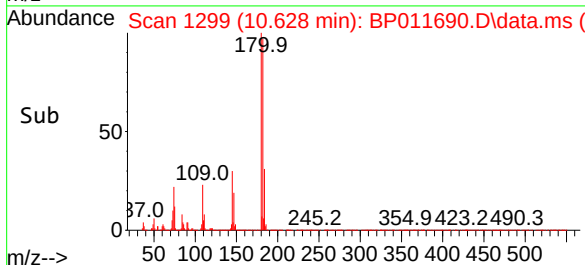
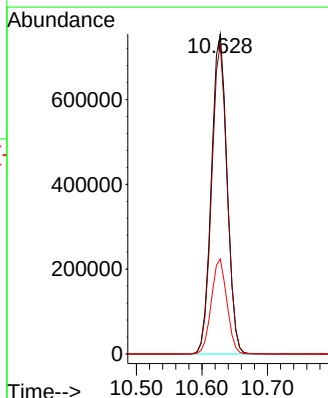
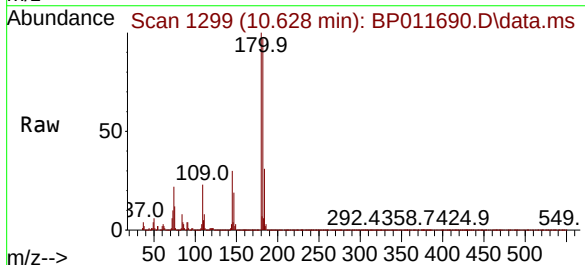
Tgt Ion:180 Resp: 1248600

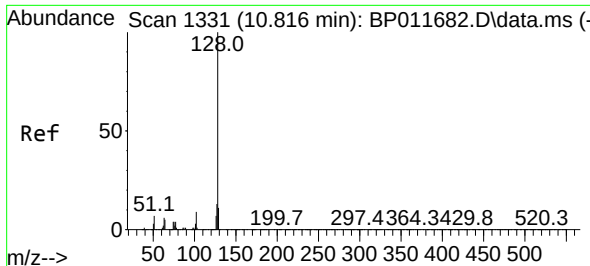
Ion Ratio Lower Upper

180 100

182 96.9 78.0 117.0

145 29.7 24.6 36.8

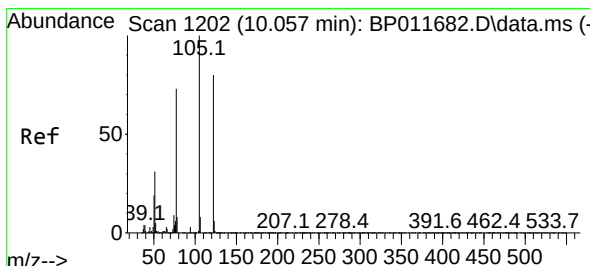
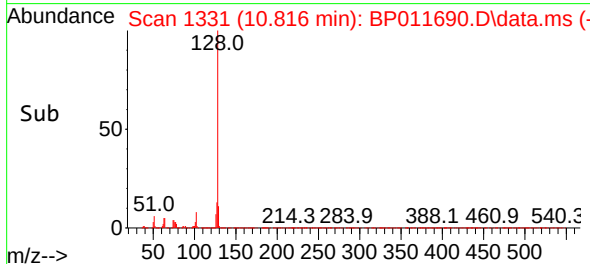
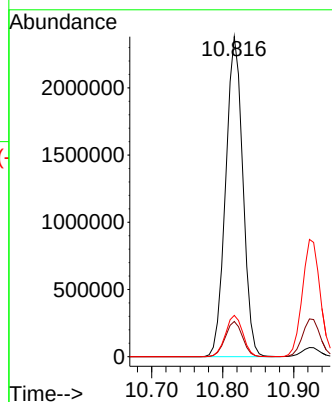
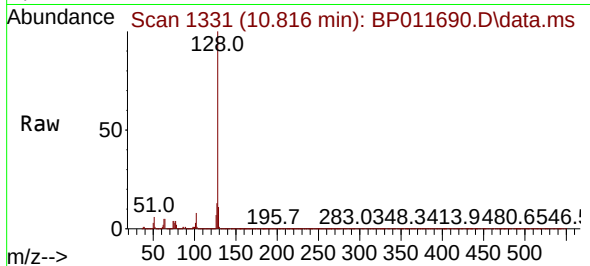




#31
Naphthalene
Concen: 44.418 ng
RT: 10.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

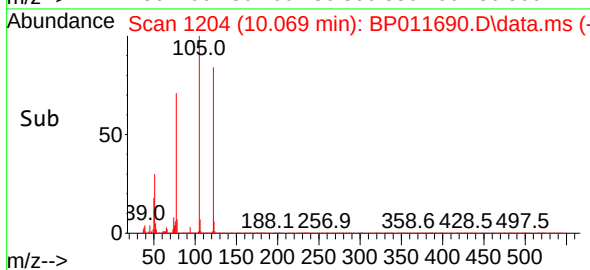
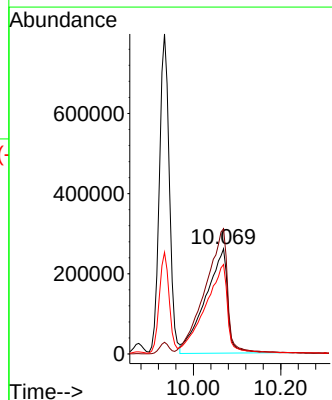
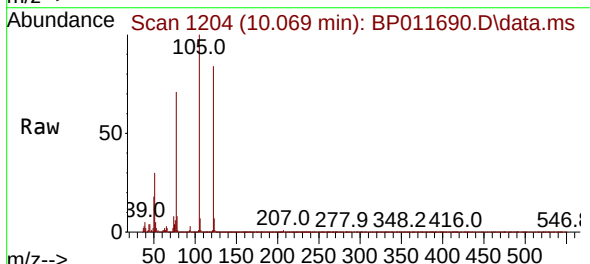
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

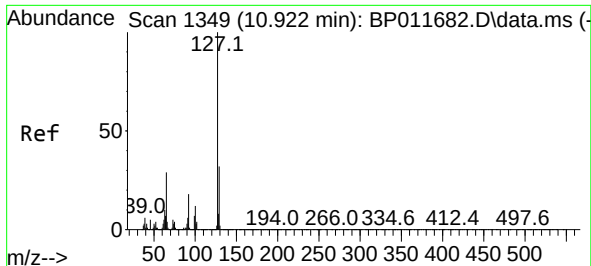
Tgt Ion:128 Resp: 3985909
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 50.943 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:122 Resp: 923035
Ion Ratio Lower Upper
122 100
105 119.3 112.6 152.6
77 85.1 90.2 130.2#



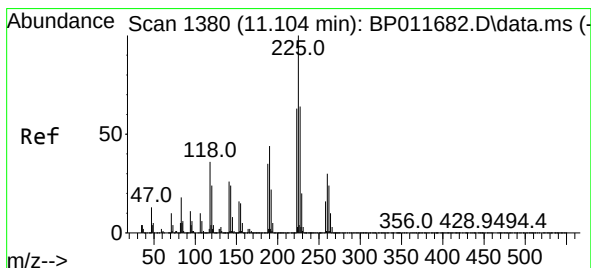
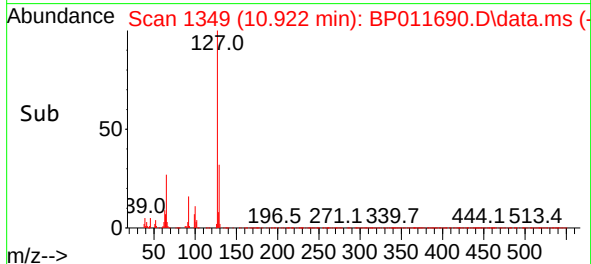
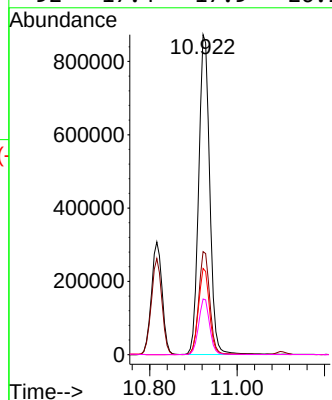
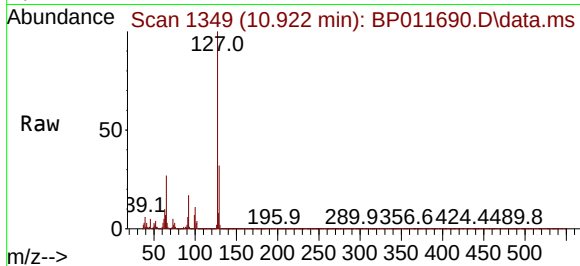


#33
4-Chloroaniline
Concen: 43.064 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Instrument :
BNA_P
ClientSampleId :
PB147586BSD

Tgt Ion:127 Resp: 1534303

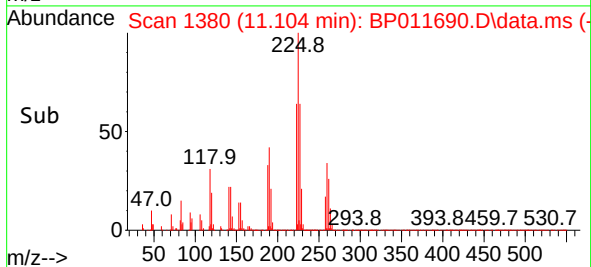
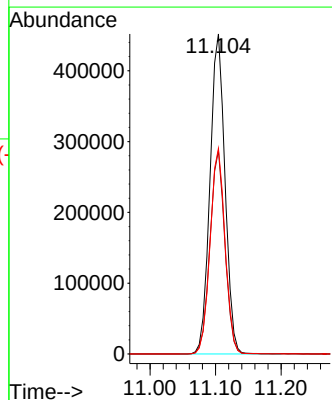
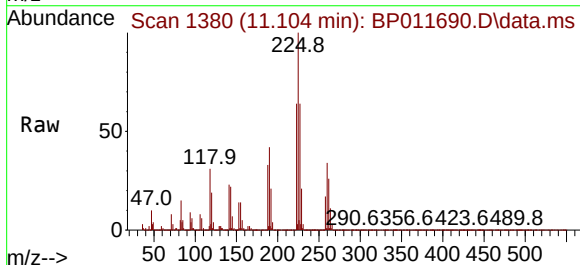
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	27.0	30.4	45.6#
92	17.4	17.9	26.9#

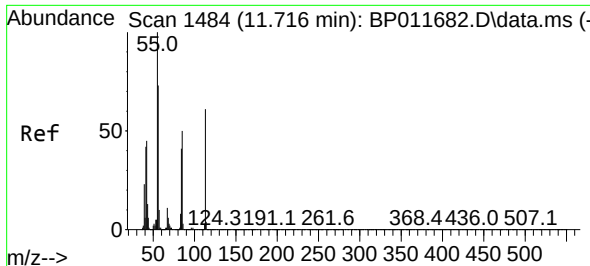


#34
Hexachlorobutadiene
Concen: 47.456 ng
RT: 11.104 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:225 Resp: 718419

Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.2	78.4
227	64.2	50.8	76.2

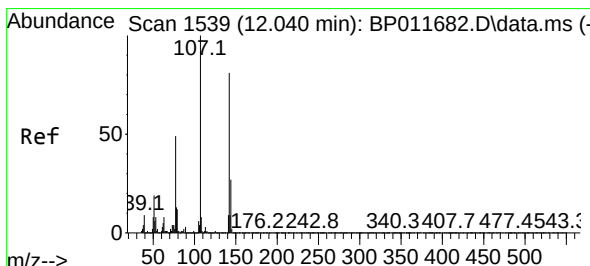
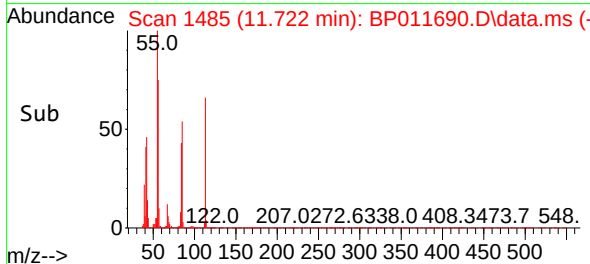
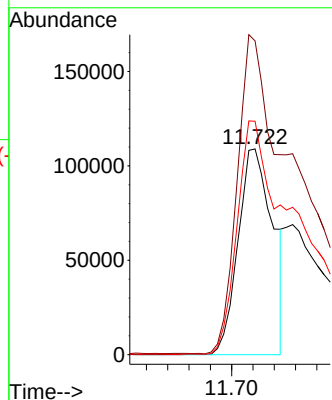
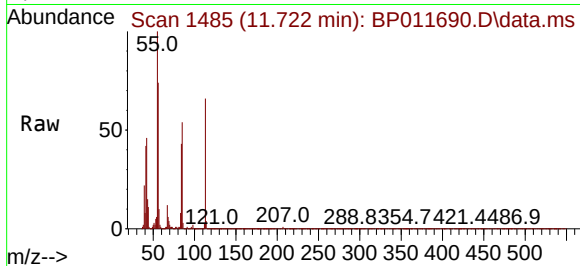




#35
Caprolactam
Concen: 32.348 ng
RT: 11.722 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

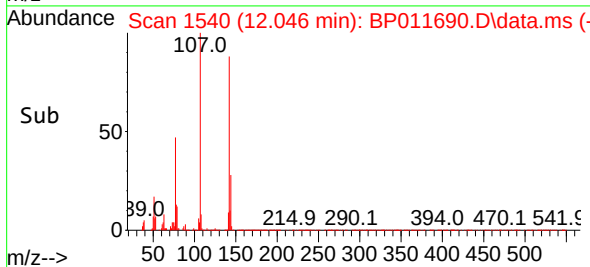
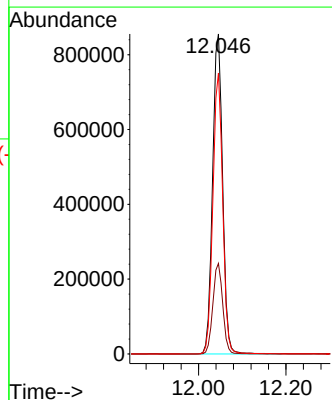
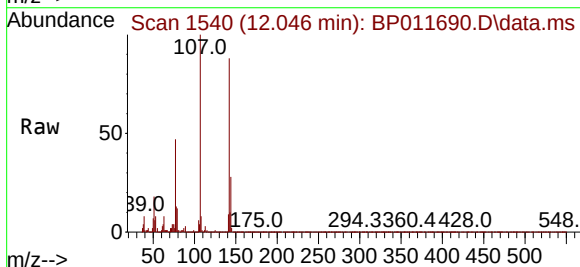
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

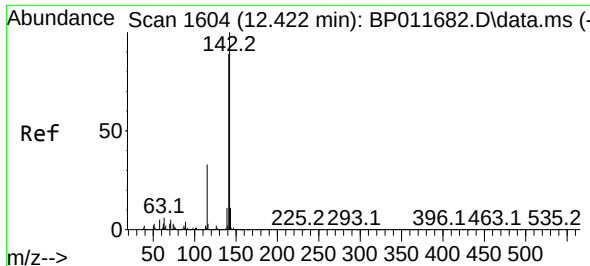
Tgt Ion:113 Resp: 246256
Ion Ratio Lower Upper
113 100
55 152.5 198.6 238.6#
56 113.4 142.7 182.7#



#36
4-Chloro-3-methylphenol
Concen: 54.241 ng
RT: 12.046 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:107 Resp: 1364276
Ion Ratio Lower Upper
107 100
144 28.3 19.8 29.6
142 87.8 59.0 88.4

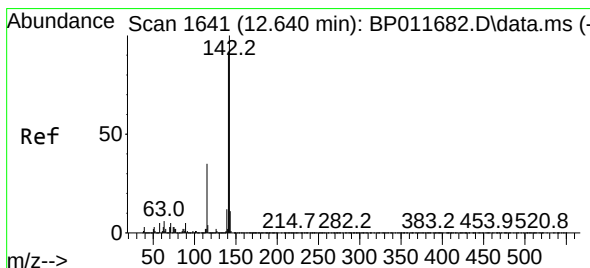
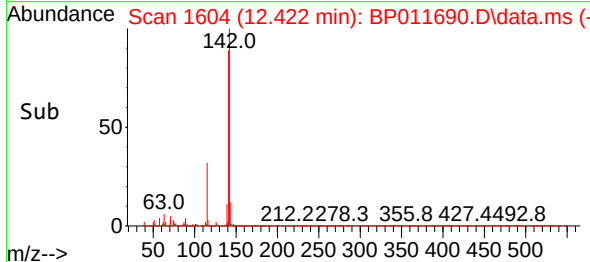
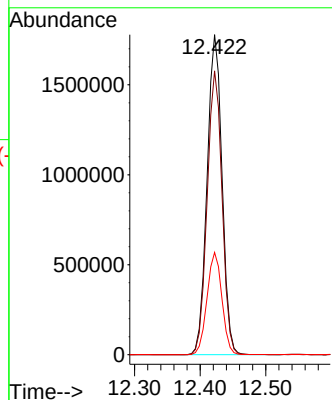
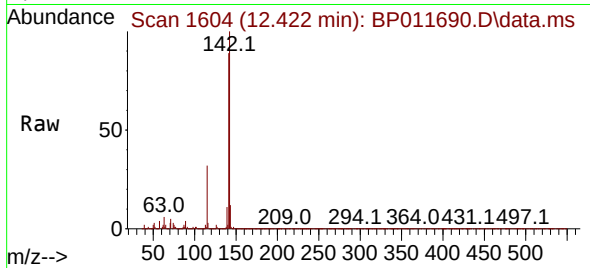




#37
2-Methylnaphthalene
Concen: 47.165 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

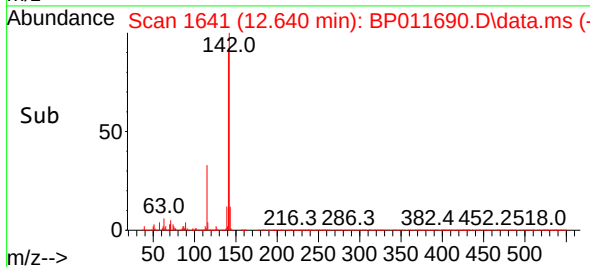
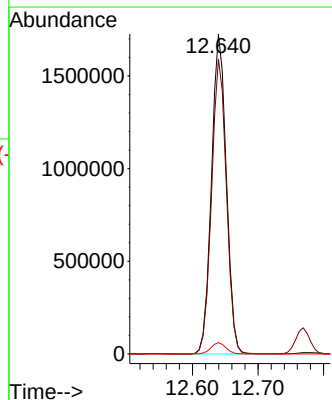
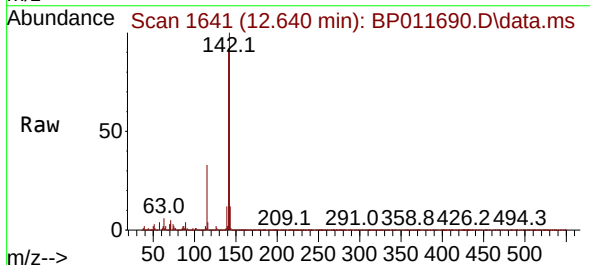
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

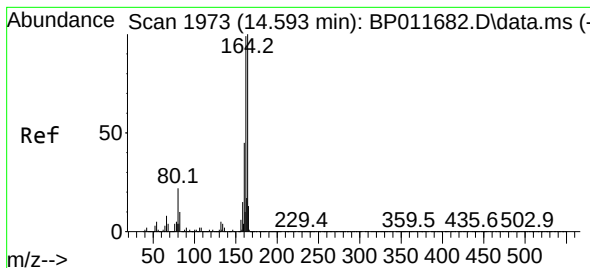
Tgt Ion:142 Resp: 2817087
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9
115 32.0 31.4 47.2



#38
1-Methylnaphthalene
Concen: 46.428 ng
RT: 12.640 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:142 Resp: 2711320
Ion Ratio Lower Upper
142 100
141 92.2 72.6 108.8
116 3.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1973

Delta R.T. -0.001 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

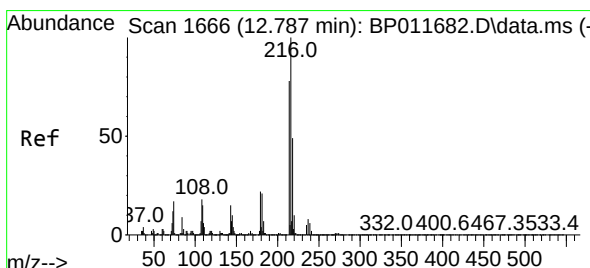
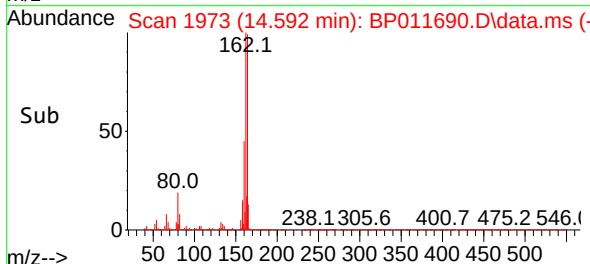
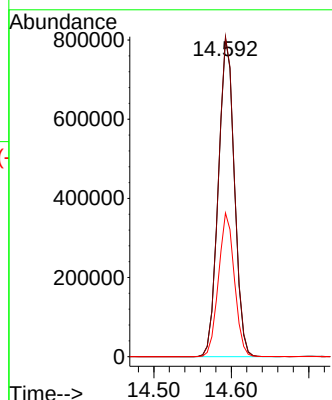
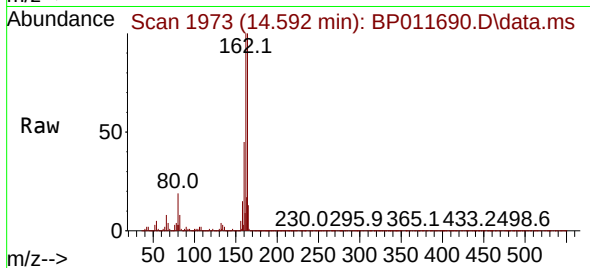
Tgt Ion:164 Resp: 1159630

Ion Ratio Lower Upper

164 100

162 100.5 81.9 122.9

160 45.1 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.848 ng

RT: 12.787 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Tgt Ion:216 Resp: 1474425

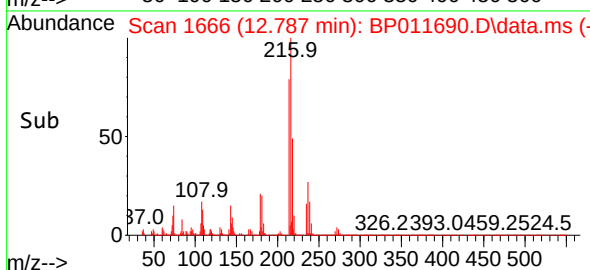
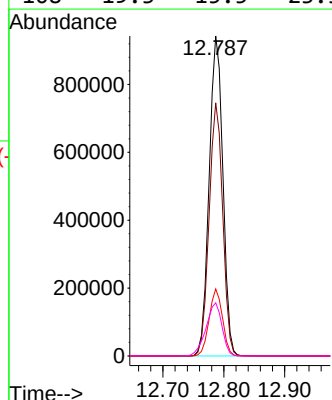
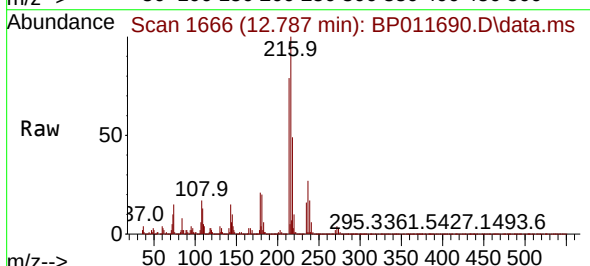
Ion Ratio Lower Upper

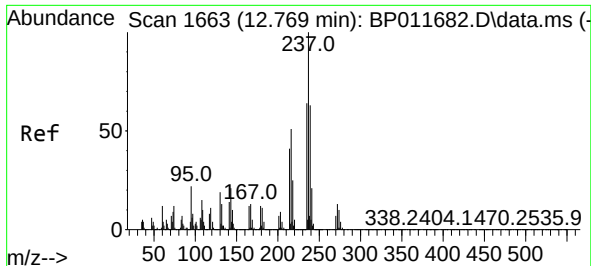
216 100

214 78.4 61.9 92.9

179 20.4 17.0 25.6

108 19.3 15.5 23.3

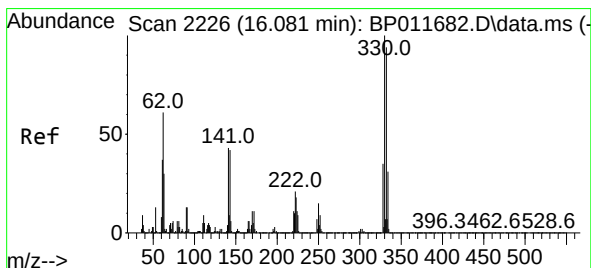
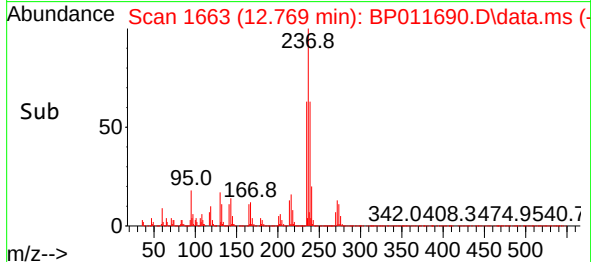
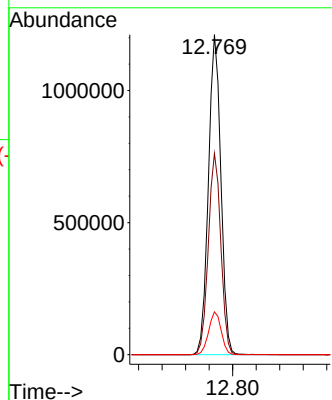
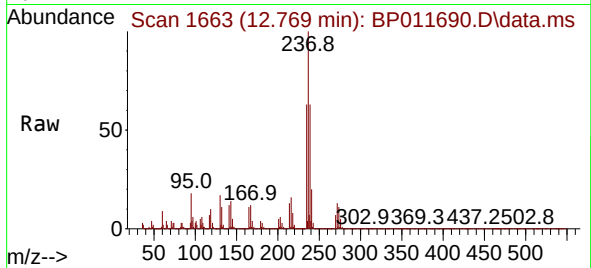




#41
Hexachlorocyclopentadiene
Concen: 117.115 ng
RT: 12.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

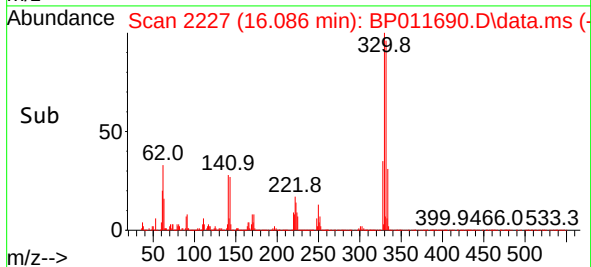
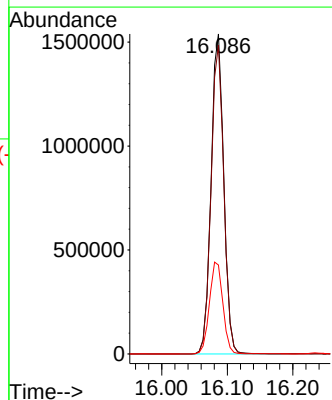
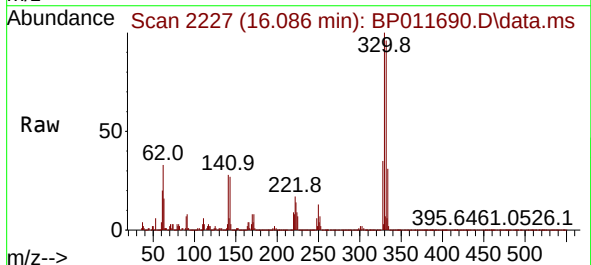
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

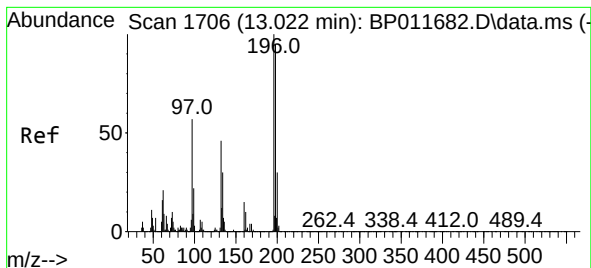
Tgt Ion:237 Resp: 1780771
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 206.374 ng
RT: 16.086 min Scan# 2227
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:330 Resp: 2071397
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 30.5 31.4 47.2#





#43

2,4,6-Trichlorophenol

Concen: 49.608 ng

RT: 13.028 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

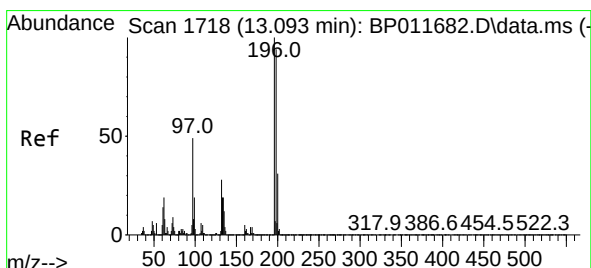
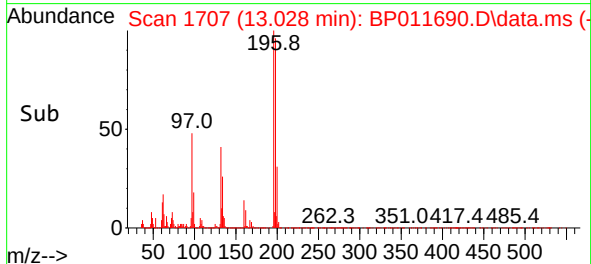
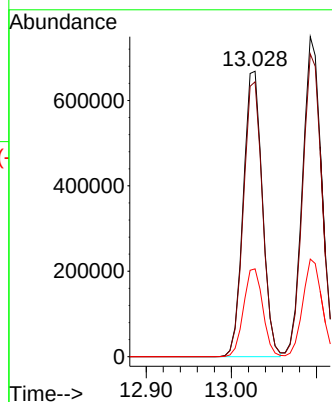
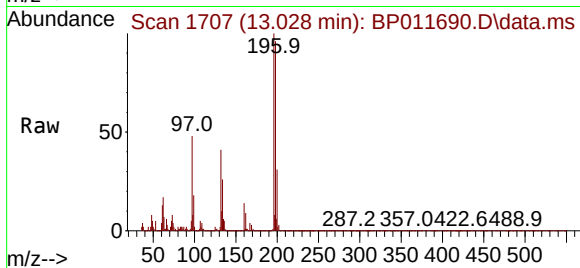
Tgt Ion:196 Resp: 1038669

Ion Ratio Lower Upper

196 100

198 96.3 77.7 116.5

200 30.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 49.995 ng

RT: 13.093 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Tgt Ion:196 Resp: 1175796

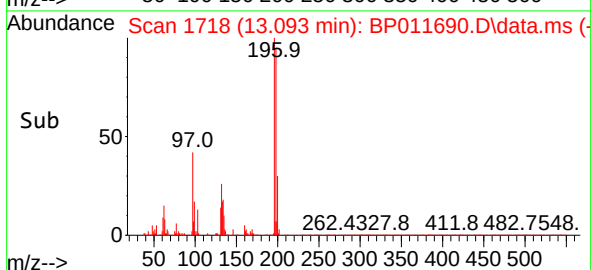
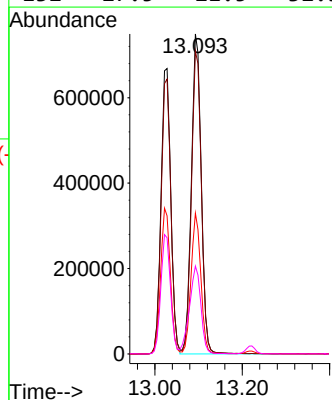
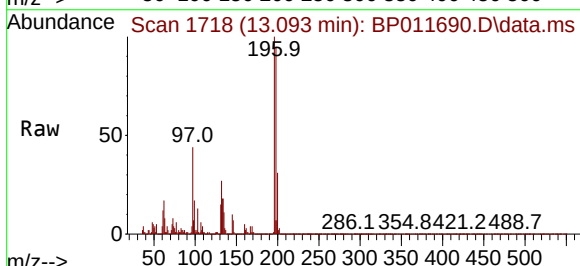
Ion Ratio Lower Upper

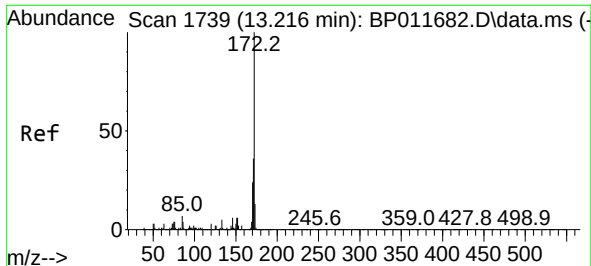
196 100

198 94.6 75.7 113.5

97 44.0 42.4 63.6

132 27.5 21.5 32.3

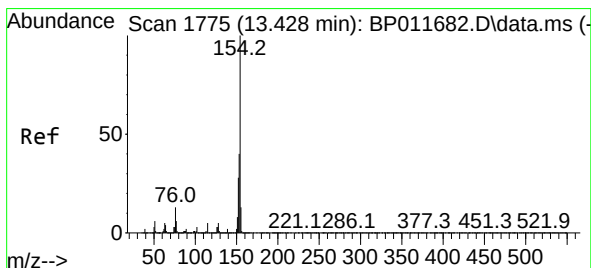
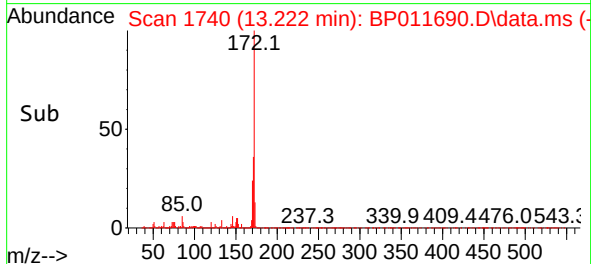
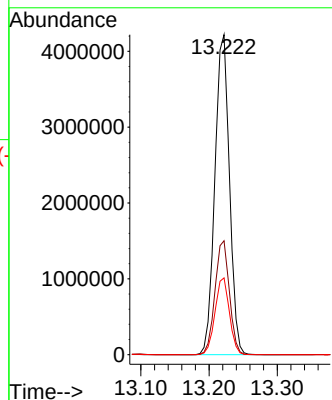
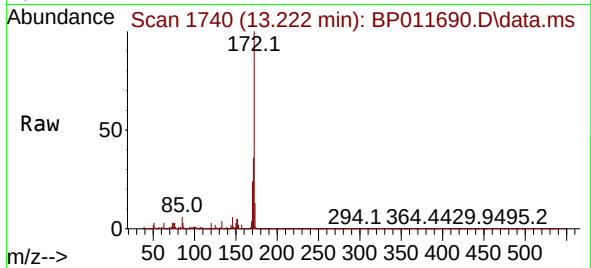




#45
2-Fluorobiphenyl
Concen: 83.831 ng
RT: 13.222 min Scan# 1740
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

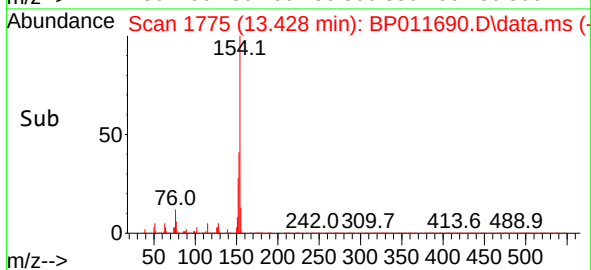
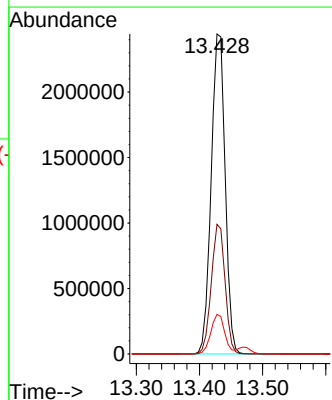
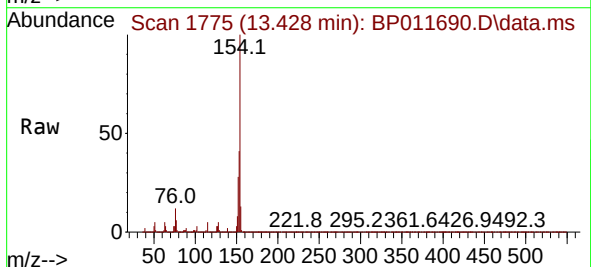
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BNA_P
ClientSampleId :
PB147586BSD

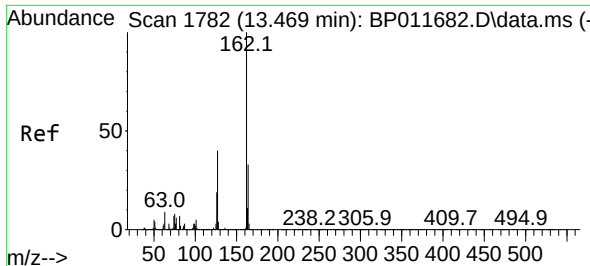
Tgt Ion:172 Resp: 6276234
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.0 18.2 27.2



#46
1,1'-Biphenyl
Concen: 44.670 ng
RT: 13.428 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:154 Resp: 3747833
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.3 0.0 33.2

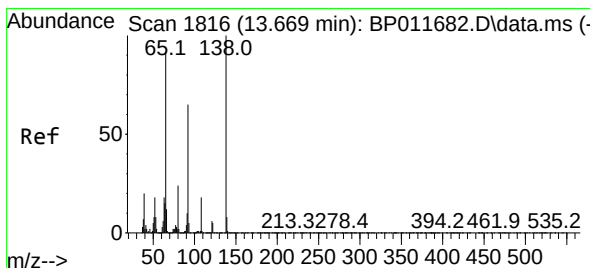
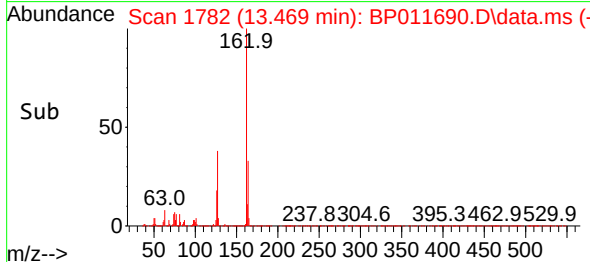
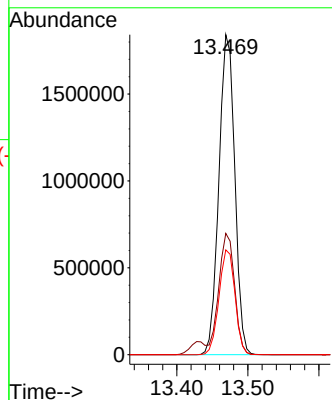
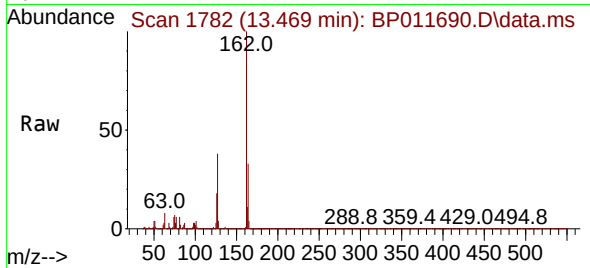




#47
2-Chloronaphthalene
Concen: 43.165 ng
RT: 13.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

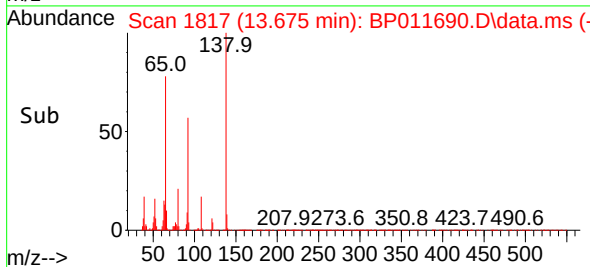
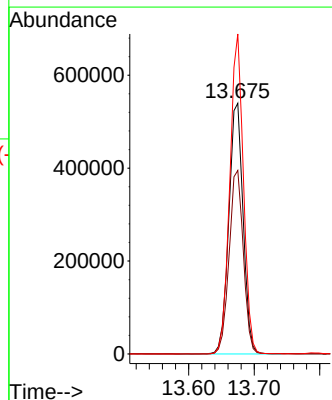
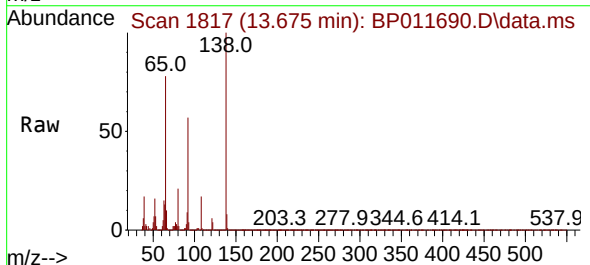
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

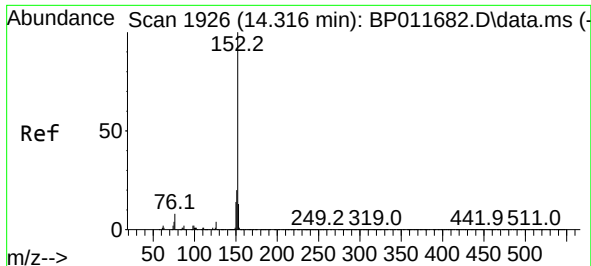
Tgt Ion:162 Resp: 2848566
Ion Ratio Lower Upper
162 100
127 37.9 32.4 48.6
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 41.771 ng
RT: 13.675 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion: 65 Resp: 815756
Ion Ratio Lower Upper
65 100
92 73.2 50.0 75.0
138 127.6 71.2 106.8#

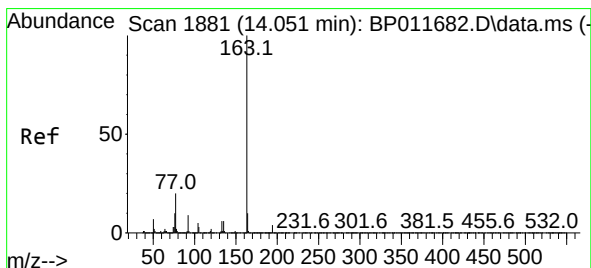
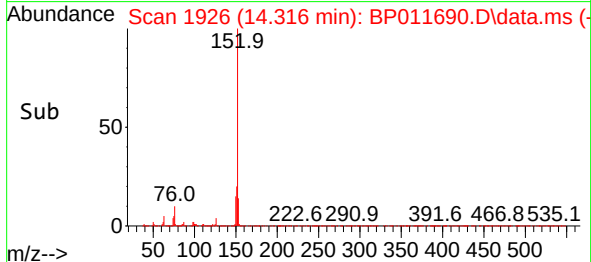
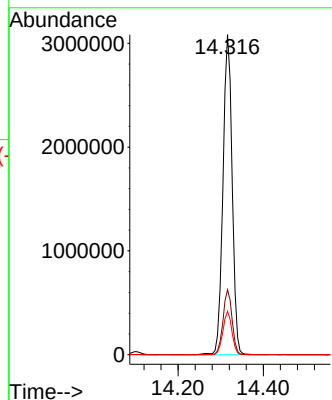
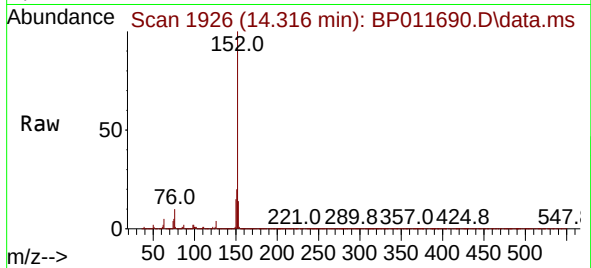




#49
Acenaphthylene
Concen: 45.319 ng
RT: 14.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

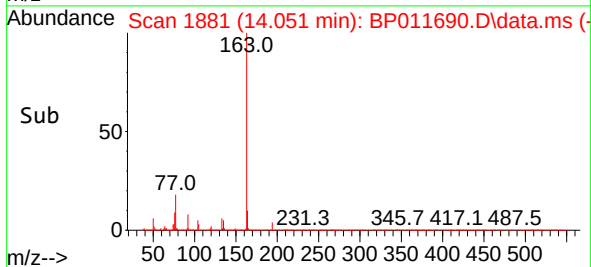
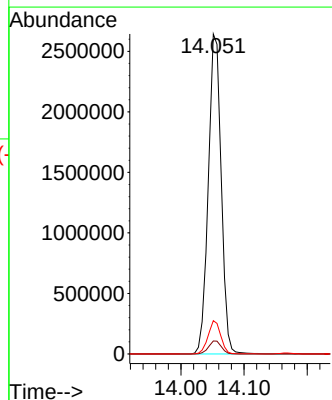
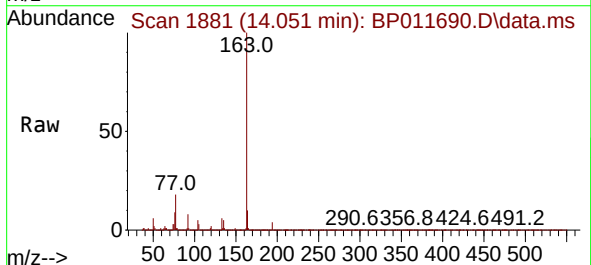
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

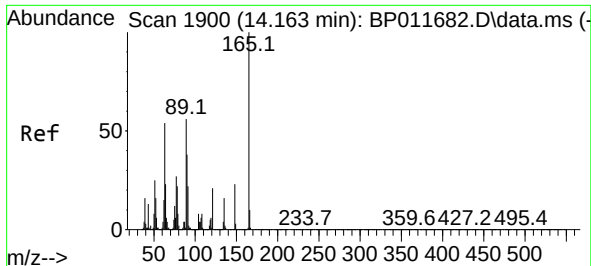
Tgt Ion:152 Resp: 4607949
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 46.618 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:163 Resp: 3754587
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.2 12.4

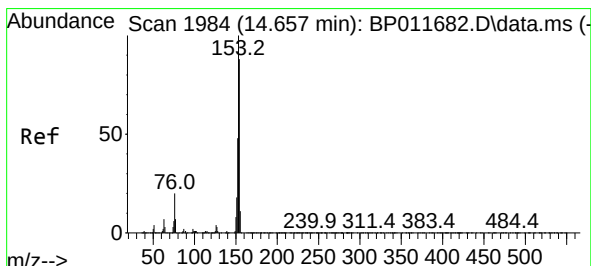
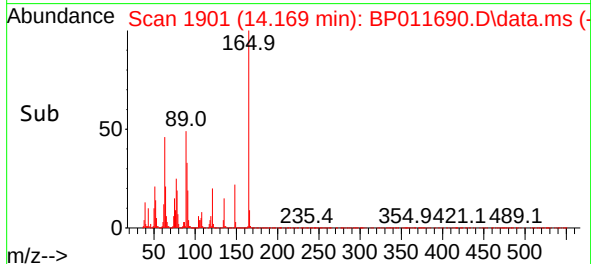
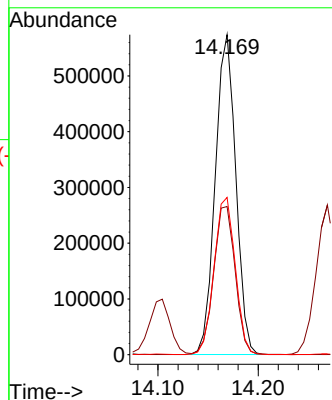
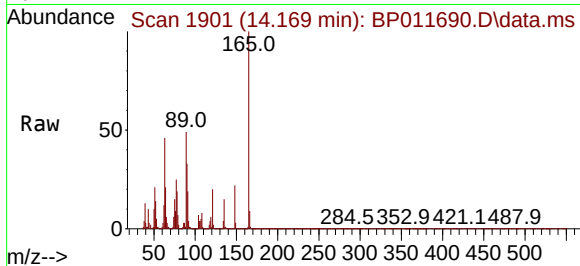




#51
2,6-Dinitrotoluene
Concen: 50.215 ng
RT: 14.169 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

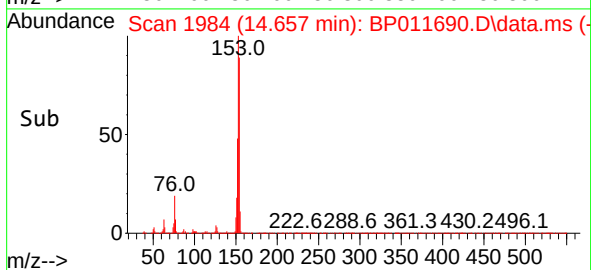
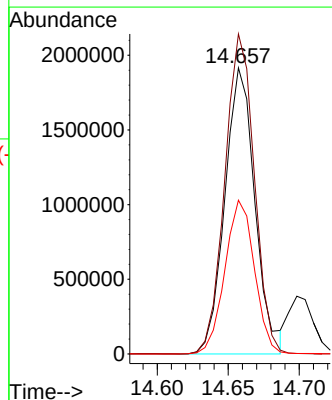
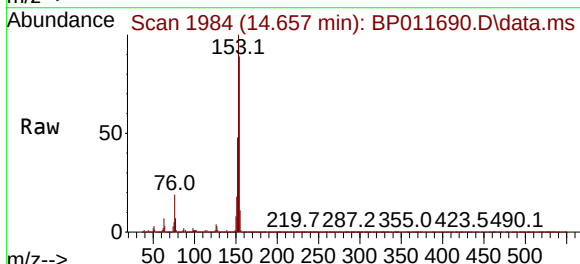
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

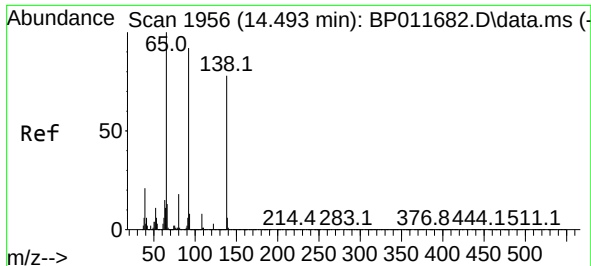
Tgt Ion:165 Resp: 815200
Ion Ratio Lower Upper
165 100
63 46.3 57.3 85.9#
89 49.1 50.2 75.2#



#52
Acenaphthene
Concen: 41.596 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:154 Resp: 2827698
Ion Ratio Lower Upper
154 100
153 111.8 87.4 131.2
152 53.7 41.7 62.5

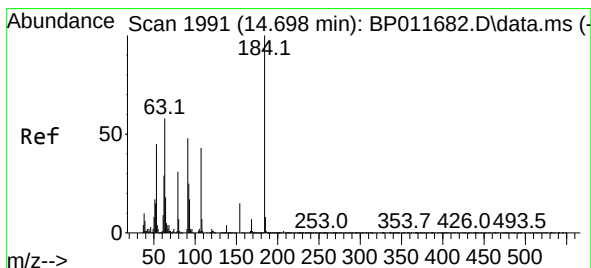
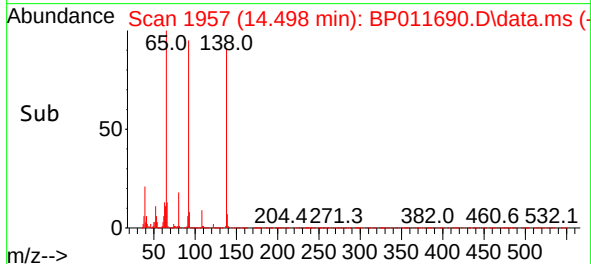
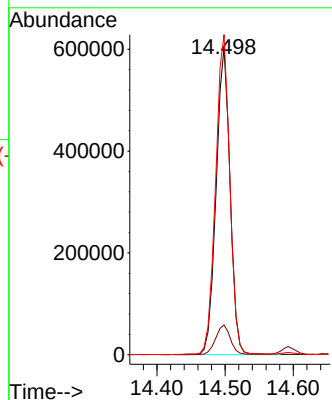
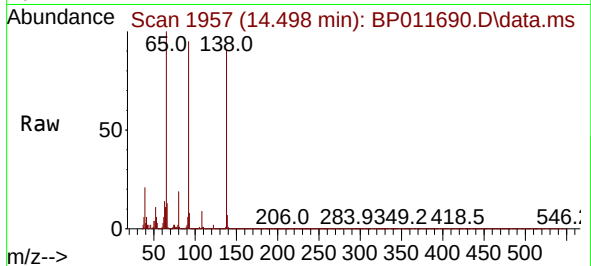




#53
3-Nitroaniline
Concen: 41.547 ng
RT: 14.498 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

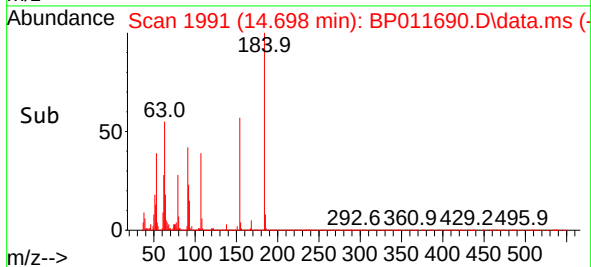
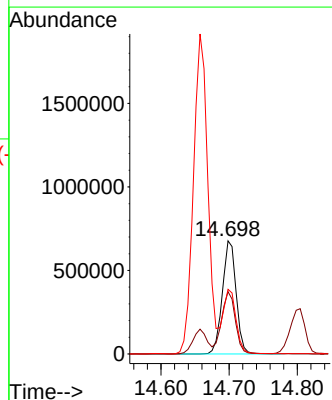
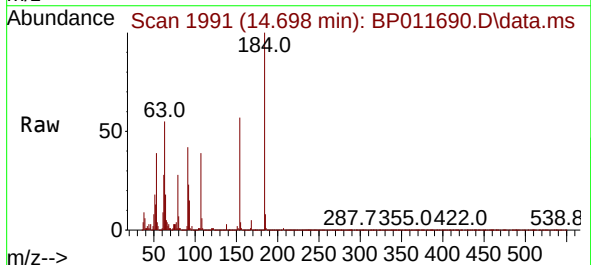
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

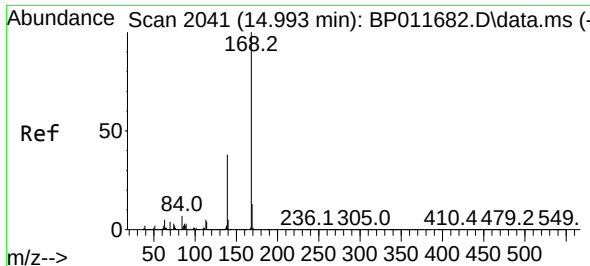
Tgt Ion:138 Resp: 858227
Ion Ratio Lower Upper
138 100
108 9.7 9.5 14.3
92 104.3 99.9 149.9



#54
2,4-Dinitrophenol
Concen: 100.714 ng
RT: 14.698 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:184 Resp: 953155
Ion Ratio Lower Upper
184 100
63 55.0 65.4 98.2#
154 57.1 55.4 83.2

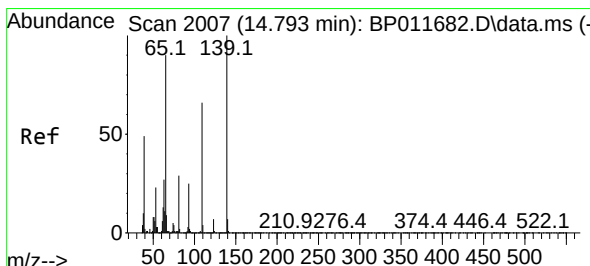
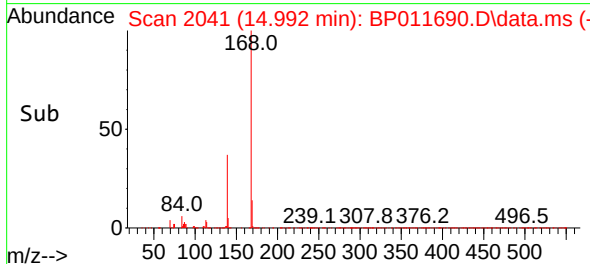
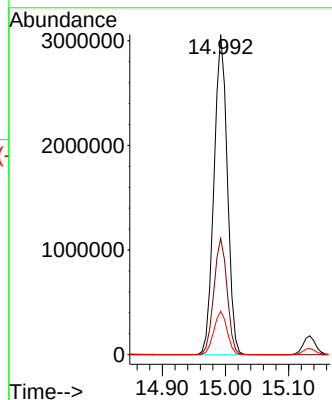
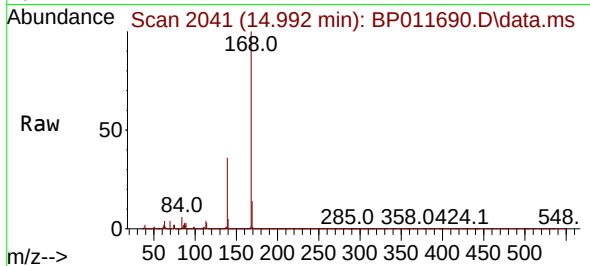




#55
Dibenzenofuran
Concen: 45.005 ng
RT: 14.992 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

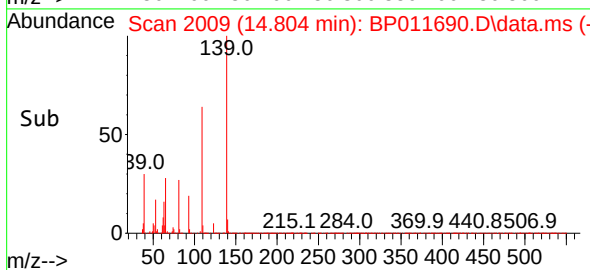
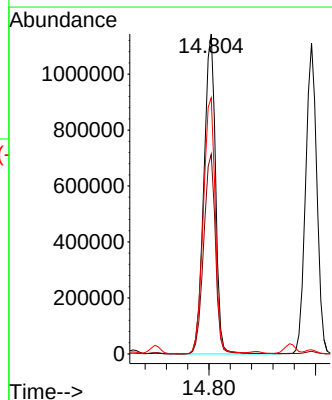
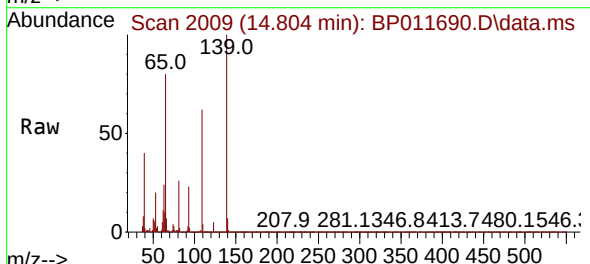
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

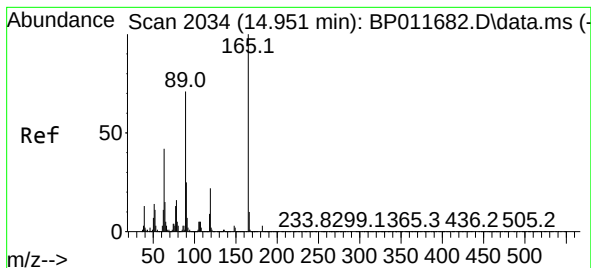
Tgt Ion:168 Resp: 4472228
Ion Ratio Lower Upper
168 100
139 36.3 31.5 47.3
169 13.6 10.3 15.5



#56
4-Nitrophenol
Concen: 107.538 ng
RT: 14.804 min Scan# 2009
Delta R.T. 0.011 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:139 Resp: 1735754
Ion Ratio Lower Upper
139 100
109 62.4 70.6 110.6#
65 80.0 106.6 146.6#

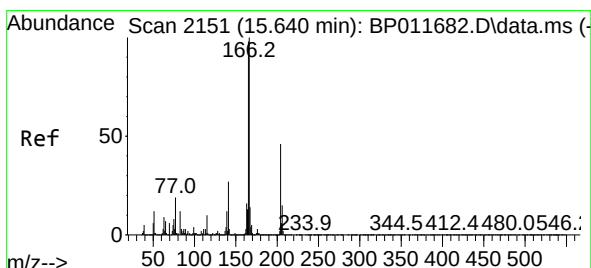
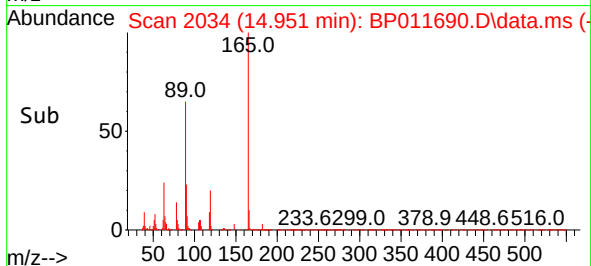
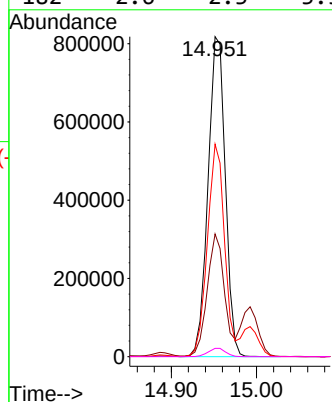
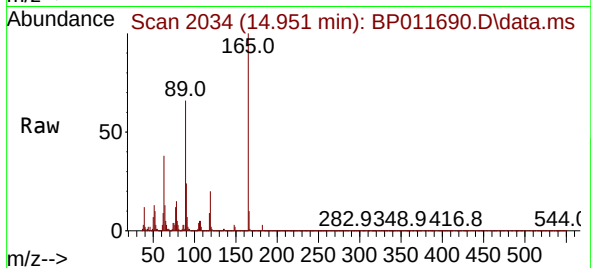




#57
2,4-Dinitrotoluene
Concen: 48.821 ng
RT: 14.951 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

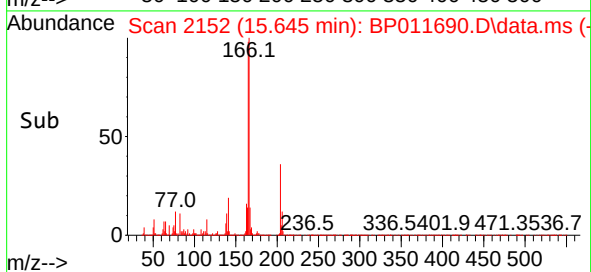
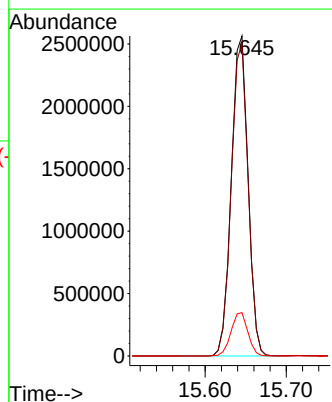
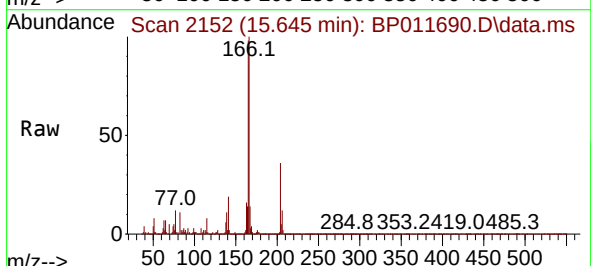
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

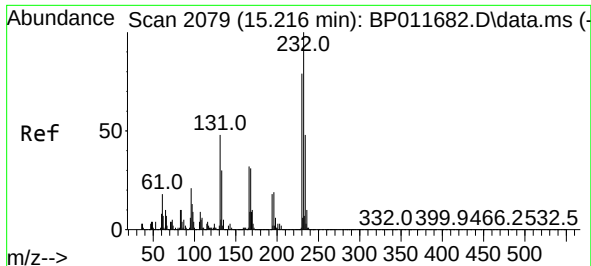
Tgt Ion:165 Resp: 1153390
Ion Ratio Lower Upper
165 100
63 38.3 46.2 69.2#
89 66.4 65.8 98.8
182 2.6 2.3 3.5



#58
Fluorene
Concen: 45.684 ng
RT: 15.645 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:166 Resp: 3672590
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.4
167 13.5 10.9 16.3

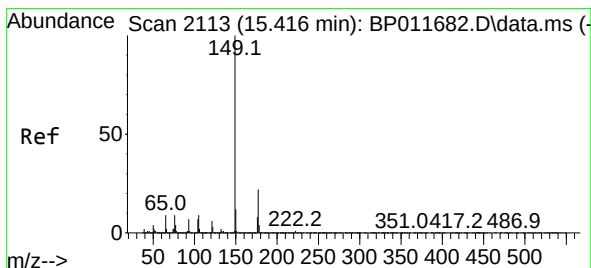
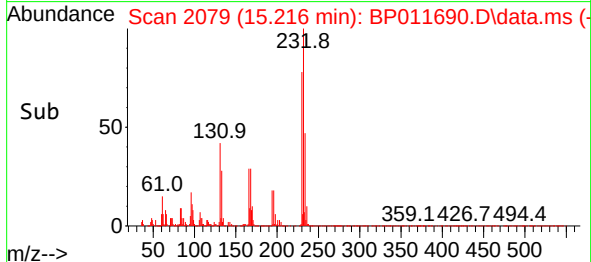
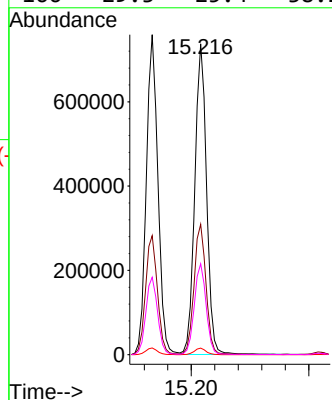
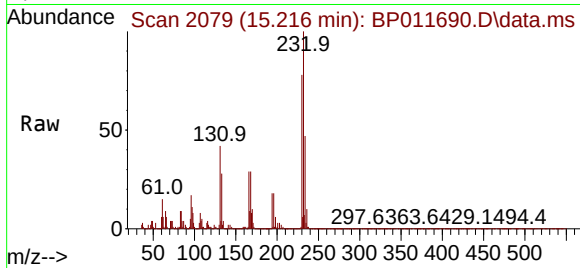




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.898 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

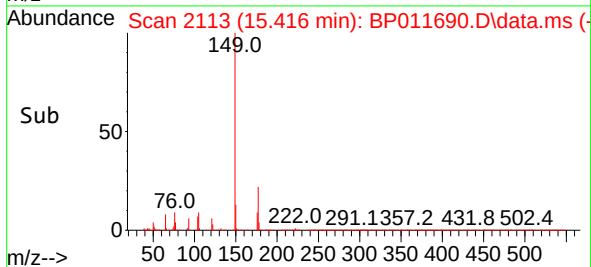
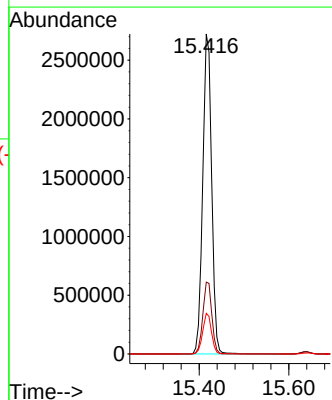
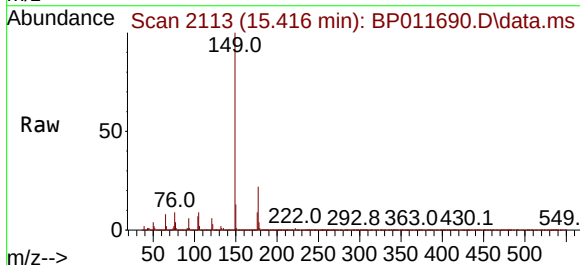
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

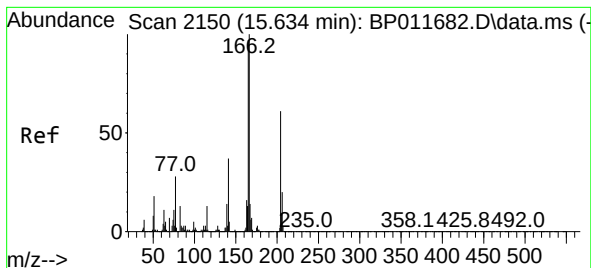
Tgt Ion:232 Resp: 1027798
Ion Ratio Lower Upper
232 100
131 42.6 37.0 55.6
130 2.1 2.2 3.2#
166 29.3 25.4 38.2



#60
Diethylphthalate
Concen: 47.511 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:149 Resp: 3748192
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.7 9.9 14.9

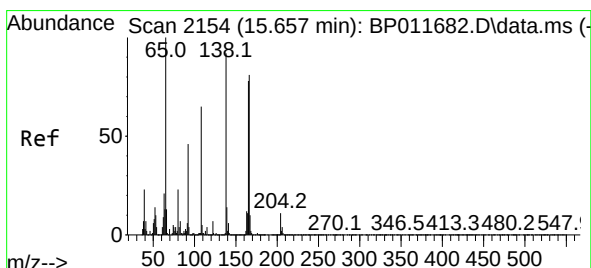
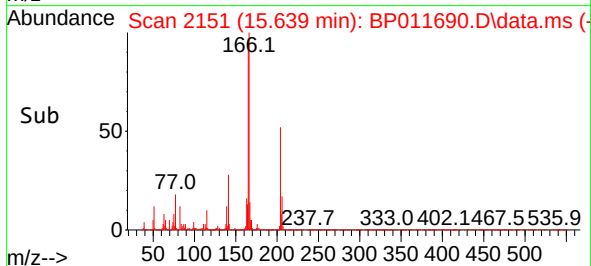
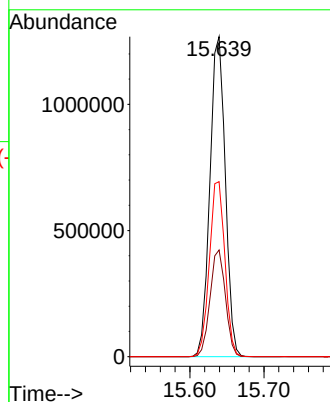
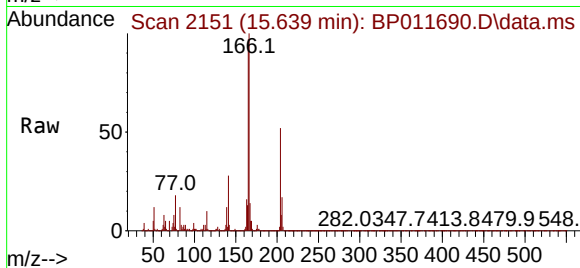




#61
4-Chlorophenyl-phenylether
Concen: 48.753 ng
RT: 15.639 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

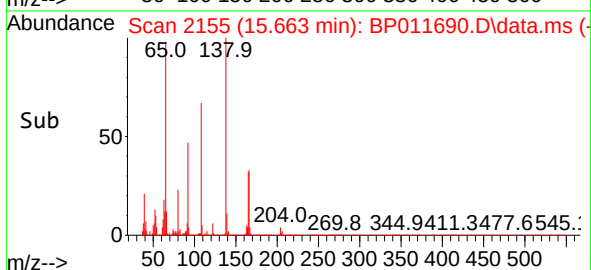
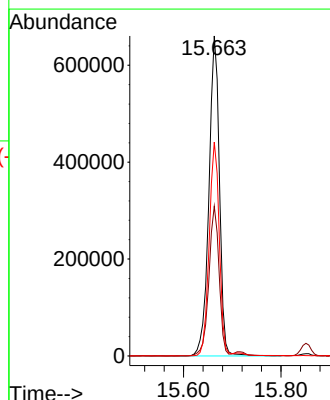
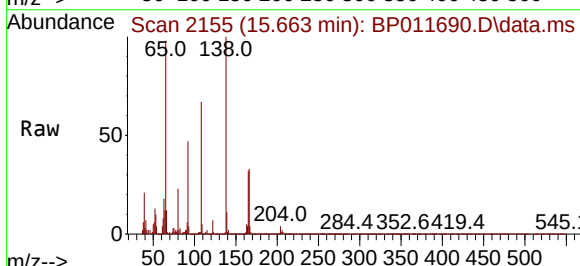
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

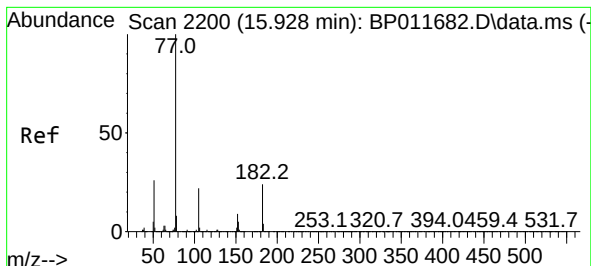
Tgt Ion:204 Resp: 1828585
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 54.7 51.1 76.7



#62
4-Nitroaniline
Concen: 45.604 ng
RT: 15.663 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:138 Resp: 988029
Ion Ratio Lower Upper
138 100
92 46.8 38.0 78.0
108 66.9 77.6 117.6#





#63

Azobenzene

Concen: 44.300 ng

RT: 15.934 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

Tgt Ion: 77 Resp: 3197165

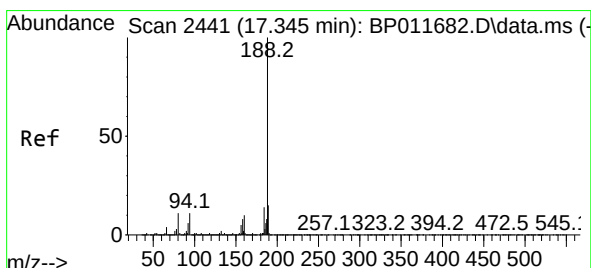
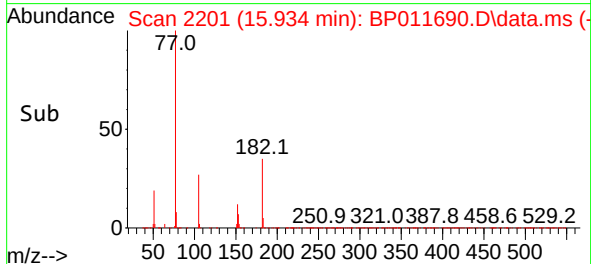
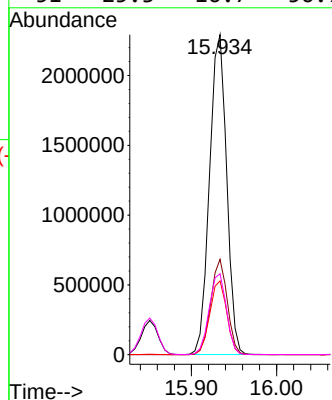
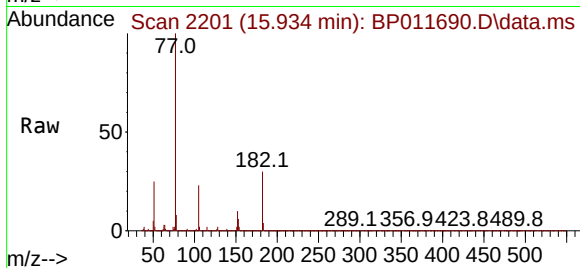
Ion Ratio Lower Upper

77 100

182 29.8 3.0 43.0

105 23.0 0.0 38.6

51 25.3 16.7 56.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2442

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

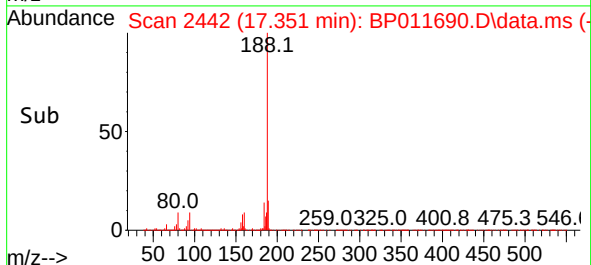
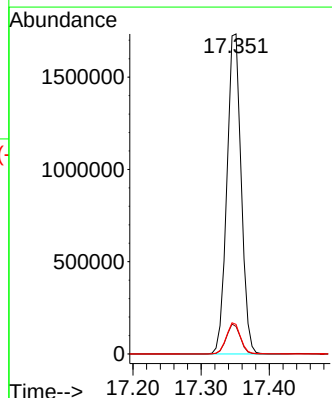
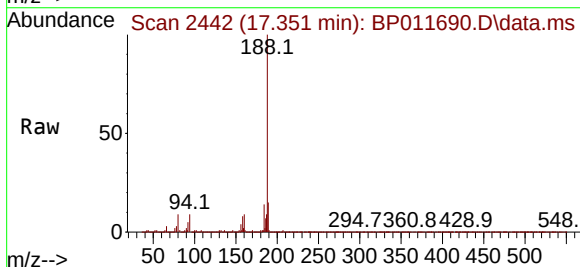
Tgt Ion:188 Resp: 2521239

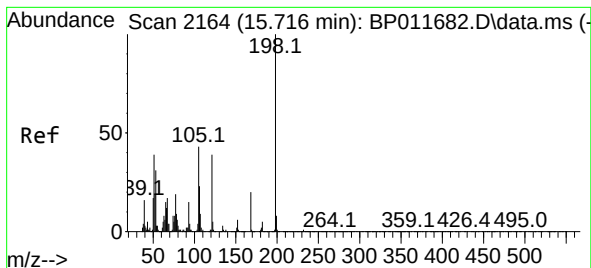
Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.3 8.0 12.0

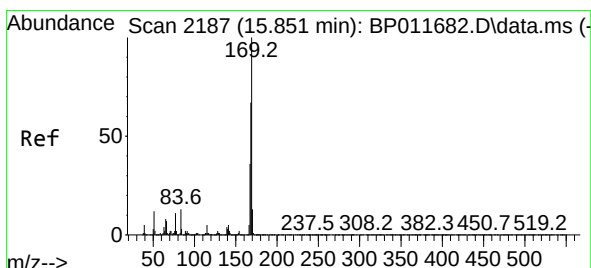
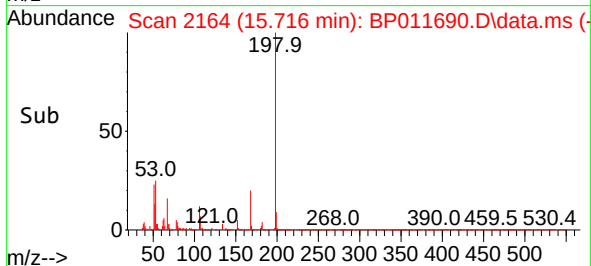
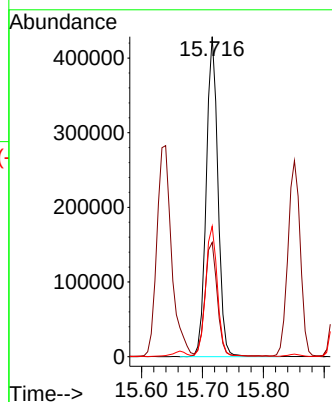
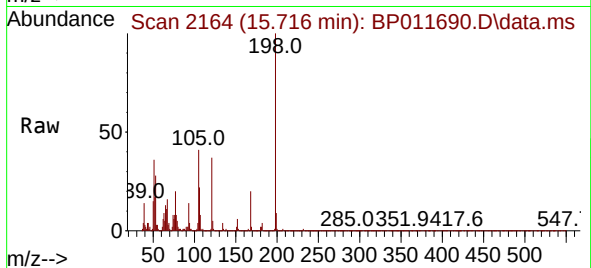




#65
4,6-Dinitro-2-methylphenol
Concen: 43.021 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

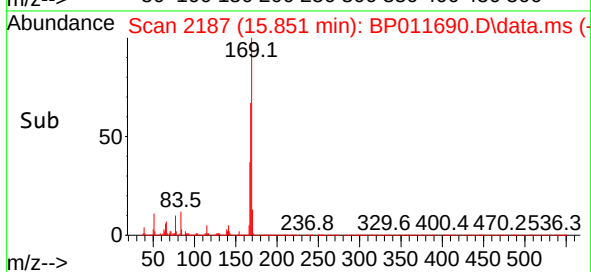
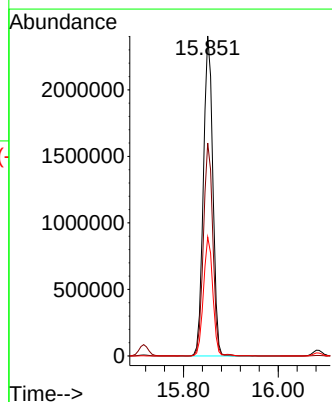
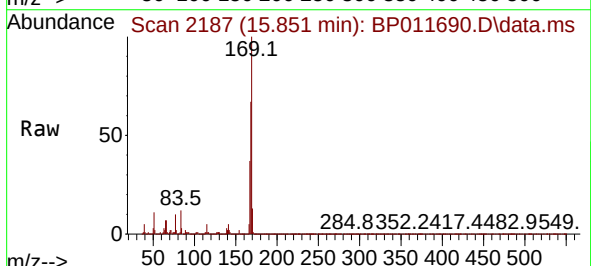
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

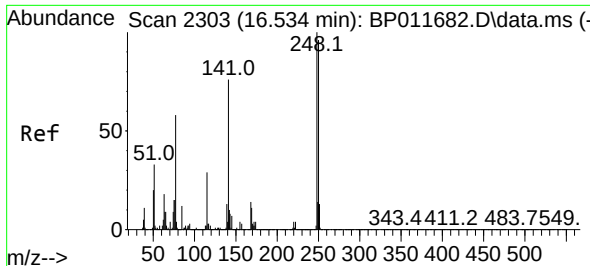
Tgt Ion:198 Resp: 571012
Ion Ratio Lower Upper
198 100
51 35.7 41.2 81.2#
105 40.7 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 44.783 ng
RT: 15.851 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:169 Resp: 3299806
Ion Ratio Lower Upper
169 100
168 66.6 51.8 77.8
167 37.2 28.3 42.5

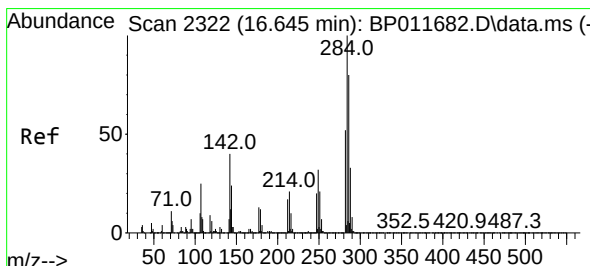
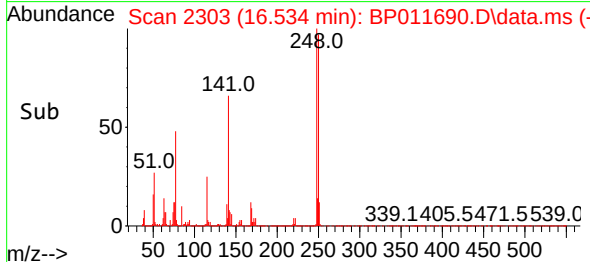
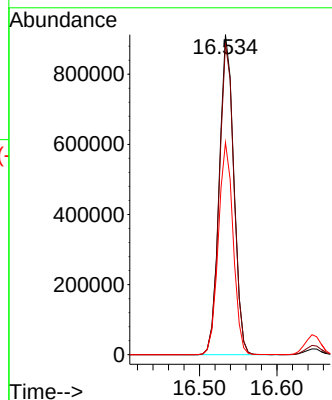
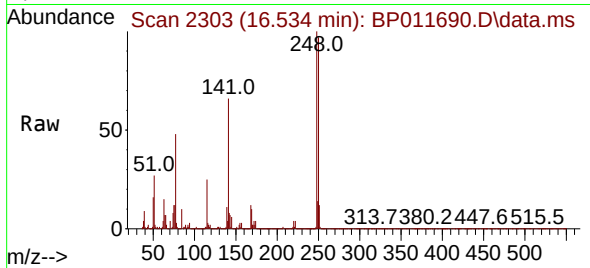




#67
4-Bromophenyl-phenylether
Concen: 49.979 ng
RT: 16.534 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

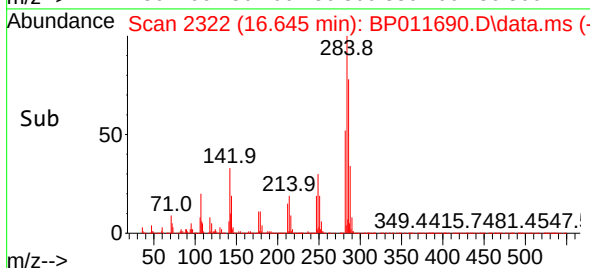
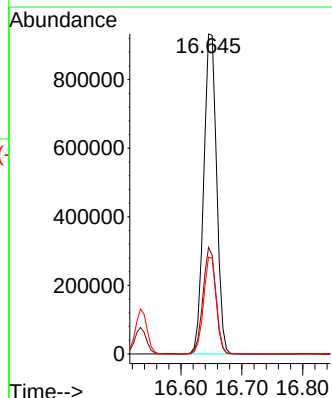
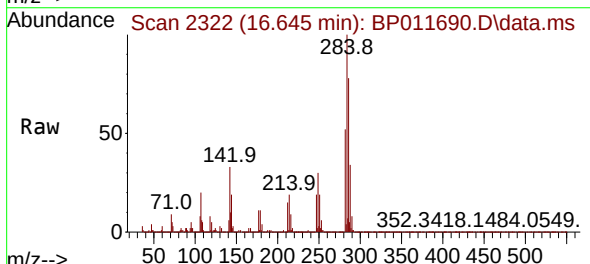
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

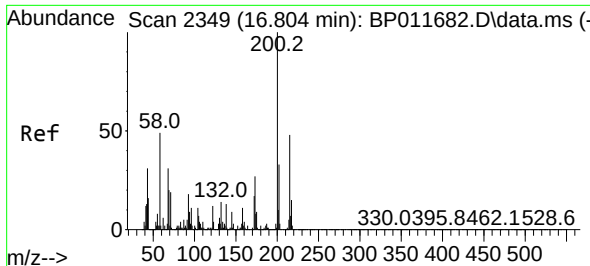
Tgt Ion:248 Resp: 1192376
Ion Ratio Lower Upper
248 100
250 97.3 77.7 116.5
141 66.3 62.0 93.0



#68
Hexachlorobenzene
Concen: 51.212 ng
RT: 16.645 min Scan# 2322
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:284 Resp: 1372876
Ion Ratio Lower Upper
284 100
142 33.3 30.8 46.2
249 30.3 26.8 40.2

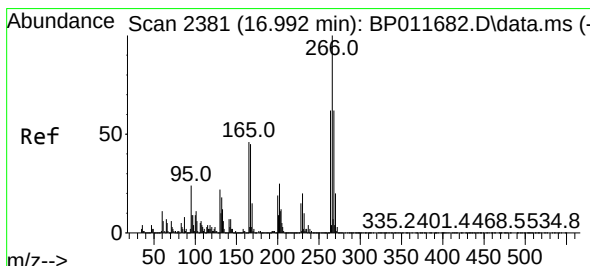
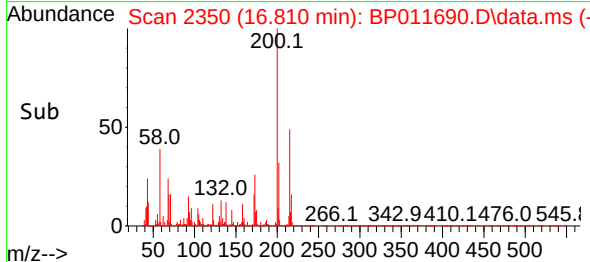
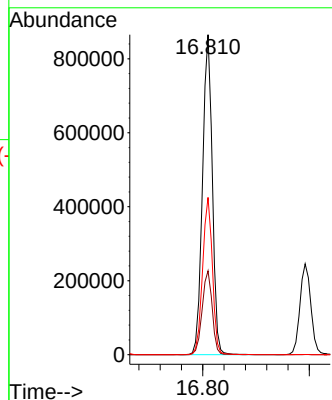
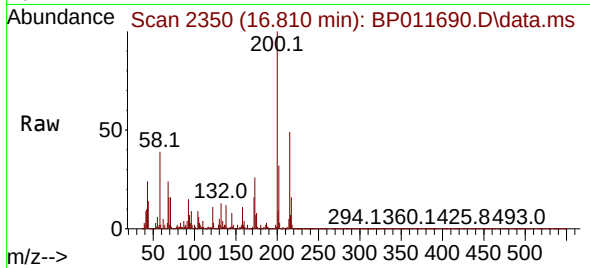




#69
Atrazine
Concen: 48.492 ng
RT: 16.810 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

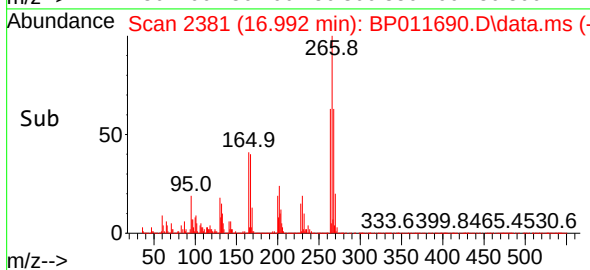
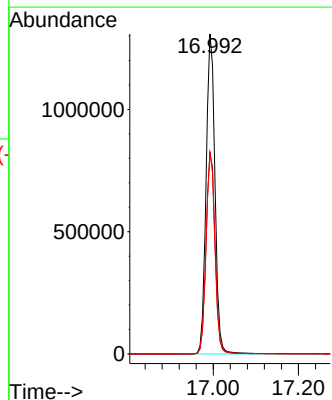
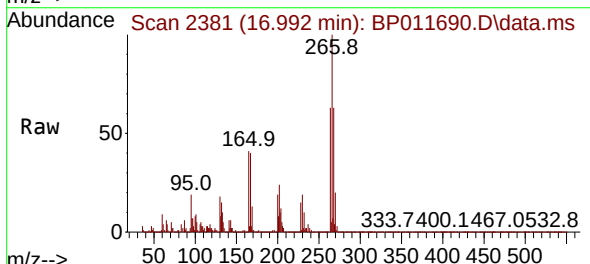
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

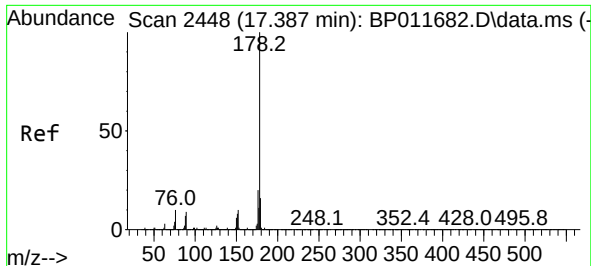
Tgt Ion:200 Resp: 1104038
Ion Ratio Lower Upper
200 100
173 26.2 5.3 45.3
215 49.1 29.4 69.4



#70
Pentachlorophenol
Concen: 119.414 ng
RT: 16.992 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:266 Resp: 1887161
Ion Ratio Lower Upper
266 100
268 62.9 50.5 75.7
264 63.2 50.4 75.6

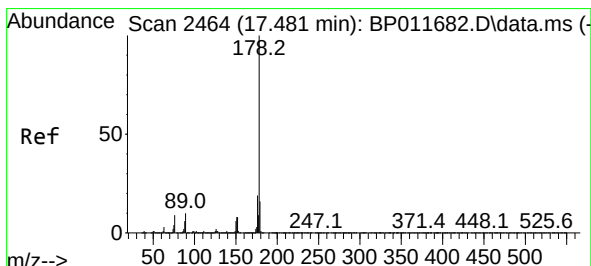
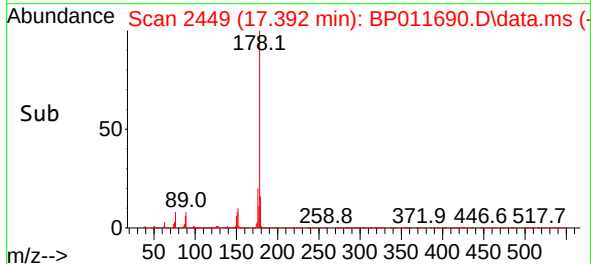
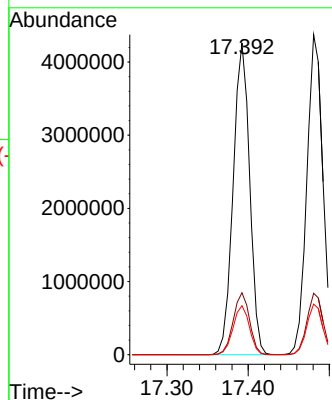
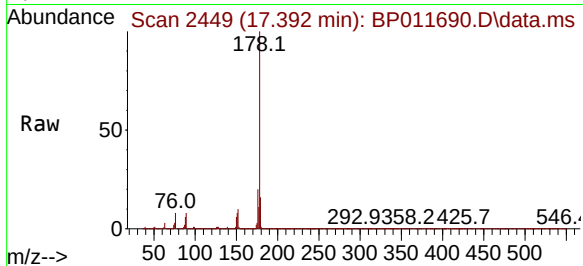




#71
Phenanthrene
Concen: 43.802 ng
RT: 17.392 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

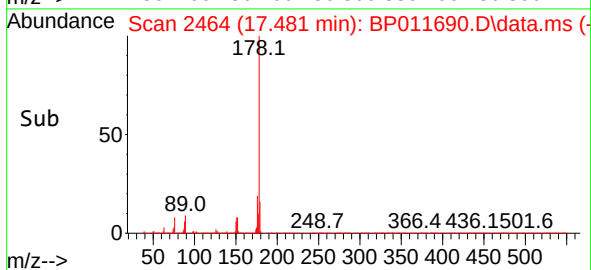
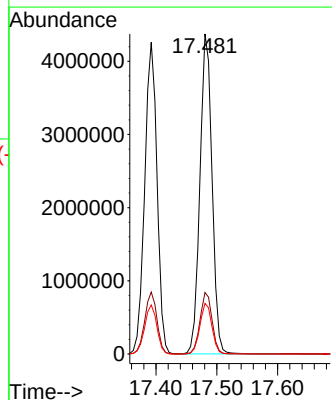
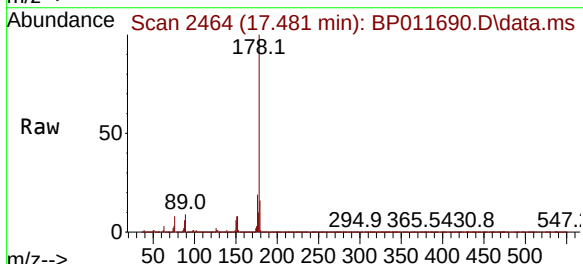
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

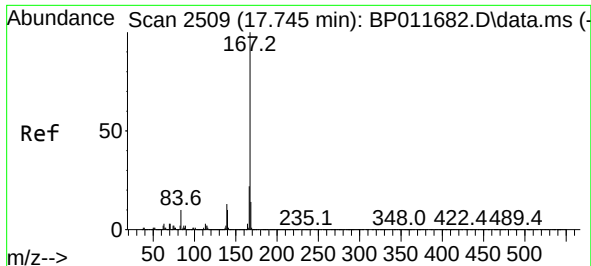
Tgt Ion:178 Resp: 5993303
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 15.7 12.2 18.2



#72
Anthracene
Concen: 46.804 ng
RT: 17.481 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:178 Resp: 6044232
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 15.8 12.2 18.4

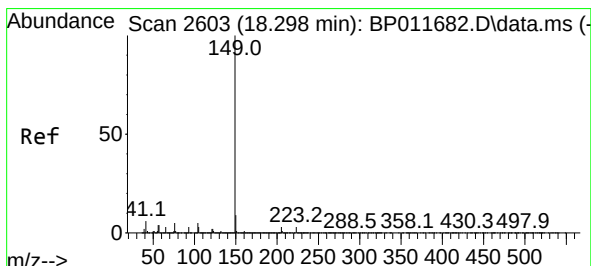
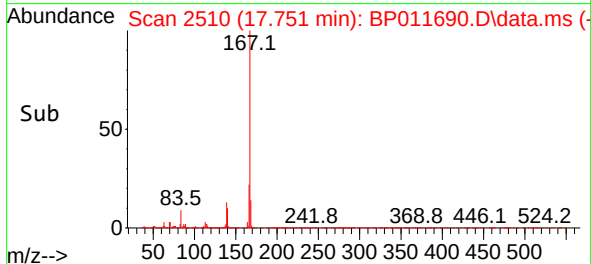
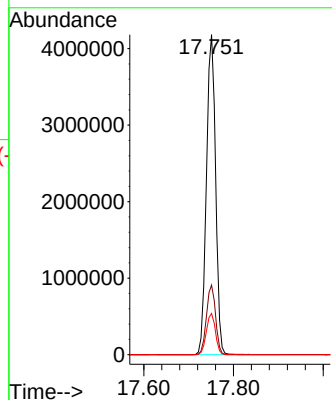
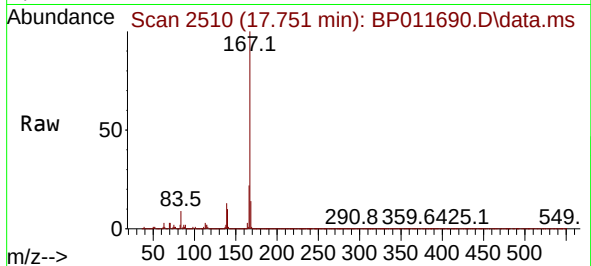




#73
 Carbazole
 Concen: 48.318 ng
 RT: 17.751 min Scan# 2510
 Delta R.T. 0.006 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

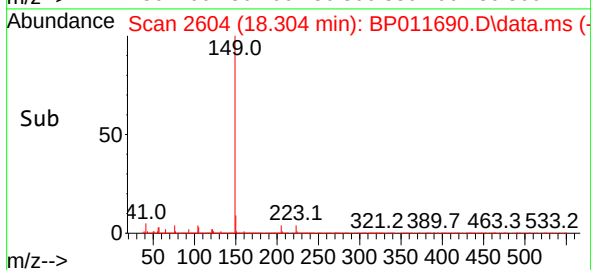
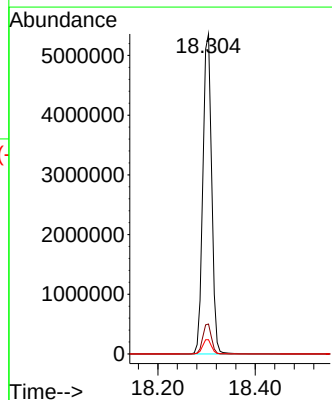
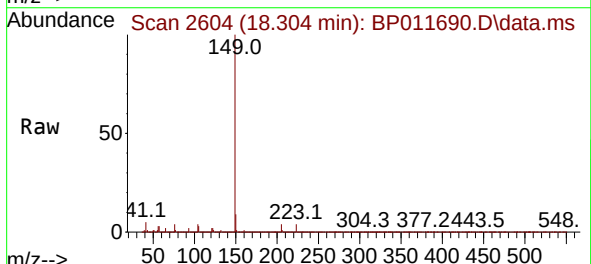
Instrument :
 BNA_P
 ClientSampleId :
 PB147586BSD

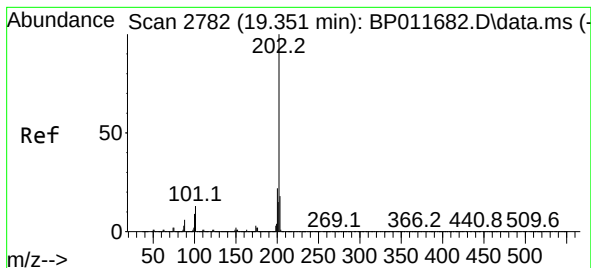
Tgt Ion:167 Resp: 5919538
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.9 25.3
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 49.049 ng
 RT: 18.304 min Scan# 2604
 Delta R.T. 0.006 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

Tgt Ion:149 Resp: 6703820
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.5 4.8 7.2#





#75

Fluoranthene

Concen: 48.454 ng

RT: 19.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

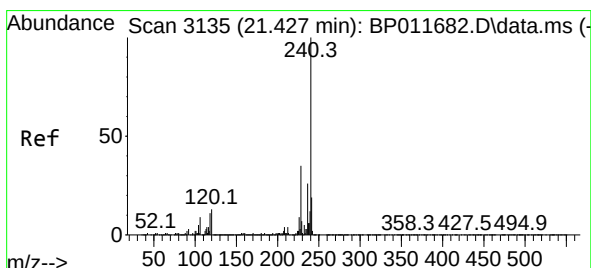
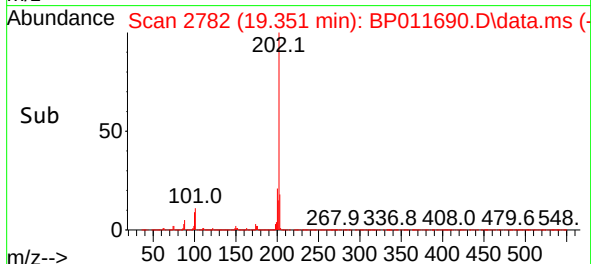
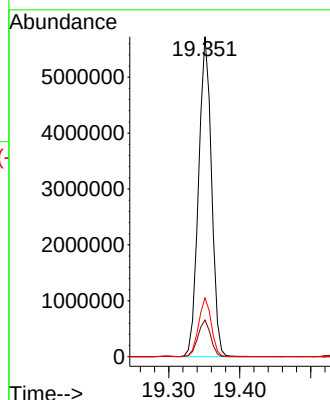
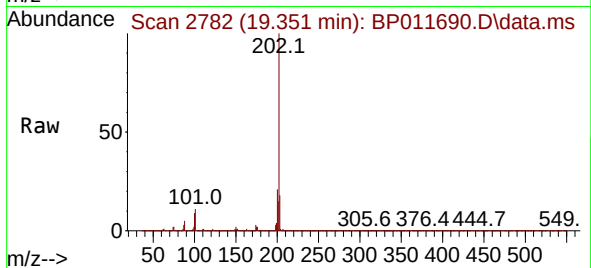
Tgt Ion:202 Resp: 7274062

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.6

203 18.3 0.0 36.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3136

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

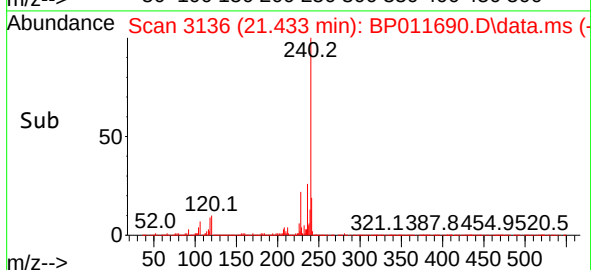
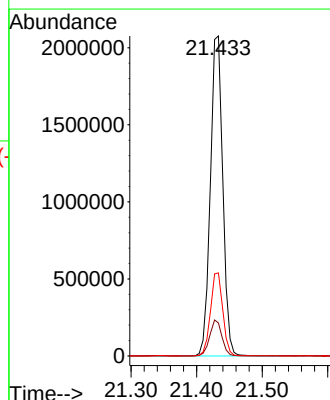
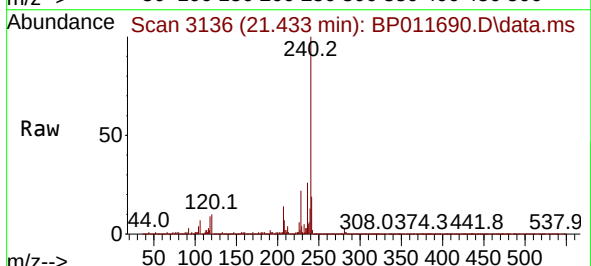
Tgt Ion:240 Resp: 2738569

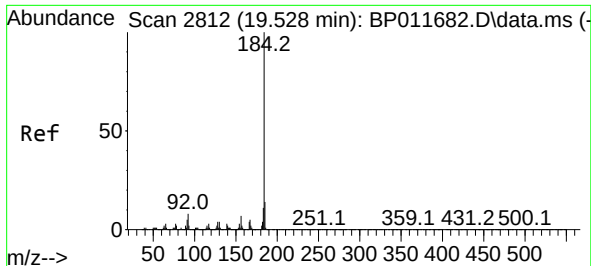
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.0 19.8 29.6

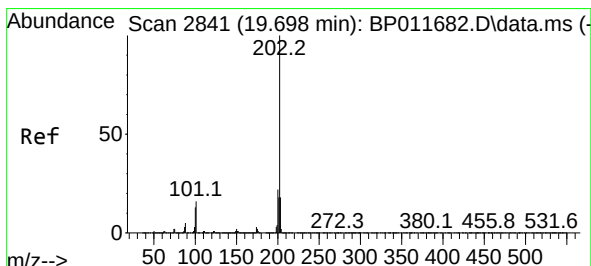
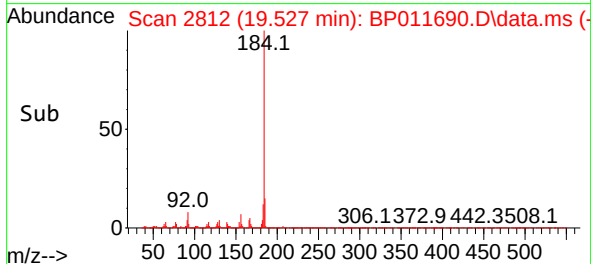
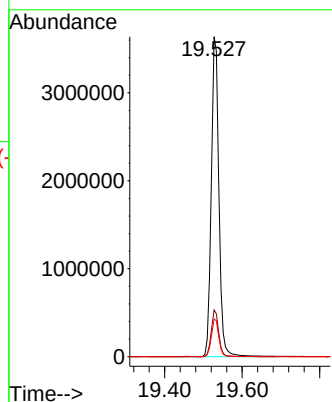
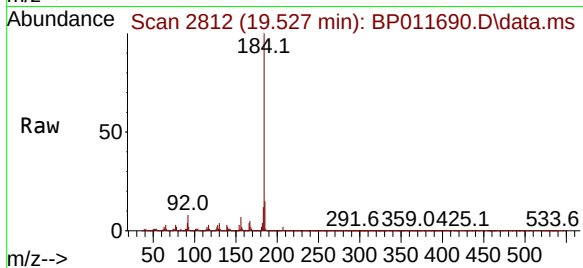




#77
Benzidine
Concen: 77.201 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

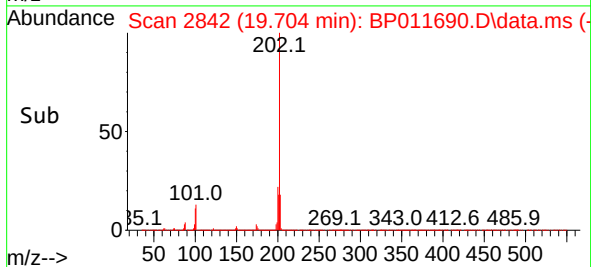
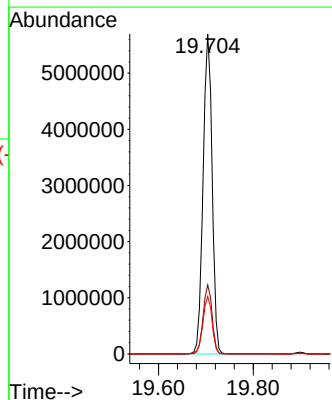
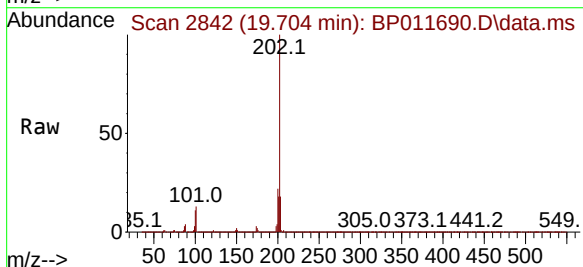
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

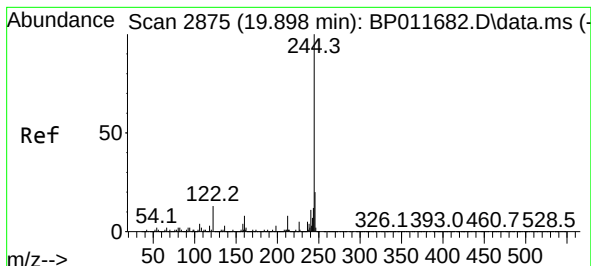
Tgt Ion:184 Resp: 4959728
Ion Ratio Lower Upper
184 100
185 14.6 10.7 16.1
183 11.8 9.0 13.6



#78
Pyrene
Concen: 42.250 ng
RT: 19.704 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:202 Resp: 7516977
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 89.632 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

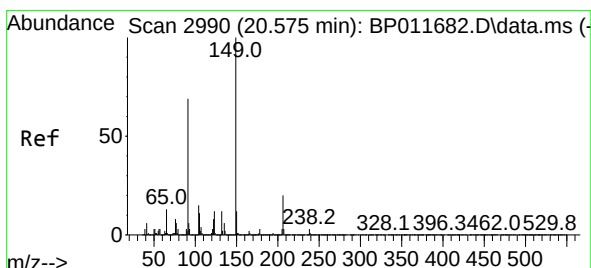
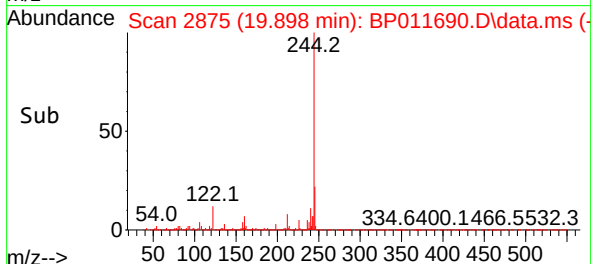
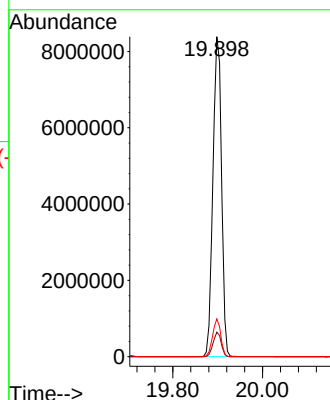
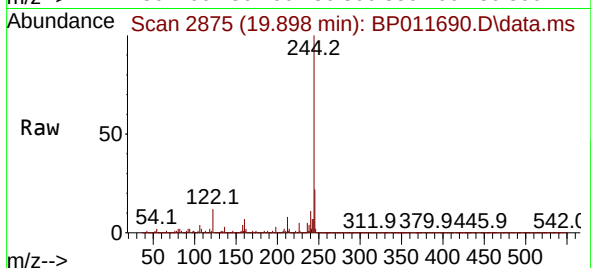
Tgt Ion:244 Resp:11186272

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 11.8 7.6 11.4#



#80

Butylbenzylphthalate

Concen: 40.773 ng

RT: 20.574 min Scan# 2990

Delta R.T. -0.001 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

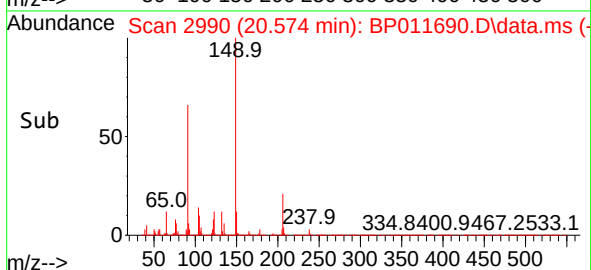
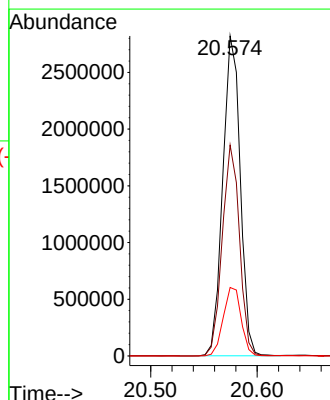
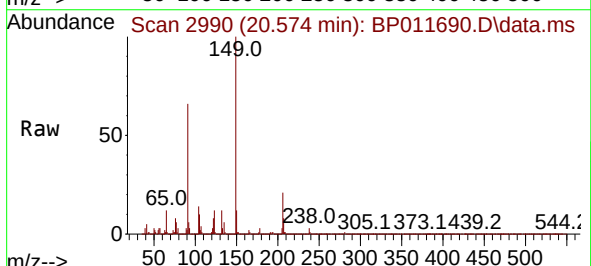
Tgt Ion:149 Resp: 3201446

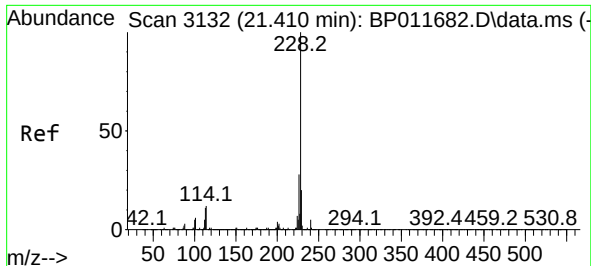
Ion Ratio Lower Upper

149 100

91 65.9 62.5 93.7

206 21.4 17.0 25.4

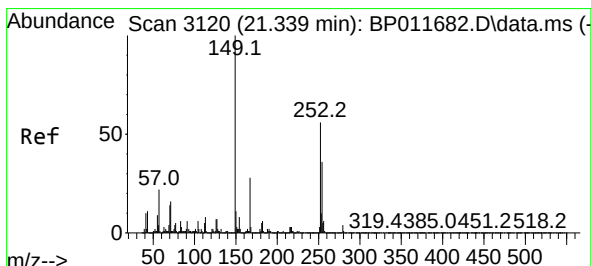
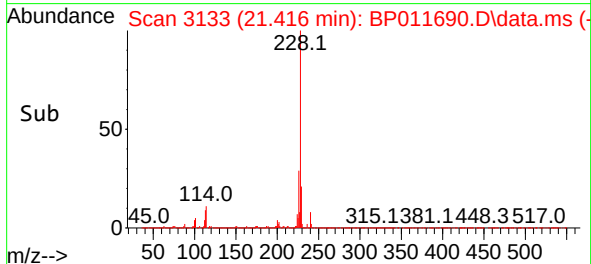
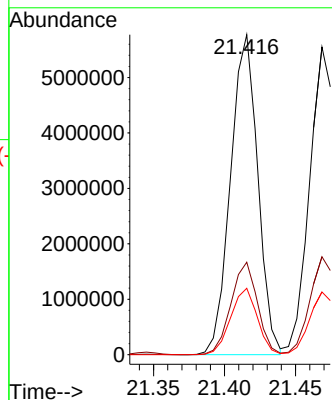
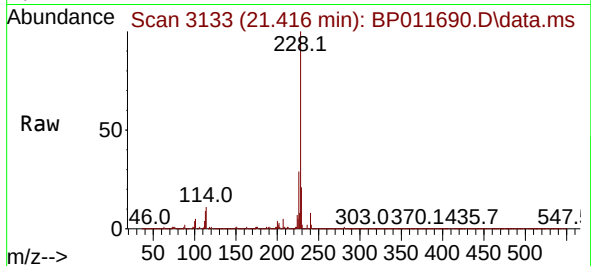




#81
Benzo(a)anthracene
Concen: 44.408 ng
RT: 21.416 min Scan# 3133
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

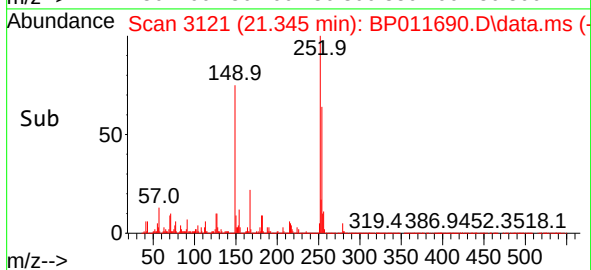
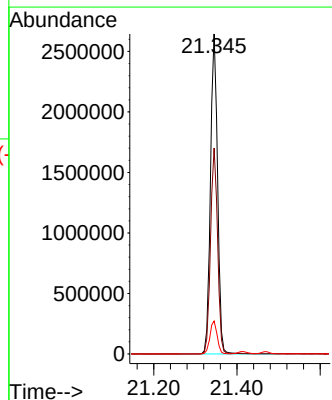
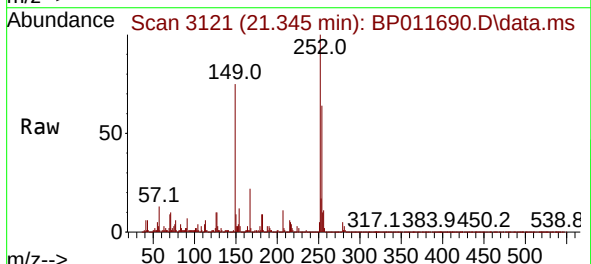
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

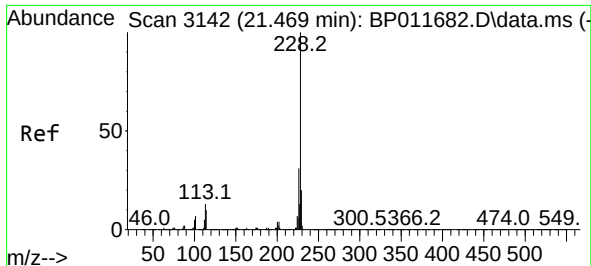
Tgt Ion:228 Resp: 7729235
Ion Ratio Lower Upper
228 100
226 28.9 20.8 31.2
229 20.8 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 57.665 ng
RT: 21.345 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:252 Resp: 3137546
Ion Ratio Lower Upper
252 100
254 64.4 51.1 76.7
126 10.3 8.4 12.6

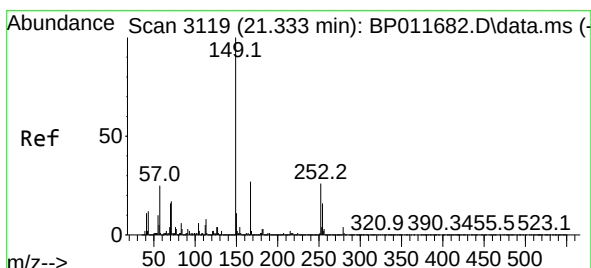
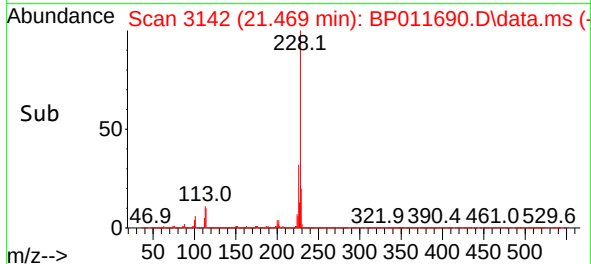
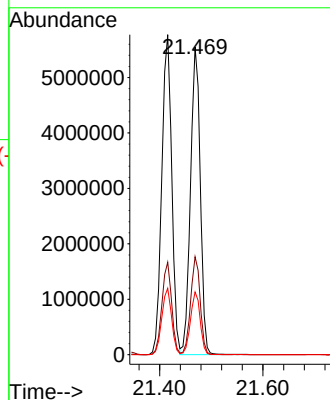
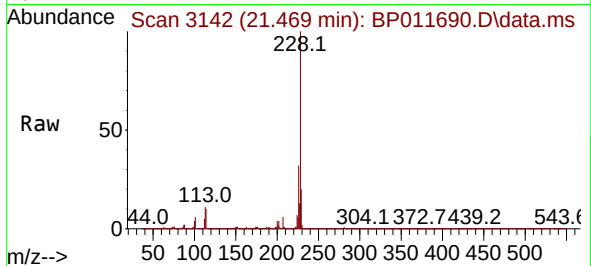




#83
Chrysene
Concen: 43.561 ng
RT: 21.469 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

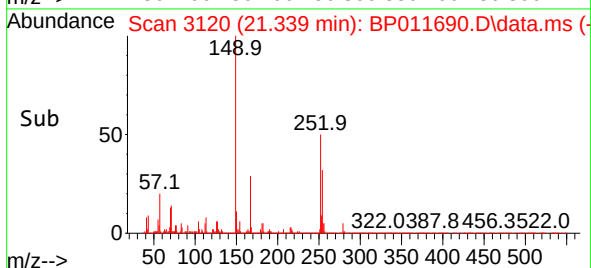
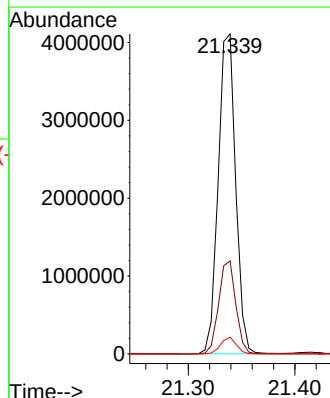
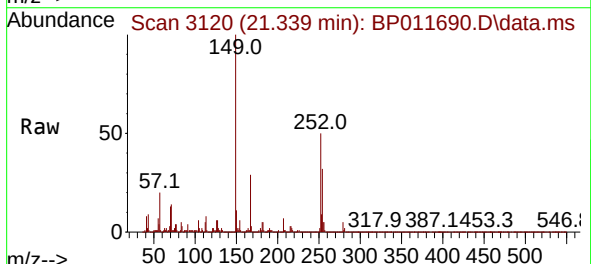
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

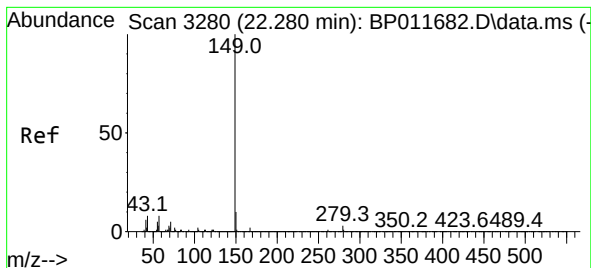
Tgt Ion:228 Resp: 7305614
Ion Ratio Lower Upper
228 100
226 31.8 23.4 35.2
229 20.4 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.305 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:149 Resp: 4651601
Ion Ratio Lower Upper
149 100
167 29.1 21.8 32.8
279 5.3 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 43.277 ng

RT: 22.286 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

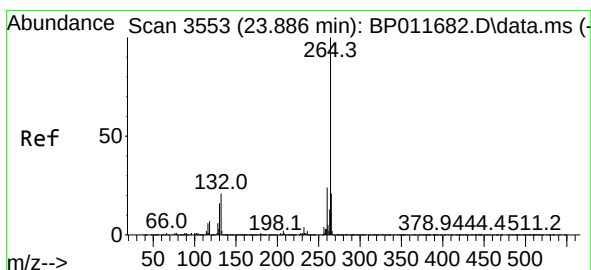
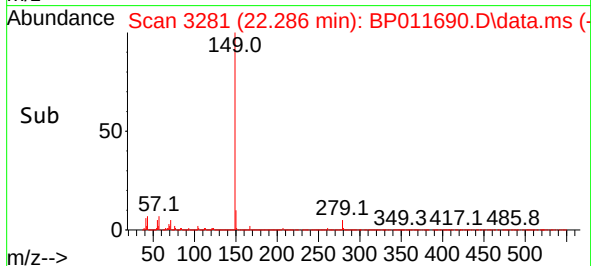
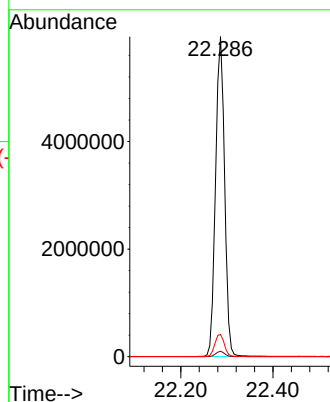
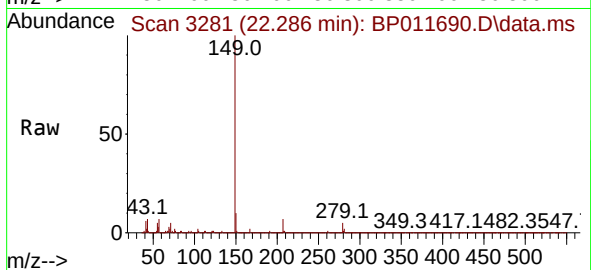
Tgt Ion:149 Resp: 8067915

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.3 10.0 15.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.892 min Scan# 3554

Delta R.T. 0.006 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

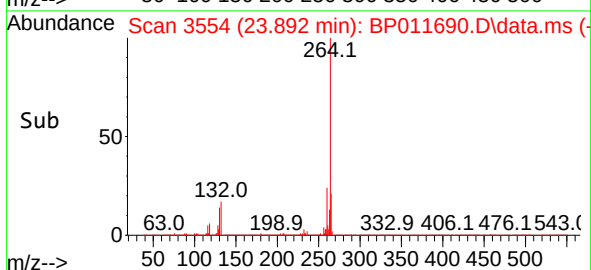
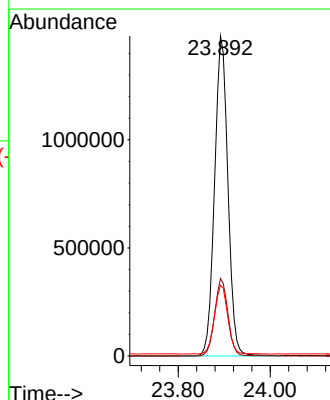
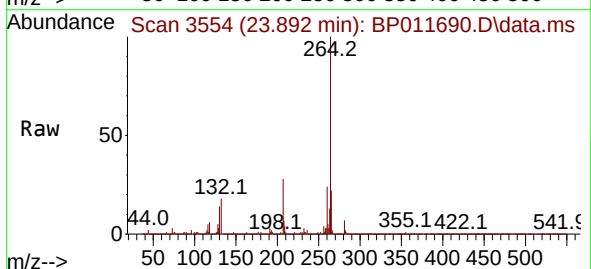
Tgt Ion:264 Resp: 2967504

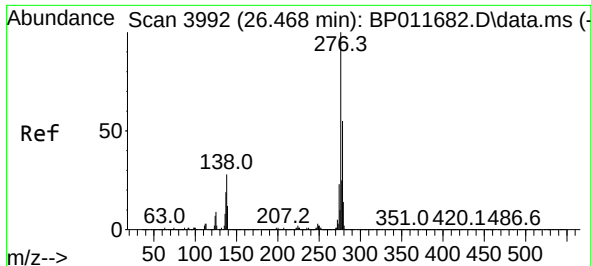
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.1 18.0 27.0

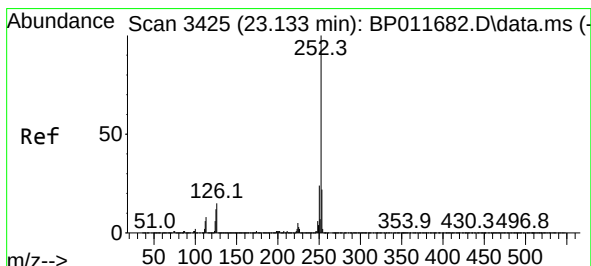
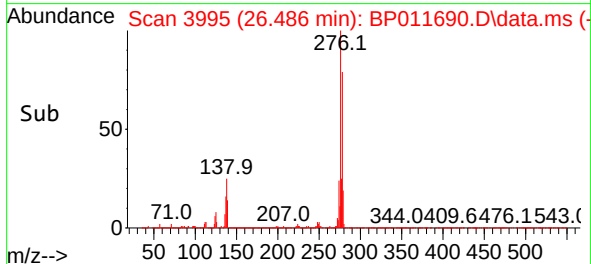
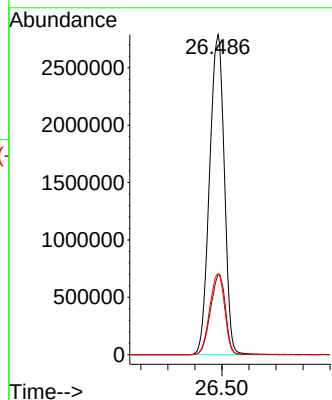
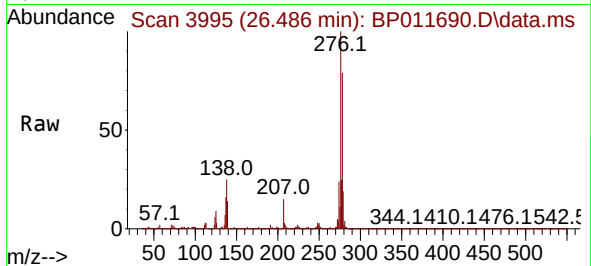




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.800 ng
 RT: 26.486 min Scan# 3992
 Delta R.T. 0.018 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

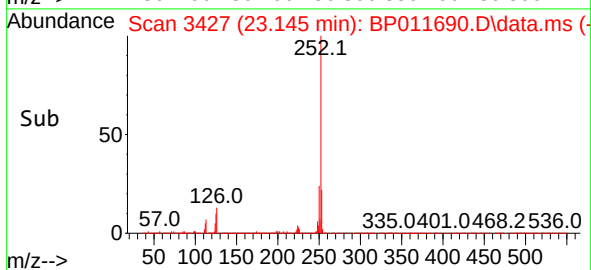
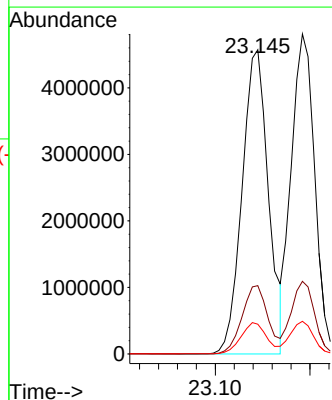
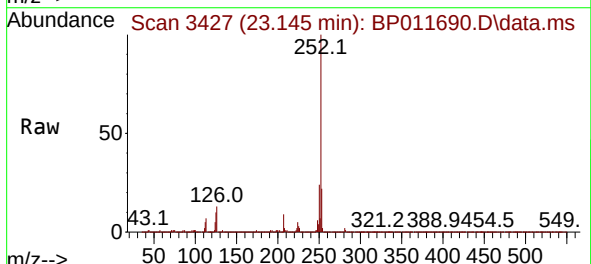
Instrument :
 BNA_P
 ClientSampleId :
 PB147586BSD

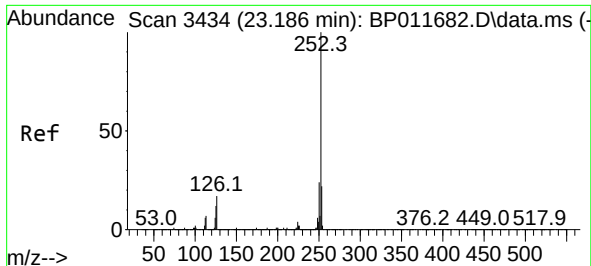
Tgt Ion:276 Resp:10533425
 Ion Ratio Lower Upper
 276 100
 138 25.3 17.5 26.3
 277 25.6 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 48.183 ng
 RT: 23.145 min Scan# 3427
 Delta R.T. 0.012 min
 Lab File: BP011690.D
 Acq: 13 Sep 2022 17:48

Tgt Ion:252 Resp: 8823549
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.6
 125 9.8 7.0 10.6

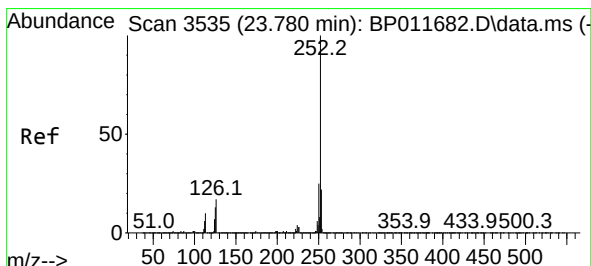
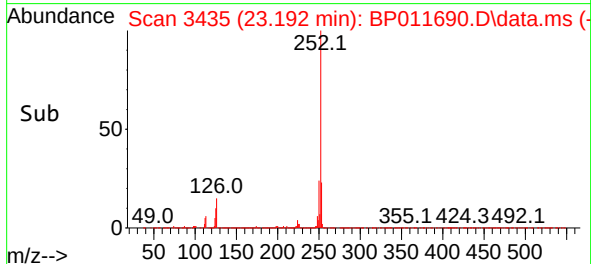
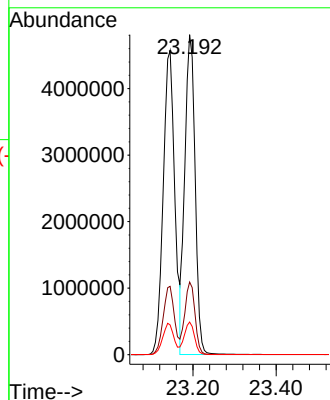
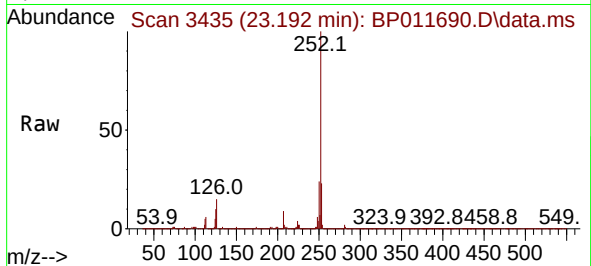




#89
Benzo(k)fluoranthene
Concen: 45.390 ng
RT: 23.192 min Scan# 3435
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

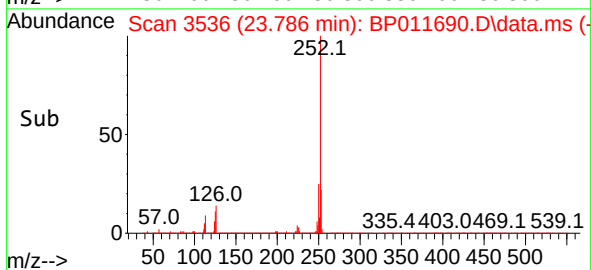
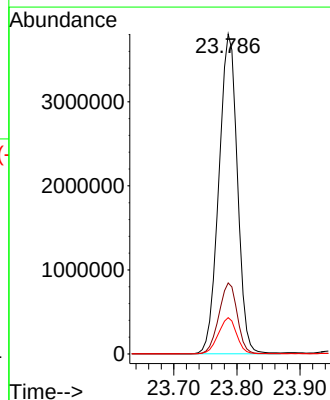
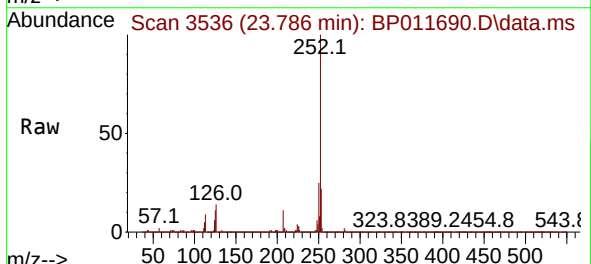
Instrument :
BNA_P
ClientSampleId :
PB147586BSD

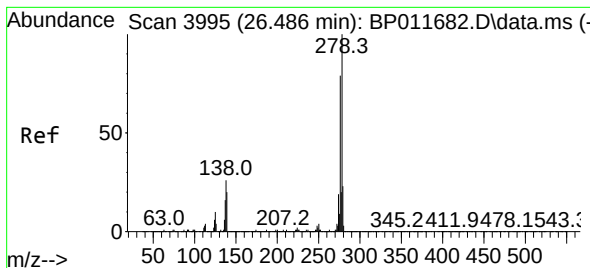
Tgt Ion:252 Resp: 8292401
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 10.2 7.0 10.4



#90
Benzo(a)pyrene
Concen: 51.508 ng
RT: 23.786 min Scan# 3536
Delta R.T. 0.006 min
Lab File: BP011690.D
Acq: 13 Sep 2022 17:48

Tgt Ion:252 Resp: 7756716
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.4 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 51.856 ng

RT: 26.504 min Scan# 3995

Delta R.T. 0.018 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Instrument :

BNA_P

ClientSampleId :

PB147586BSD

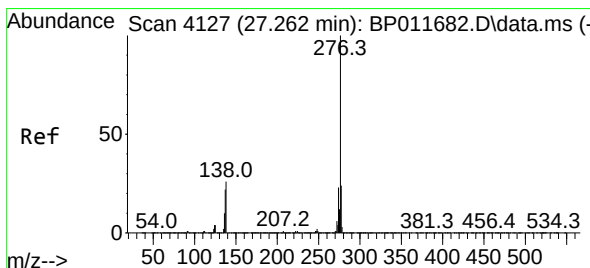
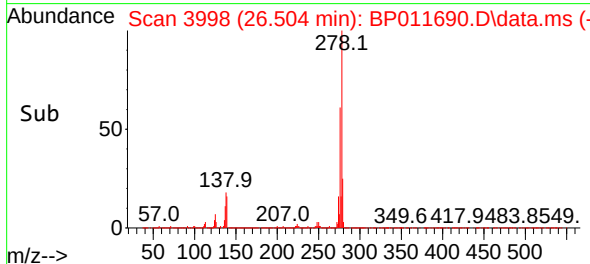
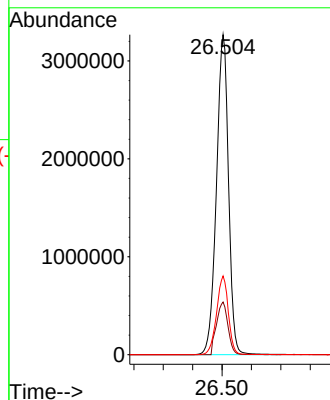
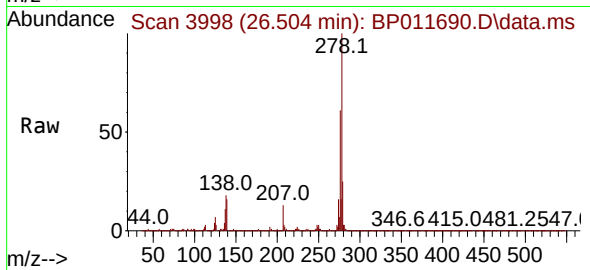
Tgt Ion:278 Resp: 9297896

Ion Ratio Lower Upper

278 100

139 16.5 11.4 17.0

279 24.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 51.712 ng

RT: 27.280 min Scan# 4130

Delta R.T. 0.018 min

Lab File: BP011690.D

Acq: 13 Sep 2022 17:48

Tgt Ion:276 Resp: 9110174

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 21.1 15.2 22.8

