

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023097.D
 Acq On : 14 Nov 2024 02:18
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 14 03:19:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	81051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	307111	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.192	164	252074	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.998	188	625767	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.439	240	742076	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	849415	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	15512	9.199	ng/uL	0.00
4) Pyridine-d5	3.546	84	100162	19.993	ng/ul	0.00
7) Phenol-d5	6.781	99	121678	20.306	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	72735	20.660	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	91281	20.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	99444	20.166	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	46806	21.892	ng/ul	0.00
24) 2-Nitrophenol-d4	9.434	143	54232	21.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	114883	21.522	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	132746	20.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	381057	20.974	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	406540	21.446	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.451	143	49366	18.081	ng/ul	0.00
60) Fluorene-d10	15.204	176	338921	21.278	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	74626	19.907	ng/ul	0.00
73) Anthracene-d10	17.104	188	573498	21.645	ng/ul	-0.01
81) Pyrene-d10	19.492	212	751430	21.984	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.421	264	886260	21.904	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	15809	8.114	ng/uL	92
5) Pyridine	3.569	79	104701	20.810	ng/ul	93
6) Benzaldehyde	6.752	77	85718	24.858	ng/ul	94
8) Phenol	6.810	94	126577	20.228	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.022	93	96132	20.444	ng/ul	93
12) 2-Chlorophenol	7.157	128	94398	20.718	ng/ul	96
13) 2-Methylphenol	8.028	108	95966	20.545	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.087	45	114519	21.514	ng/ul	95
16) Acetophenone	8.393	105	166995	20.153	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	83818	20.258	ng/ul	98
18) 4-Methylphenol	8.352	108	104217	20.200	ng/ul	96
19) Hexachloroethane	8.628	117	44071	19.999	ng/ul	91
22) Nitrobenzene	8.763	77	131685	21.465	ng/ul	97
23) Isophorone	9.281	82	238201	21.715	ng/ul	99
25) 2-Nitrophenol	9.463	139	58227	21.643	ng/ul	92
26) 2,4-Dimethylphenol	9.528	107	124448	21.421	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.757	93	133281	22.082	ng/ul	97
29) 2,4-Dichlorophenol	9.998	162	114749	21.703	ng/ul	97
30) Naphthalene	10.381	128	319324	21.402	ng/ul	99
32) 4-Chloroaniline	10.504	127	127537	20.672	ng/ul	94
33) Hexachlorobutadiene	10.651	225	98017	20.488	ng/ul	98
34) Caprolactam	11.293	113	32366	20.581	ng/ul	94
35) 4-Chloro-3-methylphenol	11.645	107	123723	21.752	ng/ul	95
36) 2-Methylnaphthalene	11.987	142	235030	20.866	ng/ul	98

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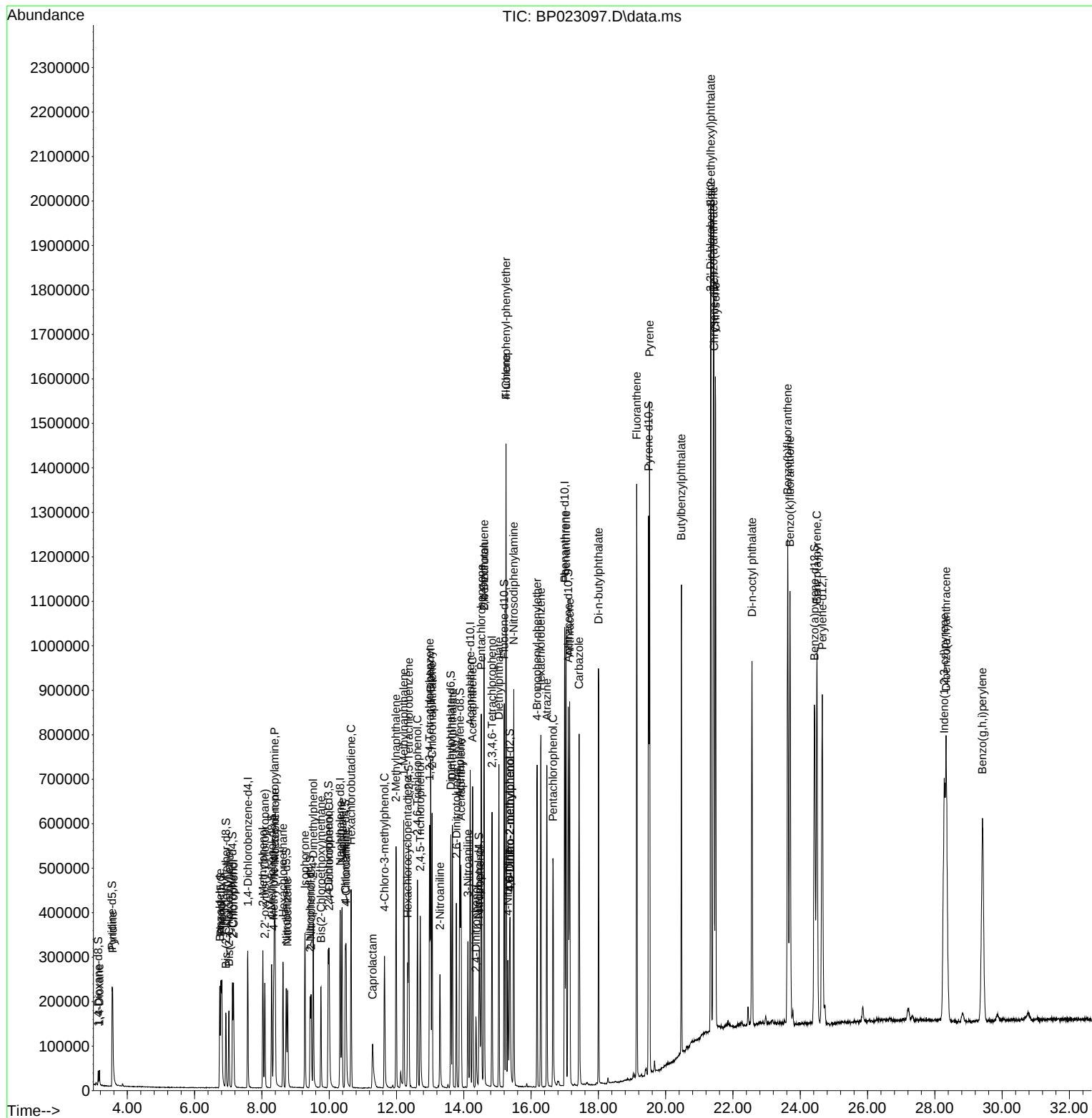
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.216	142	245368	21.309	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.363	216	179602	21.105	ng/ul	96
40) Hexachlorocyclopentadiene	12.334	237	77516	17.342	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.622	196	115732	22.334	ng/ul	95
42) 2,4,5-Trichlorophenol	12.704	196	122723	21.968	ng/ul	96
43) 1,1'-Biphenyl	13.016	154	345286	21.377	ng/ul	100
44) 2-Chloronaphthalene	13.057	162	284004	21.509	ng/ul	98
45) 2-Nitroaniline	13.292	65	80638	21.750	ng/ul	87
47) Dimethylphthalate	13.663	163	373490	20.845	ng/ul	98
48) 2,6-Dinitrotoluene	13.781	165	72739	20.871	ng/ul	98
50) Acenaphthylene	13.916	152	416343	21.728	ng/ul	99
51) 3-Nitroaniline	14.122	138	67302	22.420	ng/ul	99
52) Acenaphthene	14.263	153	297490	21.384	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	41611	16.827	ng/ul	91
55) 4-Nitrophenol	14.469	109	55082	17.244	ng/ul	93
56) Dibenzofuran	14.604	168	450132	20.942	ng/ul	100
57) 2,4-Dinitrotoluene	14.604	165	118195	21.278	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.839	232	115834	21.212	ng/ul	97
59) Diethylphthalate	15.045	149	366707	20.694	ng/ul	99
61) Fluorene	15.257	166	369481	21.002	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	215078	20.763	ng/ul	99
63) 4-Nitroaniline	15.310	138	65121	23.314	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.381	198	77530	19.361	ng/ul	98
67) N-Nitrosodiphenylamine	15.486	169	319487	22.095	ng/ul	99
68) 4-Bromophenyl-phenylether	16.180	248	152623	21.538	ng/ul	96
69) Hexachlorobenzene	16.292	284	185239	20.765	ng/ul	98
70) Atrazine	16.469	200	147663	21.126	ng/ul	98
71) Pentachlorophenol	16.657	266	111783	20.183	ng/ul	99
72) Phenanthrene	17.039	178	640093	21.665	ng/ul	99
74) Anthracene	17.145	178	647824	21.808	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.987	216	181101	21.920	ng/uL	98
76) Pentachlorobenzene	14.522	250	203385	21.559	ng/uL	99
77) Carbazole	17.427	167	575391	22.202	ng/ul	99
78) Di-n-butylphthalate	18.004	149	612075	21.282	ng/ul	100
80) Fluoranthene	19.139	202	845385	21.468	ng/ul	97
82) Pyrene	19.522	202	888616	21.006	ng/ul#	97
83) Butylbenzylphthalate	20.469	149	305884	21.962	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	357001	21.432	ng/ul	98
85) Benzo(a)anthracene	21.421	228	981757	21.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	425082	21.477	ng/ul	97
87) Chrysene	21.480	228	898054	21.063	ng/ul	100
89) Di-n-octyl phthalate	22.568	149	733132	21.274	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	1046901	22.143	ng/ul	99
91) Benzo(k)fluoranthene	23.698	252	1007835	21.654	ng/ul	99
93) Benzo(a)pyrene	24.498	252	920312	21.534	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.280	276	1231341	20.679	ng/ul	98
95) Dibenzo(a,h)anthracene	28.333	278	995414	20.589	ng/ul	100
96) Benzo(g,h,i)perylene	29.415	276	941731	20.822	ng/ul	97

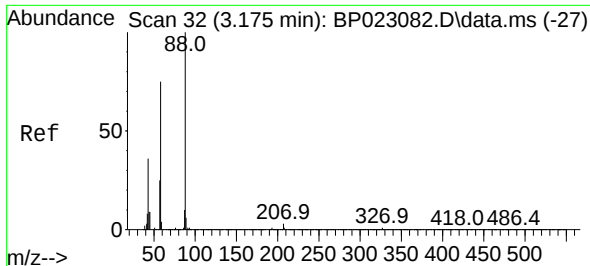
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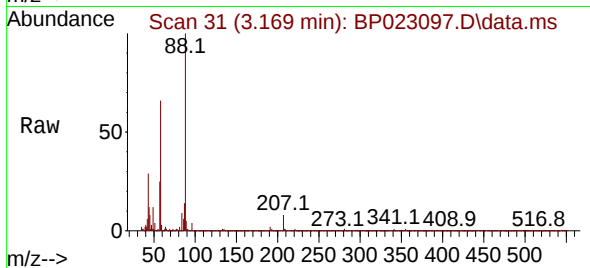
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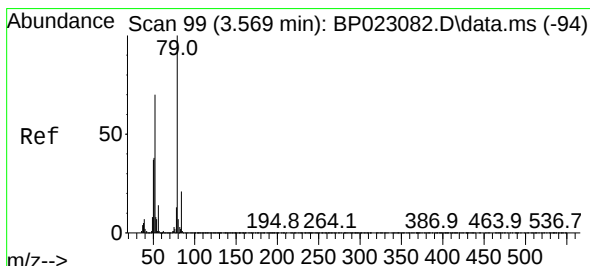
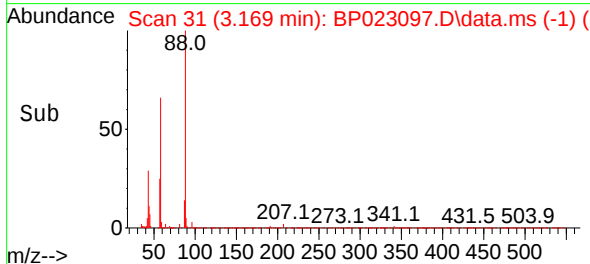
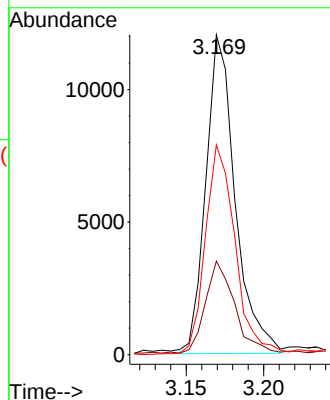


#2
1,4-Dioxane
Concen: 8.114 ng/uL
RT: 3.169 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Instrument :
BNA_P
ClientSampleId :

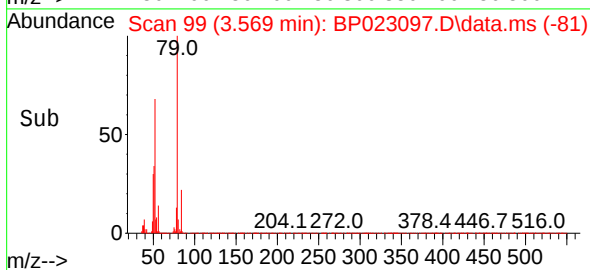
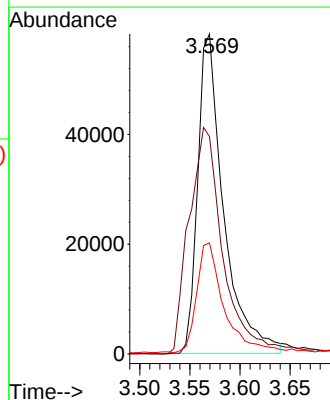
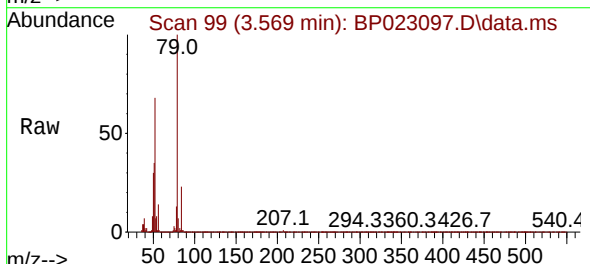


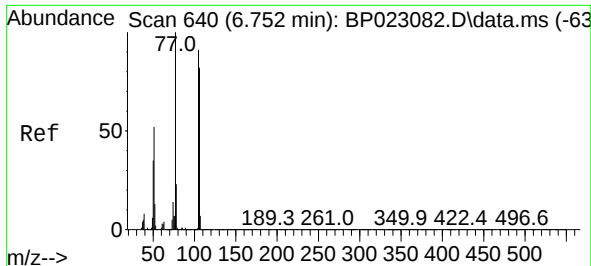
Tgt Ion: 88 Resp: 15809
Ion Ratio Lower Upper
88 100
43 29.3 24.2 36.4
58 65.5 59.2 88.8



#5
Pyridine
Concen: 20.810 ng/uL
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

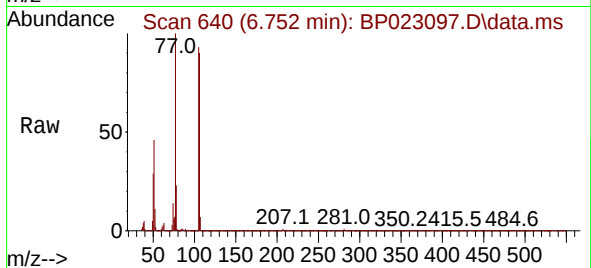
Tgt Ion: 79 Resp: 104701
Ion Ratio Lower Upper
79 100
52 68.0 59.5 89.3
51 34.7 30.4 45.6



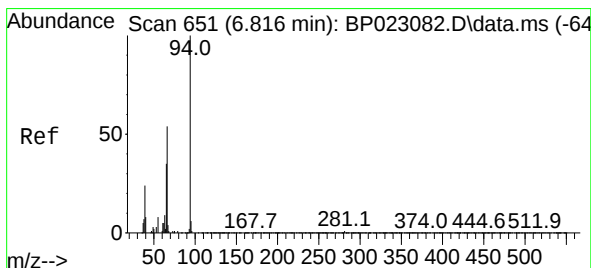
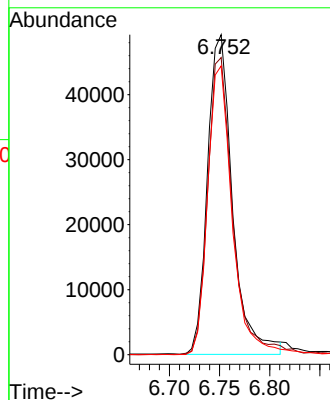
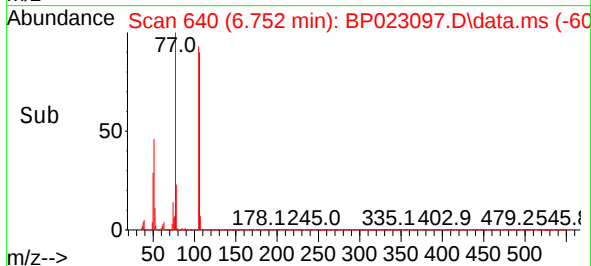


#6
Benzaldehyde
Concen: 24.858 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Instrument :
BNA_P
ClientSampleId :

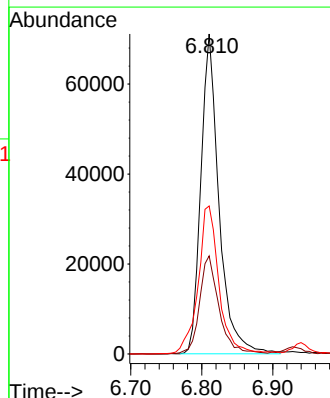
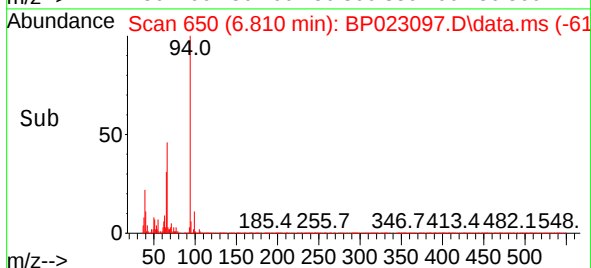
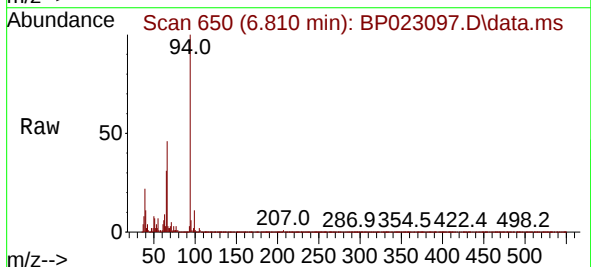


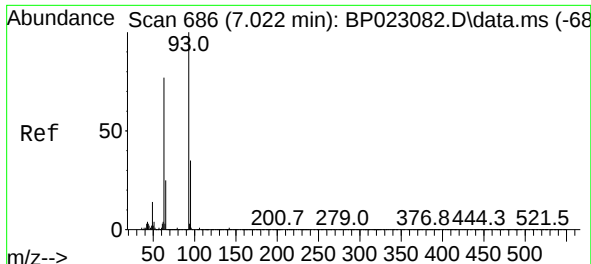
Tgt Ion: 77 Resp: 85718
Ion Ratio Lower Upper
77 100
105 92.9 72.5 108.7
106 90.2 65.5 98.3



#8
Phenol
Concen: 20.228 ng/ul
RT: 6.810 min Scan# 650
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion: 94 Resp: 126577
Ion Ratio Lower Upper
94 100
65 30.7 26.2 39.4
66 46.2 40.2 60.4



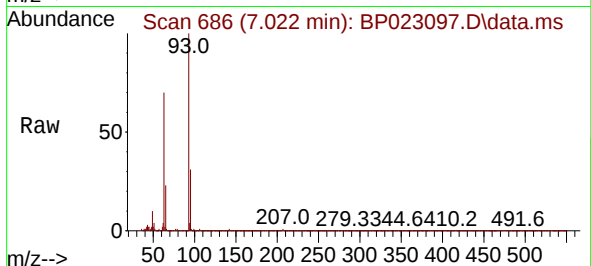


#10
Bis(2-Chloroethyl)ether
Concen: 20.444 ng/ul
RT: 7.022 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

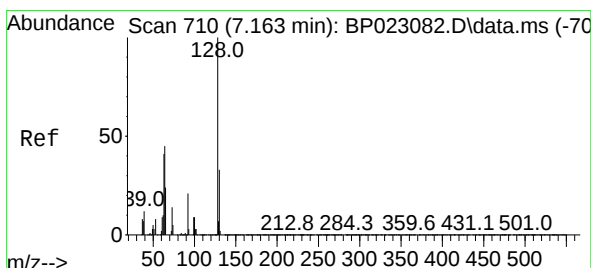
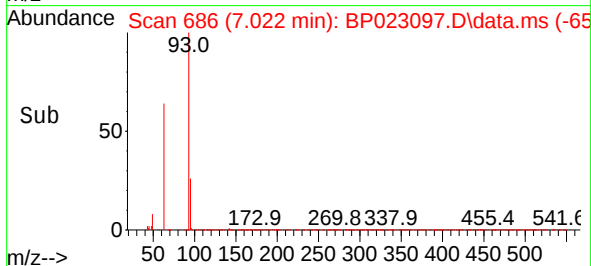
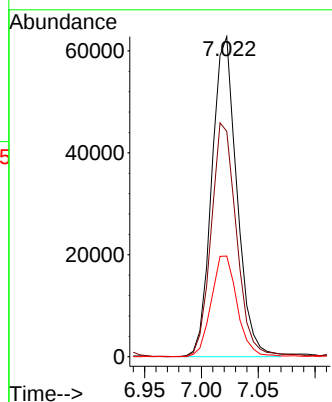
Instrument :

BNA_P

ClientSampleId :

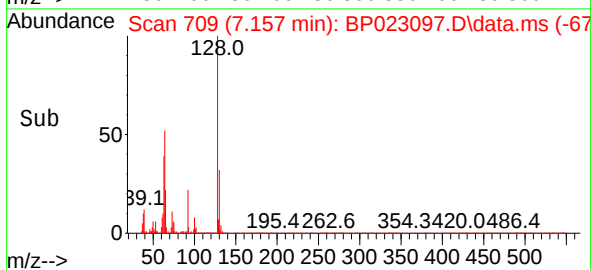
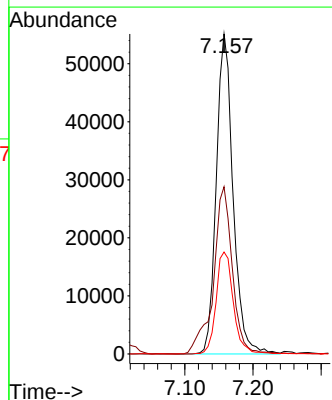
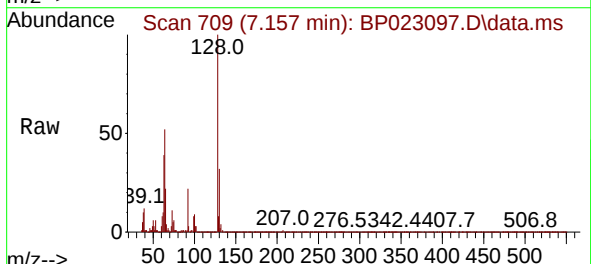


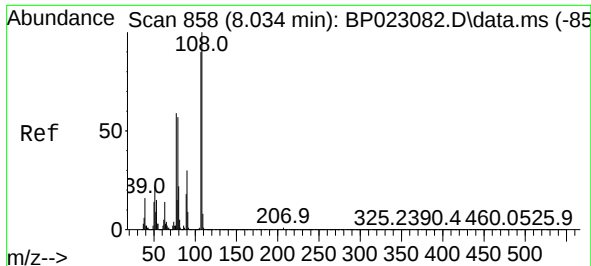
Tgt Ion: 93 Resp: 96132
Ion Ratio Lower Upper
93 100
63 70.5 60.6 91.0
95 31.5 29.0 43.4



#12
2-Chlorophenol
Concen: 20.718 ng/ul
RT: 7.157 min Scan# 709
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion: 128 Resp: 94398
Ion Ratio Lower Upper
128 100
64 52.2 39.0 58.6
130 31.8 26.4 39.6

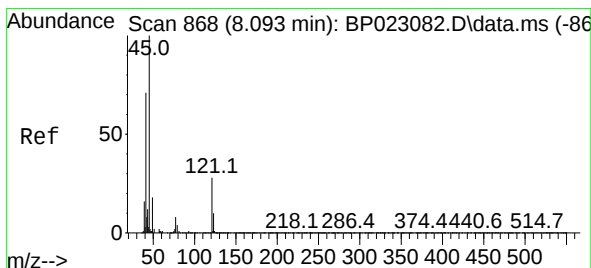
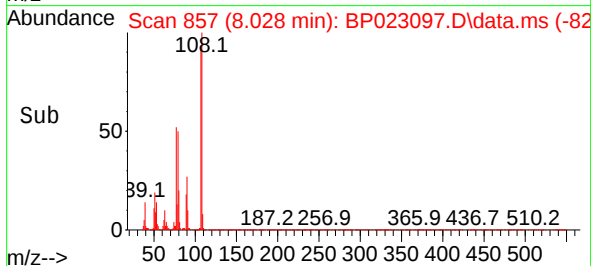
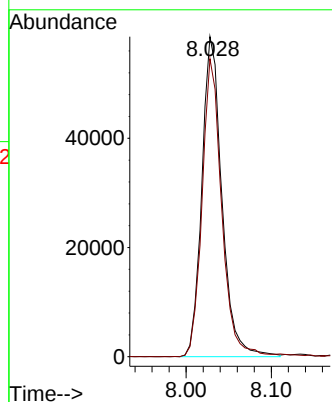
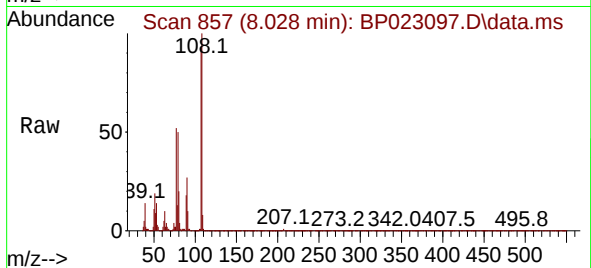




#13
2-Methylphenol
Concen: 20.545 ng/ul
RT: 8.028 min Scan# 858
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

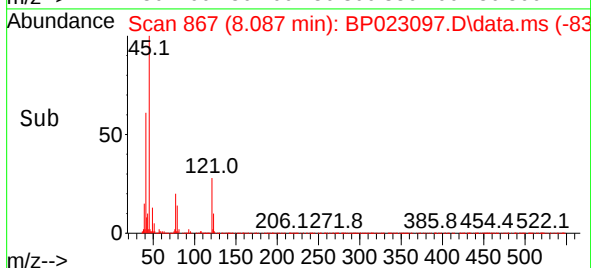
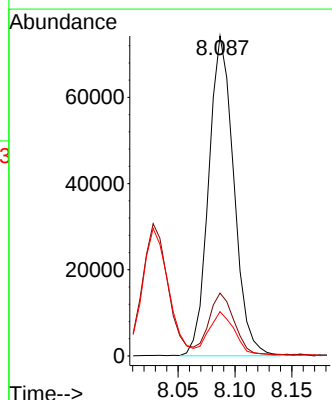
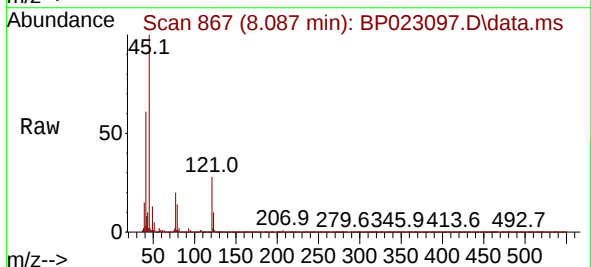
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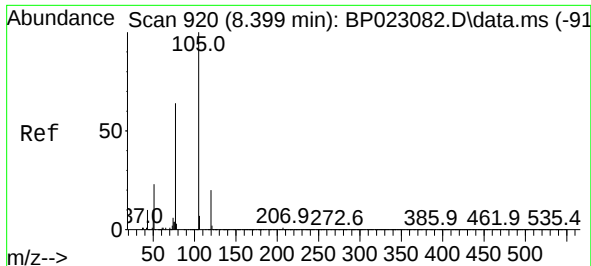
Tgt Ion:108 Resp: 95966
Ion Ratio Lower Upper
108 100
107 93.1 73.3 109.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 21.514 ng/ul
RT: 8.087 min Scan# 867
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion: 45 Resp: 114519
Ion Ratio Lower Upper
45 100
77 19.7 18.2 27.2
79 13.9 11.7 17.5

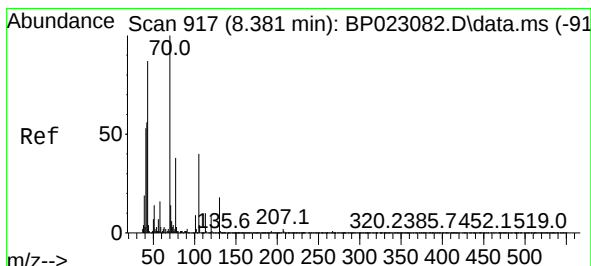
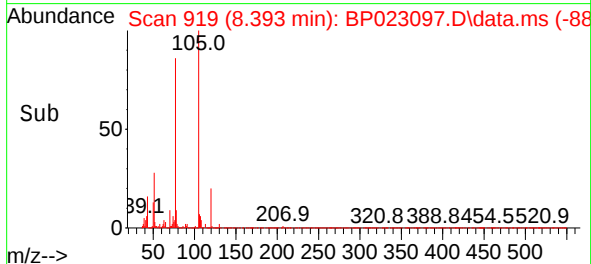
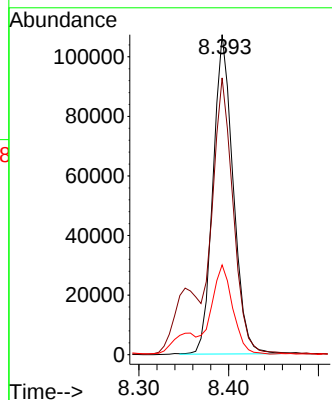
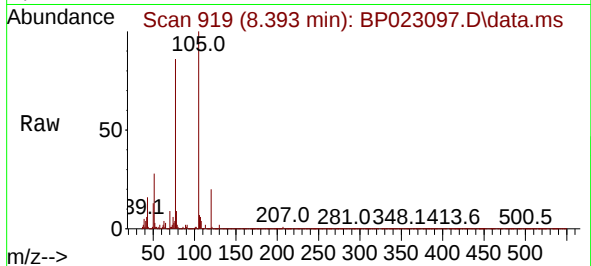




#16
Acetophenone
Concen: 20.153 ng/ul
RT: 8.393 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

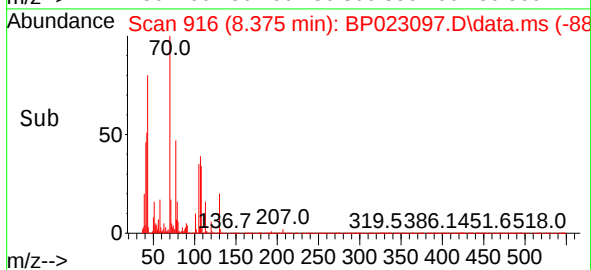
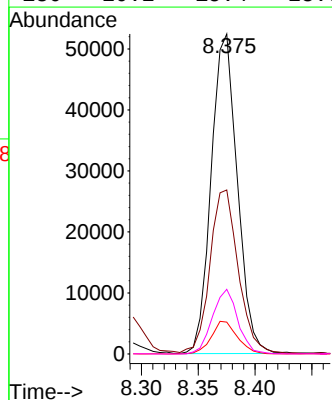
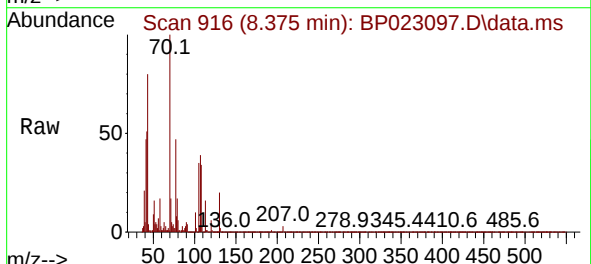
Instrument :
BNA_P
ClientSampleId :

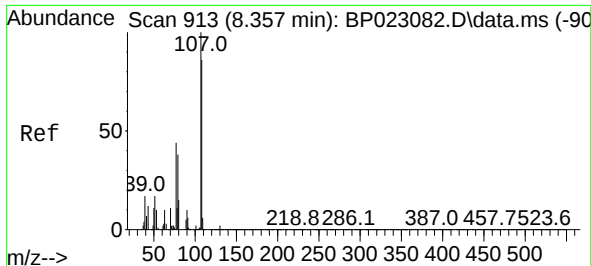
Tgt Ion:105 Resp: 166995
Ion Ratio Lower Upper
105 100
77 86.5 69.4 104.0
51 28.1 23.2 34.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.258 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion: 70 Resp: 83818
Ion Ratio Lower Upper
70 100
42 51.3 42.3 63.5
101 10.0 7.4 11.2
130 20.2 15.4 23.0





#18

4-Methylphenol

Concen: 20.200 ng/ul

RT: 8.352 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

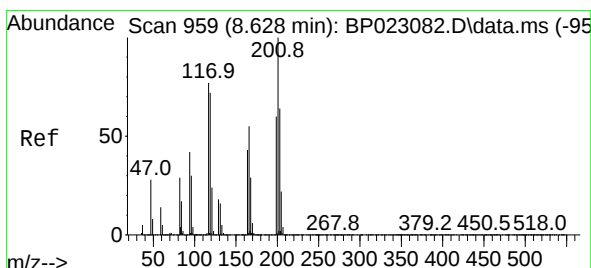
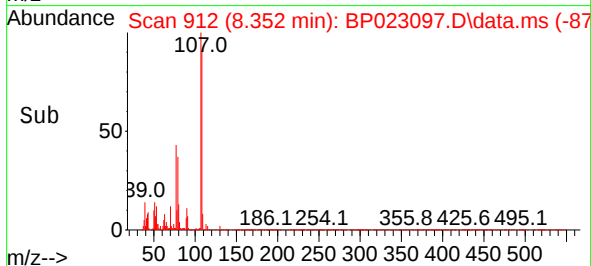
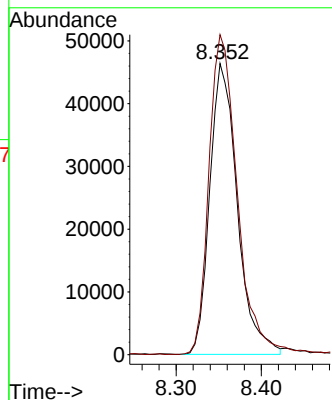
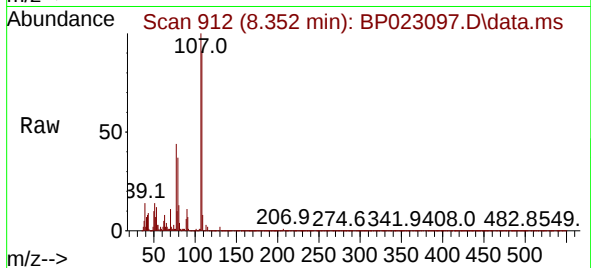
ClientSampleId :

Tgt Ion:108 Resp: 104217

Ion Ratio Lower Upper

108 100

107 109.9 91.5 137.3



#19

Hexachloroethane

Concen: 19.999 ng/ul

RT: 8.628 min Scan# 959

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

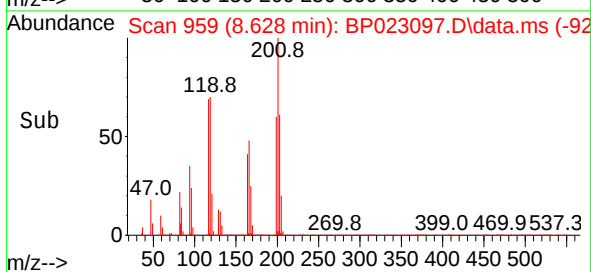
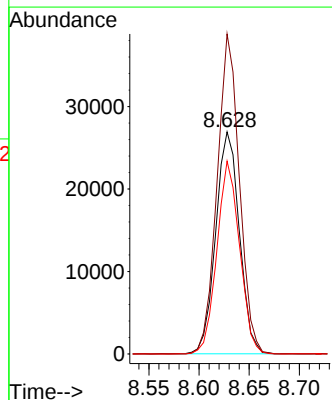
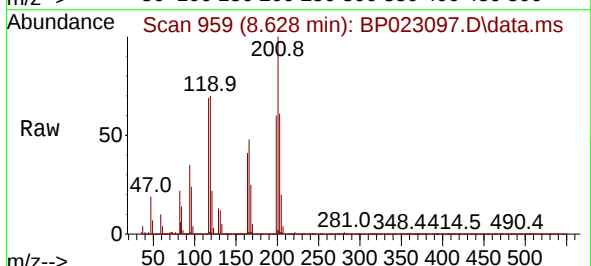
Tgt Ion:117 Resp: 44071

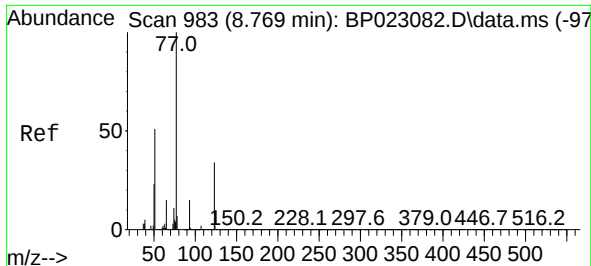
Ion Ratio Lower Upper

117 100

201 144.1 105.0 157.6

199 86.8 65.9 98.9

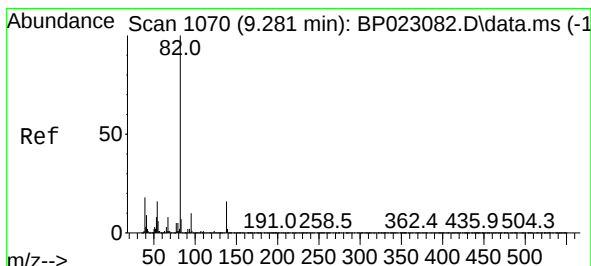
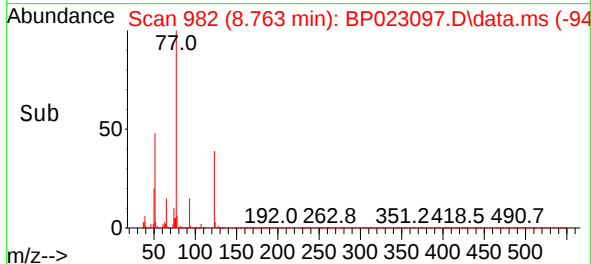
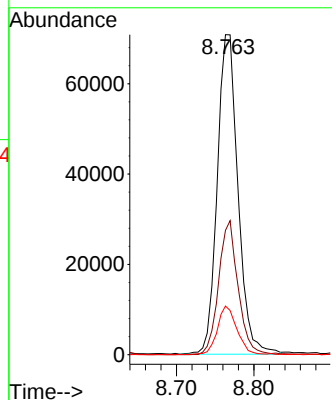
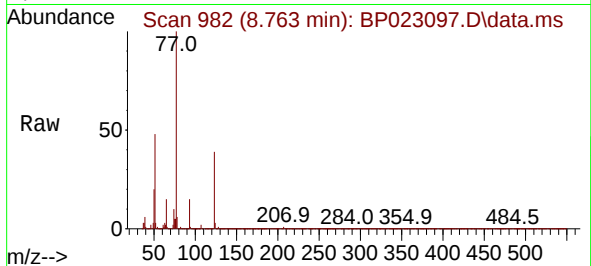




#22
Nitrobenzene
Concen: 21.465 ng/ul
RT: 8.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

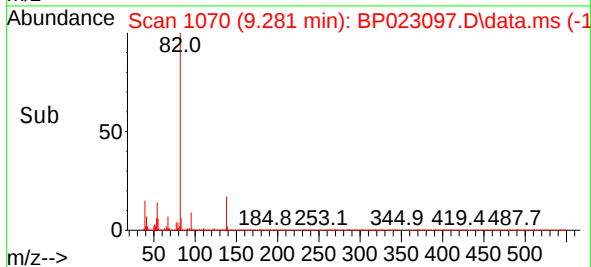
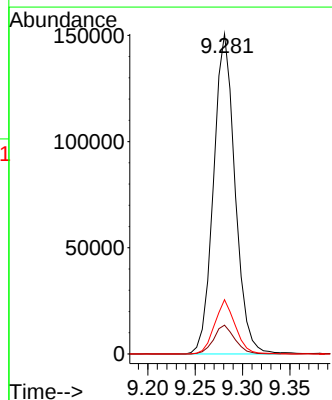
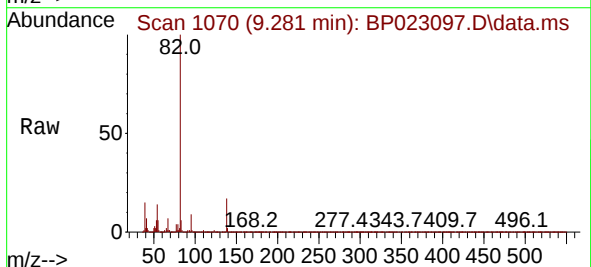
Instrument :
BNA_P
ClientSampleId :

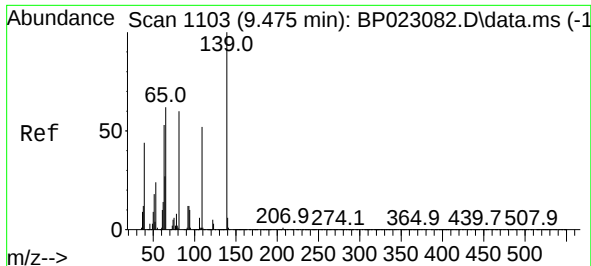
Tgt Ion: 77 Resp: 131685
Ion Ratio Lower Upper
77 100
123 38.8 32.2 48.4
65 15.2 10.9 16.3



#23
Isophorone
Concen: 21.715 ng/ul
RT: 9.281 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion: 82 Resp: 238201
Ion Ratio Lower Upper
82 100
95 9.0 7.6 11.4
138 16.9 13.4 20.2





#25

2-Nitrophenol

Concen: 21.643 ng/ul

RT: 9.463 min Scan# 1101

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

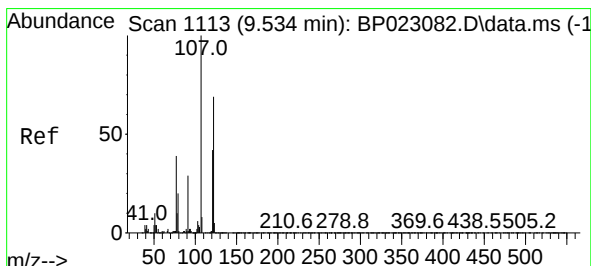
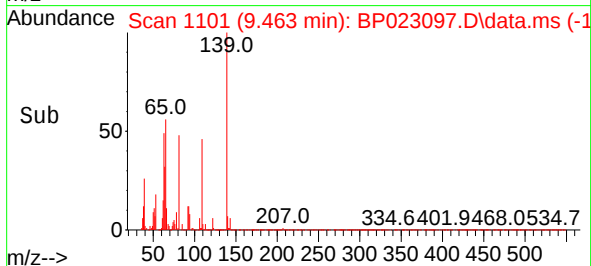
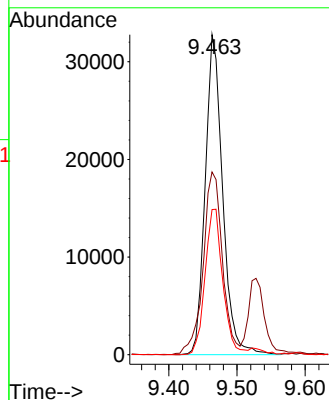
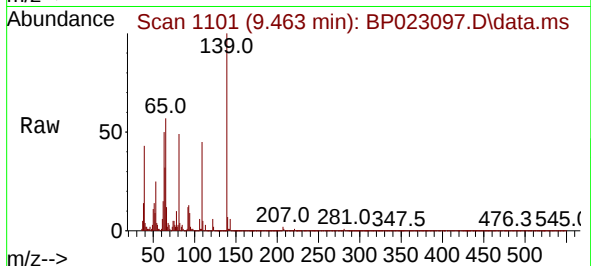
Tgt Ion:139 Resp: 58227

Ion Ratio Lower Upper

139 100

65 57.1 52.8 79.2

109 45.4 38.9 58.3



#26

2,4-Dimethylphenol

Concen: 21.421 ng/ul

RT: 9.528 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

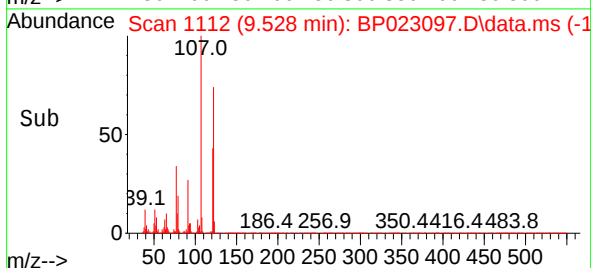
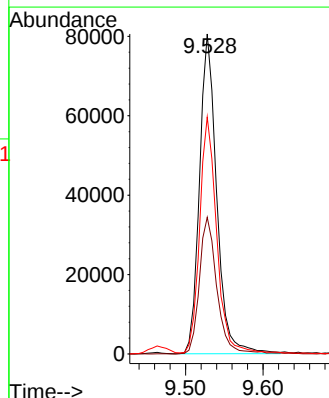
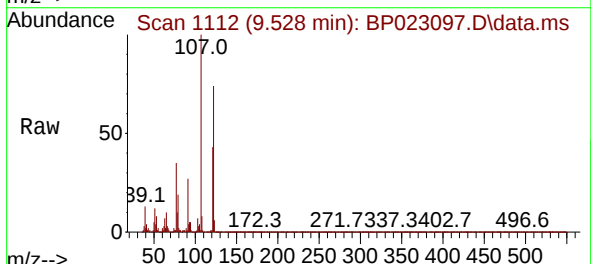
Tgt Ion:107 Resp: 124448

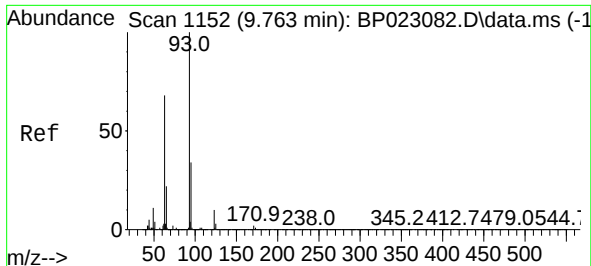
Ion Ratio Lower Upper

107 100

121 42.7 34.4 51.6

122 74.0 56.7 85.1

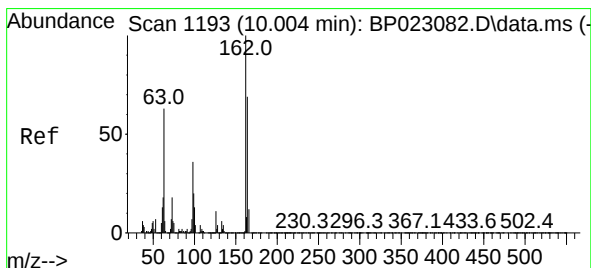
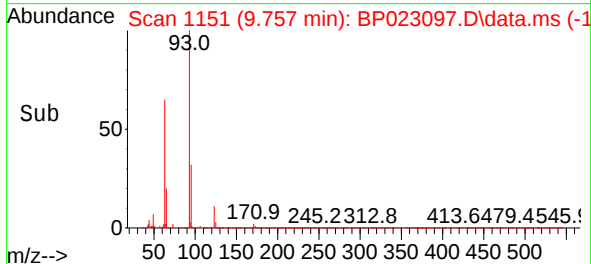
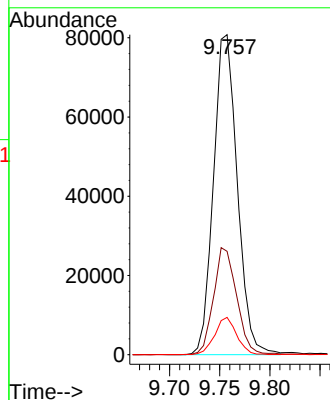
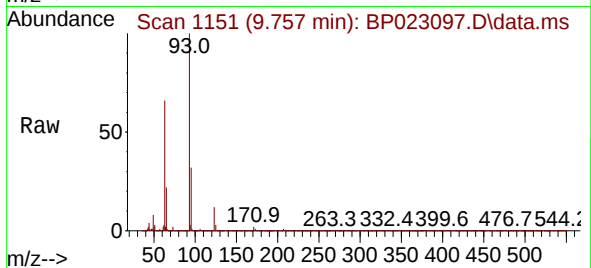




#27
Bis(2-Chloroethoxy)methane
Concen: 22.082 ng/ul
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

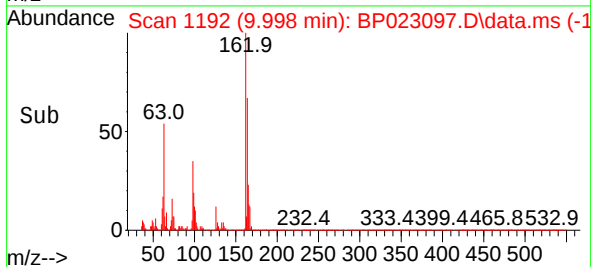
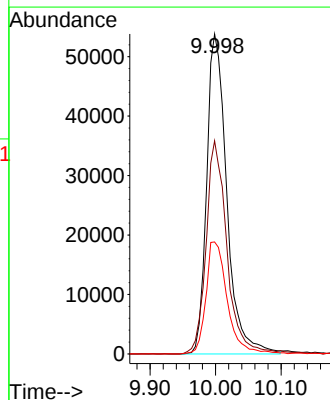
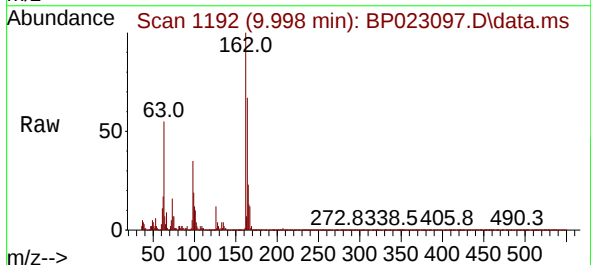
Instrument :
BNA_P
ClientSampleId :

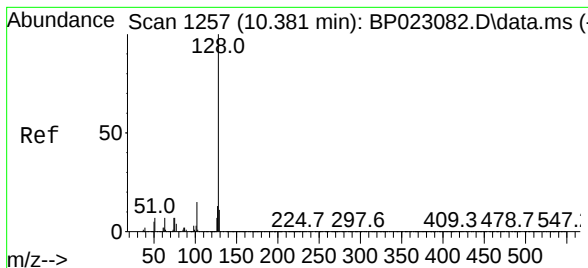
Tgt Ion: 93 Resp: 133281
Ion Ratio Lower Upper
93 100
95 32.3 27.0 40.6
123 11.6 8.2 12.4



#29
2,4-Dichlorophenol
Concen: 21.703 ng/ul
RT: 9.998 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:162 Resp: 114749
Ion Ratio Lower Upper
162 100
164 66.6 51.4 77.0
98 35.0 27.0 40.6

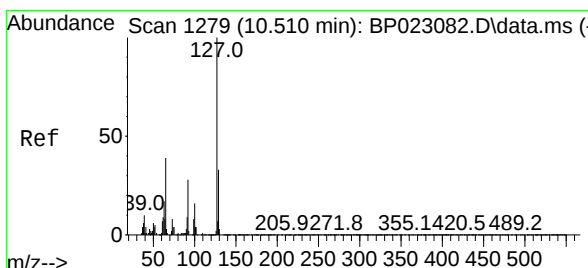
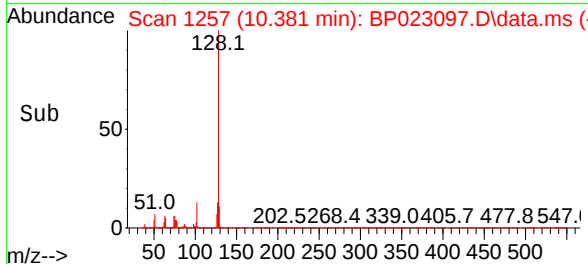
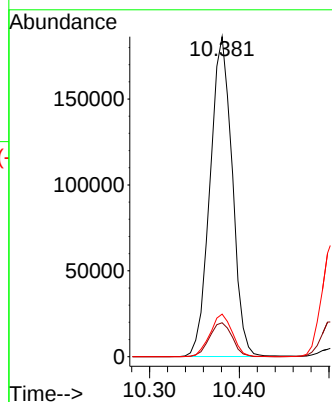
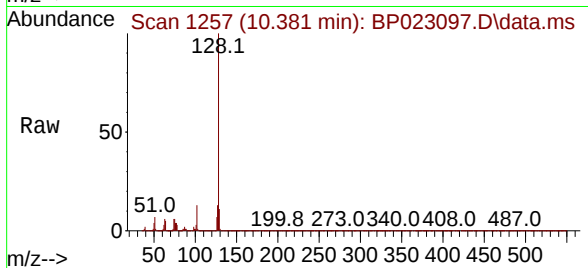




#30
Naphthalene
Concen: 21.402 ng/ul
RT: 10.381 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

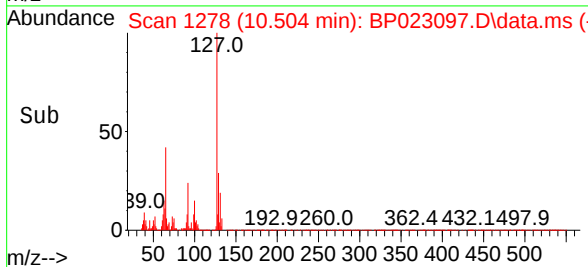
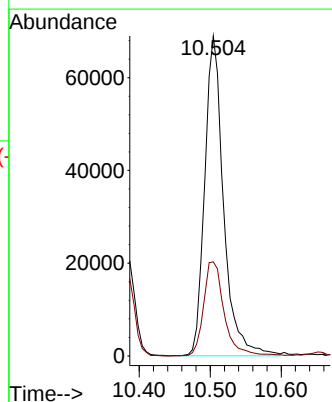
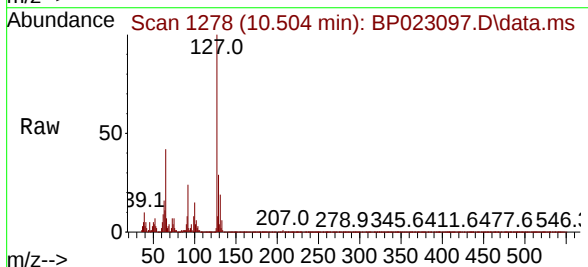
Instrument :
BNA_P
ClientSampleId :

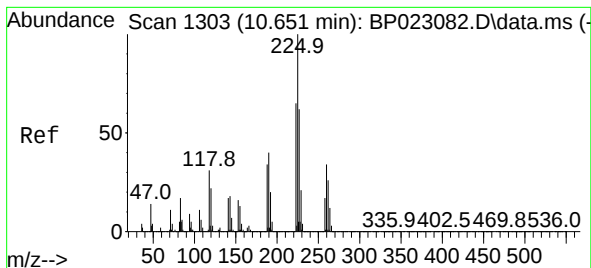
Tgt Ion:128 Resp: 319324
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.3 10.2 15.2



#32
4-Chloroaniline
Concen: 20.672 ng/ul
RT: 10.504 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:127 Resp: 127537
Ion Ratio Lower Upper
127 100
129 29.4 26.4 39.6





#33

Hexachlorobutadiene

Concen: 20.488 ng/ul

RT: 10.651 min Scan# 1412

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

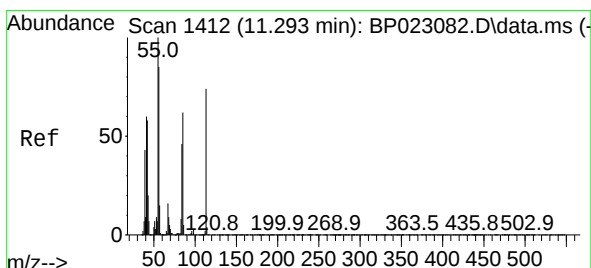
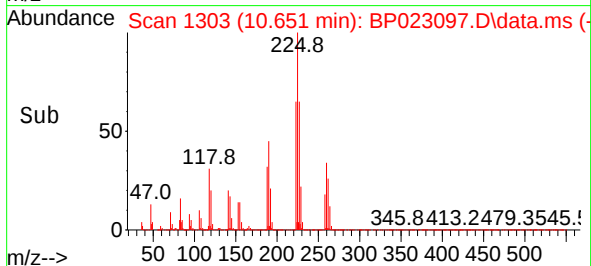
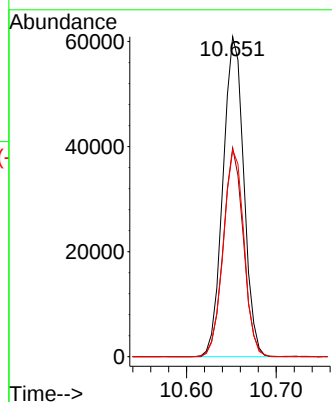
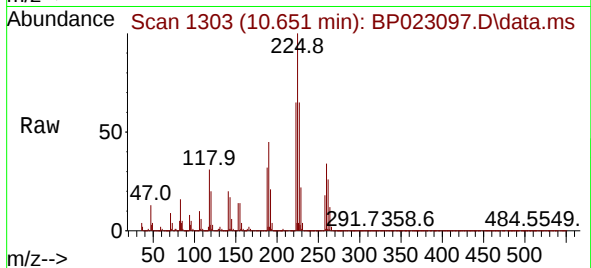
Tgt Ion:225 Resp: 98017

Ion Ratio Lower Upper

225 100

223 65.3 49.7 74.5

227 64.6 51.4 77.0



#34

Caprolactam

Concen: 20.581 ng/ul

RT: 11.293 min Scan# 1412

Delta R.T. 0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

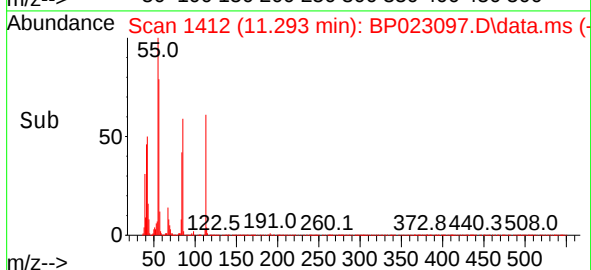
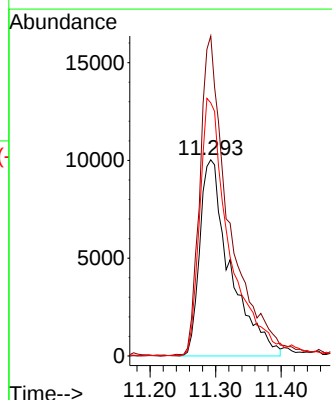
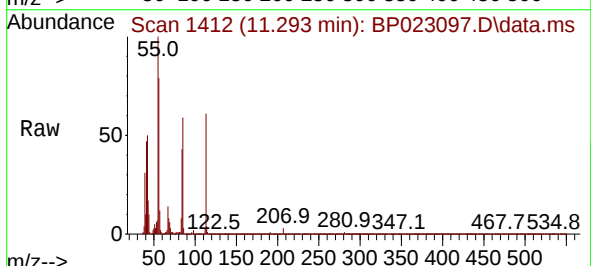
Tgt Ion:113 Resp: 32366

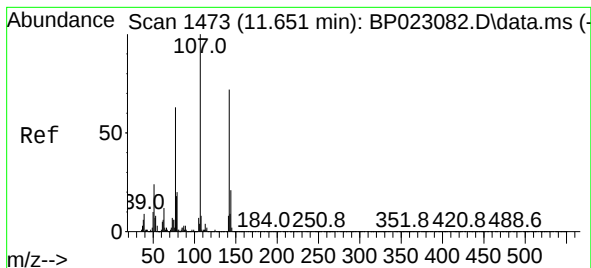
Ion Ratio Lower Upper

113 100

55 163.1 123.0 184.6

56 129.0 99.8 149.8

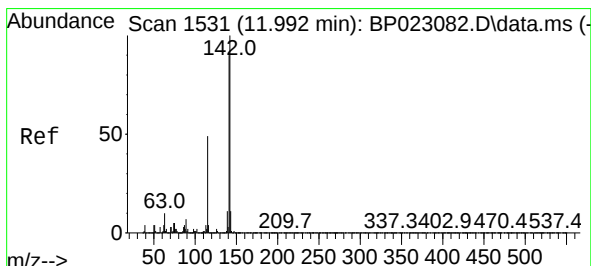
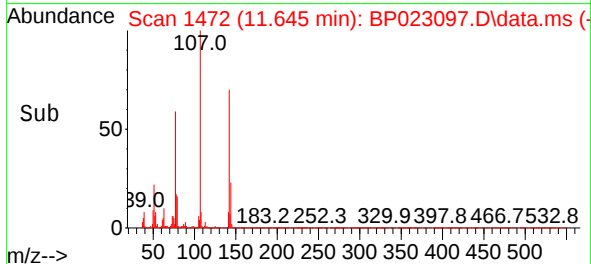
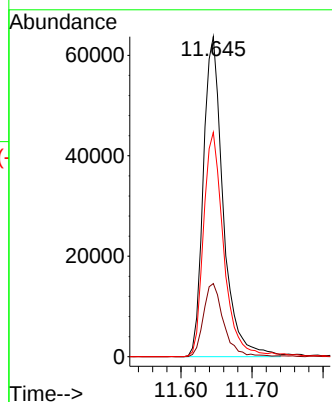
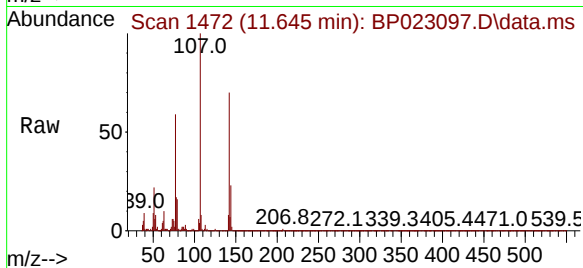




#35
4-Chloro-3-methylphenol
Concen: 21.752 ng/ul
RT: 11.645 min Scan# 1473
Delta R.T. 0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

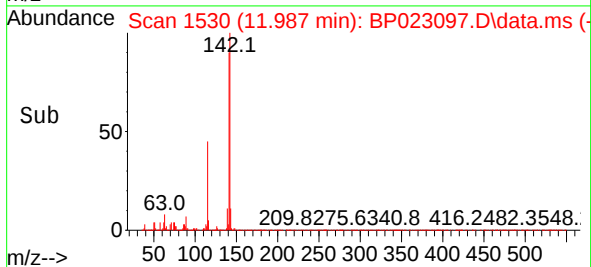
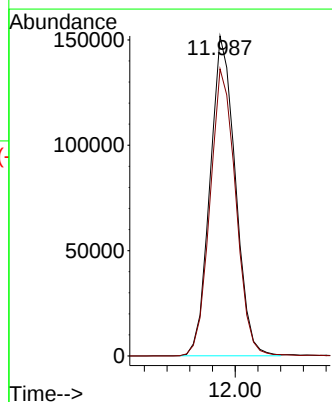
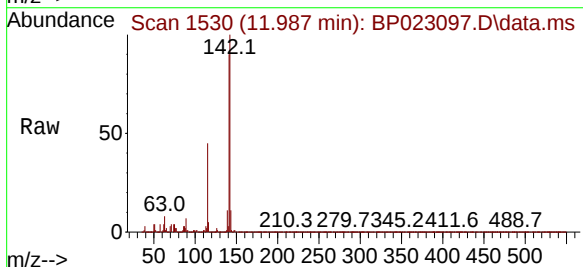
Instrument :
BNA_P
ClientSampleId :

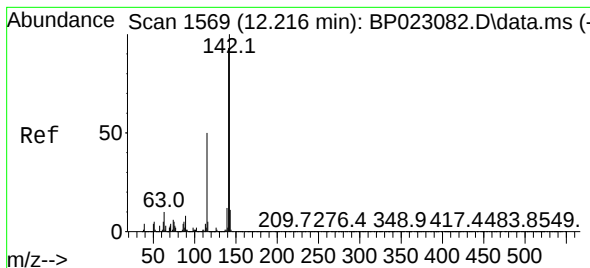
Tgt Ion:107 Resp: 123723
Ion Ratio Lower Upper
107 100
144 22.9 18.8 28.2
142 70.1 59.8 89.8



#36
2-Methylnaphthalene
Concen: 20.866 ng/ul
RT: 11.987 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:142 Resp: 235030
Ion Ratio Lower Upper
142 100
141 89.7 73.1 109.7





#37

1-Methylnaphthalene

Concen: 21.309 ng/ul

RT: 12.216 min Scan# 1569

Delta R.T. 0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

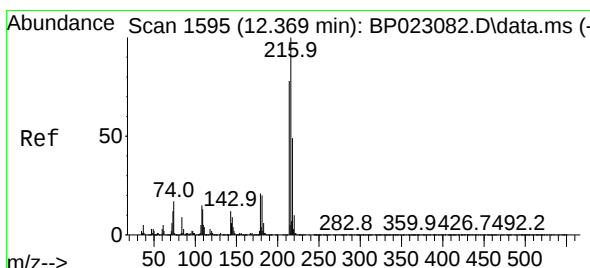
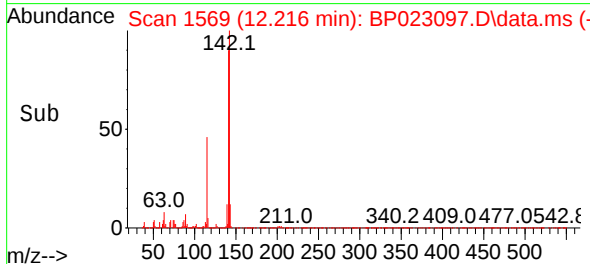
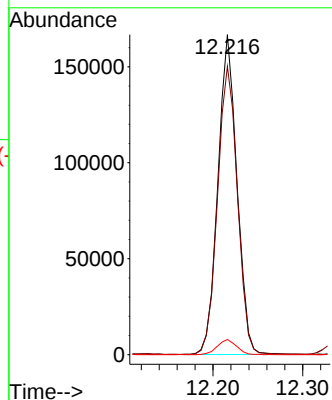
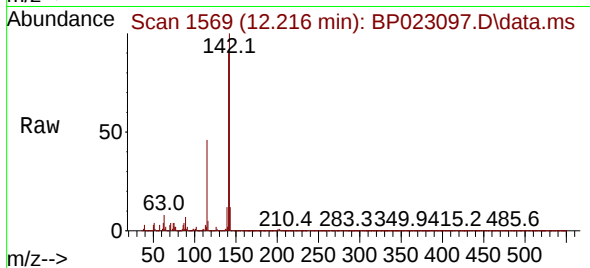
Tgt Ion:142 Resp: 245368

Ion Ratio Lower Upper

142 100

141 90.1 73.8 110.8

116 4.7 4.2 6.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.105 ng/ul

RT: 12.363 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Tgt Ion:216 Resp: 179602

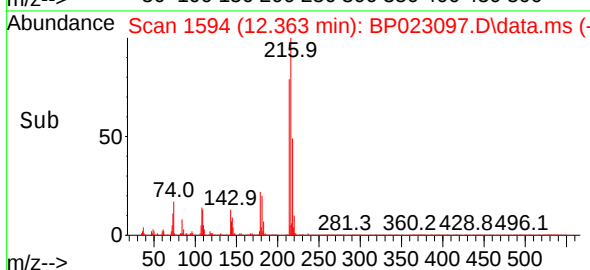
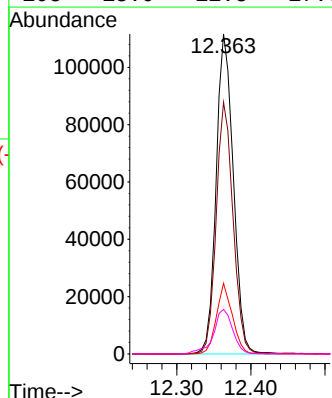
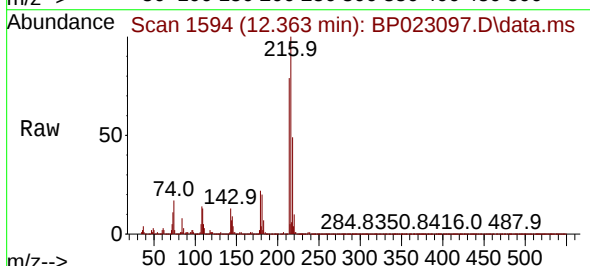
Ion Ratio Lower Upper

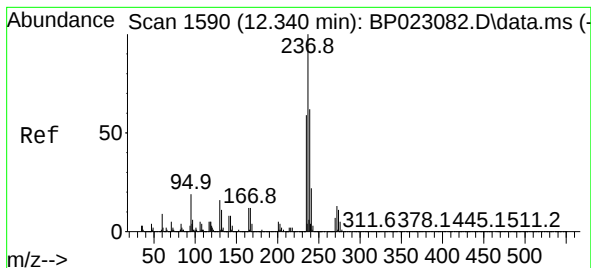
216 100

214 78.7 59.4 89.2

179 22.1 17.3 25.9

108 13.9 11.8 17.6





#40

Hexachlorocyclopentadiene

Concen: 17.342 ng/ul

RT: 12.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

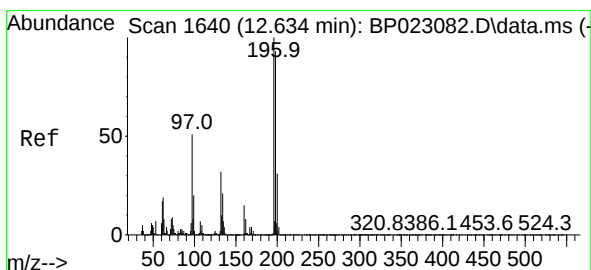
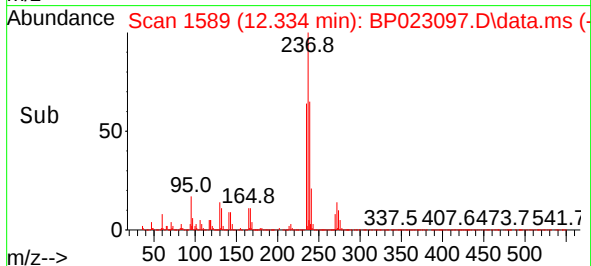
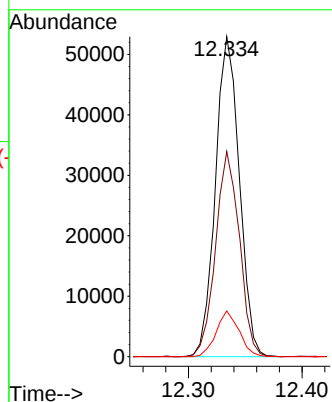
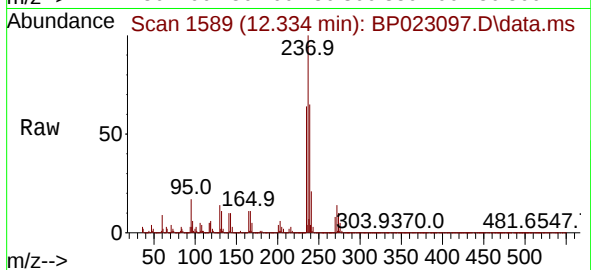
Tgt Ion:237 Resp: 77516

Ion Ratio Lower Upper

237 100

235 64.1 48.6 73.0

272 15.3 10.2 15.2#



#41

2,4,6-Trichlorophenol

Concen: 22.334 ng/ul

RT: 12.622 min Scan# 1638

Delta R.T. 0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

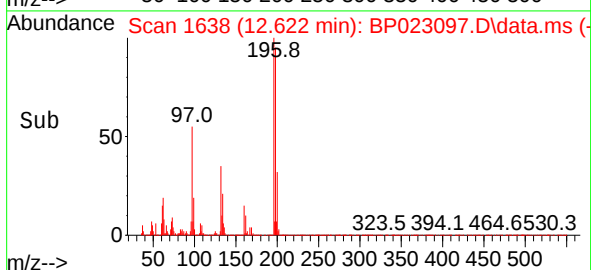
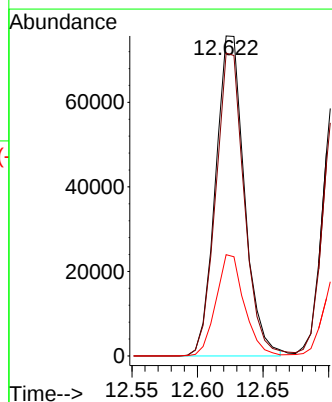
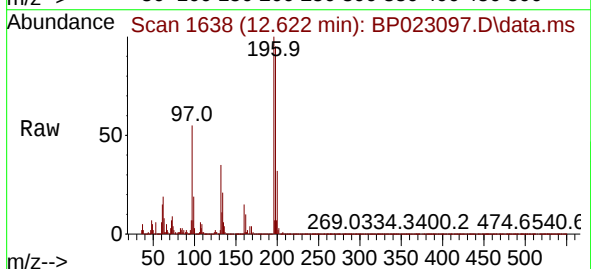
Tgt Ion:196 Resp: 115732

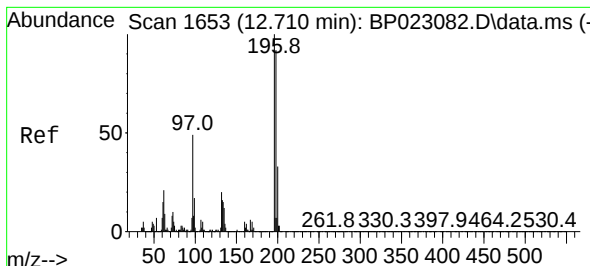
Ion Ratio Lower Upper

196 100

198 94.6 80.5 120.7

200 31.7 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 21.968 ng/ul

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

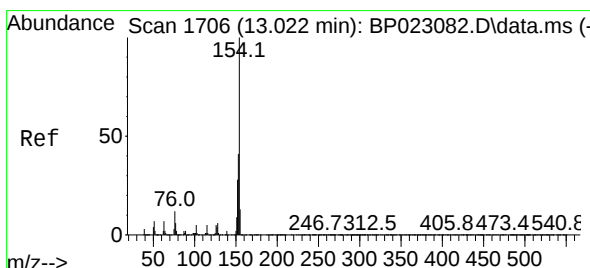
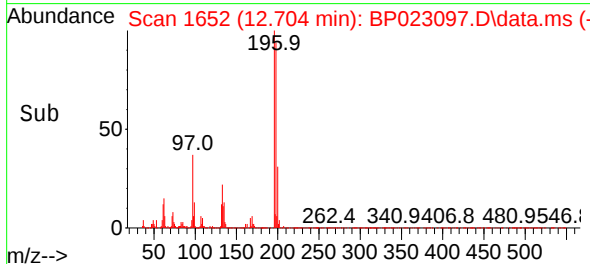
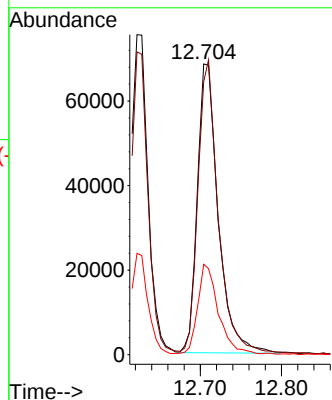
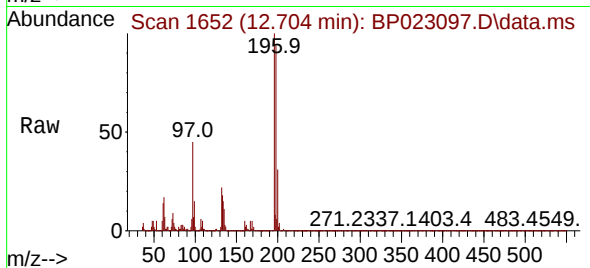
Tgt Ion:196 Resp: 122723

Ion Ratio Lower Upper

196 100

198 94.0 79.6 119.4

200 31.1 25.0 37.6



#43

1,1'-Biphenyl

Concen: 21.377 ng/ul

RT: 13.016 min Scan# 1705

Delta R.T. 0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

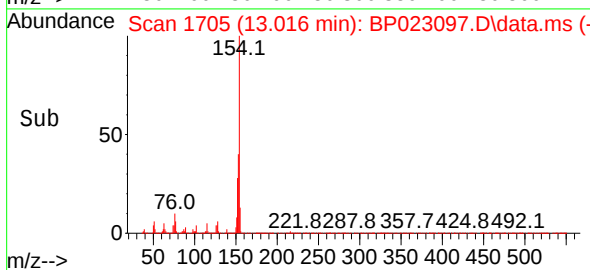
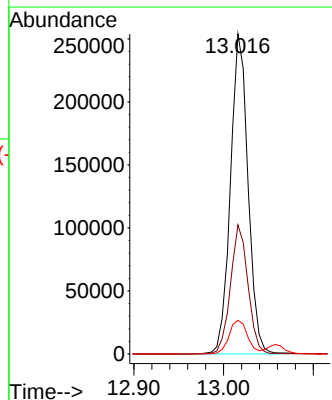
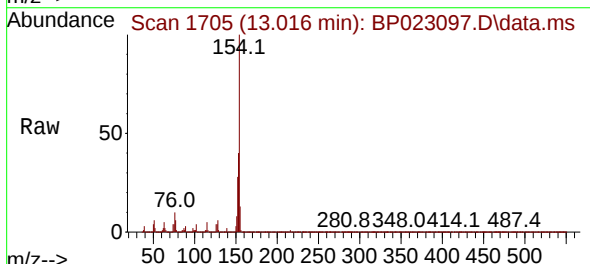
Tgt Ion:154 Resp: 345286

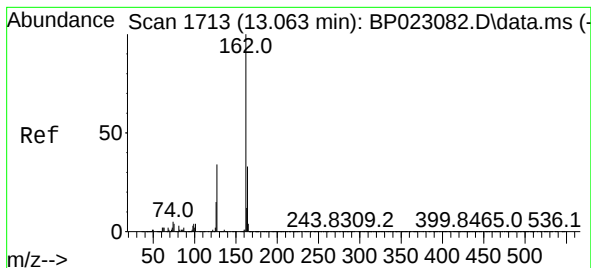
Ion Ratio Lower Upper

154 100

153 40.3 32.0 48.0

76 10.5 8.4 12.6





#44

2-Chloronaphthalene

Concen: 21.509 ng/ul

RT: 13.057 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

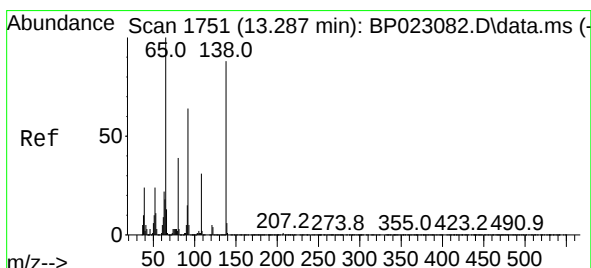
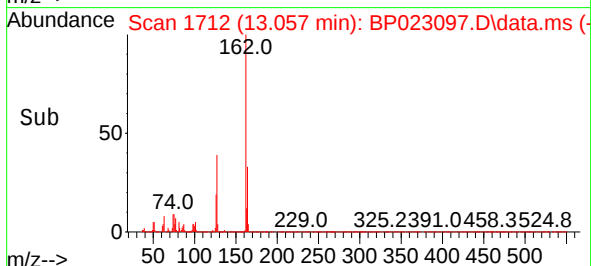
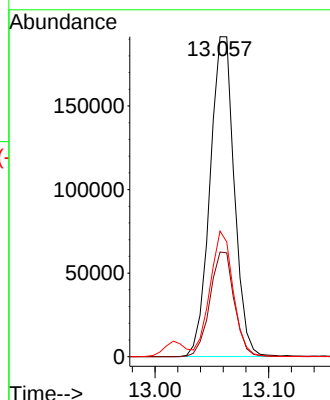
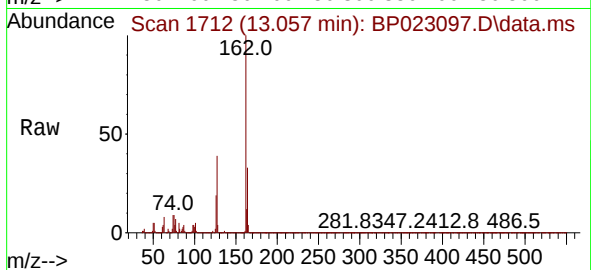
Tgt Ion:162 Resp: 284004

Ion Ratio Lower Upper

162 100

164 32.7 26.6 40.0

127 39.3 30.2 45.2



#45

2-Nitroaniline

Concen: 21.750 ng/ul

RT: 13.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

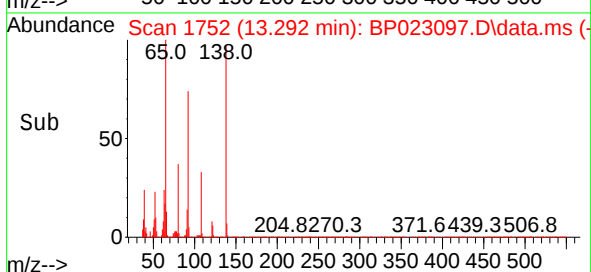
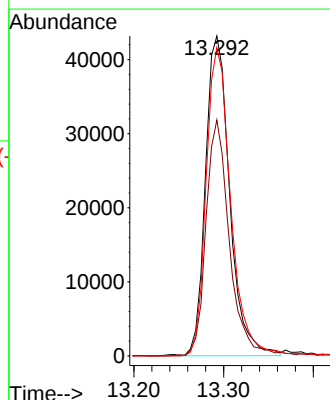
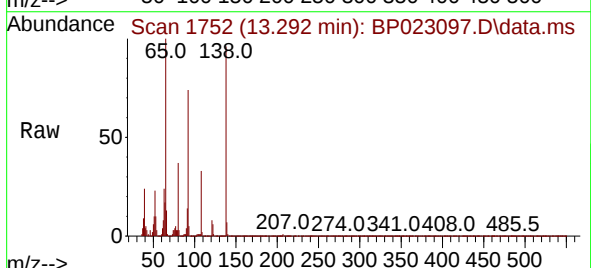
Tgt Ion: 65 Resp: 80638

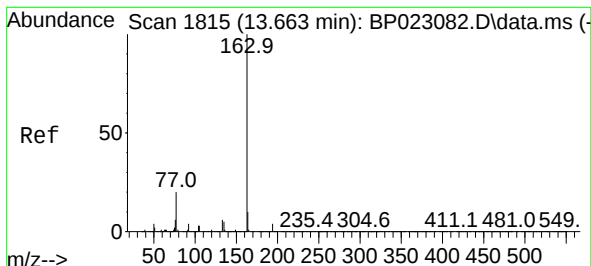
Ion Ratio Lower Upper

65 100

92 73.8 54.2 81.2

138 96.4 65.1 97.7





#47

Dimethylphthalate

Concen: 20.845 ng/ul

RT: 13.663 min Scan# 1815

Delta R.T. 0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

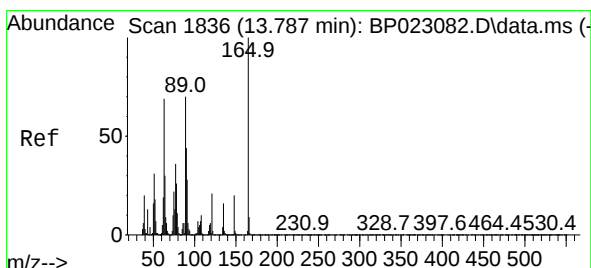
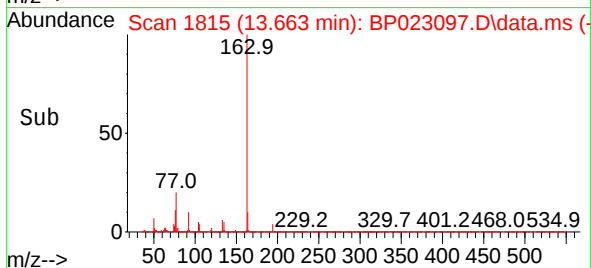
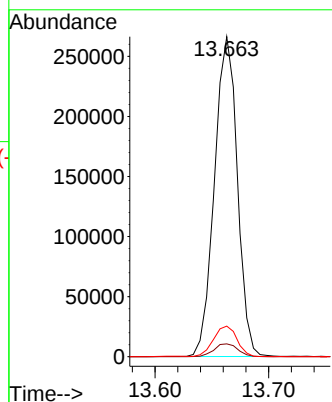
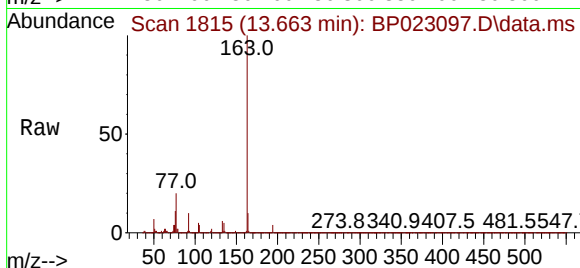
Tgt Ion:163 Resp: 373490

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

164 9.6 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 20.871 ng/ul

RT: 13.781 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

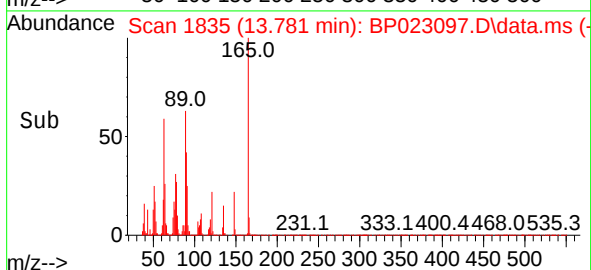
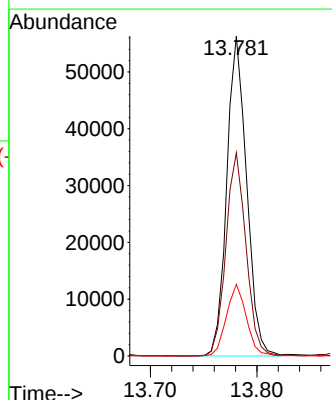
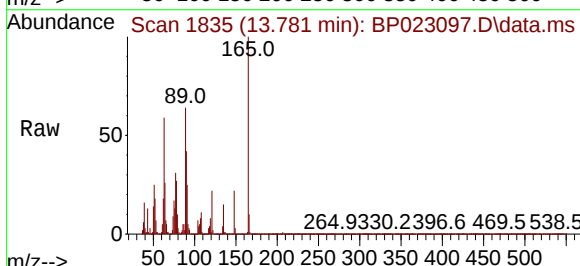
Tgt Ion:165 Resp: 72739

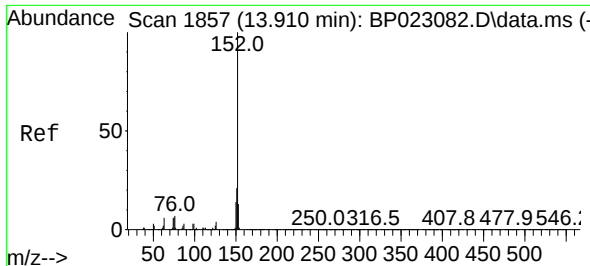
Ion Ratio Lower Upper

165 100

89 63.5 50.6 75.8

121 22.3 15.8 23.8

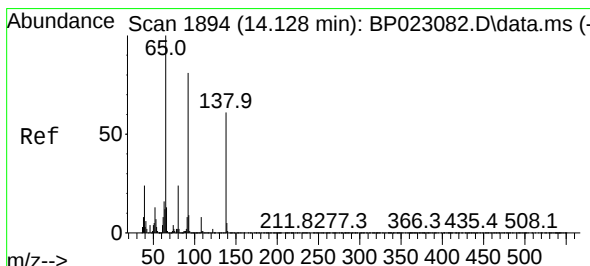
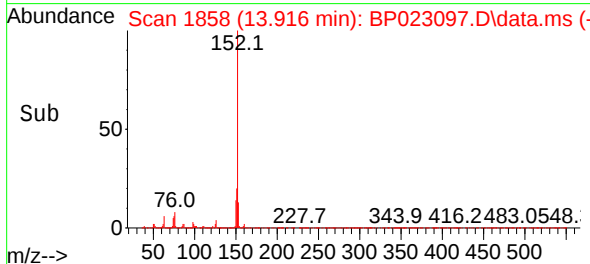
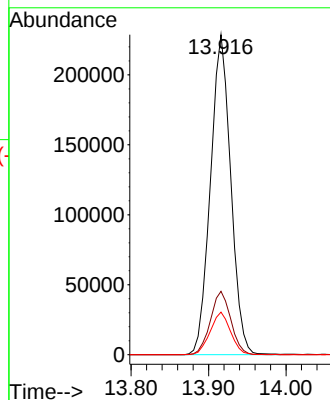
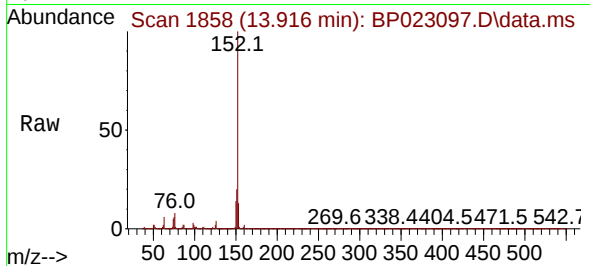




#50
Acenaphthylene
Concen: 21.728 ng/ul
RT: 13.916 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

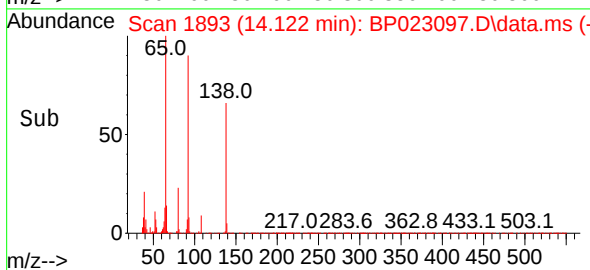
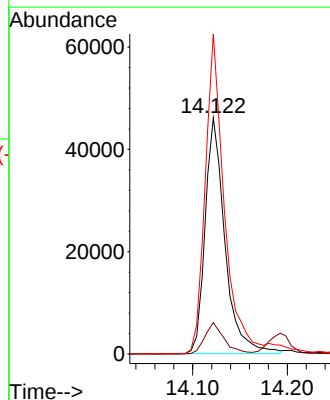
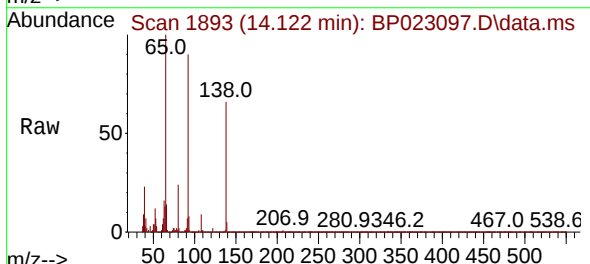
Instrument :
BNA_P
ClientSampleId :

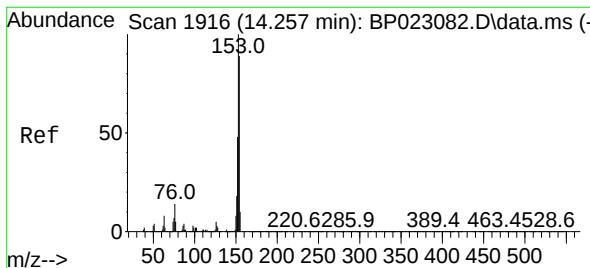
Tgt Ion:152 Resp: 416343
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.2 15.2



#51
3-Nitroaniline
Concen: 22.420 ng/ul
RT: 14.122 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:138 Resp: 67302
Ion Ratio Lower Upper
138 100
108 13.2 12.7 19.1
92 135.5 107.8 161.8





#52

Acenaphthene

Concen: 21.384 ng/ul

RT: 14.263 min Scan# 1916

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

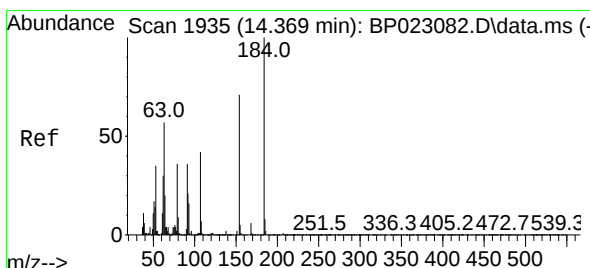
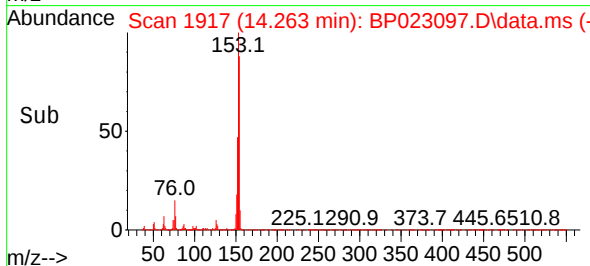
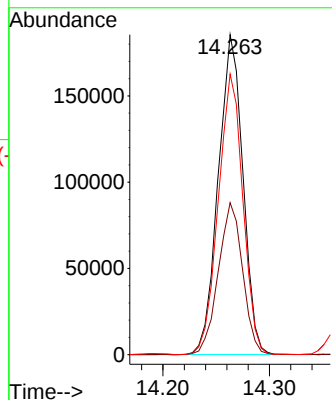
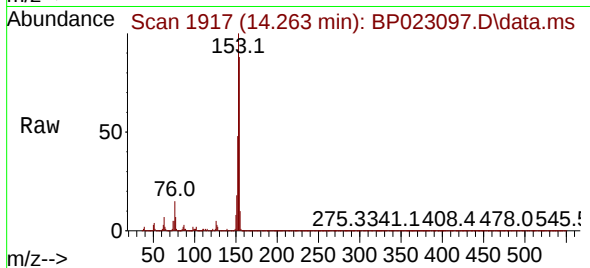
Tgt Ion:153 Resp: 297490

Ion Ratio Lower Upper

153 100

152 47.5 39.6 59.4

154 87.7 70.9 106.3



#53

2,4-Dinitrophenol

Concen: 16.827 ng/ul

RT: 14.363 min Scan# 1934

Delta R.T. 0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

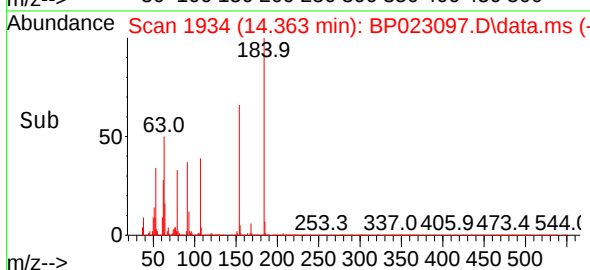
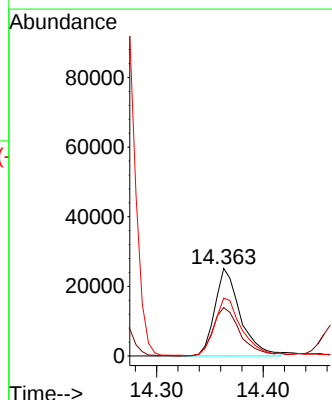
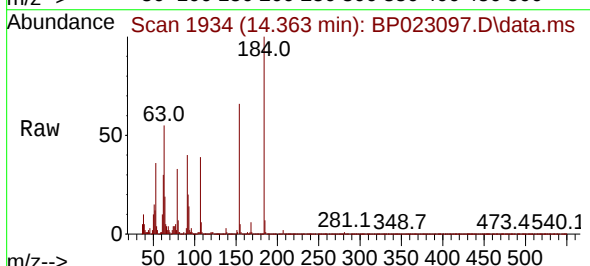
Tgt Ion:184 Resp: 41611

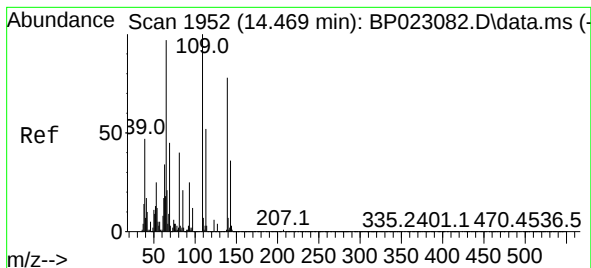
Ion Ratio Lower Upper

184 100

63 55.2 50.1 75.1

154 66.1 58.2 87.4

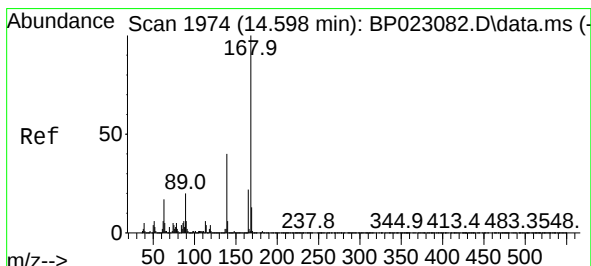
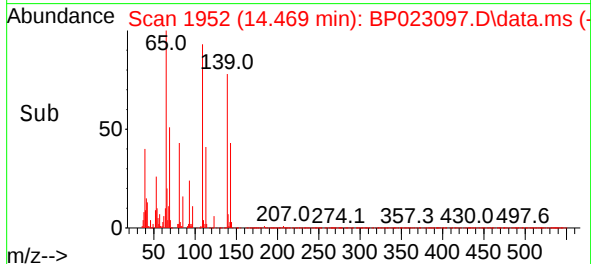
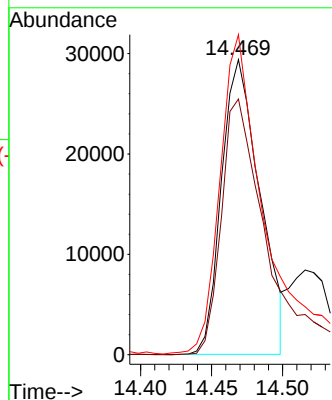
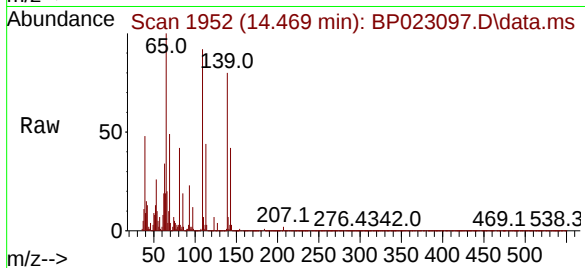




#55
4-Nitrophenol
Concen: 17.244 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

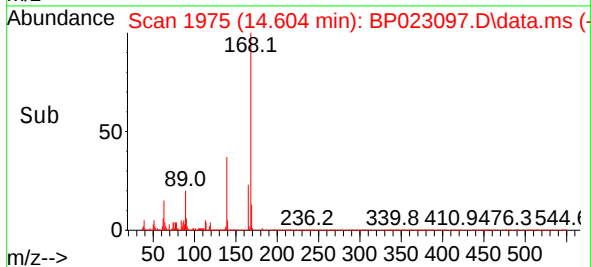
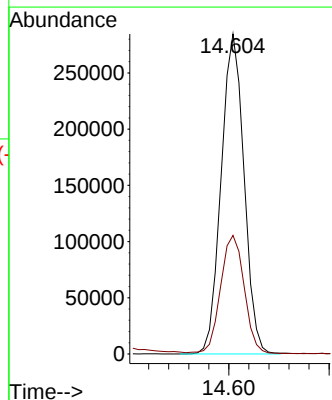
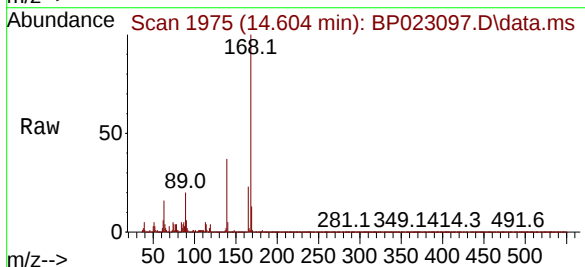
Instrument :
BNA_P
ClientSampleId :

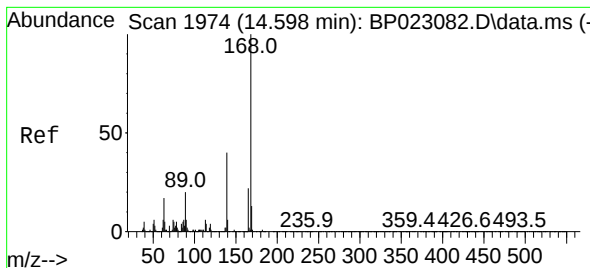
Tgt Ion:109 Resp: 55082
Ion Ratio Lower Upper
109 100
139 86.6 64.6 96.8
65 108.4 80.6 120.8



#56
Dibenzofuran
Concen: 20.942 ng/ul
RT: 14.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:168 Resp: 450132
Ion Ratio Lower Upper
168 100
139 37.1 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 21.278 ng/ul

RT: 14.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

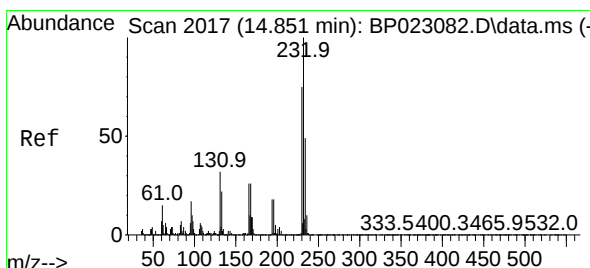
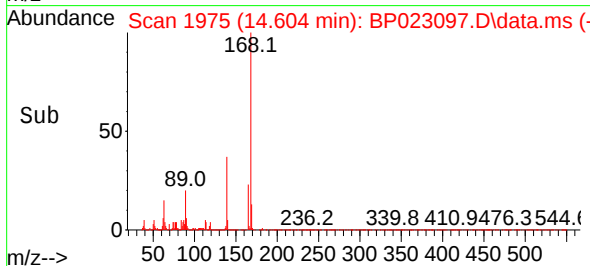
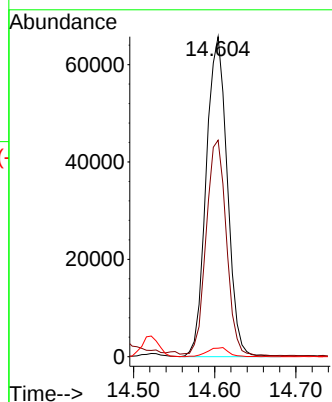
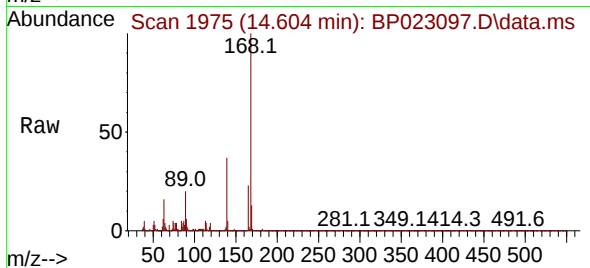
Tgt Ion:165 Resp: 118195

Ion Ratio Lower Upper

165 100

63 67.6 41.3 61.9#

182 2.6 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.212 ng/ul

RT: 14.839 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Tgt Ion:232 Resp: 115834

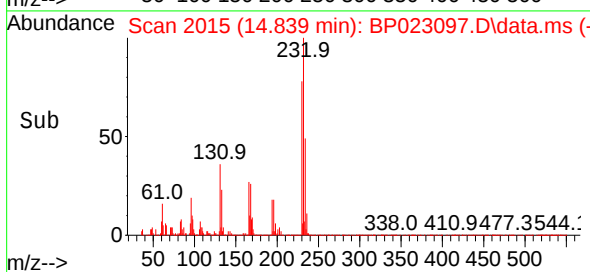
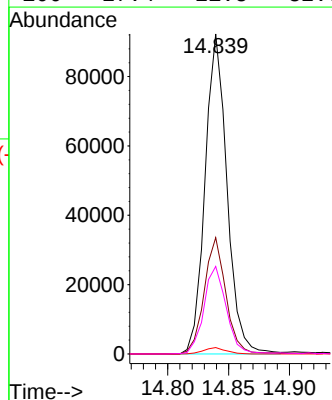
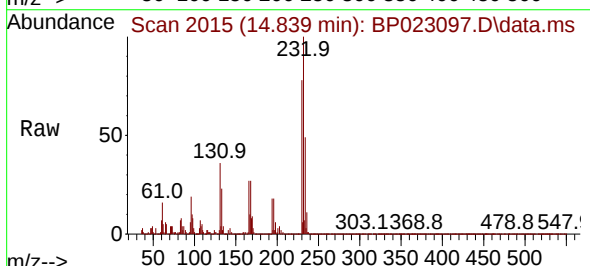
Ion Ratio Lower Upper

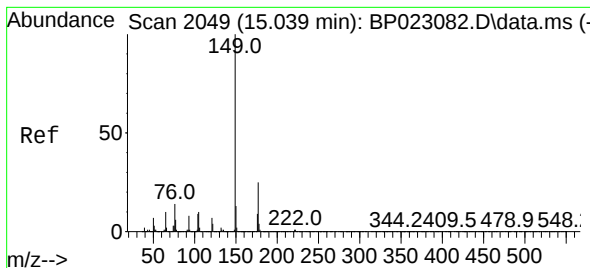
232 100

131 36.4 27.0 40.6

130 2.0 1.9 2.9

166 27.4 21.8 32.6





#59

Diethylphthalate

Concen: 20.694 ng/ul

RT: 15.045 min Scan# 2049

Delta R.T. 0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

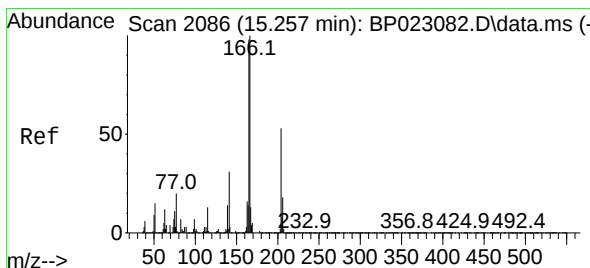
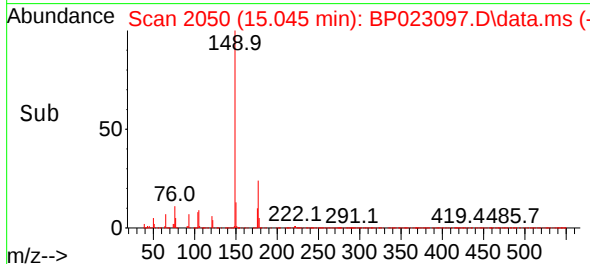
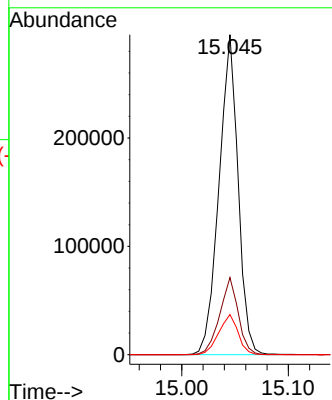
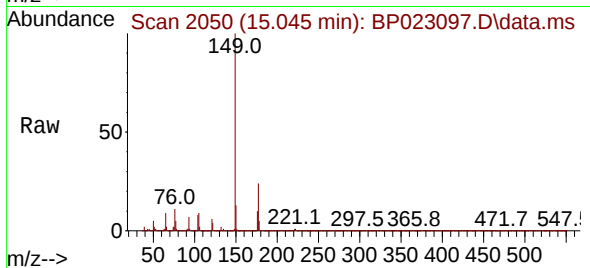
Tgt Ion:149 Resp: 366707

Ion Ratio Lower Upper

149 100

177 24.1 19.7 29.5

150 12.6 9.8 14.6



#61

Fluorene

Concen: 21.002 ng/ul

RT: 15.257 min Scan# 2086

Delta R.T. -0.018 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

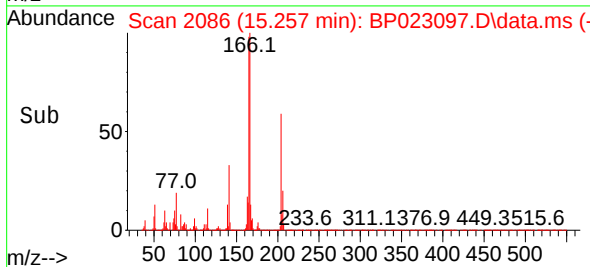
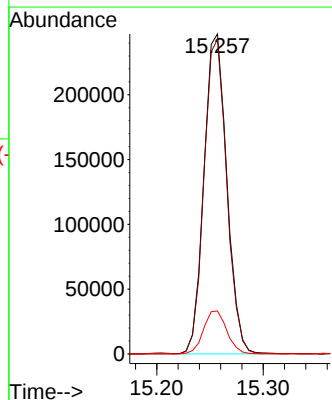
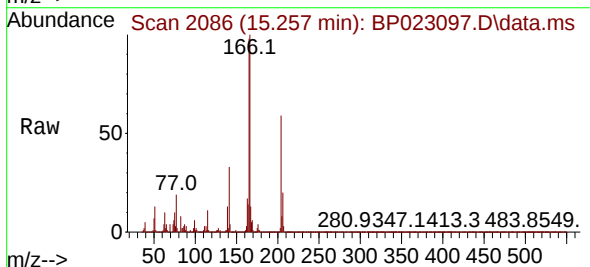
Tgt Ion:166 Resp: 369481

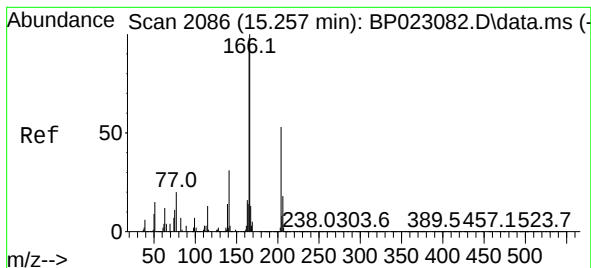
Ion Ratio Lower Upper

166 100

165 98.4 79.5 119.3

167 13.5 10.3 15.5

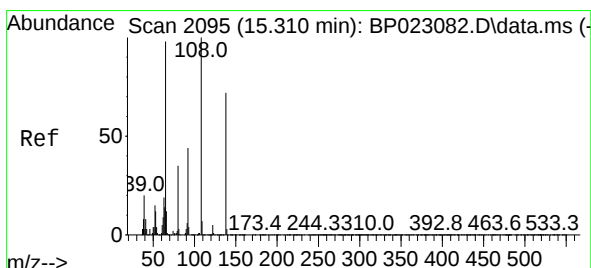
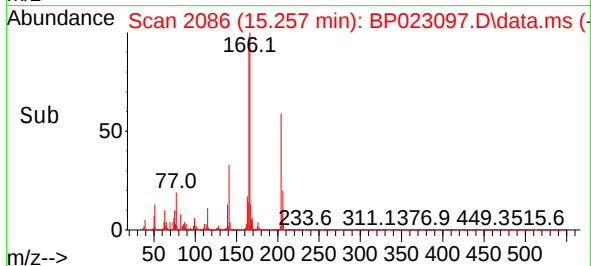
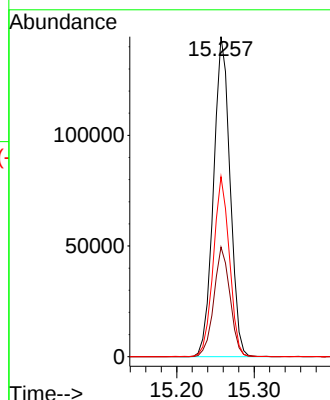
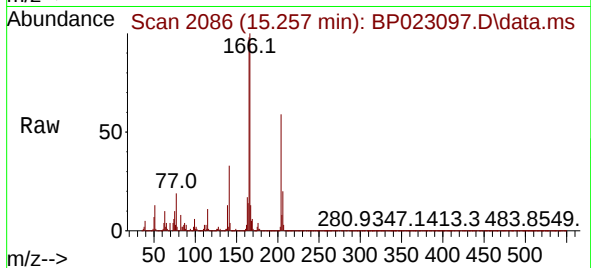




#62
4-Chlorophenyl-phenylether
Concen: 20.763 ng/ul
RT: 15.257 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

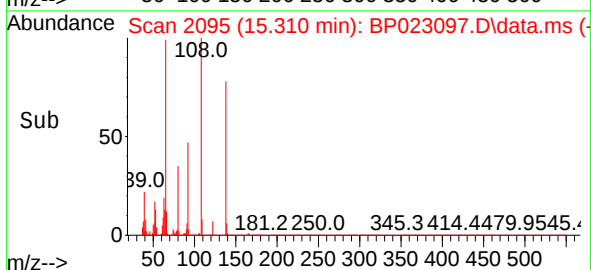
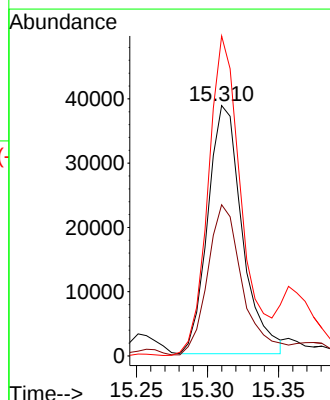
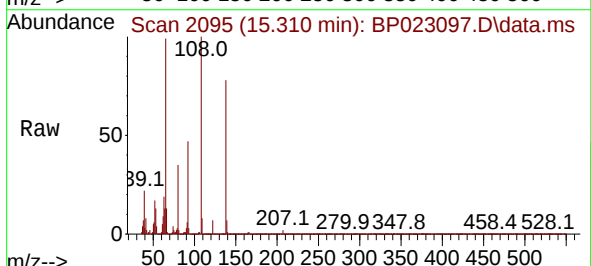
Instrument :
BNA_P
ClientSampleId :

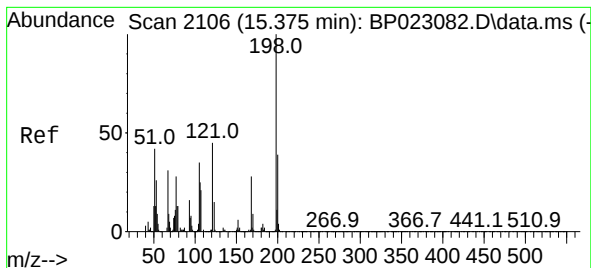
Tgt Ion:204 Resp: 215078
Ion Ratio Lower Upper
204 100
206 34.3 27.2 40.8
141 56.2 44.6 66.8



#63
4-Nitroaniline
Concen: 23.314 ng/ul
RT: 15.310 min Scan# 2095
Delta R.T. -0.012 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:138 Resp: 65121
Ion Ratio Lower Upper
138 100
92 60.4 53.9 80.9
108 127.8 106.6 159.8

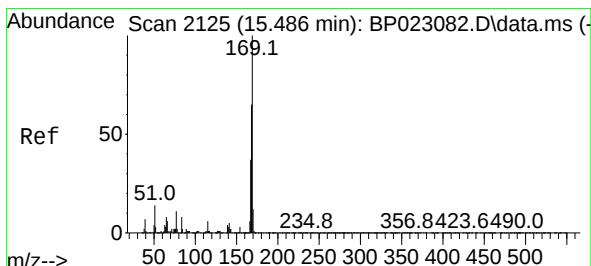
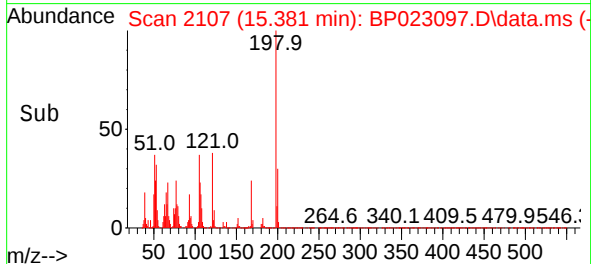
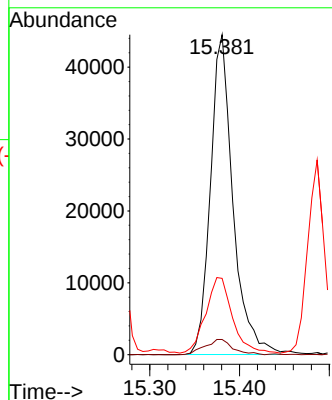
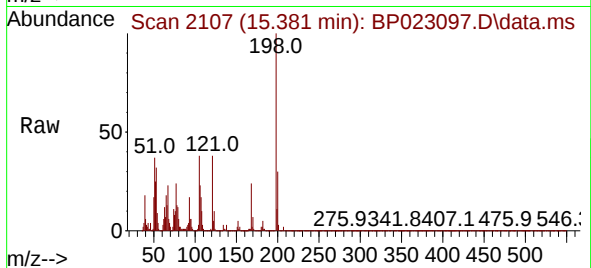




#66
4,6-Dinitro-2-methylphenol
Concen: 19.361 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

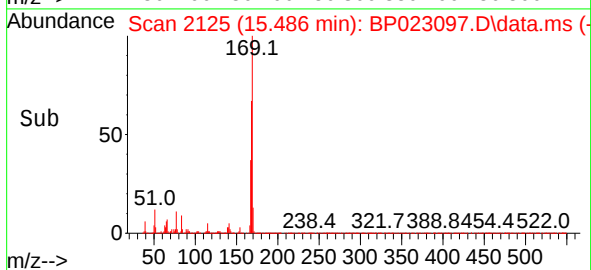
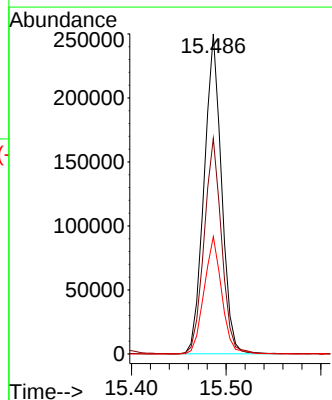
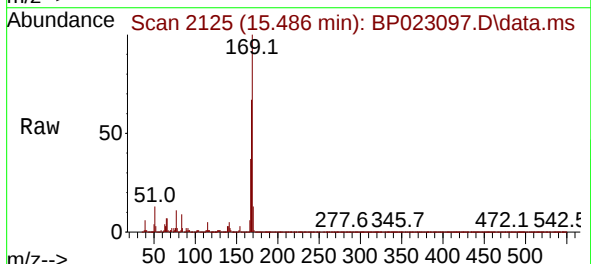
Instrument :
BNA_P
ClientSampleId :

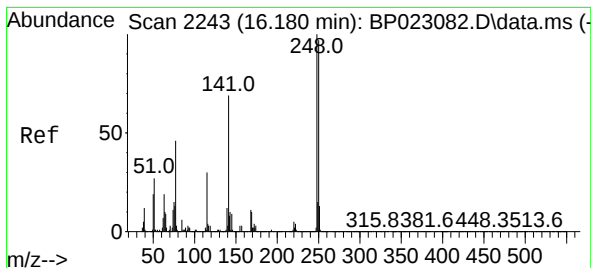
Tgt Ion:198 Resp: 77530
Ion Ratio Lower Upper
198 100
182 4.8 3.8 5.8
77 23.9 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 22.095 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:169 Resp: 319487
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 36.7 29.4 44.2

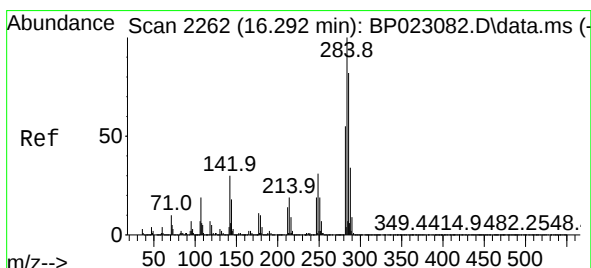
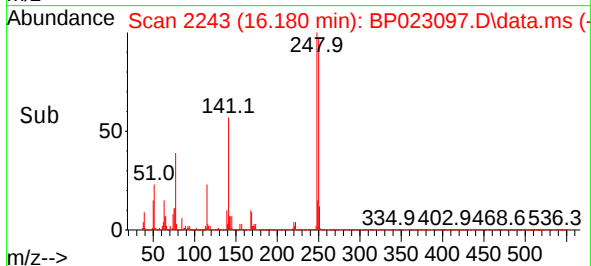
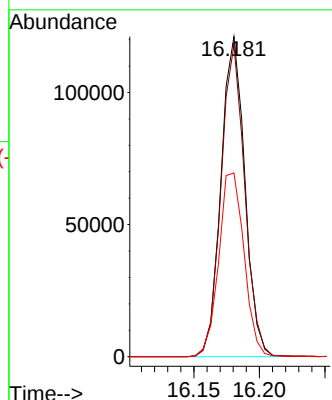
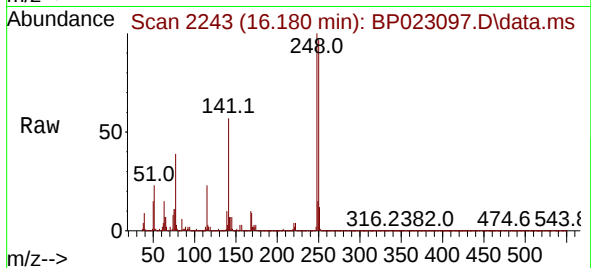




#68
4-Bromophenyl-phenylether
Concen: 21.538 ng/ul
RT: 16.180 min Scan# 2243
Delta R.T. 0.006 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

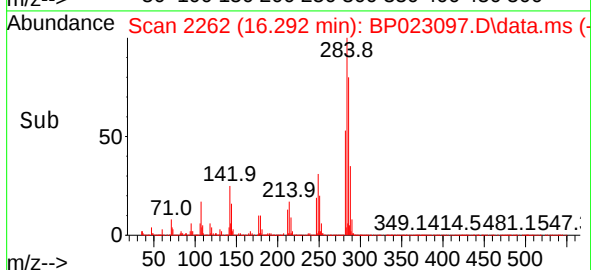
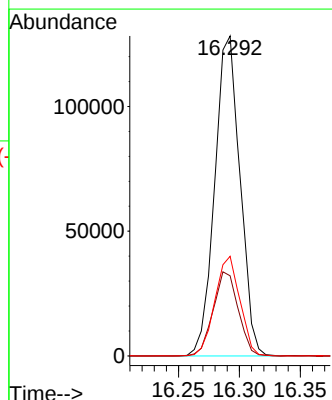
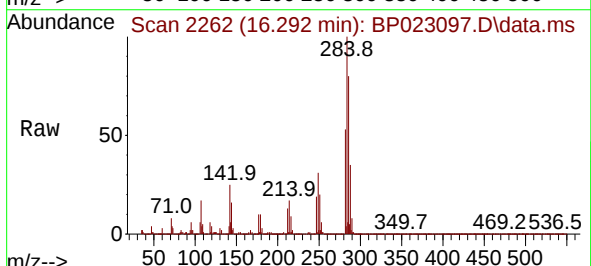
Instrument :
BNA_P
ClientSampleId :

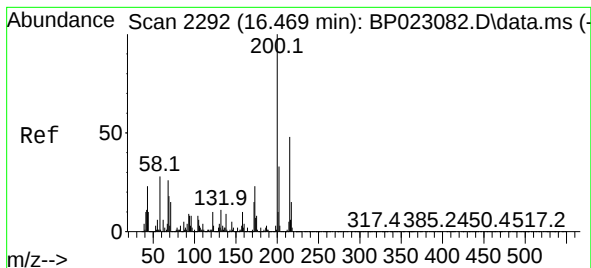
Tgt Ion:248 Resp: 152623
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 57.4 50.7 76.1



#69
Hexachlorobenzene
Concen: 20.765 ng/ul
RT: 16.292 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:284 Resp: 185239
Ion Ratio Lower Upper
284 100
142 25.0 21.5 32.3
249 31.2 25.6 38.4





#70

Atrazine

Concen: 21.126 ng/ul

RT: 16.469 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

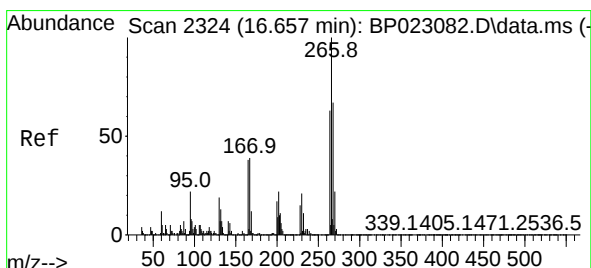
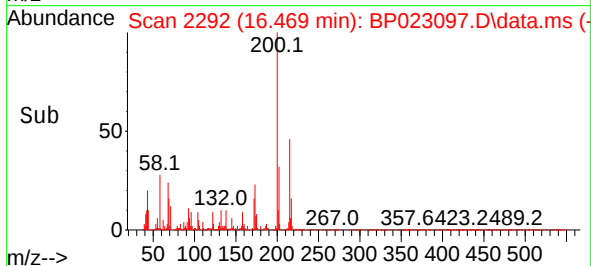
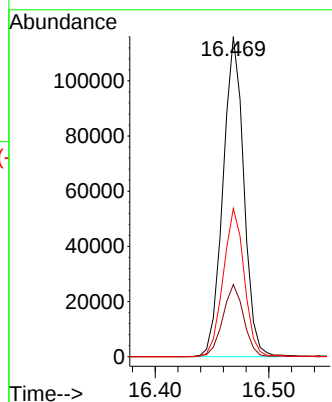
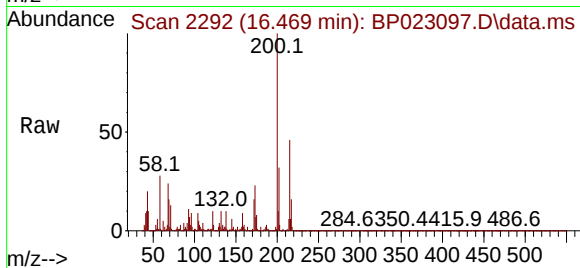
Tgt Ion:200 Resp: 147663

Ion Ratio Lower Upper

200 100

173 22.6 18.6 27.8

215 46.3 38.3 57.5



#71

Pentachlorophenol

Concen: 20.183 ng/ul

RT: 16.657 min Scan# 2324

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

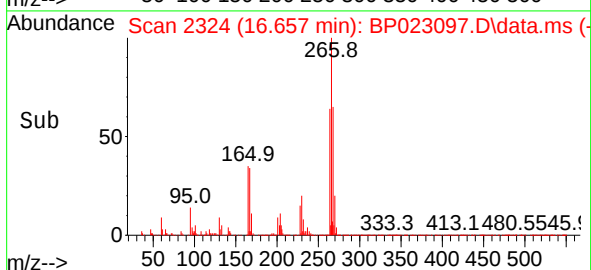
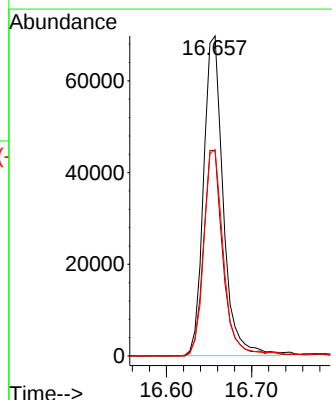
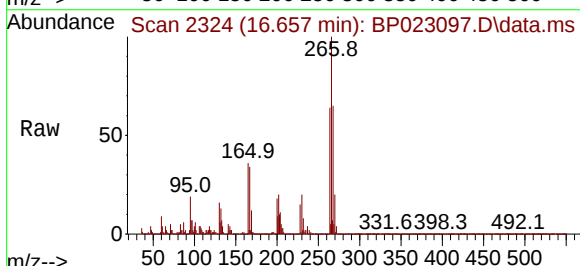
Tgt Ion:266 Resp: 111783

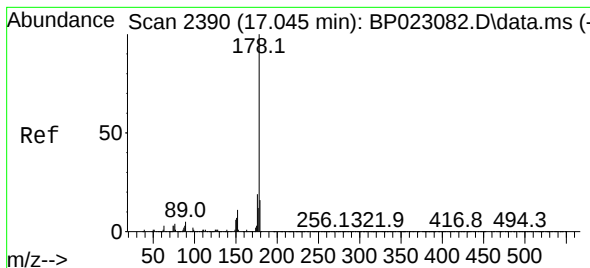
Ion Ratio Lower Upper

266 100

264 64.1 50.7 76.1

268 64.5 51.9 77.9





#72

Phenanthrene

Concen: 21.665 ng/ul

RT: 17.039 min Scan# 2389

Delta R.T. -0.018 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

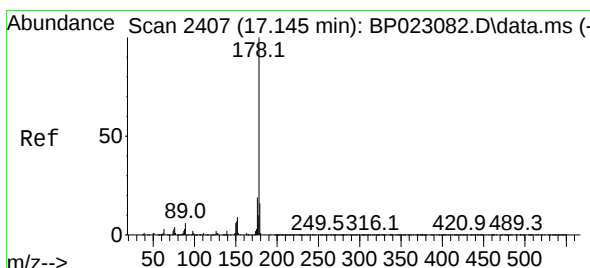
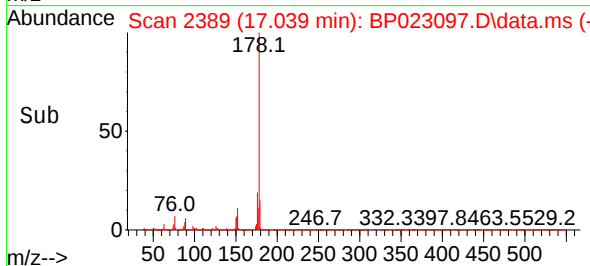
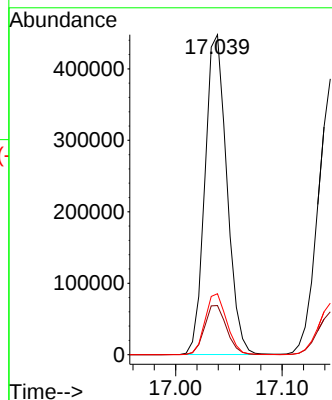
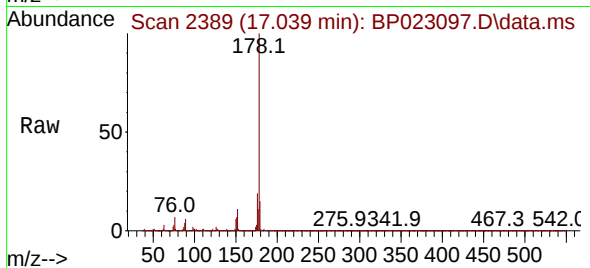
Tgt Ion:178 Resp: 640093

Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

176 19.0 15.4 23.2



#74

Anthracene

Concen: 21.808 ng/ul

RT: 17.145 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

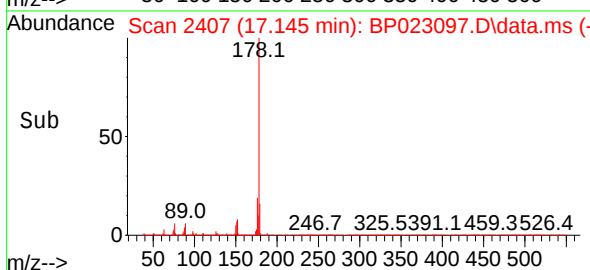
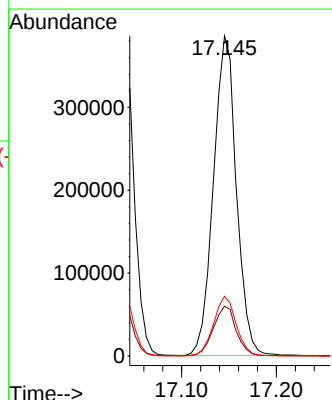
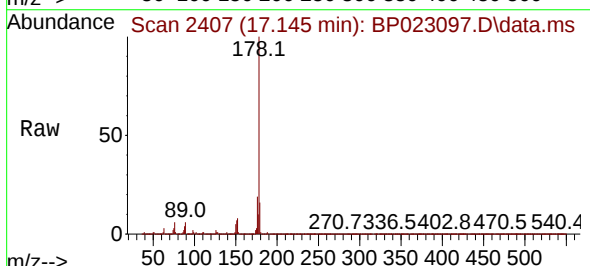
Tgt Ion:178 Resp: 647824

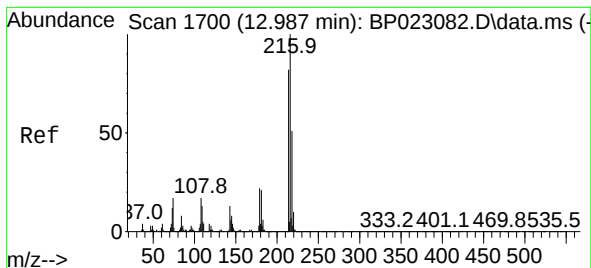
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.6 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.920 ng/uL

RT: 12.987 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

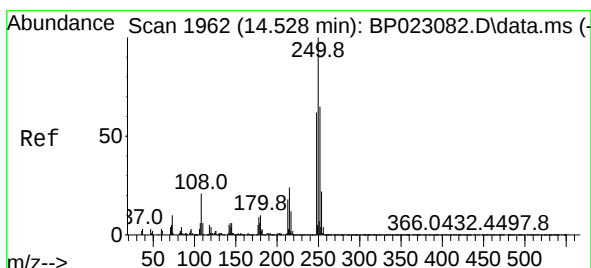
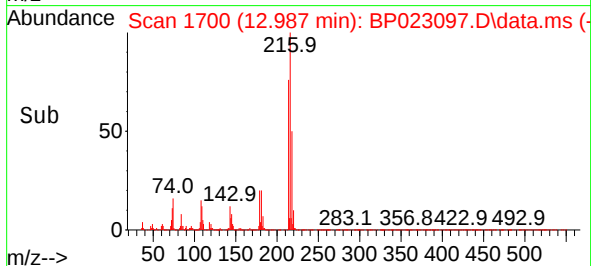
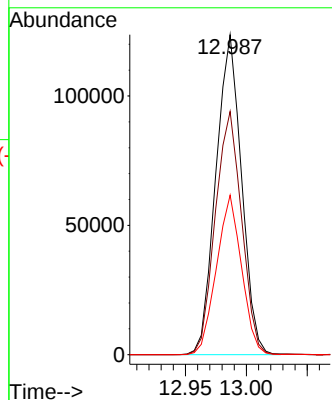
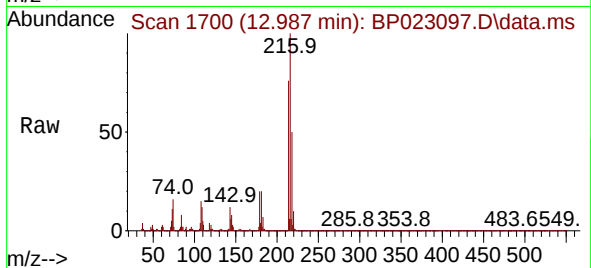
Tgt Ion:216 Resp: 181101

Ion Ratio Lower Upper

216 100

214 76.0 60.2 90.2

218 49.9 38.1 57.1



#76

Pentachlorobenzene

Concen: 21.559 ng/uL

RT: 14.522 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

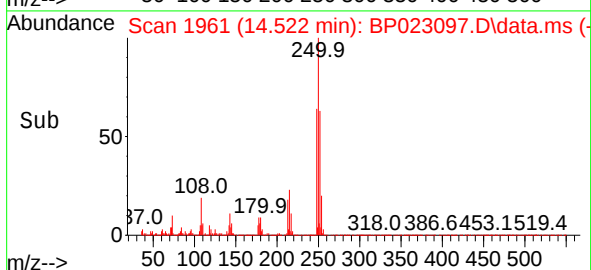
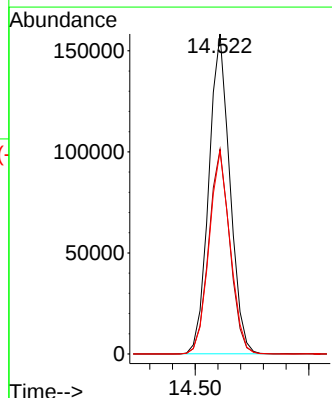
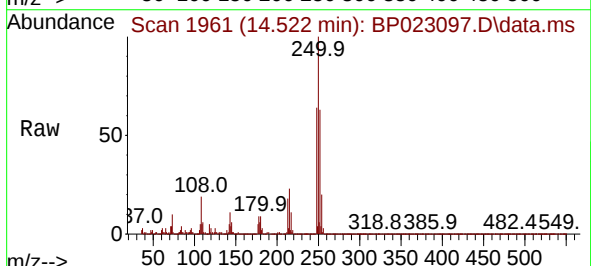
Tgt Ion:250 Resp: 203385

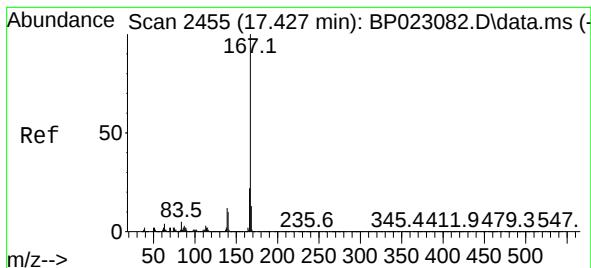
Ion Ratio Lower Upper

250 100

248 64.0 52.2 78.2

252 63.4 50.1 75.1





#77

Carbazole

Concen: 22.202 ng/ul

RT: 17.427 min Scan# 2455

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

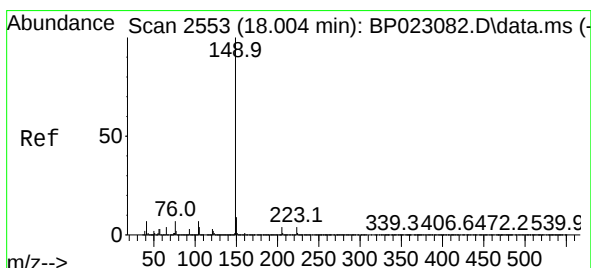
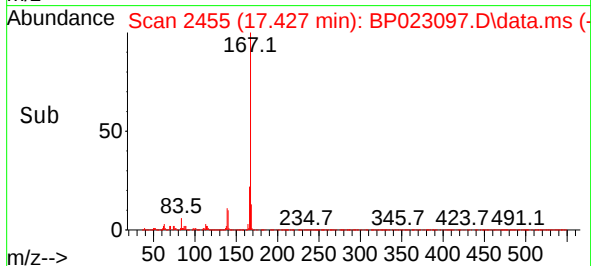
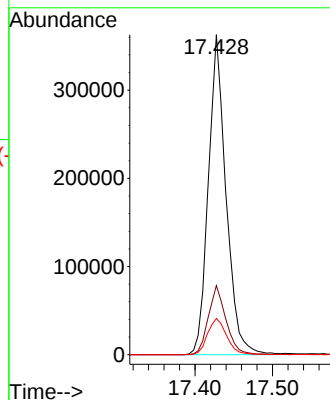
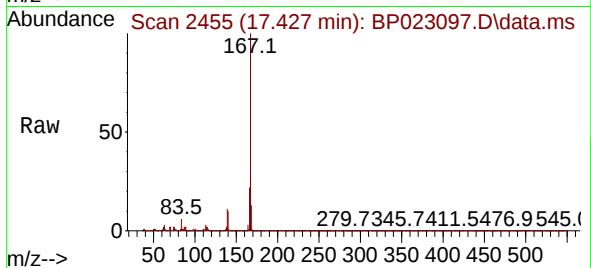
Tgt Ion:167 Resp: 575391

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 11.3 9.6 14.4



#78

Di-n-butylphthalate

Concen: 21.282 ng/ul

RT: 18.004 min Scan# 2553

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

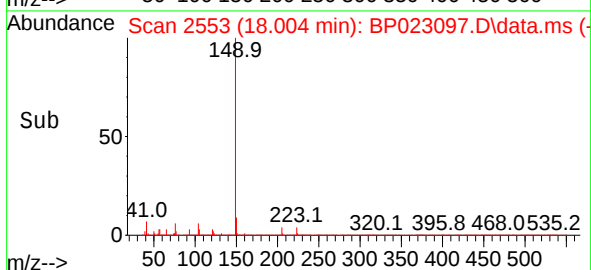
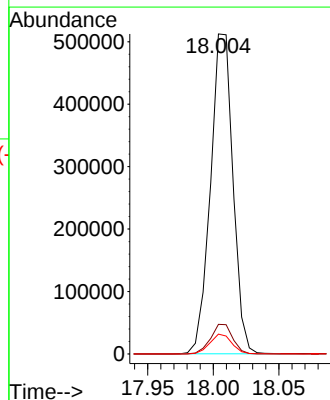
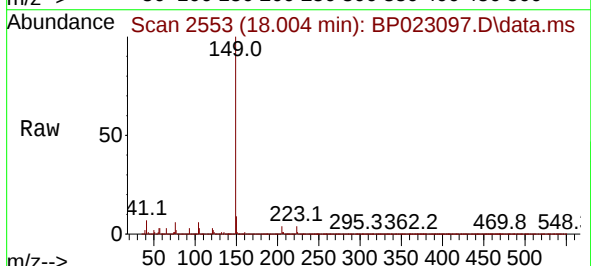
Tgt Ion:149 Resp: 612075

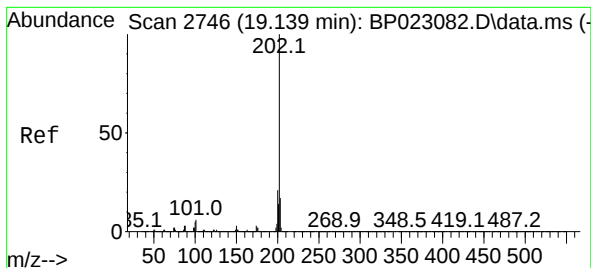
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 6.2 5.0 7.4





#80

Fluoranthene

Concen: 21.468 ng/ul

RT: 19.139 min Scan# 2746

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

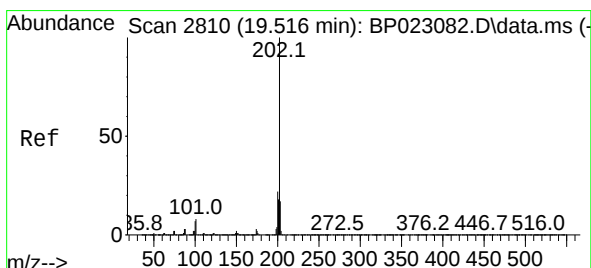
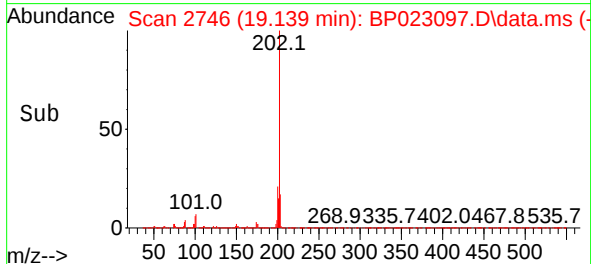
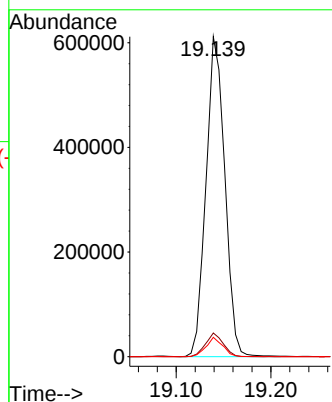
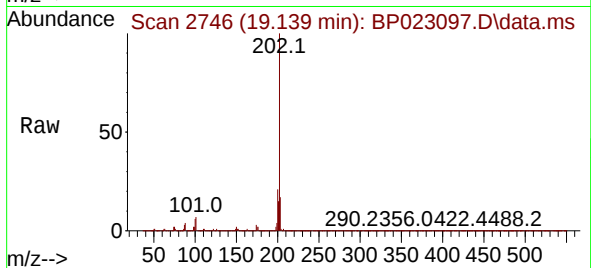
Tgt Ion:202 Resp: 845385

Ion Ratio Lower Upper

202 100

101 7.4 5.2 7.8

100 6.1 4.1 6.1



#82

Pyrene

Concen: 21.006 ng/ul

RT: 19.522 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

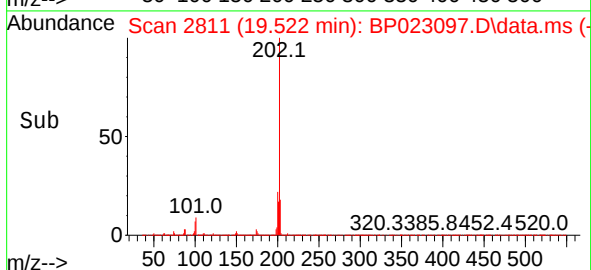
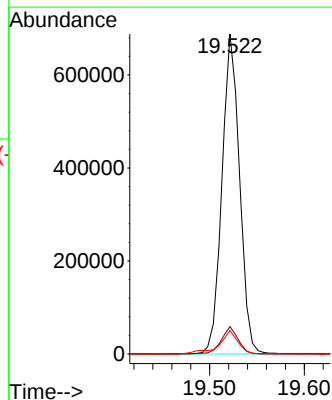
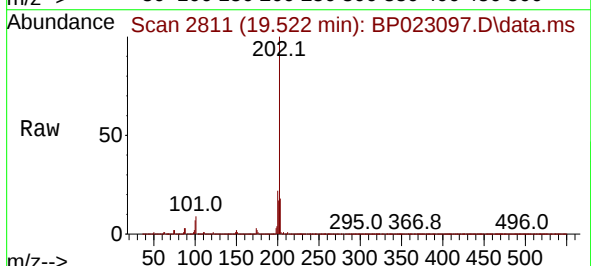
Tgt Ion:202 Resp: 888616

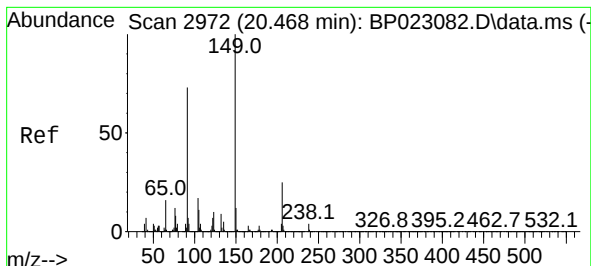
Ion Ratio Lower Upper

202 100

101 8.5 6.2 9.2

100 7.4 4.9 7.3#





#83

Butylbenzylphthalate

Concen: 21.962 ng/ul

RT: 20.469 min Scan# 2972

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

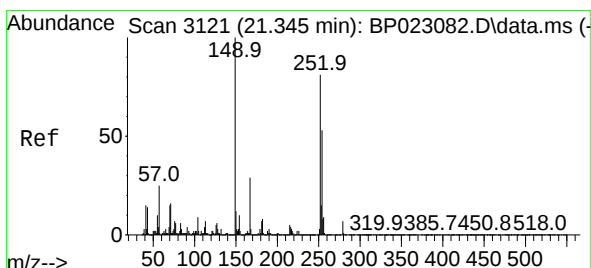
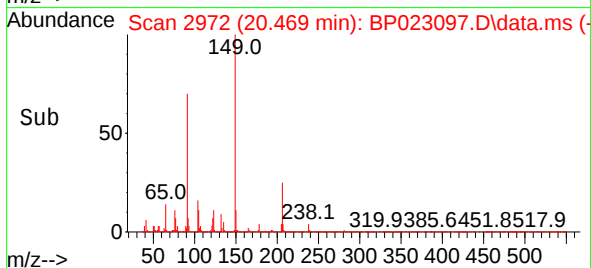
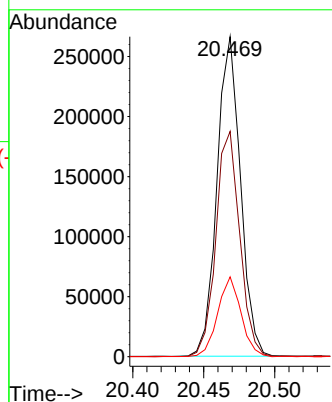
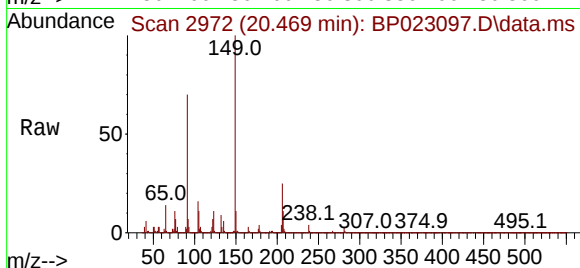
Tgt Ion:149 Resp: 305884

Ion Ratio Lower Upper

149 100

91 70.4 55.6 83.4

206 24.9 20.2 30.2



#84

3,3'-Dichlorobenzidine

Concen: 21.432 ng/ul

RT: 21.339 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

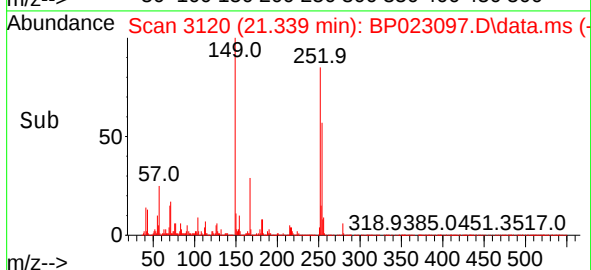
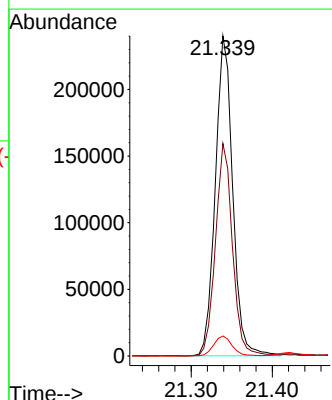
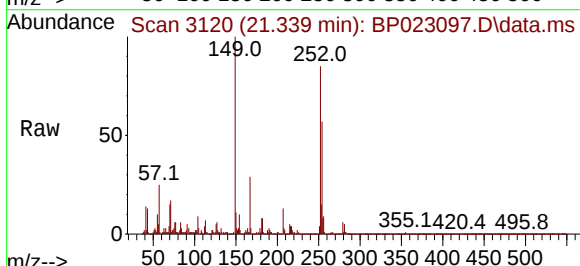
Tgt Ion:252 Resp: 357001

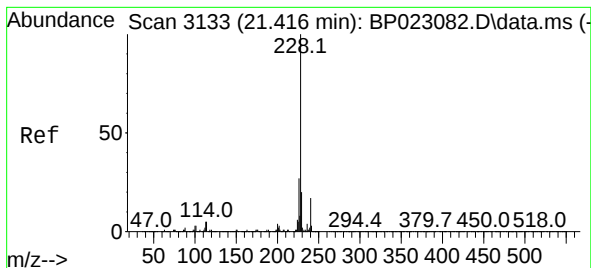
Ion Ratio Lower Upper

252 100

254 66.4 52.0 78.0

126 6.3 5.0 7.6





#85

Benzo(a)anthracene

Concen: 21.666 ng/ul

RT: 21.421 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

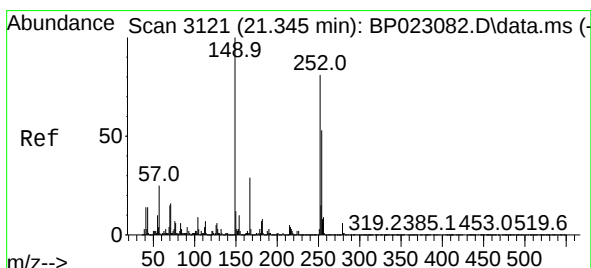
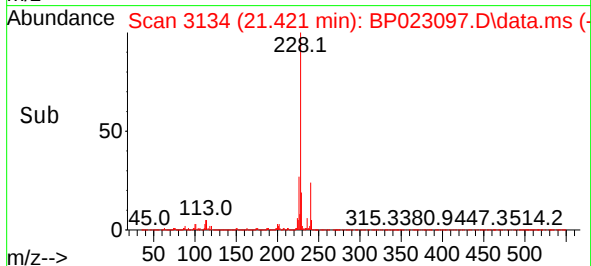
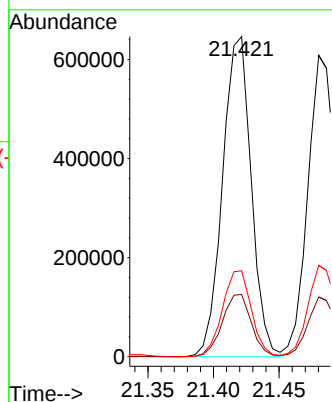
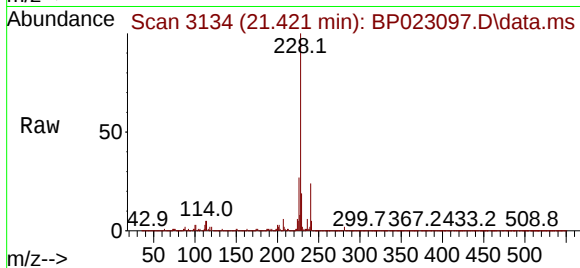
Tgt Ion:228 Resp: 981757

Ion Ratio Lower Upper

228 100

229 19.5 15.5 23.3

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.477 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

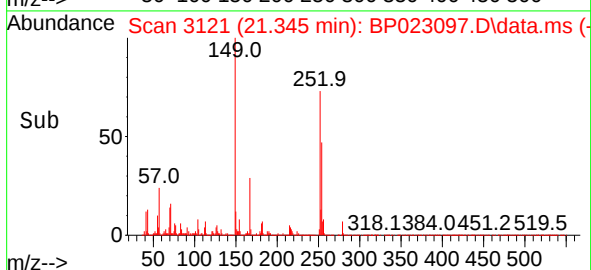
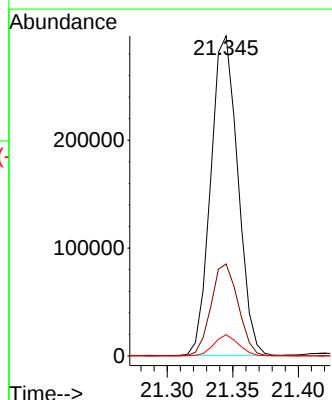
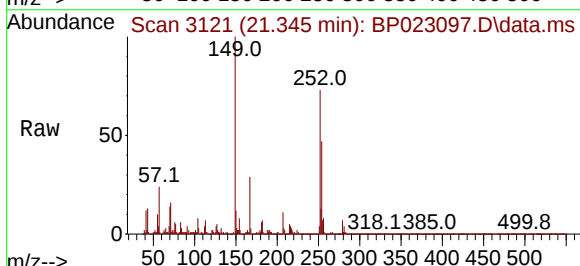
Tgt Ion:149 Resp: 425082

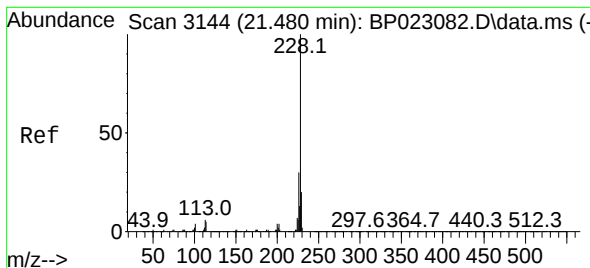
Ion Ratio Lower Upper

149 100

167 28.7 24.5 36.7

279 6.6 5.5 8.3





#87

Chrysene

Concen: 21.063 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. -0.006 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

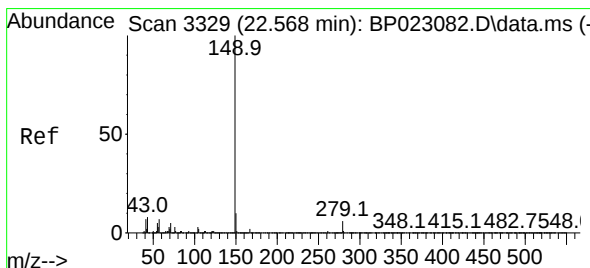
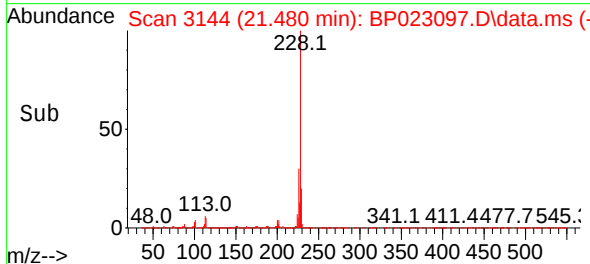
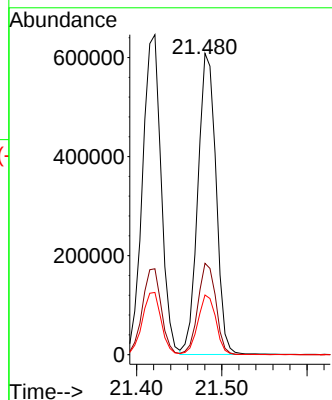
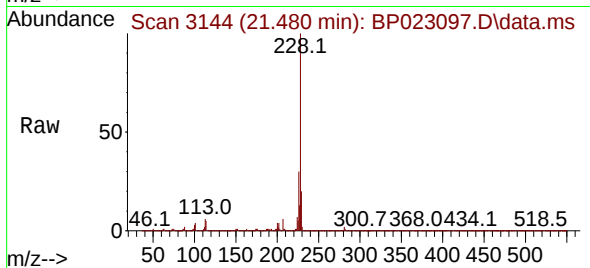
Tgt Ion:228 Resp: 898054

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 19.8 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 21.274 ng/ul

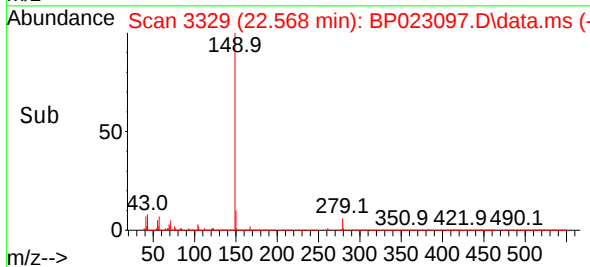
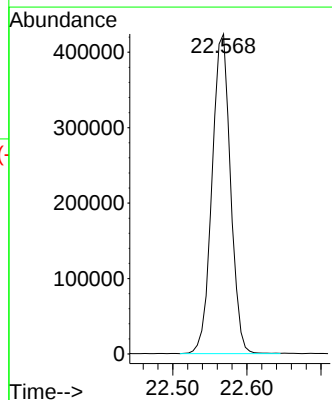
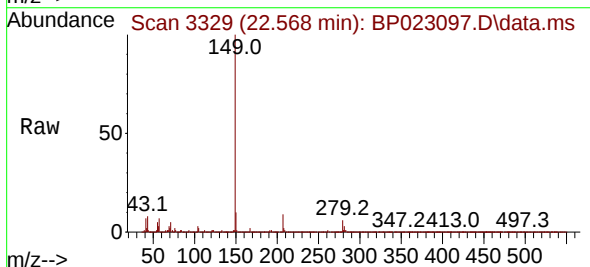
RT: 22.568 min Scan# 3329

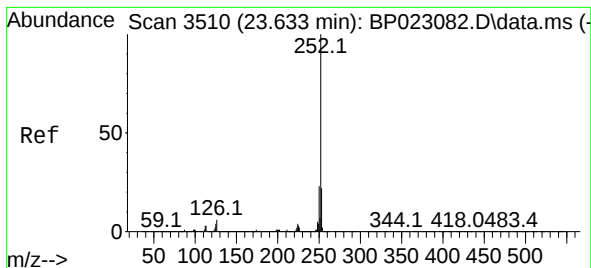
Delta R.T. -0.000 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Tgt Ion:149 Resp: 733132





#90

Benzo(b)fluoranthene

Concen: 22.143 ng/ul

RT: 23.627 min Scan# 3509

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

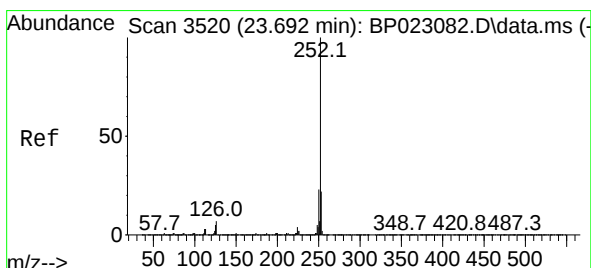
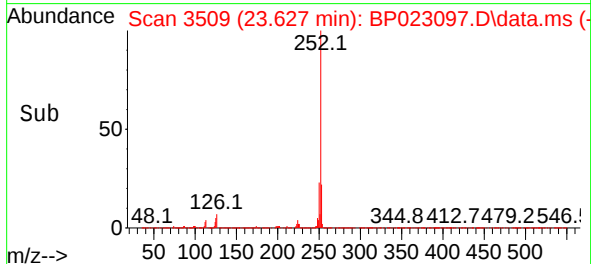
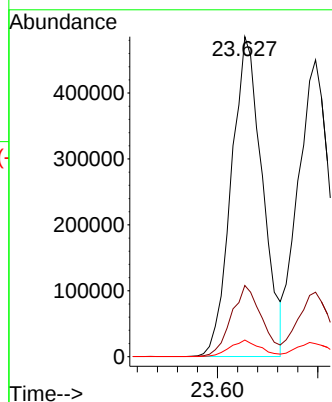
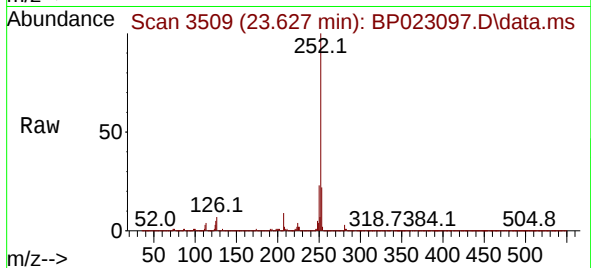
Tgt Ion:252 Resp: 1046901

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 5.2 3.7 5.5



#91

Benzo(k)fluoranthene

Concen: 21.654 ng/ul

RT: 23.698 min Scan# 3521

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

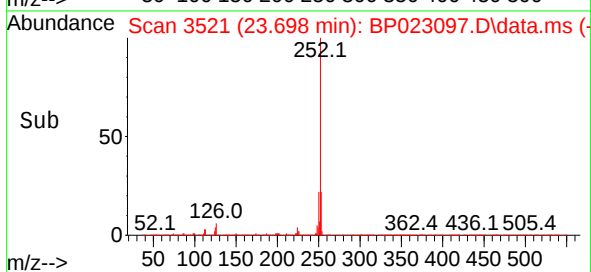
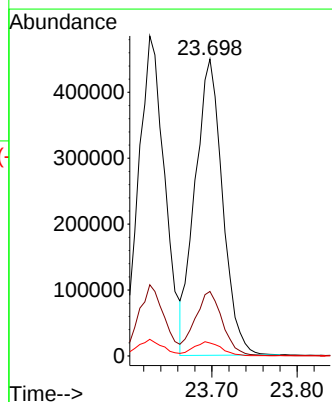
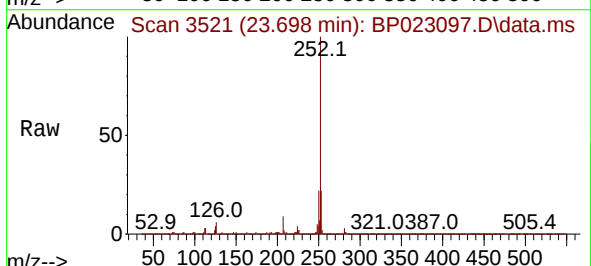
Tgt Ion:252 Resp: 1007835

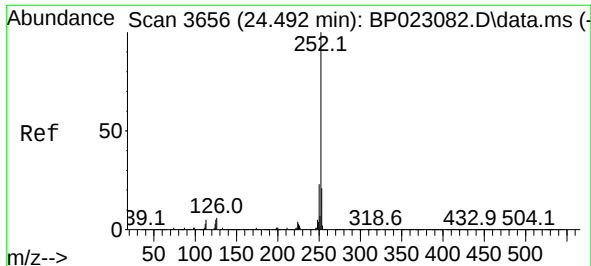
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

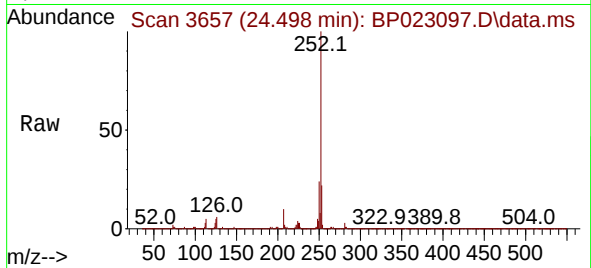
125 4.4 3.0 4.4



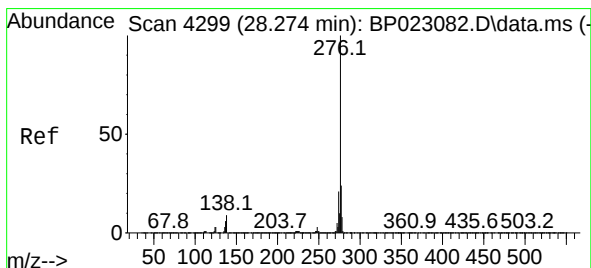
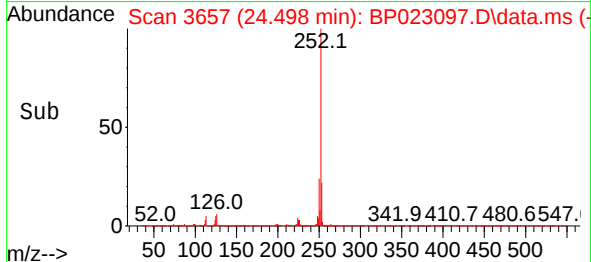
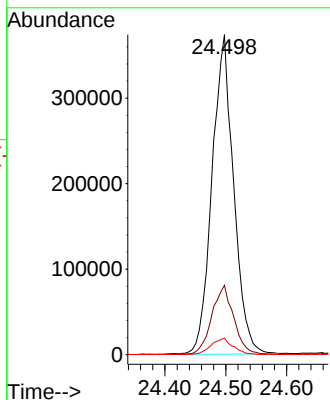


#93
Benzo(a)pyrene
Concen: 21.534 ng/ul
RT: 24.498 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Instrument :
BNA_P
ClientSampleId :

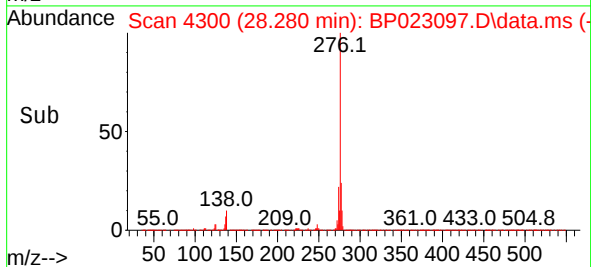
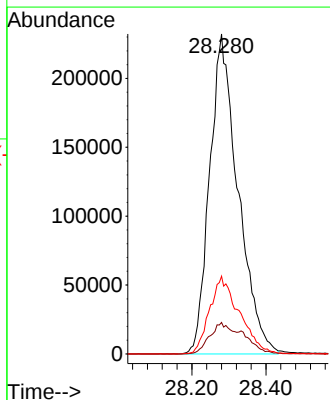
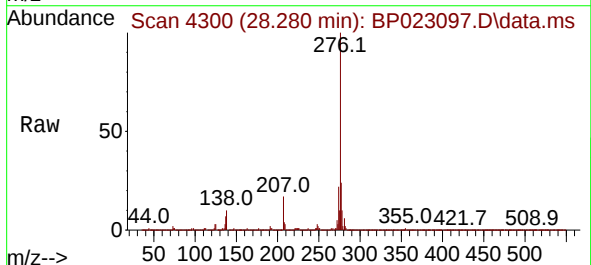


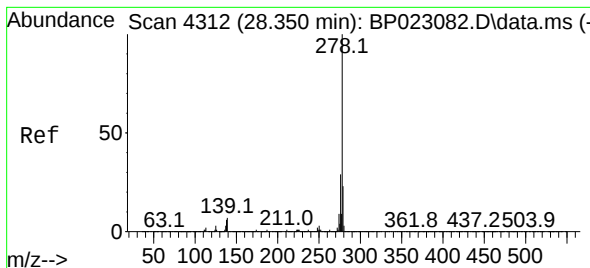
Tgt Ion:252 Resp: 920312
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 5.2 4.2 6.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.679 ng/ul
RT: 28.280 min Scan# 4300
Delta R.T. -0.024 min
Lab File: BP023097.D
Acq: 14 Nov 2024 02:18

Tgt Ion:276 Resp: 1231341
Ion Ratio Lower Upper
276 100
138 9.9 7.0 10.4
277 24.3 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 20.589 ng/ul

RT: 28.333 min Scan# 4410

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Instrument :

BNA_P

ClientSampleId :

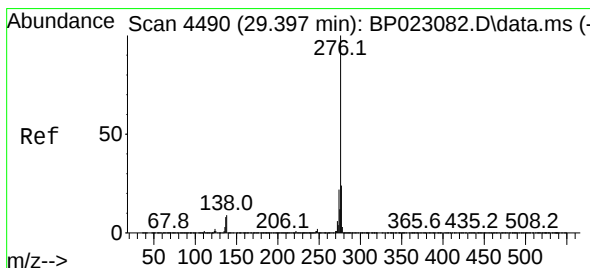
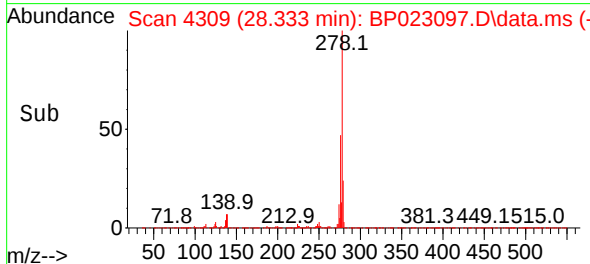
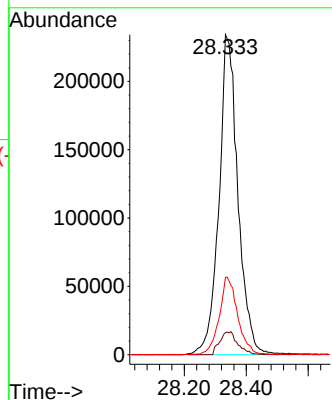
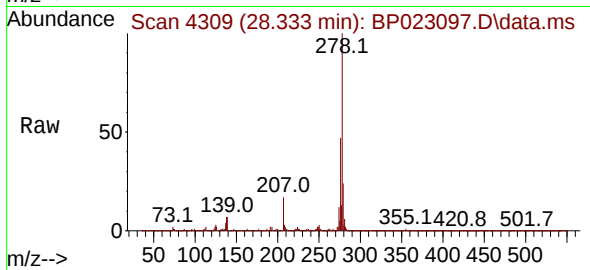
Tgt Ion:278 Resp: 995414

Ion Ratio Lower Upper

278 100

139 7.0 5.4 8.0

279 24.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 20.822 ng/ul

RT: 29.415 min Scan# 4493

Delta R.T. -0.012 min

Lab File: BP023097.D

Acq: 14 Nov 2024 02:18

Tgt Ion:276 Resp: 941731

Ion Ratio Lower Upper

276 100

138 10.3 7.1 10.7

277 23.0 19.4 29.2

