

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP011001.D
 Acq On : 18 Jul 2022 19:53
 Operator : CG/JU
 Sample : N3753-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 19 00:46:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	340450	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1436674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	793334	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.110	188	1600144	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.227	240	1502334	20.000	ng/u1	#-0.01
88) Perylene-d12	23.580	264	1553414	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	44299	4.691	ng/uL	0.00
4) Pyridine-d5	3.593	84	236931	9.707	ng/u1	0.00
7) Phenol-d5	6.858	99	197819	7.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	694415	38.642	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	653952	28.960	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	382771	17.109	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	412603	39.409	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	384944	37.157	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	660465	34.860	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	914462	29.278	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	2297760	42.377	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2686912	42.000	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	75398	6.871	ng/u1	0.00
60) Fluorene-d10	15.345	176	1888596	40.977	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	328372	41.472	ng/u1	0.00
73) Anthracene-d10	17.210	188	2990646	43.963	ng/u1	0.00
81) Pyrene-d10	19.463	212	3420005	43.345	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.433	264	3367338	45.133	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	57923	5.846	ng/uL#	90
5) Pyridine	3.611	79	273817	10.885	ng/u1#	78
6) Benzaldehyde	6.828	77	759417	55.945	ng/u1	99
8) Phenol	6.887	94	238015	8.012	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.116	93	982737	41.684	ng/u1	89
12) 2-Chlorophenol	7.246	128	738768	31.650	ng/u1	93
13) 2-Methylphenol	8.128	108	497042	22.626	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	1385538	42.968	ng/u1#	97
16) Acetophenone	8.510	105	1411711	41.683	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.499	70	712416	41.923	ng/u1	92
18) 4-Methylphenol	8.457	108	448867	19.137	ng/u1	97
19) Hexachloroethane	8.752	117	390074	42.228	ng/u1#	80
22) Nitrobenzene	8.887	77	1078354	43.797	ng/u1	93
23) Isophorone	9.416	82	1942369	42.151	ng/u1	98
25) 2-Nitrophenol	9.593	139	469668	40.388	ng/u1#	83
26) 2,4-Dimethylphenol	9.657	107	742433	30.191	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.904	93	1251285	41.032	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	706077	36.006	ng/u1	99
30) Naphthalene	10.522	128	3029056	41.374	ng/u1	99
32) 4-Chloroaniline	10.646	127	998593	32.323	ng/u1	99
33) Hexachlorobutadiene	10.810	225	456822	40.020	ng/u1	97
34) Caprolactam	11.451	113	28042	4.080	ng/u1	89
35) 4-Chloro-3-methylphenol	11.775	107	717537	32.377	ng/u1	97
36) 2-Methylnaphthalene	12.146	142	1921902	40.493	ng/u1	97

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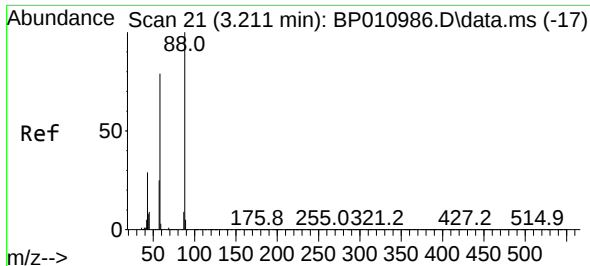
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1940938	40.798	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	866388	41.407	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	470919	36.338	ng/ul	95
41) 2,4,6-Trichlorophenol	12.763	196	561009	40.714	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	612624	41.601	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	2467610	41.687	ng/ul#	98
44) 2-Chloronaphthalene	13.210	162	1898816	42.707	ng/ul	98
47) Dimethylphthalate	13.810	163	2490711	45.524	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	499808	50.459	ng/ul	95
50) Acenaphthylene	14.063	152	3023564	42.120	ng/ul	99
51) 3-Nitroaniline	14.257	138	506304	42.545	ng/ul	91
52) Acenaphthene	14.404	153	2082699	43.795	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	228660	39.458	ng/ul#	86
55) 4-Nitrophenol	14.569	109	65992	7.855	ng/ul#	71
56) Dibenzofuran	14.745	168	2834282	43.193	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	731331	51.761	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	527458	45.737	ng/ul#	88
59) Diethylphthalate	15.187	149	2632693	46.856	ng/ul	98
61) Fluorene	15.398	166	2355625	44.732	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	1054479	43.495	ng/ul	94
63) 4-Nitroaniline	15.434	138	556188	50.853	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.481	198	369568	45.497	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	2037624	44.578	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	666794	46.204	ng/ul	95
69) Hexachlorobenzene	16.404	284	771355	46.052	ng/ul	95
70) Atrazine	16.586	200	707636	44.752	ng/ul	97
71) Pentachlorophenol	16.757	266	438452	42.504	ng/ul	96
72) Phenanthrene	17.151	178	3868141	46.399	ng/ul	99
74) Anthracene	17.245	178	3896739	46.990	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	907686	39.625	ng/uL	96
76) Pentachlorobenzene	14.657	250	857022	42.679	ng/uL	98
77) Carbazole	17.522	167	3716141	47.879	ng/ul	99
78) Di-n-butylphthalate	18.092	149	4632224	47.746	ng/ul	99
80) Fluoranthene	19.139	202	4456891	48.296	ng/ul#	88
82) Pyrene	19.492	202	4560881	47.903	ng/ul#	82
83) Butylbenzylphthalate	20.386	149	2134974	50.265	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	1389661	52.240	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	4376369	47.833	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.157	149	3170242	50.024	ng/ul#	97
87) Chrysene	21.269	228	4148422	46.177	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	5348145	51.335	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	4536439	47.296	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	4522525	50.197	ng/ul#	95
93) Benzo(a)pyrene	23.480	252	4030665	43.757	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.021	276	5370519	50.169	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	4483416	48.401	ng/ul#	92
96) Benzo(g,h,i)perylene	26.774	276	4420560	48.485	ng/ul#	88

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

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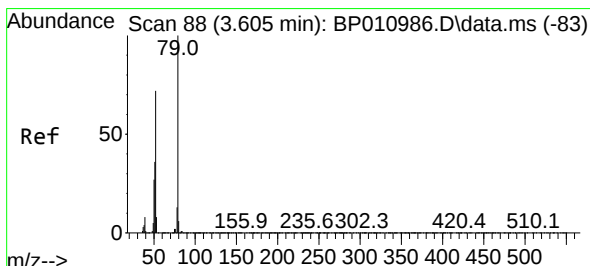
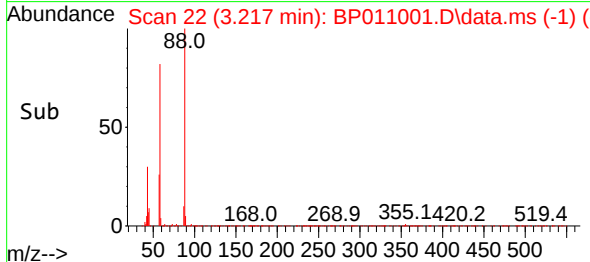
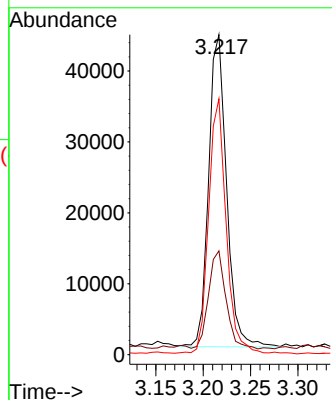
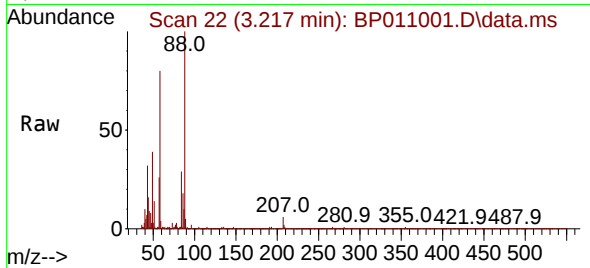




#2
1,4-Dioxane
Concen: 5.846 ng/uL
RT: 3.217 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

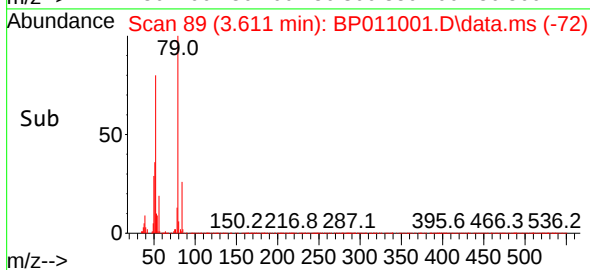
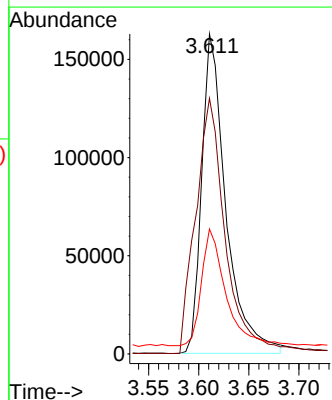
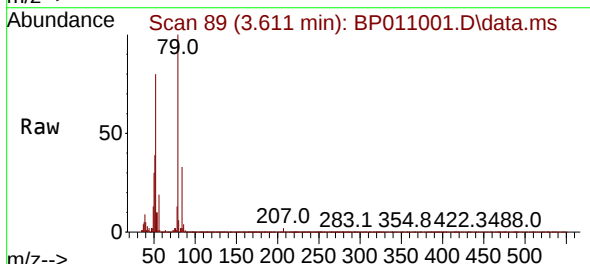
Instrument :
BNA_P
ClientSampleId :

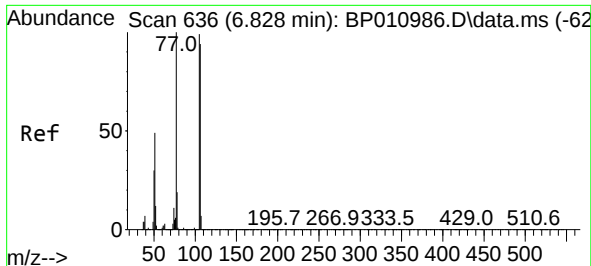
Tgt Ion: 88 Resp: 57923
Ion Ratio Lower Upper
88 100
43 32.4 35.8 53.6#
58 79.9 68.1 102.1



#5
Pyridine
Concen: 10.885 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion: 79 Resp: 273817
Ion Ratio Lower Upper
79 100
52 79.9 83.8 125.8#
51 39.0 41.0 61.4#

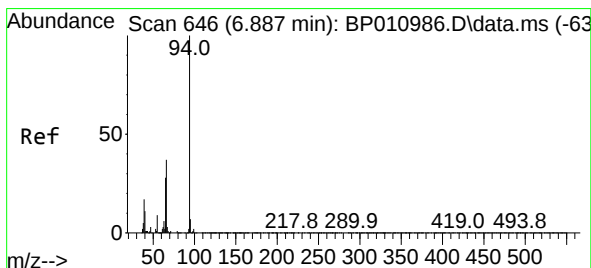
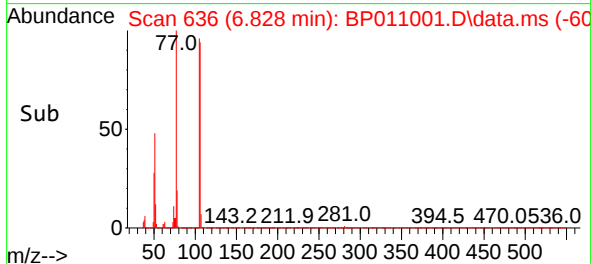
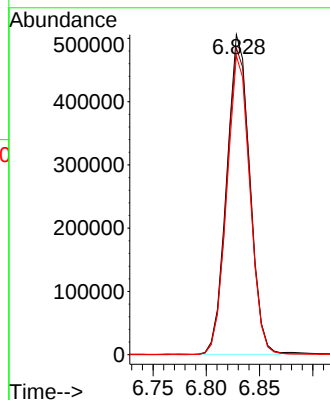
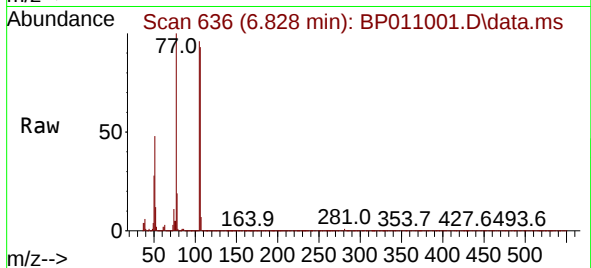




#6
Benzaldehyde
Concen: 55.945 ng/ul
RT: 6.828 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

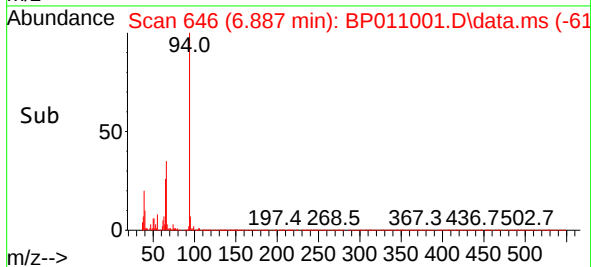
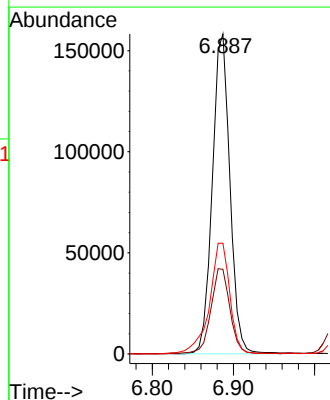
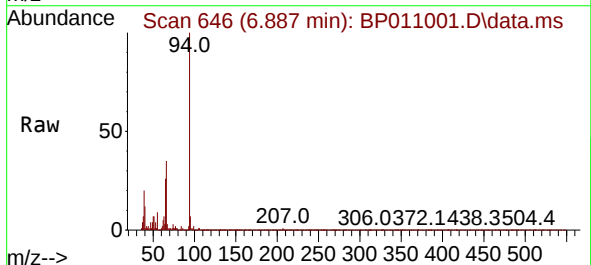
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BNA_P
ClientSampleId :

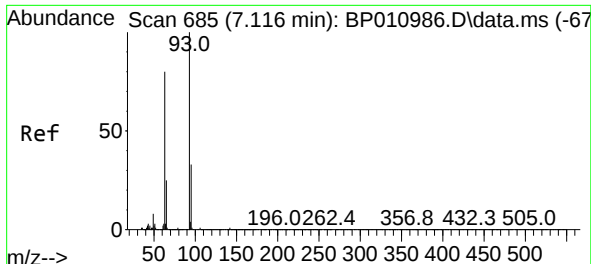
Tgt Ion: 77 Resp: 759417
Ion Ratio Lower Upper
77 100
105 95.9 76.0 114.0
106 93.4 73.2 109.8



#8
Phenol
Concen: 8.012 ng/ul
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

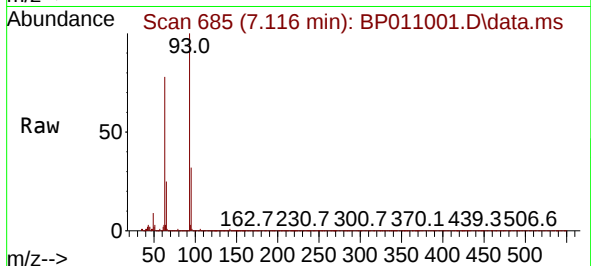
Tgt Ion: 94 Resp: 238015
Ion Ratio Lower Upper
94 100
65 26.4 27.4 41.2#
66 34.6 37.4 56.2#





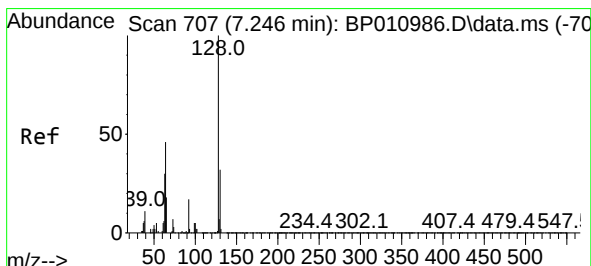
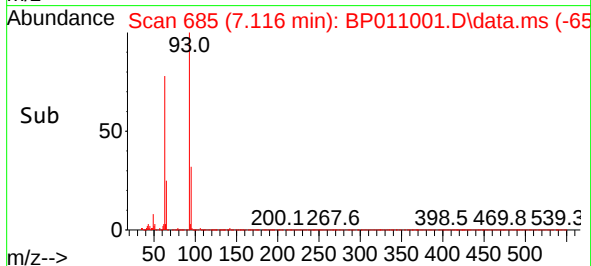
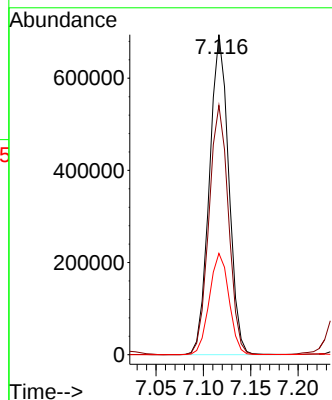
#10
 Bis(2-Chloroethyl)ether
 Concen: 41.684 ng/ul
 RT: 7.116 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: BP011001.D
 Acq: 18 Jul 2022 19:53

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 982737

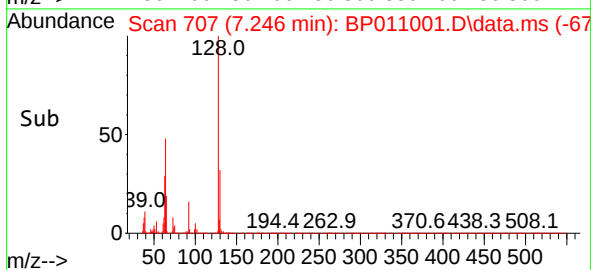
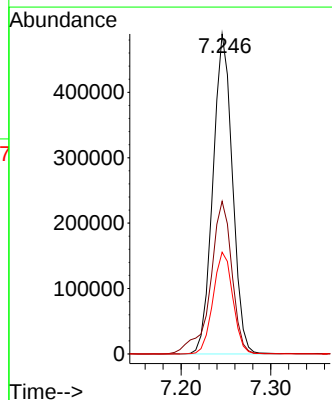
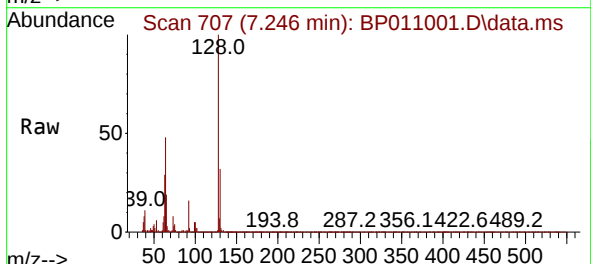
Ion	Ratio	Lower	Upper
93	100		
63	77.9	72.4	108.6
95	31.7	27.3	40.9

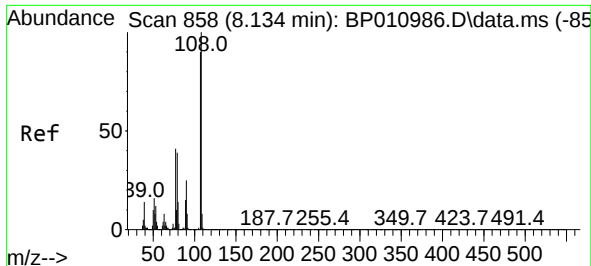


#12
 2-Chlorophenol
 Concen: 31.650 ng/ul
 RT: 7.246 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: BP011001.D
 Acq: 18 Jul 2022 19:53

Tgt Ion: 128 Resp: 738768

Ion	Ratio	Lower	Upper
128	100		
64	47.7	44.8	67.2
130	31.8	25.8	38.6

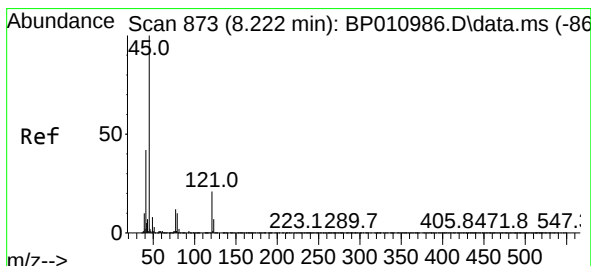
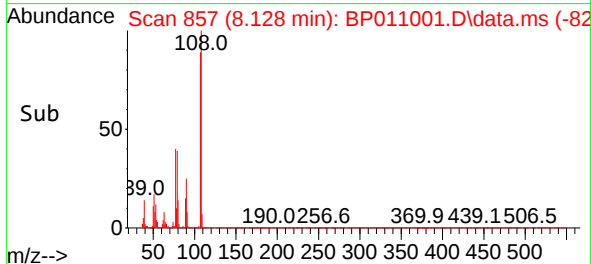
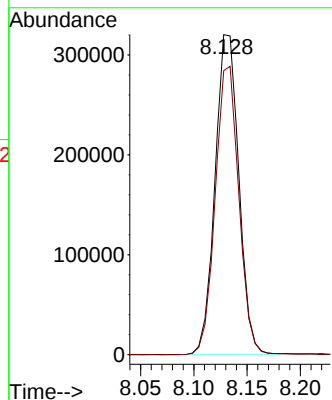
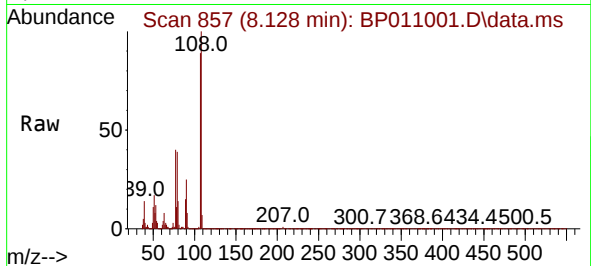




#13
2-Methylphenol
Concen: 22.626 ng/ul
RT: 8.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011001.D
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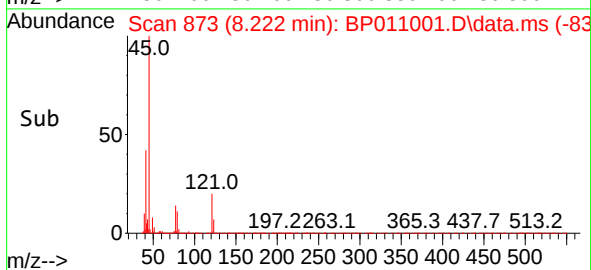
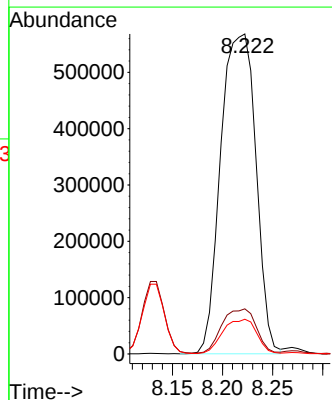
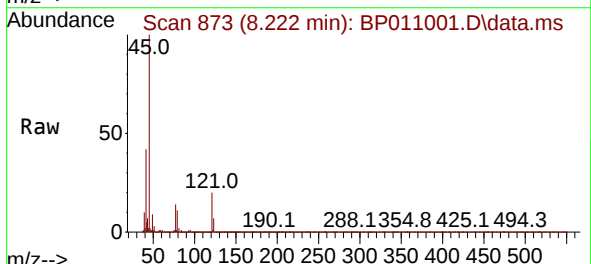
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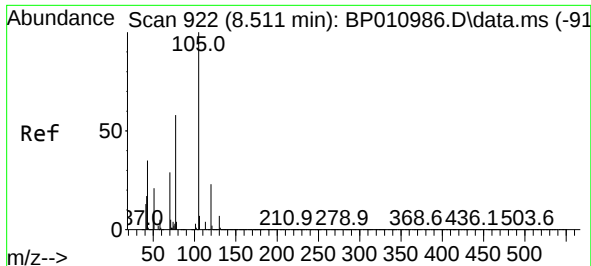
Tgt Ion:108 Resp: 497042
Ion Ratio Lower Upper
108 100
107 88.8 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 42.968 ng/ul
RT: 8.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion: 45 Resp: 1385538
Ion Ratio Lower Upper
45 100
77 14.1 11.2 16.8
79 10.8 6.9 10.3#

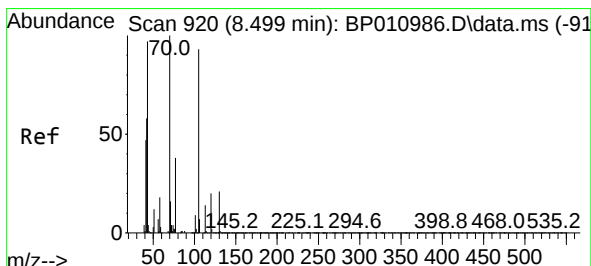
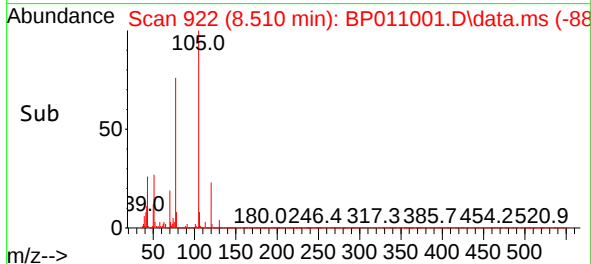
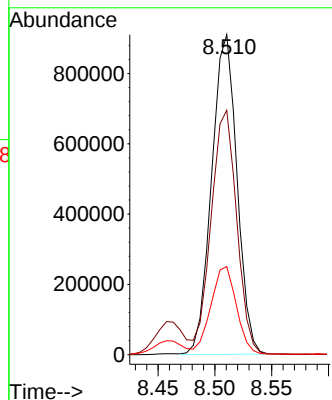
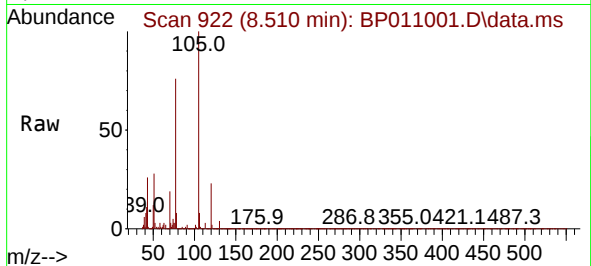




#16
Acetophenone
Concen: 41.683 ng/ul
RT: 8.510 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

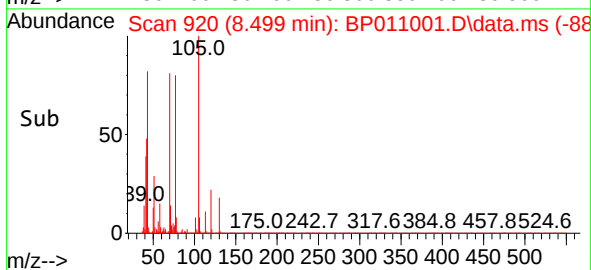
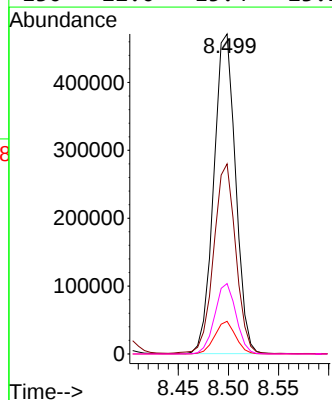
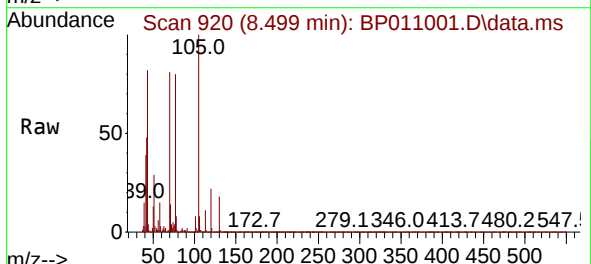
Instrument :
BNA_P
ClientSampleId :

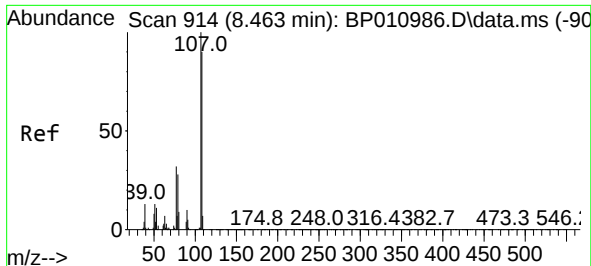
Tgt Ion:105 Resp: 1411711
Ion Ratio Lower Upper
105 100
77 76.4 67.5 101.3
51 27.5 29.6 44.4#



#17
N-Nitroso-di-n-propylamine
Concen: 41.923 ng/ul
RT: 8.499 min Scan# 920
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion: 70 Resp: 712416
Ion Ratio Lower Upper
70 100
42 59.4 53.8 80.8
101 10.2 7.8 11.6
130 22.0 15.4 23.2

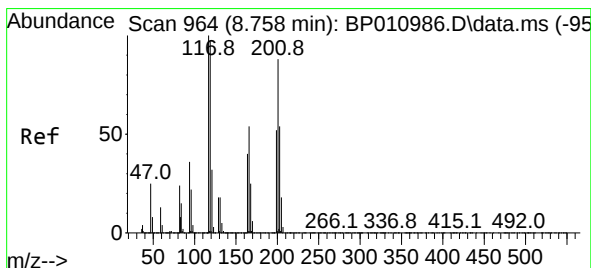
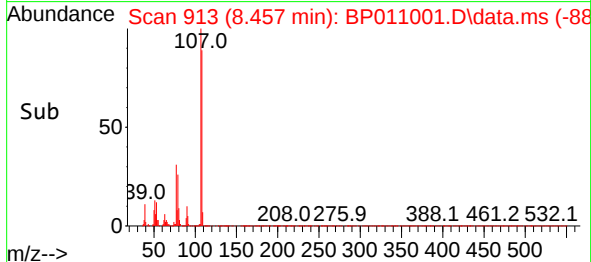
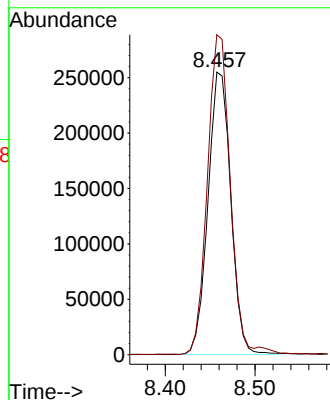
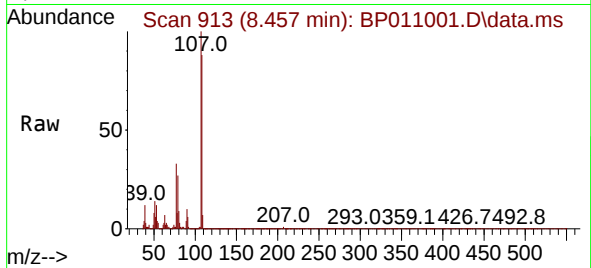




#18
4-Methylphenol
Concen: 19.137 ng/ul
RT: 8.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

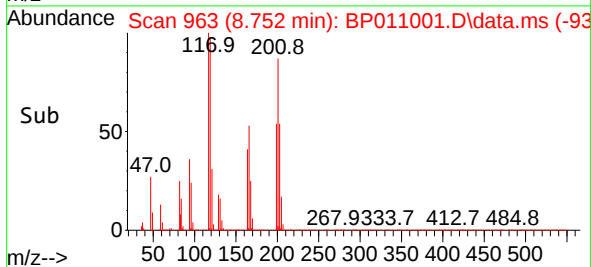
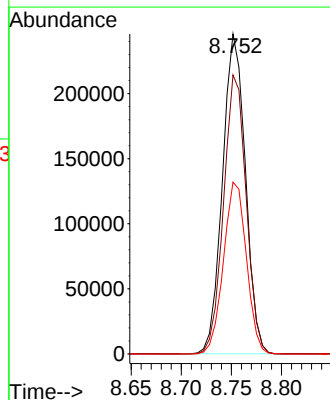
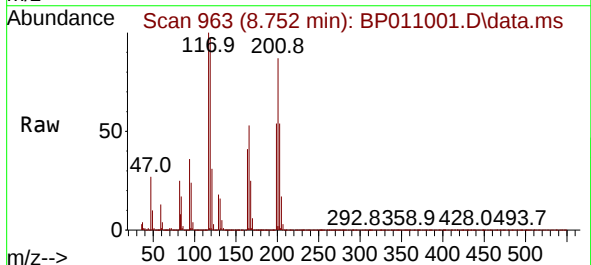
Instrument :
BNA_P
ClientSampleId :

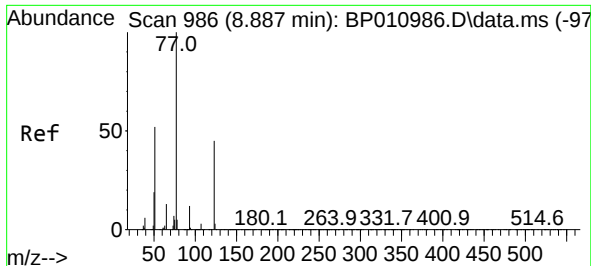
Tgt Ion:108 Resp: 448867
Ion Ratio Lower Upper
108 100
107 113.3 88.3 132.5



#19
Hexachloroethane
Concen: 42.228 ng/ul
RT: 8.752 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:117 Resp: 390074
Ion Ratio Lower Upper
117 100
201 87.2 85.7 128.5
199 53.7 57.4 86.0#

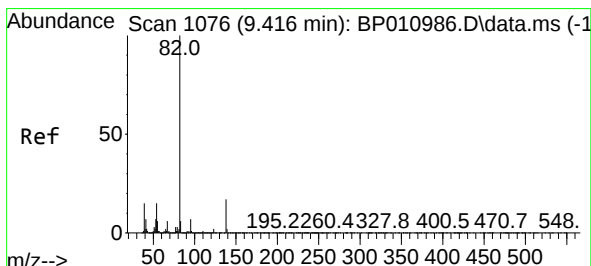
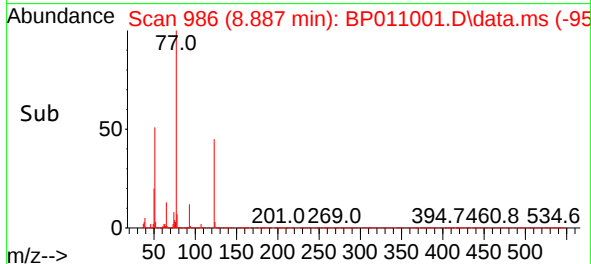
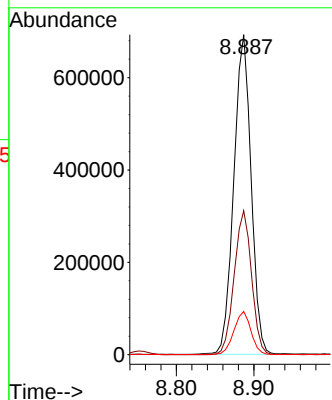
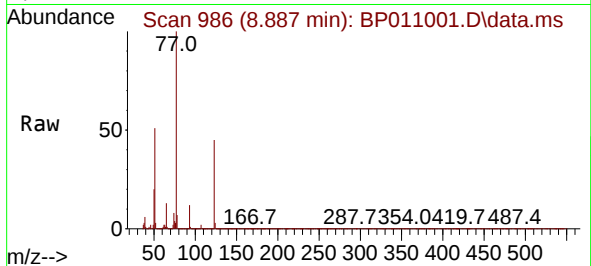




#22
Nitrobenzene
Concen: 43.797 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

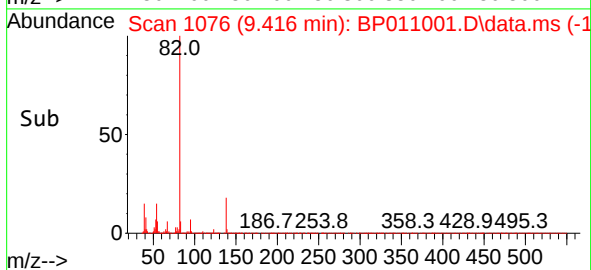
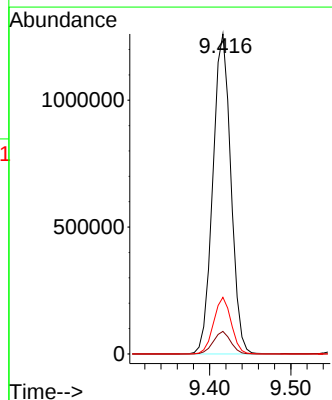
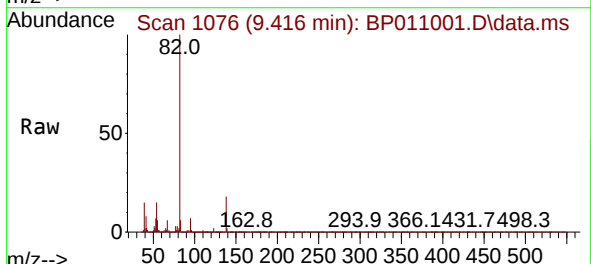
Instrument :
BNA_P
ClientSampleId :

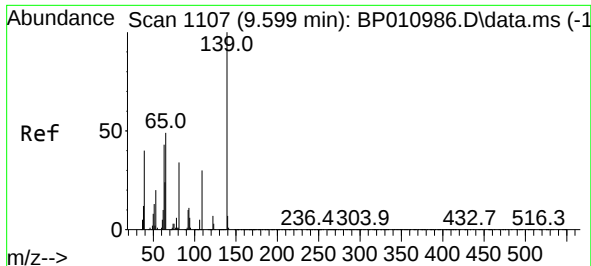
Tgt Ion: 77 Resp: 1078354
Ion Ratio Lower Upper
77 100
123 45.0 31.5 47.3
65 13.5 11.4 17.2



#23
Isophorone
Concen: 42.151 ng/ul
RT: 9.416 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion: 82 Resp: 1942369
Ion Ratio Lower Upper
82 100
95 7.0 6.6 10.0
138 17.7 13.8 20.6

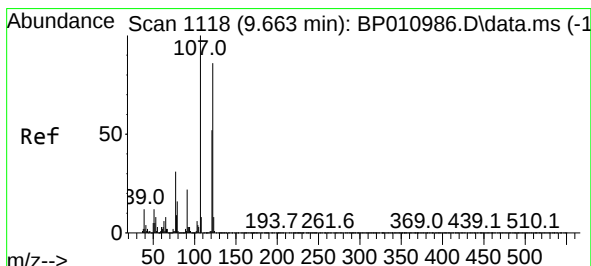
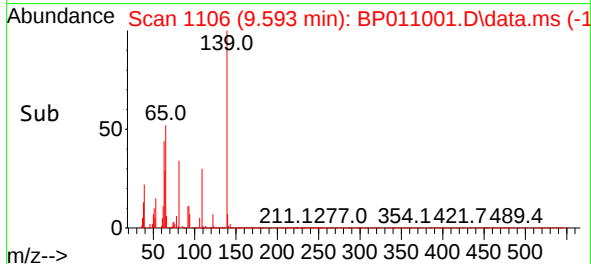
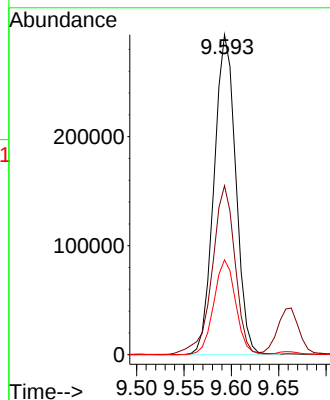
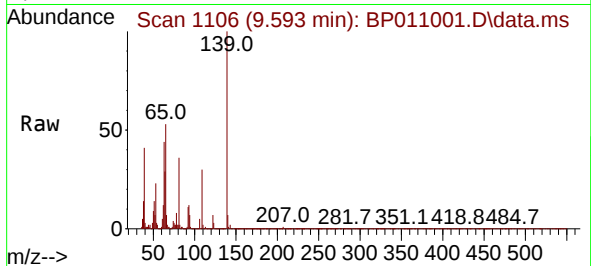




#25
2-Nitrophenol
Concen: 40.388 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

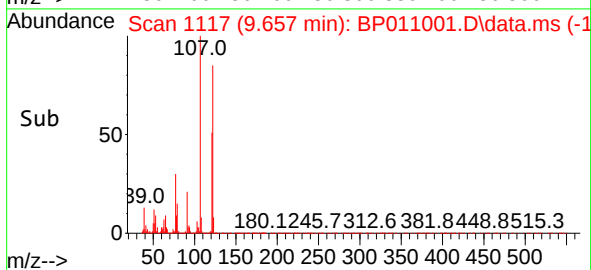
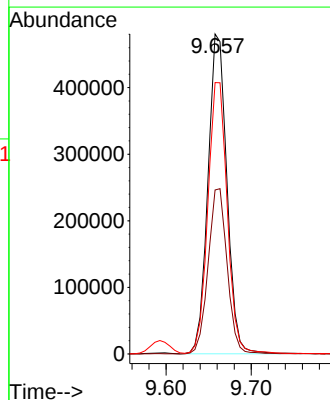
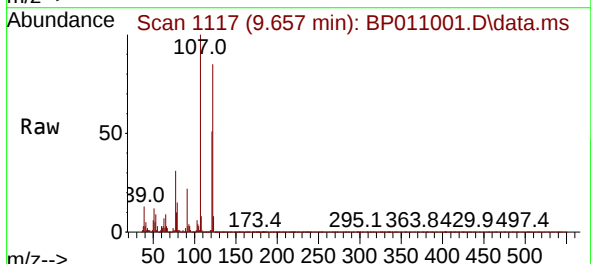
Instrument :
BNA_P
ClientSampleId :

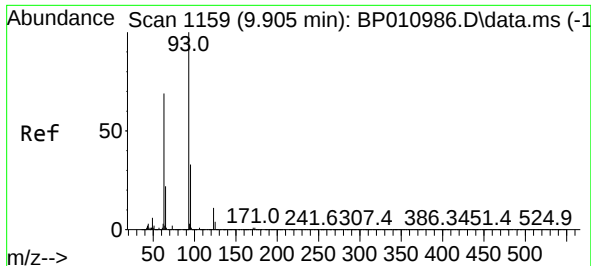
Tgt Ion:139 Resp: 469668
Ion Ratio Lower Upper
139 100
65 52.8 54.2 81.4#
109 29.7 30.6 45.8#



#26
2,4-Dimethylphenol
Concen: 30.191 ng/ul
RT: 9.657 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:107 Resp: 742433
Ion Ratio Lower Upper
107 100
121 51.2 39.1 58.7
122 84.8 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 41.032 ng/ul

RT: 9.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

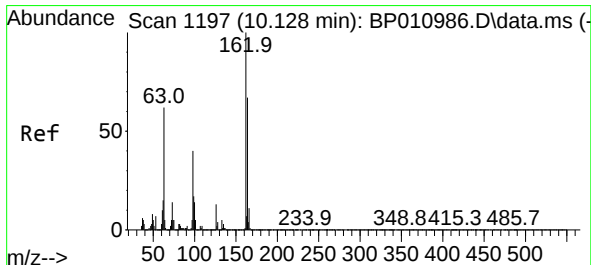
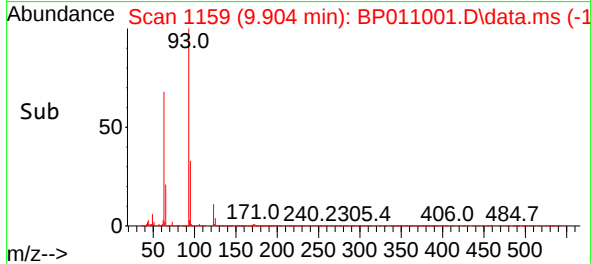
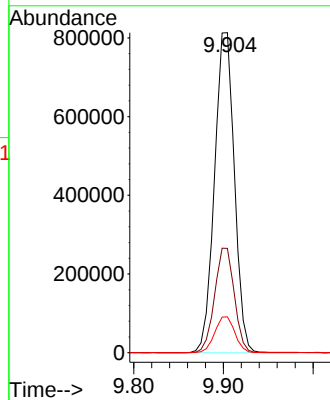
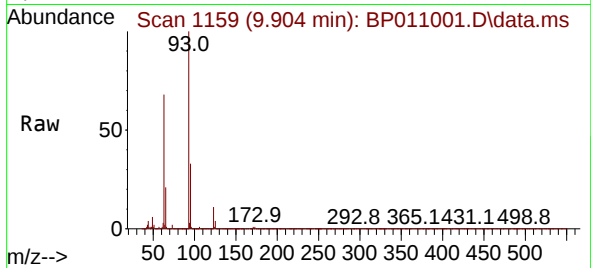
Tgt Ion: 93 Resp: 1251285

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

123 11.2 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 36.006 ng/ul

RT: 10.122 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

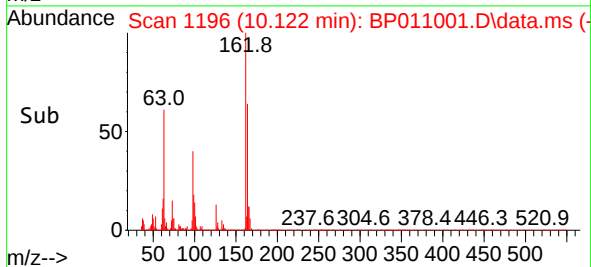
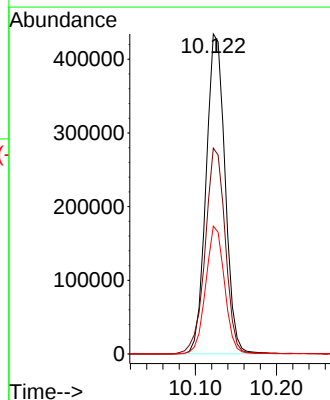
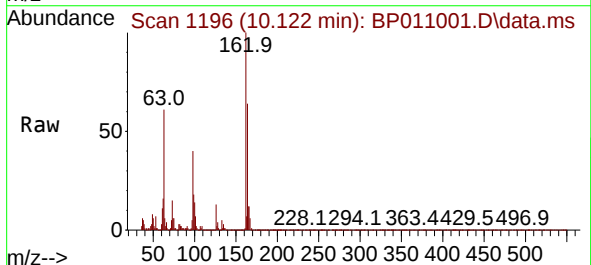
Tgt Ion:162 Resp: 706077

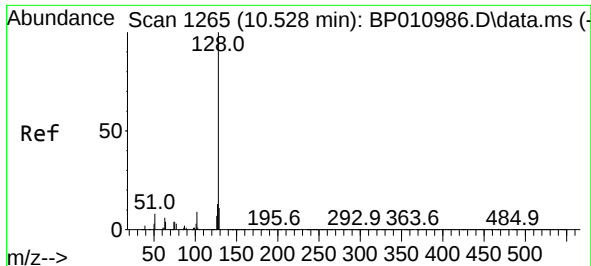
Ion Ratio Lower Upper

162 100

164 64.4 52.5 78.7

98 40.0 31.4 47.0

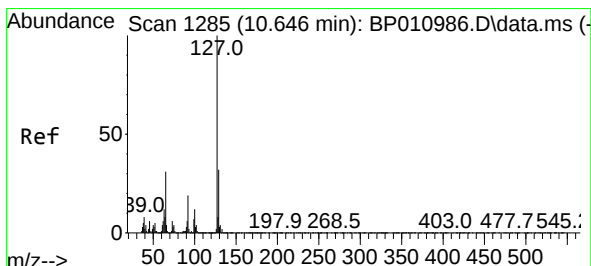
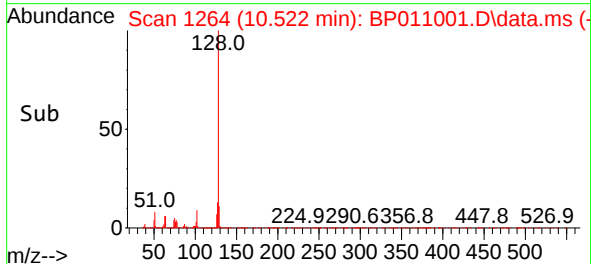
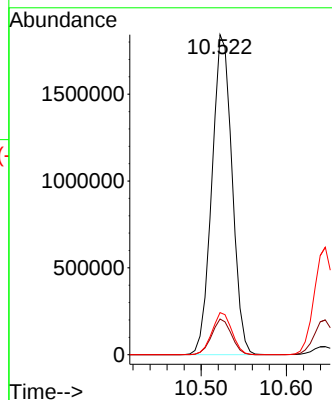
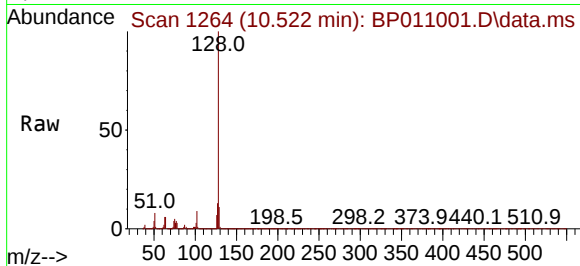




#30
Naphthalene
Concen: 41.374 ng/ul
RT: 10.522 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

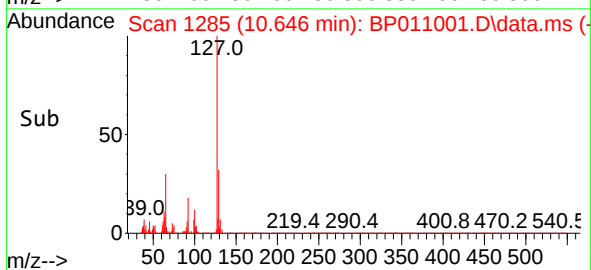
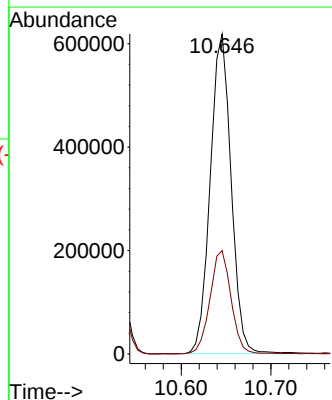
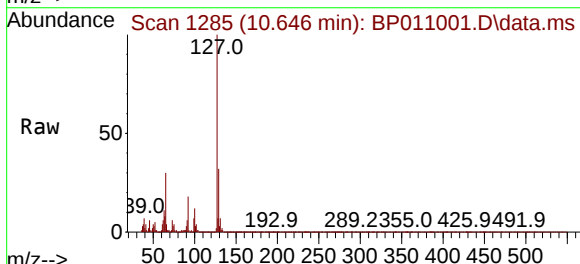
Instrument :
BNA_P
ClientSampleId :

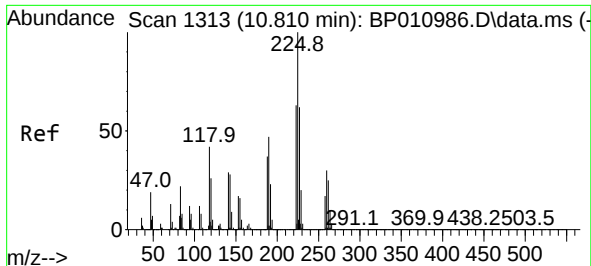
Tgt Ion:128 Resp: 3029056
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.2 15.4



#32
4-Chloroaniline
Concen: 32.323 ng/ul
RT: 10.646 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:127 Resp: 998593
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.2

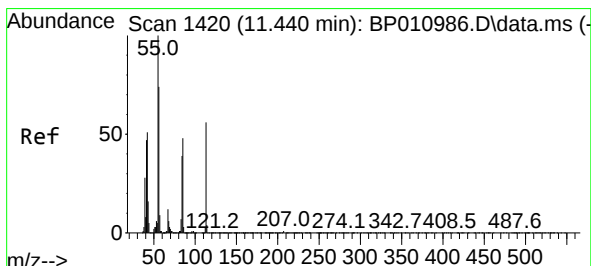
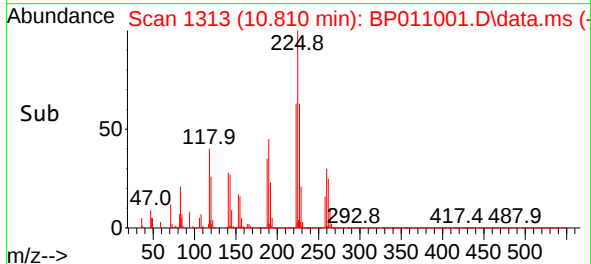
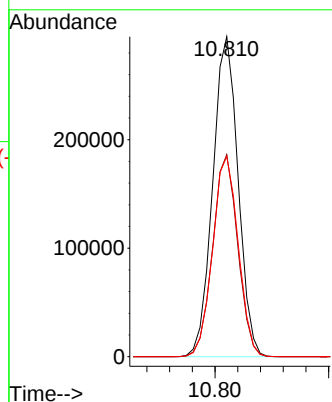
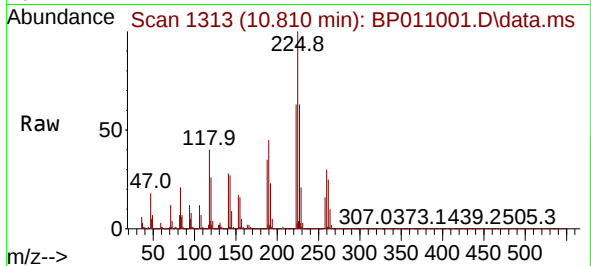




#33
Hexachlorobutadiene
Concen: 40.020 ng/ul
RT: 10.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

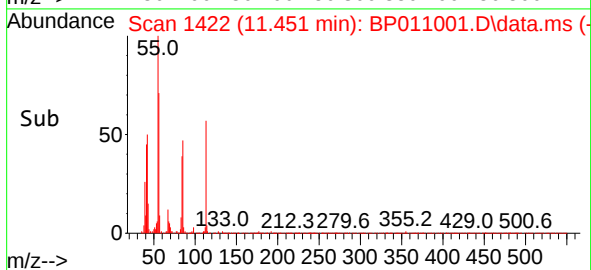
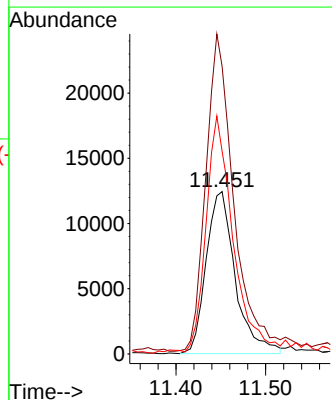
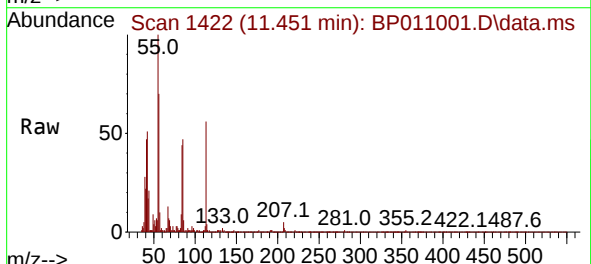
Instrument :
BNA_P
ClientSampleId :

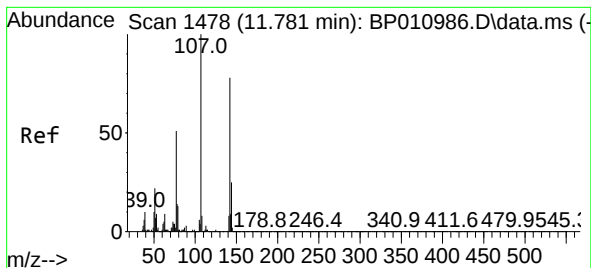
Tgt Ion:225 Resp: 456822
Ion Ratio Lower Upper
225 100
223 63.2 53.7 80.5
227 62.6 49.4 74.2



#34
Caprolactam
Concen: 4.080 ng/ul
RT: 11.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:113 Resp: 28042
Ion Ratio Lower Upper
113 100
55 177.1 153.8 230.8
56 124.7 110.2 165.4

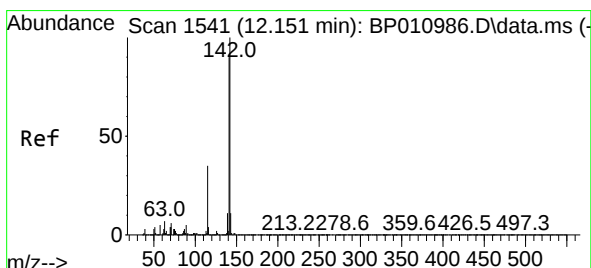
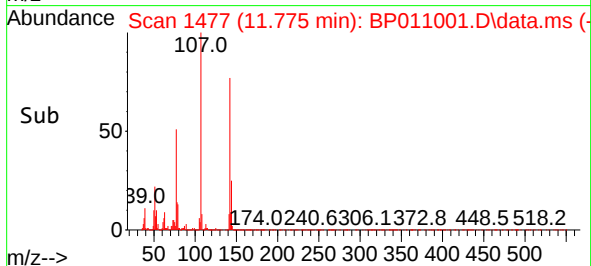
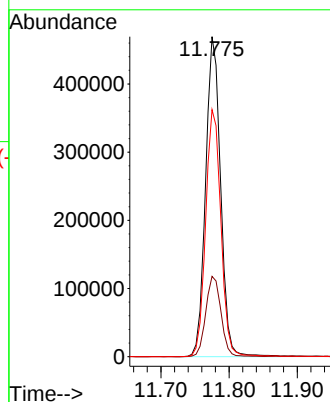
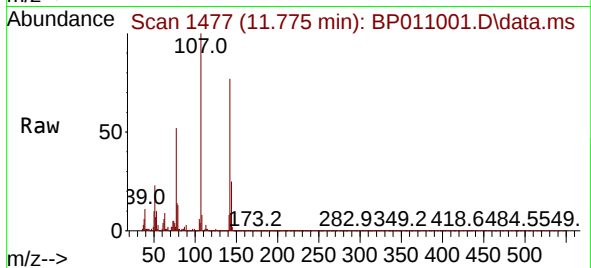




#35
4-Chloro-3-methylphenol
Concen: 32.377 ng/ul
RT: 11.775 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

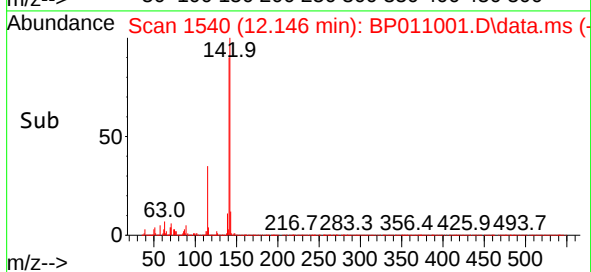
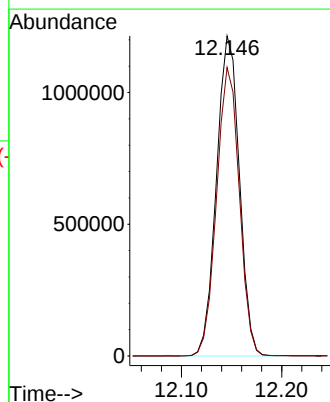
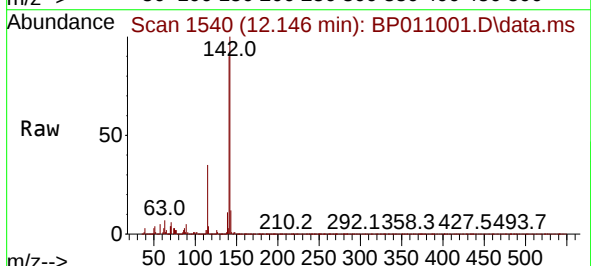
Instrument :
BNA_P
ClientSampleId :

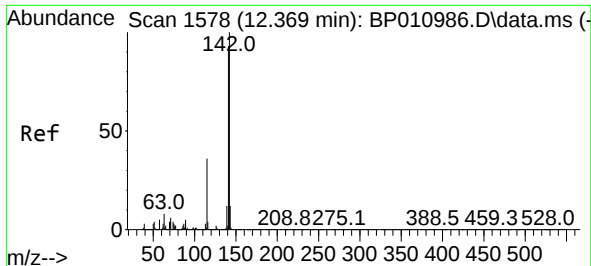
Tgt Ion:107 Resp: 717537
Ion Ratio Lower Upper
107 100
144 25.1 18.6 27.8
142 77.2 59.6 89.4



#36
2-Methylnaphthalene
Concen: 40.493 ng/ul
RT: 12.146 min Scan# 1540
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:142 Resp: 1921902
Ion Ratio Lower Upper
142 100
141 90.1 70.1 105.1

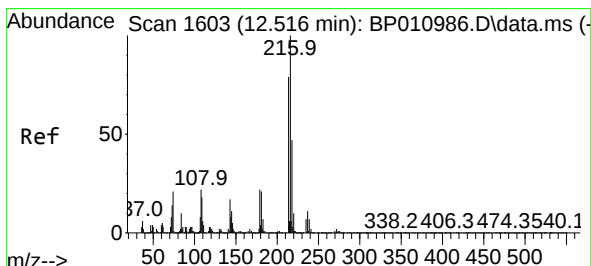
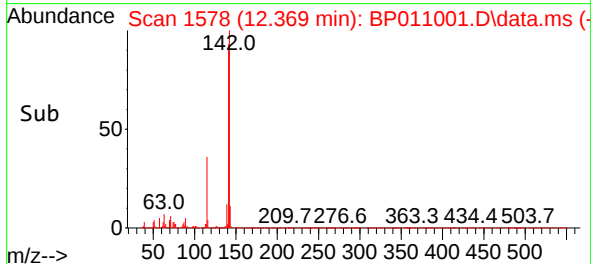
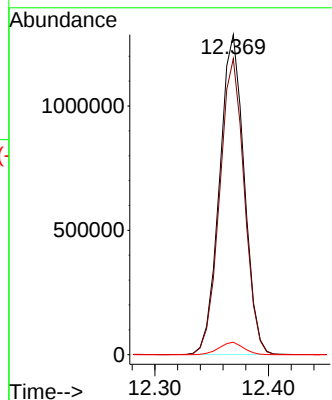
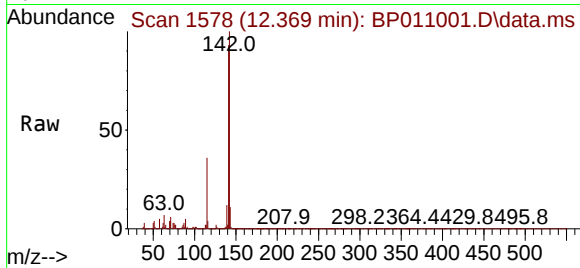




#37
1-Methylnaphthalene
Concen: 40.798 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

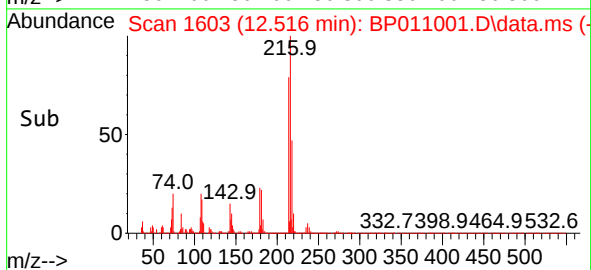
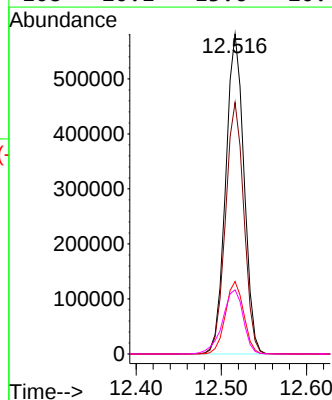
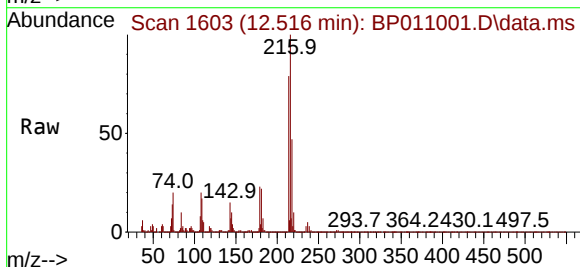
Instrument :
BNA_P
ClientSampleId :

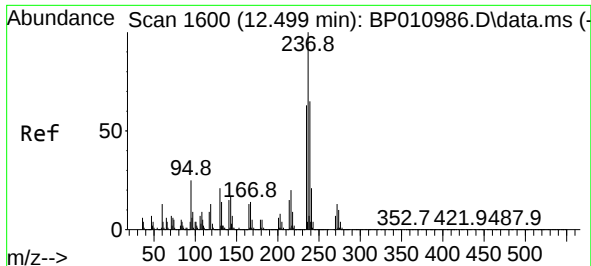
Tgt Ion:142 Resp: 1940938
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9
116 3.9 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.407 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:216 Resp: 866388
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 22.7 18.1 27.1
108 20.1 13.6 20.4

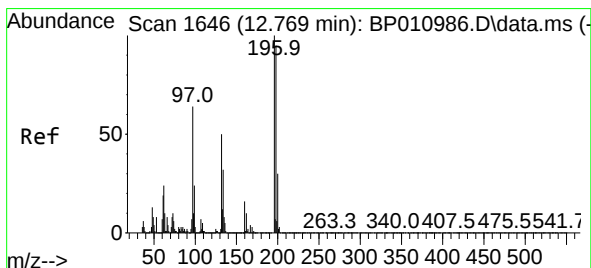
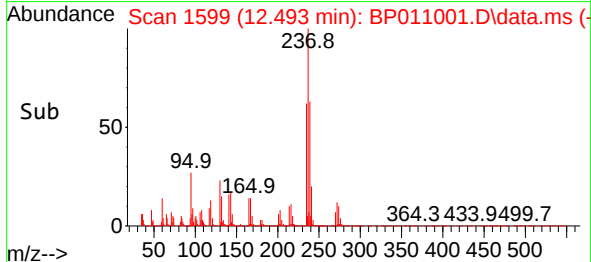
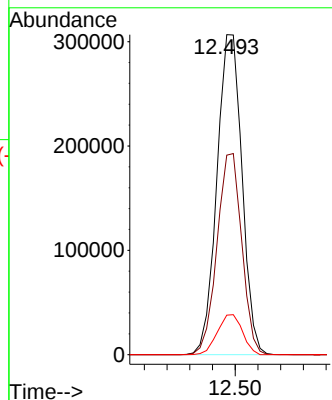
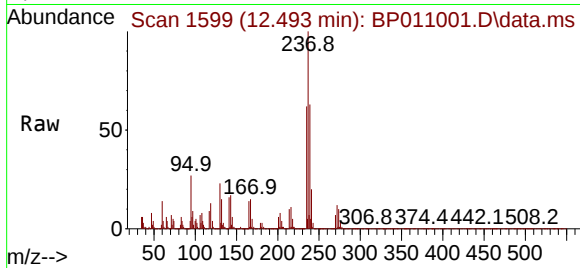




#40
Hexachlorocyclopentadiene
Concen: 36.338 ng/ul
RT: 12.493 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

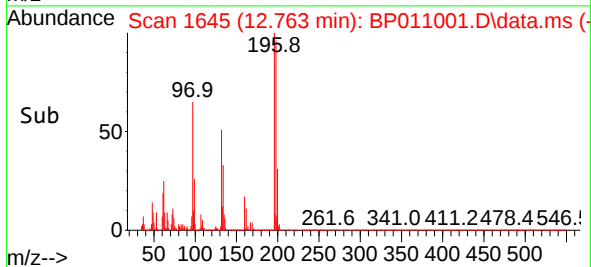
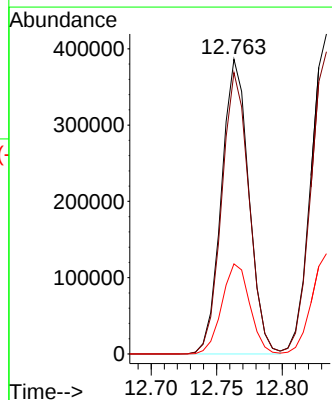
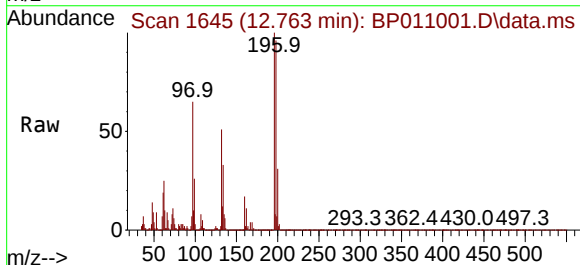
Instrument :
BNA_P
ClientSampleId :

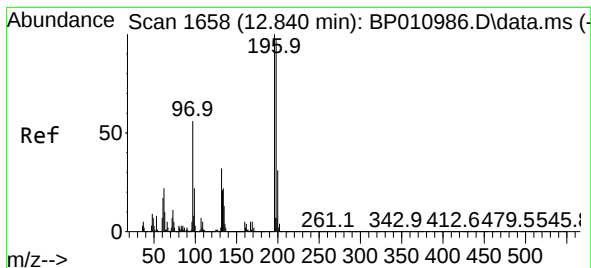
Tgt Ion:237 Resp: 470919
Ion Ratio Lower Upper
237 100
235 62.4 52.8 79.2
272 12.3 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 40.714 ng/ul
RT: 12.763 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:196 Resp: 561009
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.4
200 30.5 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 41.601 ng/ul

RT: 12.834 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

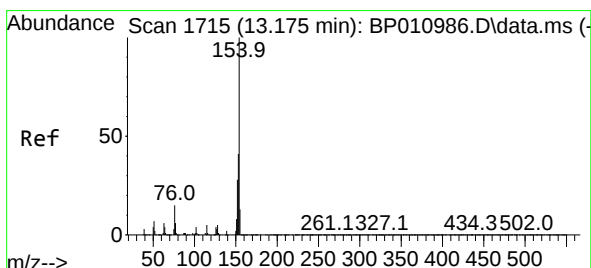
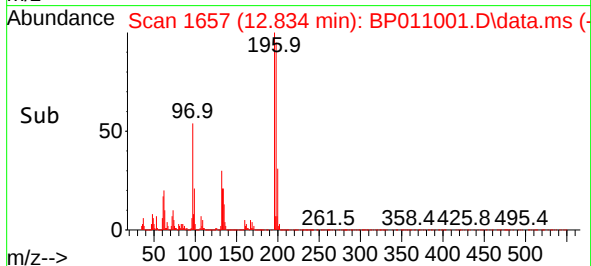
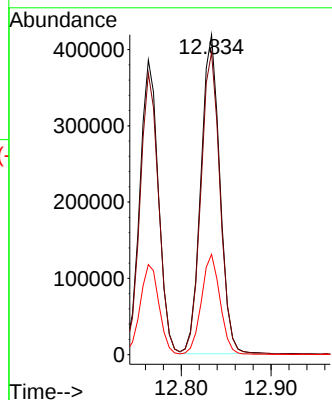
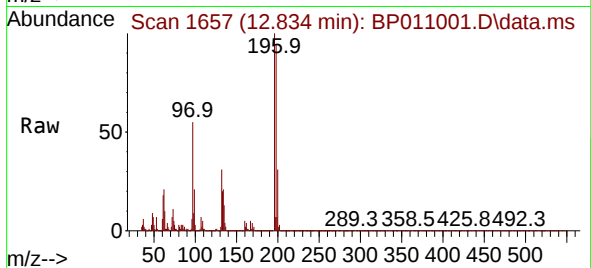
Tgt Ion:196 Resp: 612624

Ion Ratio Lower Upper

196 100

198 94.5 77.0 115.4

200 31.4 24.8 37.2



#43

1,1'-Biphenyl

Concen: 41.687 ng/ul

RT: 13.169 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

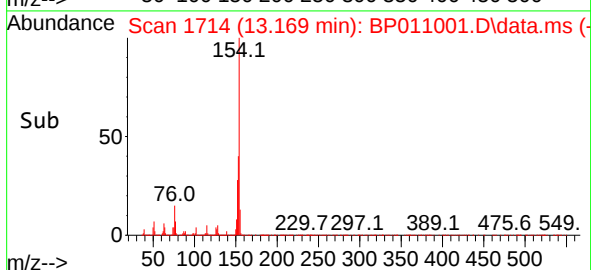
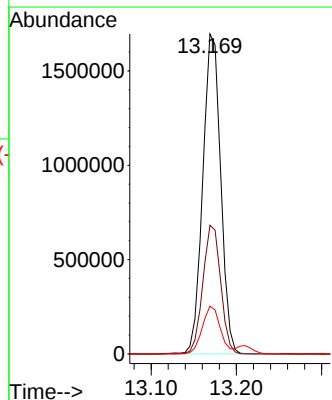
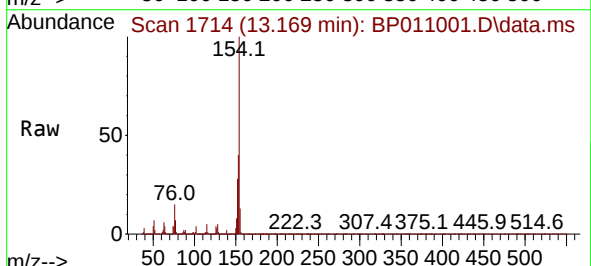
Tgt Ion:154 Resp: 2467610

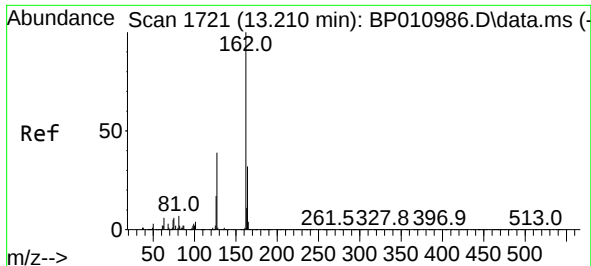
Ion Ratio Lower Upper

154 100

153 40.2 31.9 47.9

76 14.9 9.2 13.8#

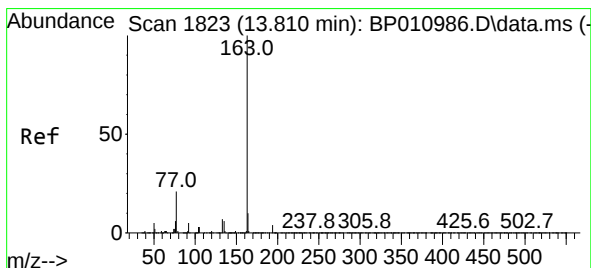
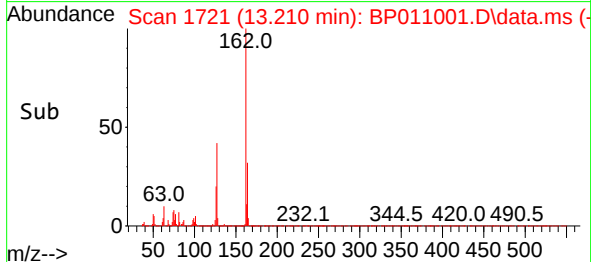
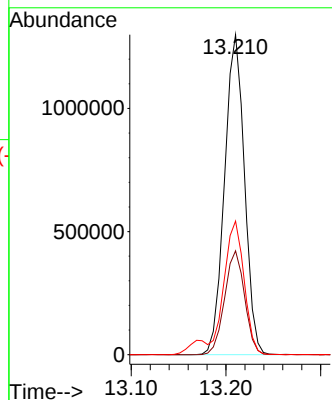
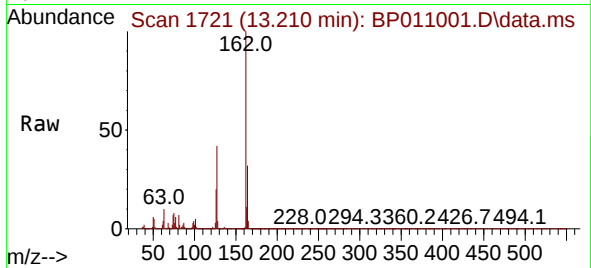




#44
2-Chloronaphthalene
Concen: 42.707 ng/ul
RT: 13.210 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

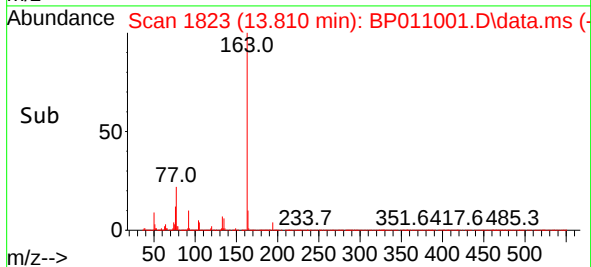
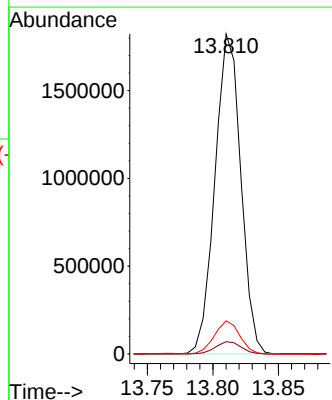
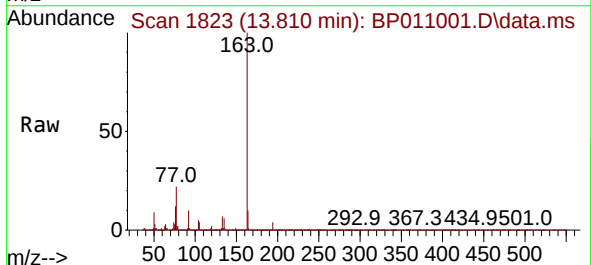
Instrument :
BNA_P
ClientSampleId :

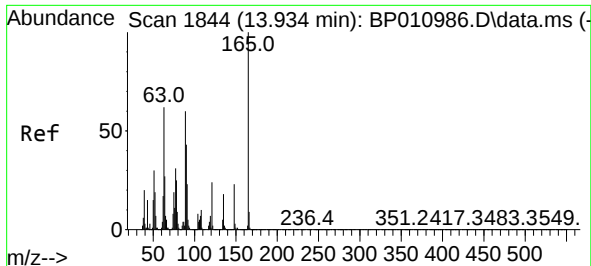
Tgt Ion:162 Resp: 1898816
Ion Ratio Lower Upper
162 100
164 32.4 25.5 38.3
127 41.8 31.9 47.9



#47
Dimethylphthalate
Concen: 45.524 ng/ul
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:163 Resp: 2490711
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 7.6 11.4

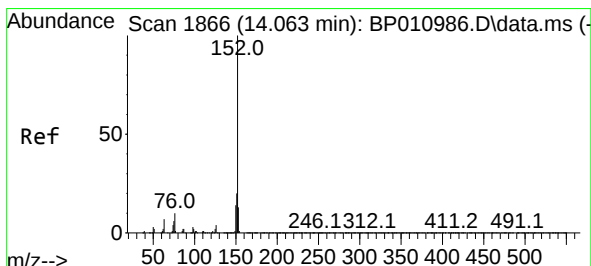
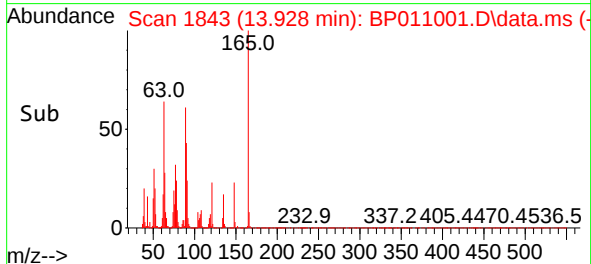
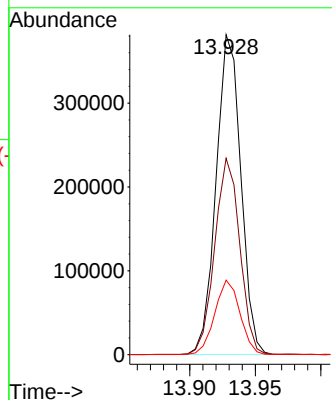
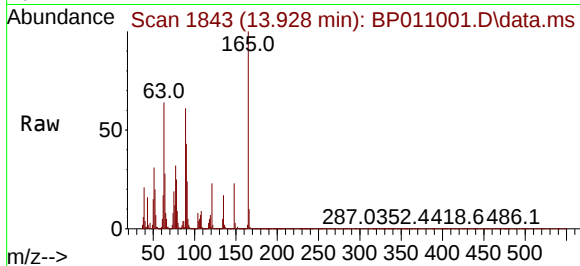




#48
2,6-Dinitrotoluene
Concen: 50.459 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

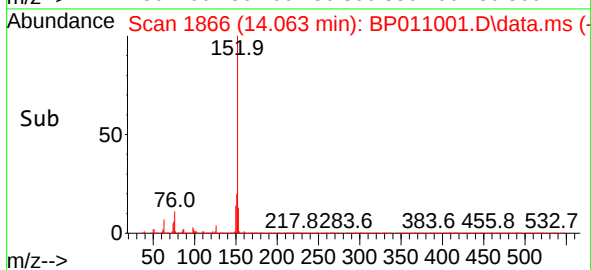
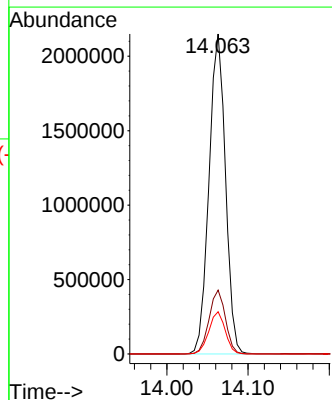
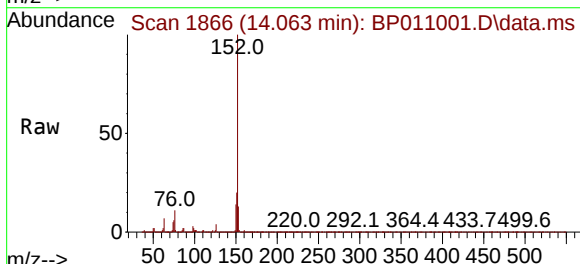
Instrument :
BNA_P
ClientSampleId :

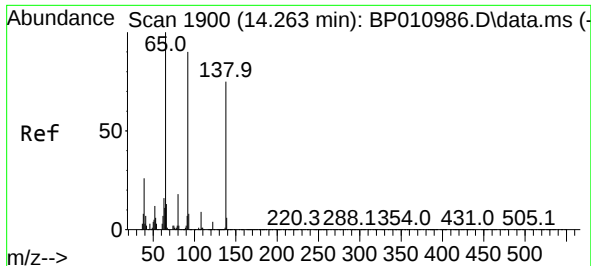
Tgt Ion:165 Resp: 499808
Ion Ratio Lower Upper
165 100
89 61.3 52.9 79.3
121 23.3 19.4 29.2



#50
Acenaphthylene
Concen: 42.120 ng/ul
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:152 Resp: 3023564
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.2 10.1 15.1

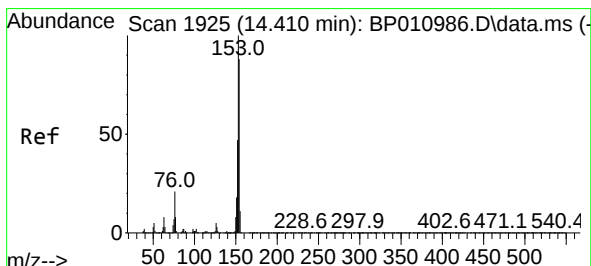
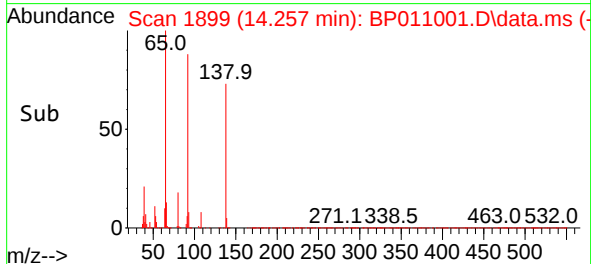
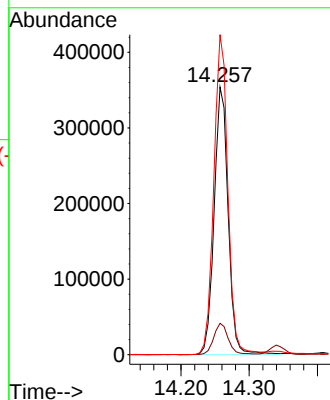
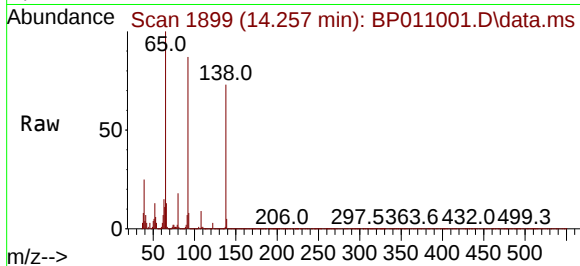




#51
3-Nitroaniline
Concen: 42.545 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

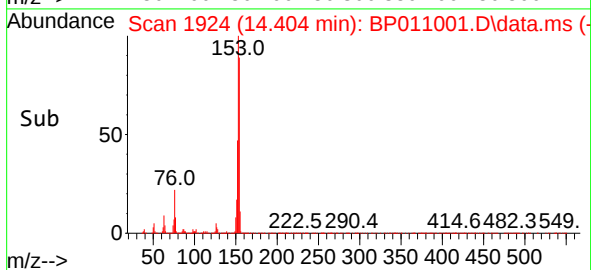
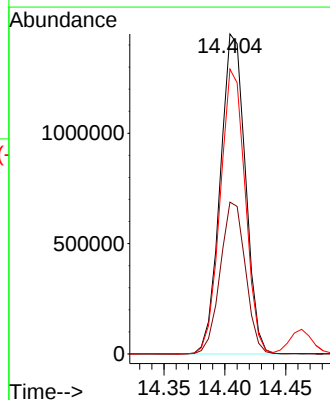
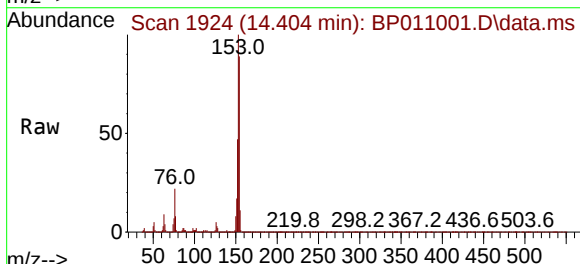
Instrument :
BNA_P
ClientSampleId :

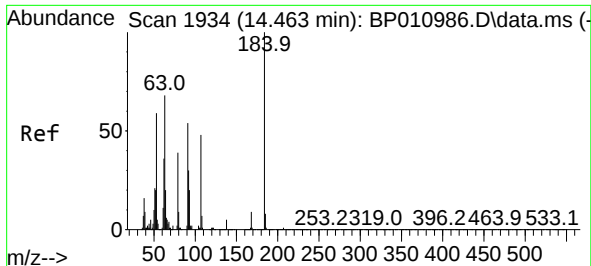
Tgt Ion:138 Resp: 506304
Ion Ratio Lower Upper
138 100
108 11.7 11.0 16.4
92 119.6 104.6 156.8



#52
Acenaphthene
Concen: 43.795 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:153 Resp: 2082699
Ion Ratio Lower Upper
153 100
152 47.5 36.2 54.2
154 89.0 70.8 106.2

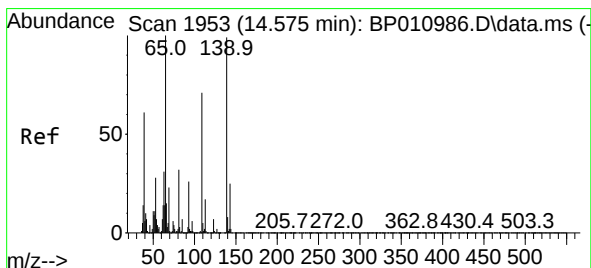
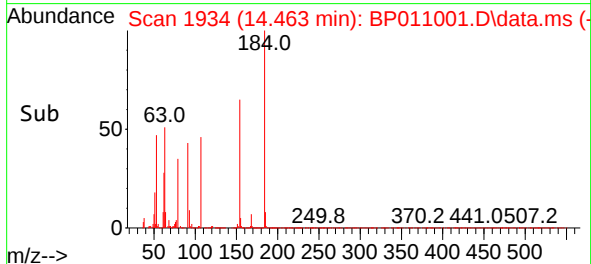
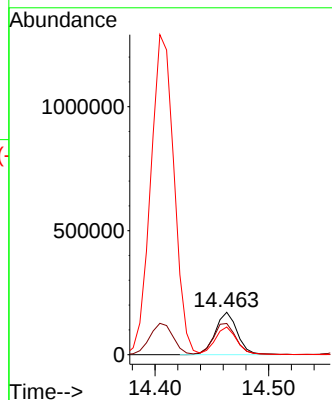
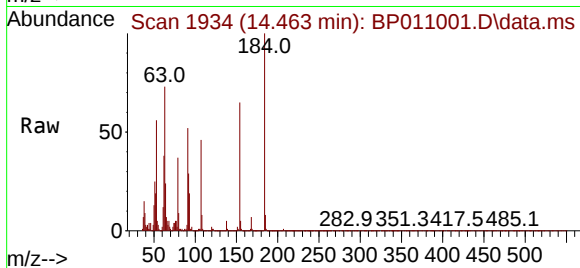




#53
2,4-Dinitrophenol
Concen: 39.458 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

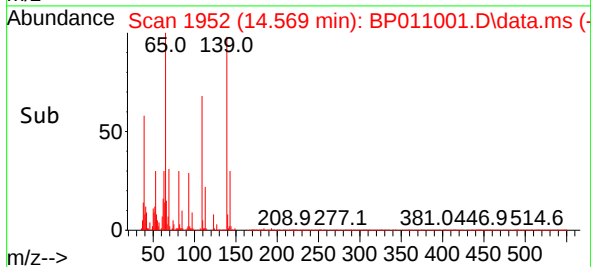
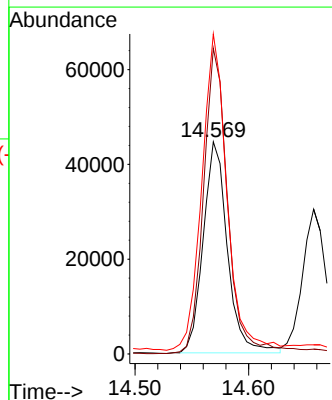
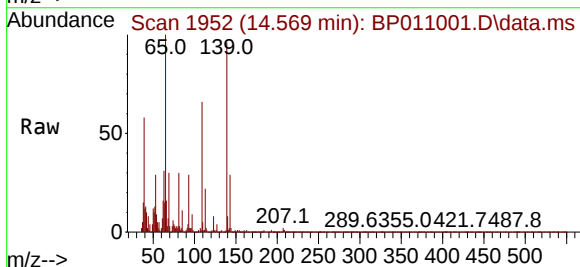
Instrument :
BNA_P
ClientSampleId :

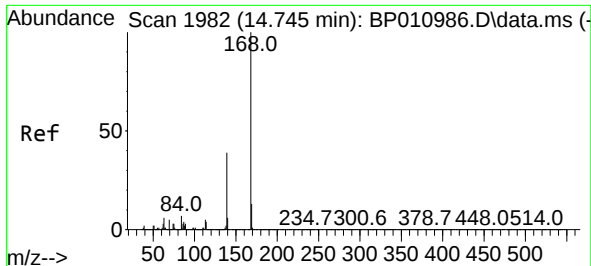
Tgt Ion:184 Resp: 228660
Ion Ratio Lower Upper
184 100
63 73.4 73.8 110.6#
154 65.1 57.2 85.8



#55
4-Nitrophenol
Concen: 7.855 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:109 Resp: 65992
Ion Ratio Lower Upper
109 100
139 144.1 75.6 113.4#
65 150.9 107.6 161.4

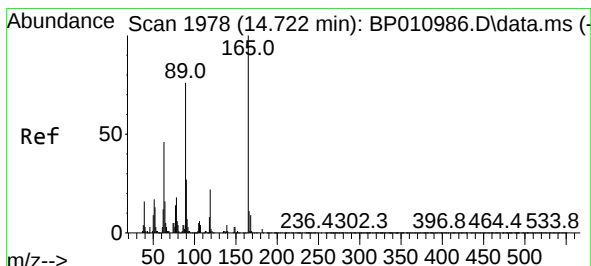
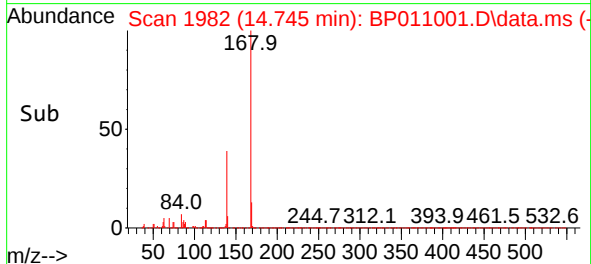
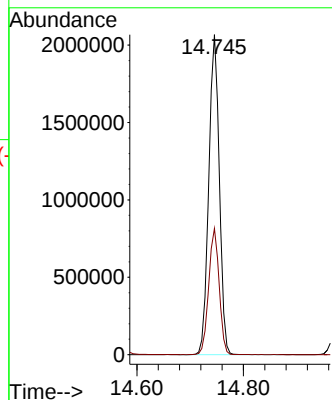
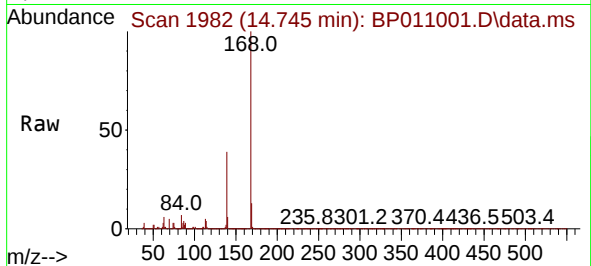




#56
Dibenzenofuran
Concen: 43.193 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

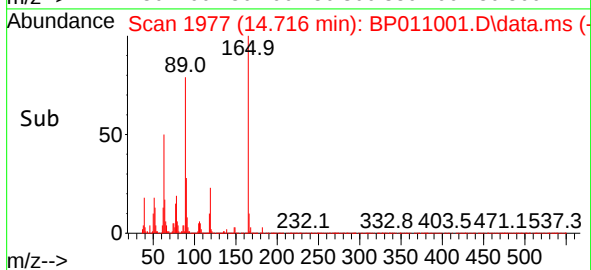
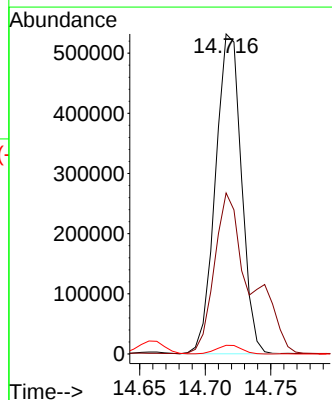
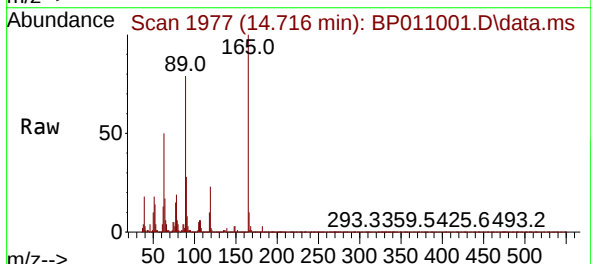
Instrument :
BNA_P
ClientSampleId :

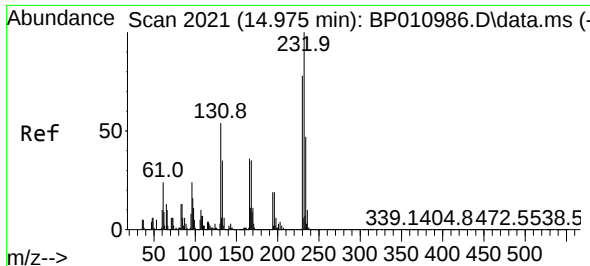
Tgt Ion:168 Resp: 2834282
Ion Ratio Lower Upper
168 100
139 39.4 32.8 49.2



#57
2,4-Dinitrotoluene
Concen: 51.761 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

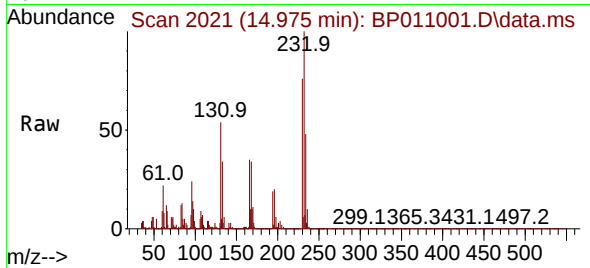
Tgt Ion:165 Resp: 731331
Ion Ratio Lower Upper
165 100
63 50.3 47.0 70.6
182 2.7 2.2 3.2



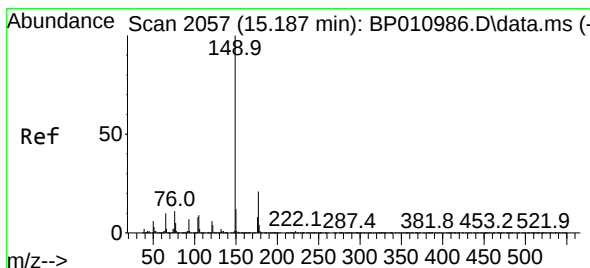
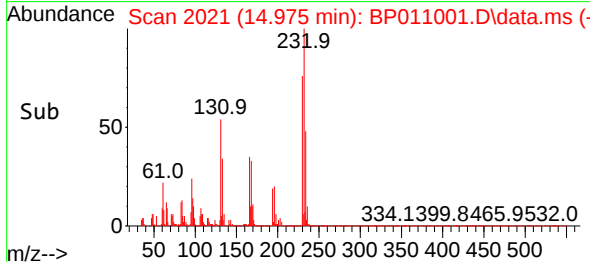
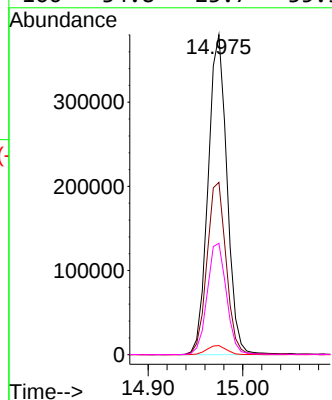


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.737 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Instrument :
BNA_P
ClientSampleId :

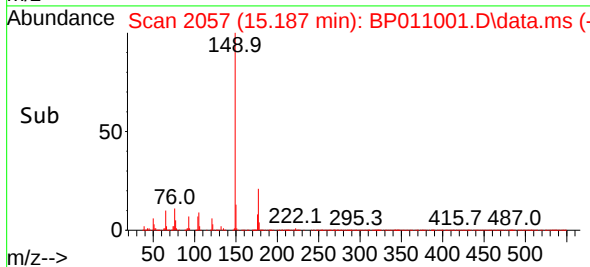
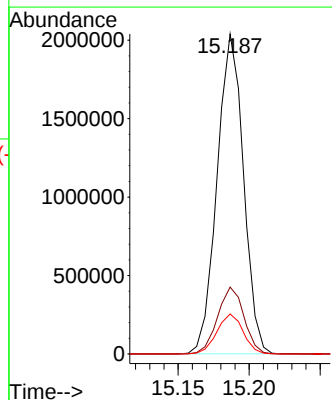
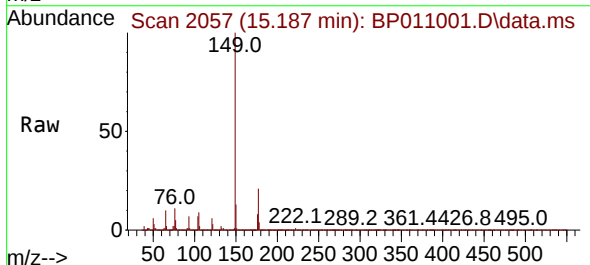


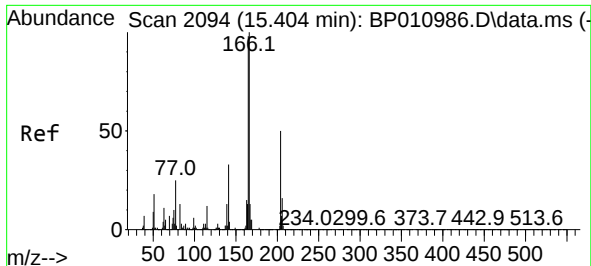
Tgt Ion:232 Resp: 527458
Ion Ratio Lower Upper
232 100
131 53.9 35.8 53.8#
130 2.8 1.8 2.8#
166 34.8 23.7 35.5



#59
Diethylphthalate
Concen: 46.856 ng/ul
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:149 Resp: 2632693
Ion Ratio Lower Upper
149 100
177 20.9 17.6 26.4
150 12.5 10.3 15.5

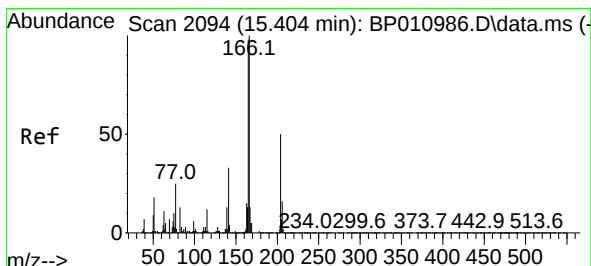
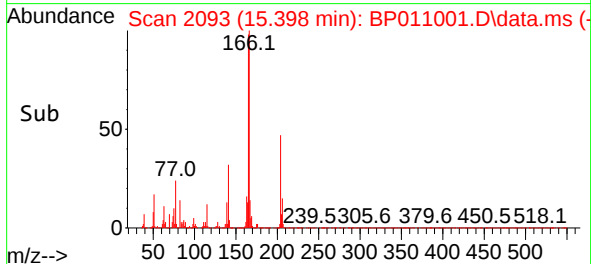
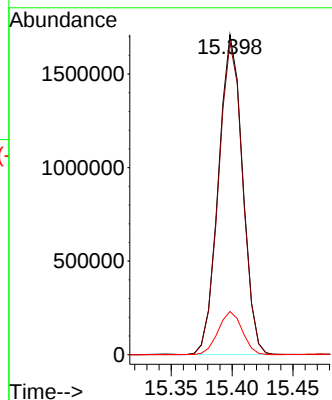
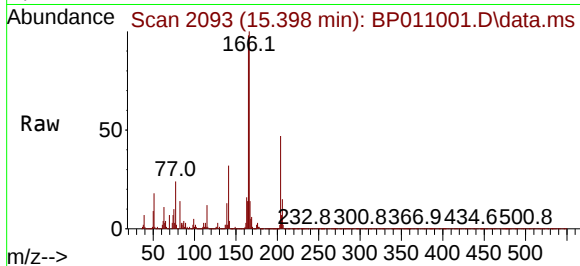




#61
Fluorene
Concen: 44.732 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

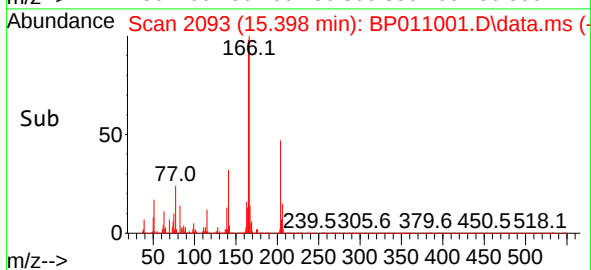
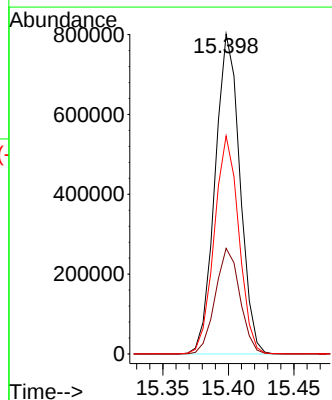
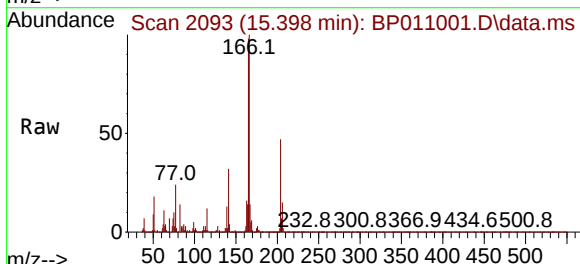
Instrument :
BNA_P
ClientSampleId :

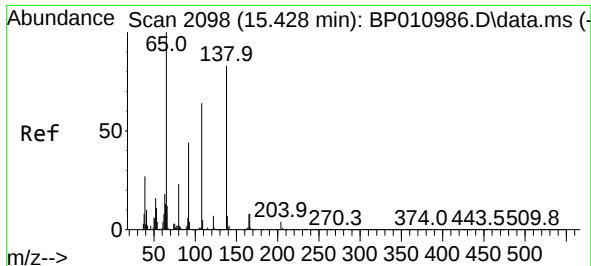
Tgt Ion:166 Resp: 2355625
Ion Ratio Lower Upper
166 100
165 97.7 77.4 116.2
167 13.5 10.8 16.2



#62
4-Chlorophenyl-phenylether
Concen: 43.495 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:204 Resp: 1054479
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 68.2 49.3 73.9

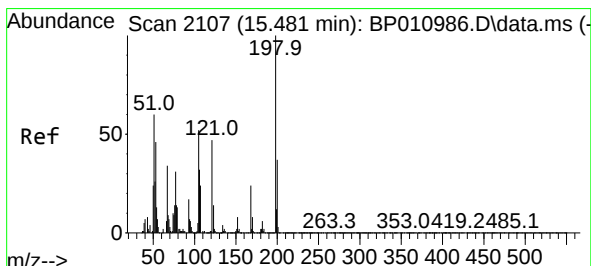
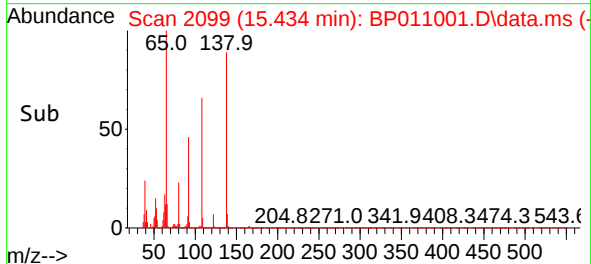
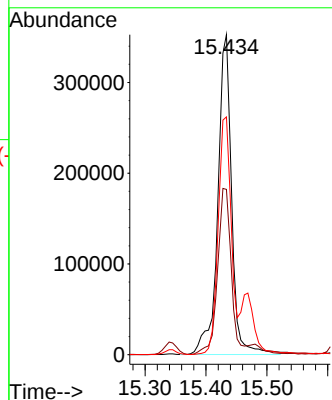
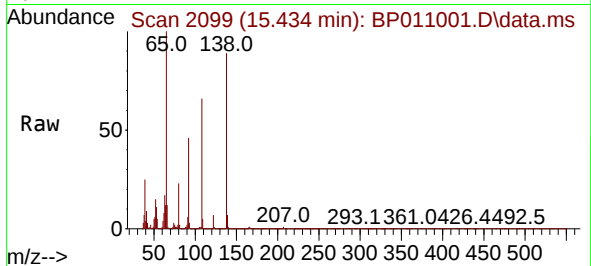




#63
4-Nitroaniline
Concen: 50.853 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

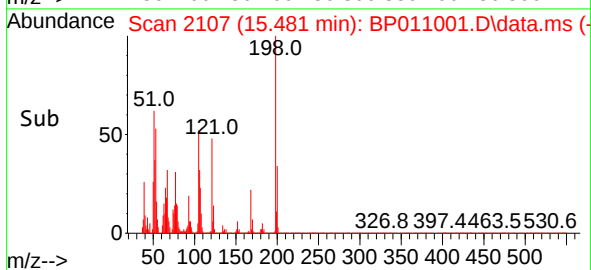
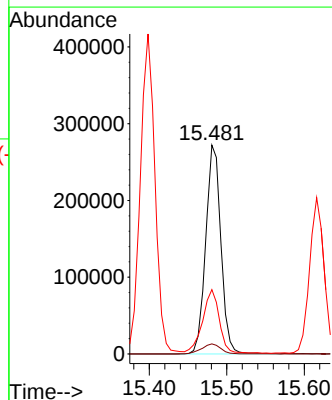
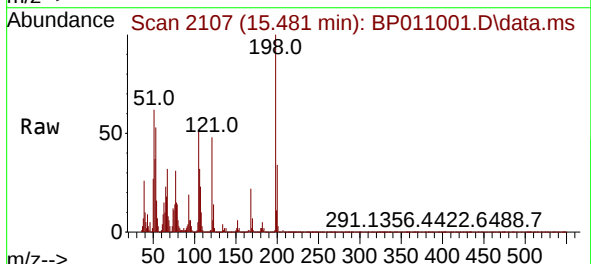
Instrument :
BNA_P
ClientSampleId :

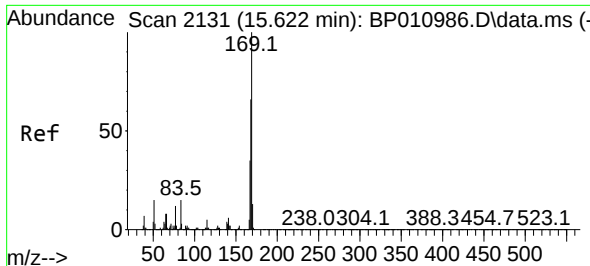
Tgt Ion:138 Resp: 556188
Ion Ratio Lower Upper
138 100
92 51.6 46.2 69.2
108 74.3 85.8 128.8#



#66
4,6-Dinitro-2-methylphenol
Concen: 45.497 ng/ul
RT: 15.481 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:198 Resp: 369568
Ion Ratio Lower Upper
198 100
182 4.8 4.3 6.5
77 30.8 23.7 35.5

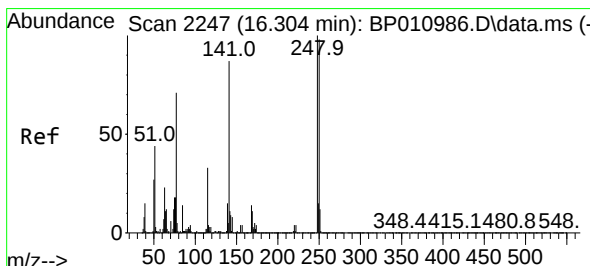
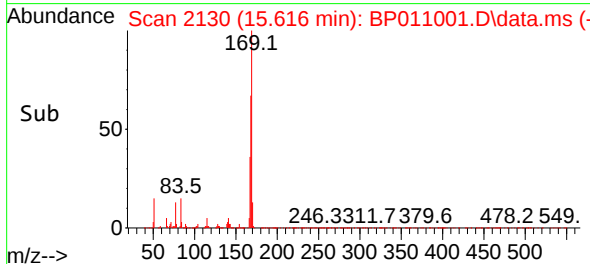
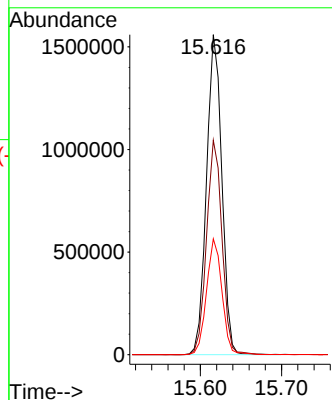
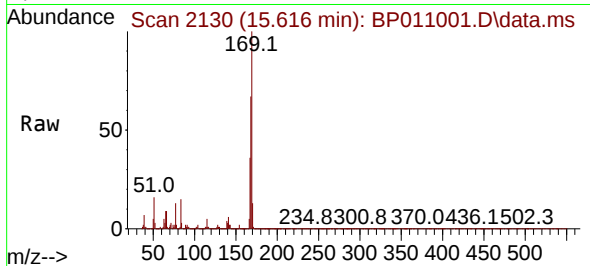




#67
N-Nitrosodiphenylamine
Concen: 44.578 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

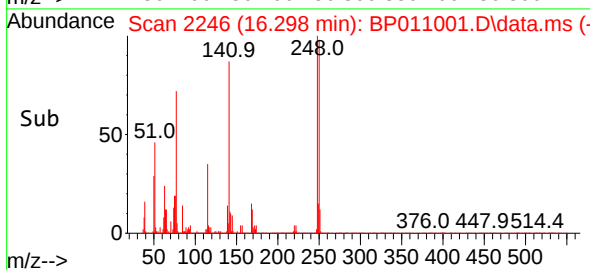
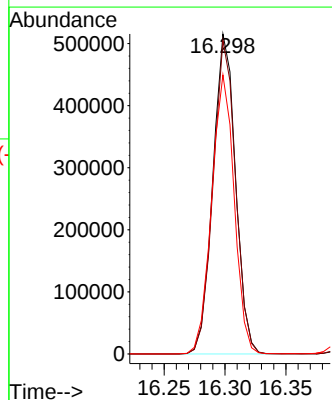
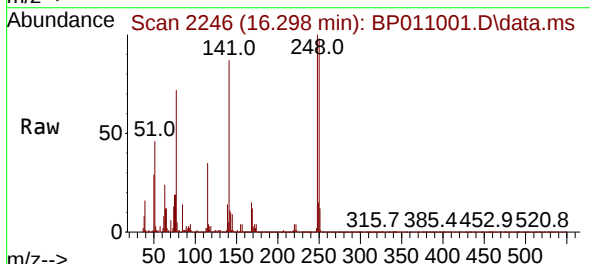
Instrument :
BNA_P
ClientSampleId :

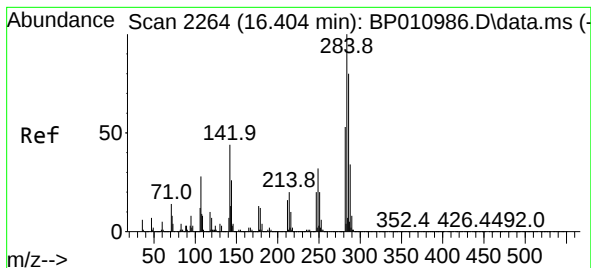
Tgt Ion:169 Resp: 2037624
Ion Ratio Lower Upper
169 100
168 67.0 52.6 78.8
167 36.2 27.8 41.6



#68
4-Bromophenyl-phenylether
Concen: 46.204 ng/ul
RT: 16.298 min Scan# 2246
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:248 Resp: 666794
Ion Ratio Lower Upper
248 100
250 97.9 80.8 121.2
141 87.2 63.9 95.9





#69

Hexachlorobenzene

Concen: 46.052 ng/ul

RT: 16.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

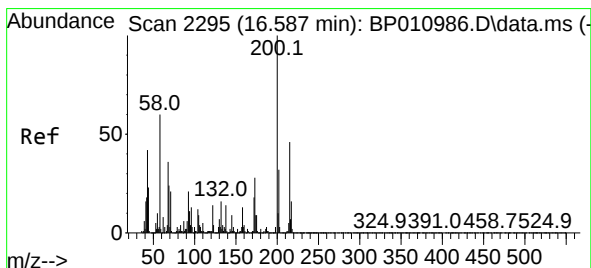
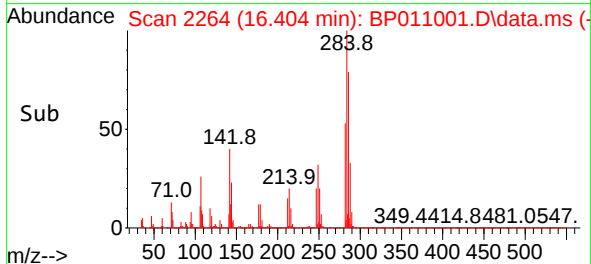
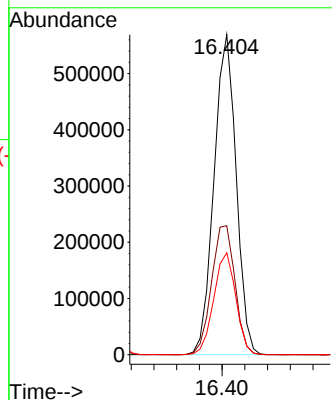
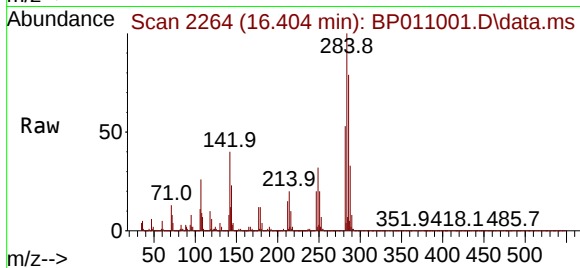
Tgt Ion:284 Resp: 771355

Ion Ratio Lower Upper

284 100

142 40.3 27.8 41.6

249 31.9 25.4 38.2



#70

Atrazine

Concen: 44.752 ng/ul

RT: 16.586 min Scan# 2295

Delta R.T. -0.006 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

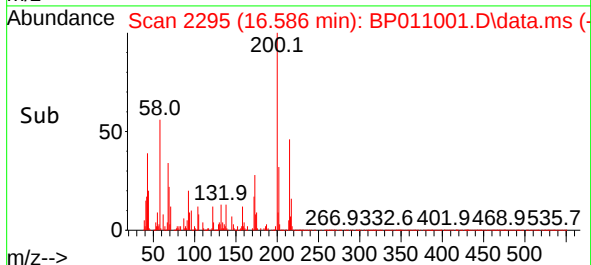
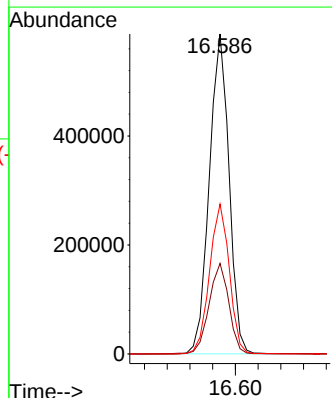
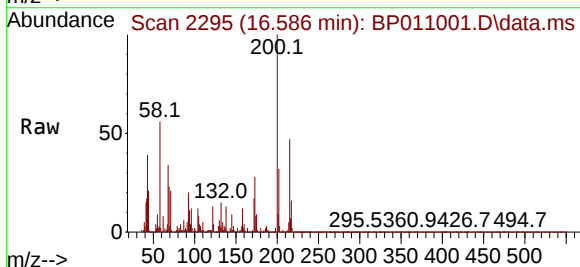
Tgt Ion:200 Resp: 707636

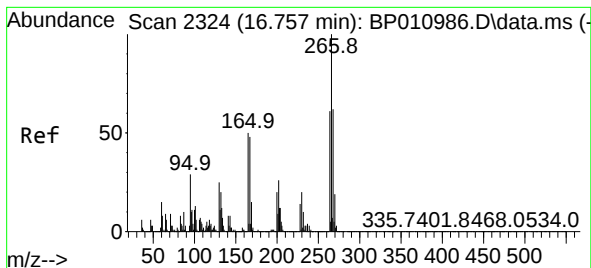
Ion Ratio Lower Upper

200 100

173 28.3 20.7 31.1

215 46.8 38.6 57.8





#71

Pentachlorophenol

Concen: 42.504 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

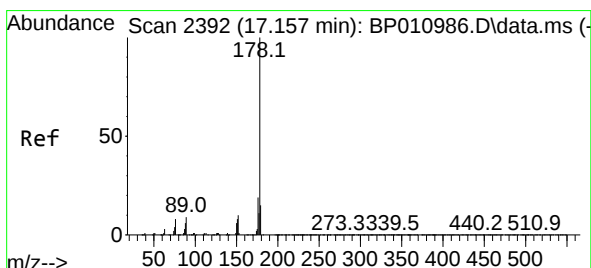
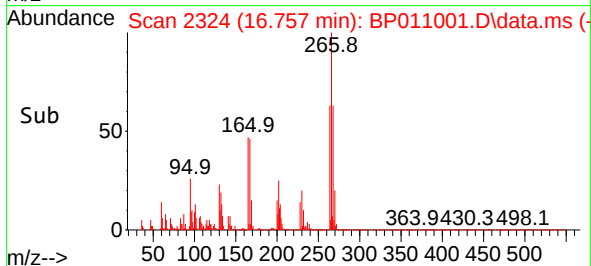
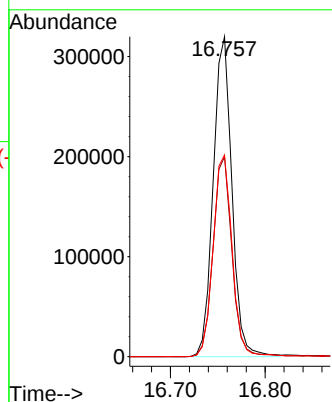
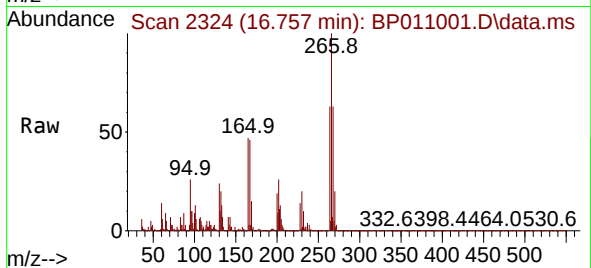
Tgt Ion:266 Resp: 438452

Ion Ratio Lower Upper

266 100

264 62.5 51.4 77.2

268 63.0 53.5 80.3



#72

Phenanthrene

Concen: 46.399 ng/ul

RT: 17.151 min Scan# 2391

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

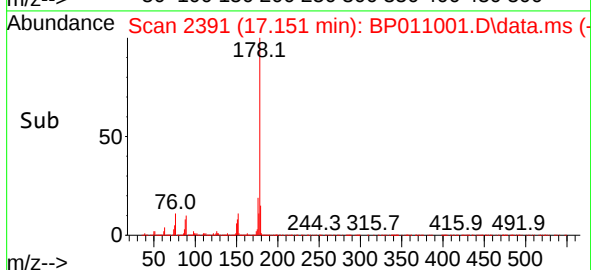
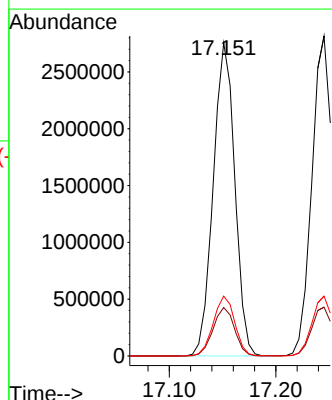
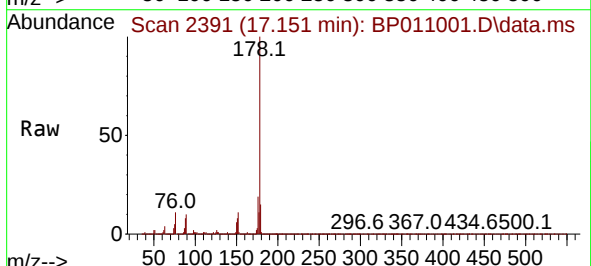
Tgt Ion:178 Resp: 3868141

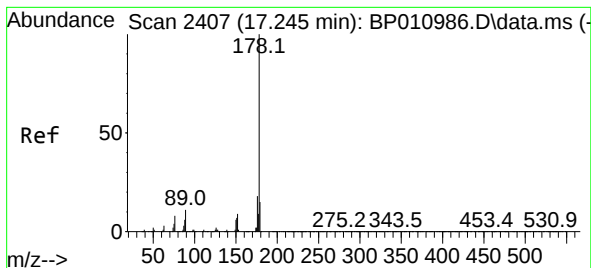
Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 19.1 14.6 22.0





#74

Anthracene

Concen: 46.990 ng/uI

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

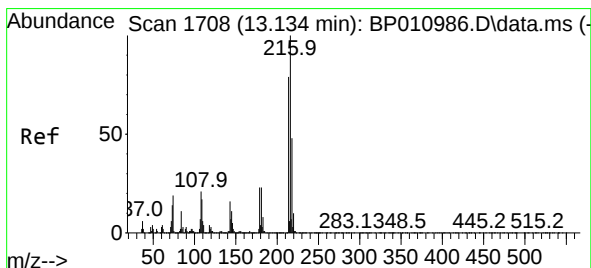
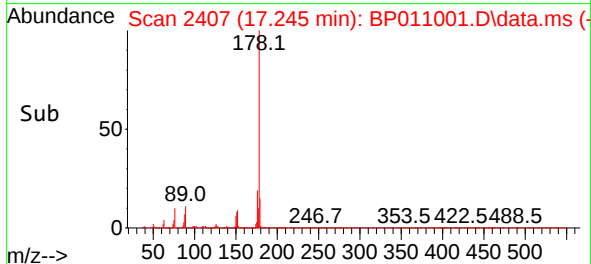
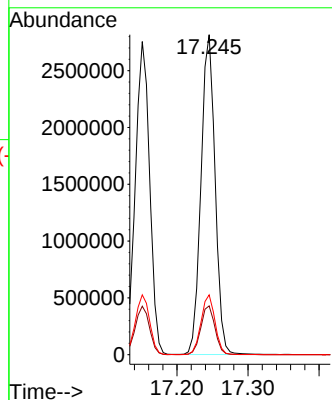
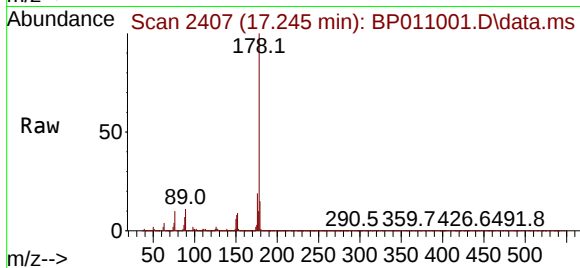
Tgt Ion:178 Resp: 3896739

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.7 14.5 21.7



#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.625 ng/uL

RT: 13.128 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

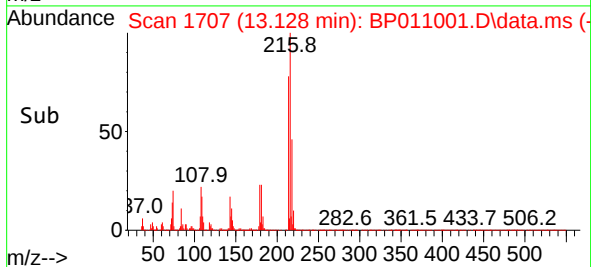
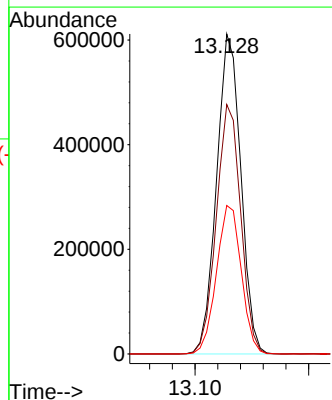
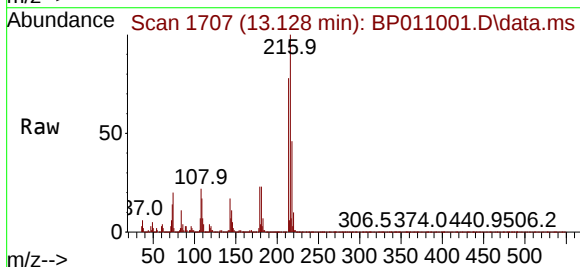
Tgt Ion:216 Resp: 907686

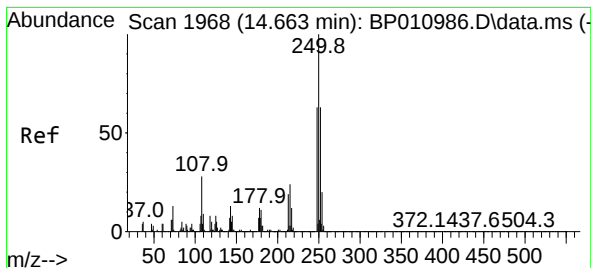
Ion Ratio Lower Upper

216 100

214 78.0 65.0 97.4

218 46.4 39.1 58.7





#76

Pentachlorobenzene

Concen: 42.679 ng/uL

RT: 14.657 min Scan# 1968

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

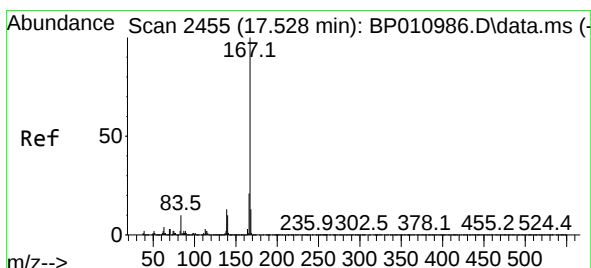
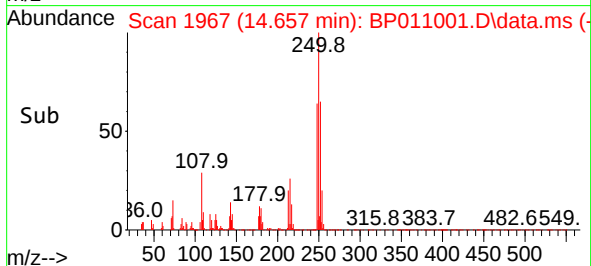
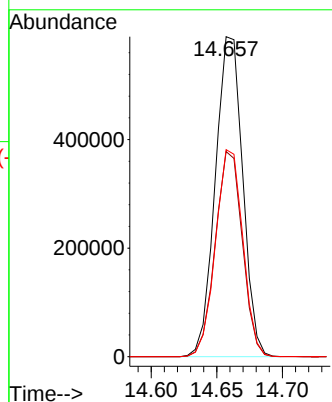
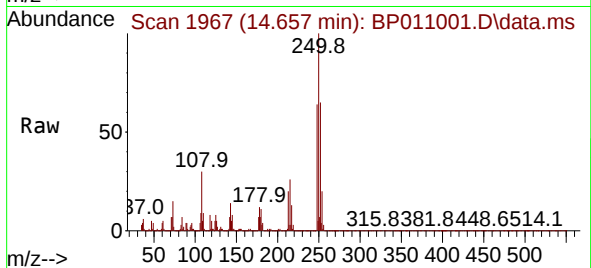
Tgt Ion:250 Resp: 857022

Ion Ratio Lower Upper

250 100

248 64.1 49.8 74.6

252 64.7 51.2 76.8



#77

Carbazole

Concen: 47.879 ng/uL

RT: 17.522 min Scan# 2454

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

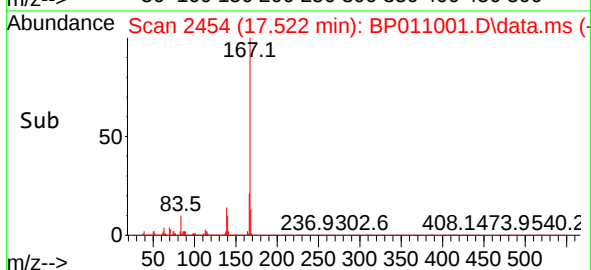
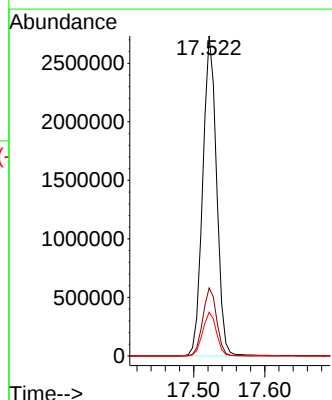
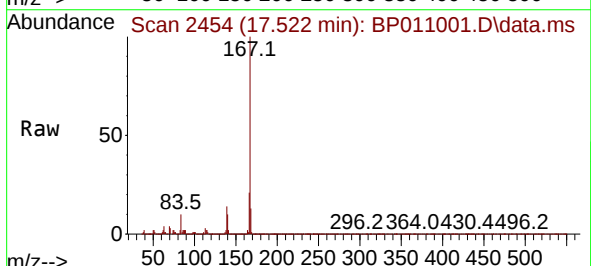
Tgt Ion:167 Resp: 3716141

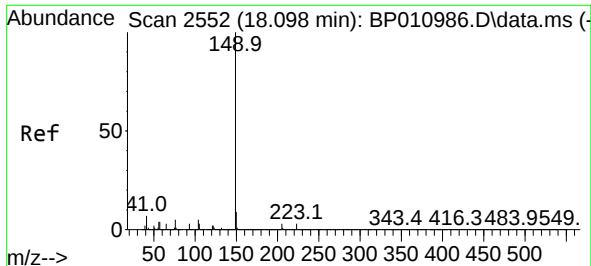
Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

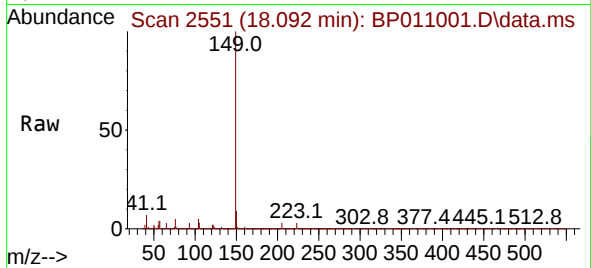
139 13.6 10.6 16.0



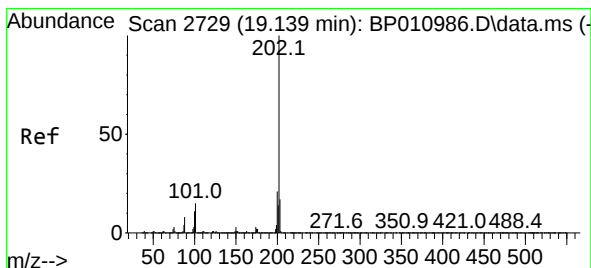
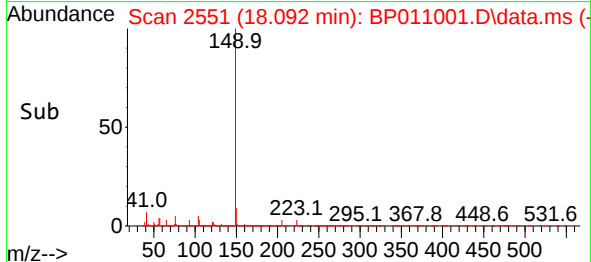
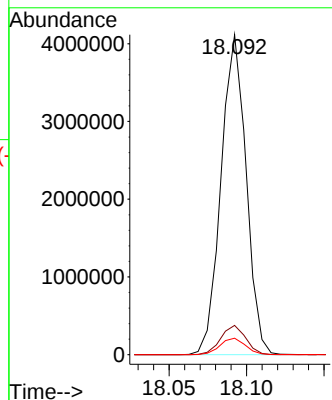


#78
Di-n-butylphthalate
Concen: 47.746 ng/ul
RT: 18.092 min Scan# 2551
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Instrument :
BNA_P
ClientSampleId :

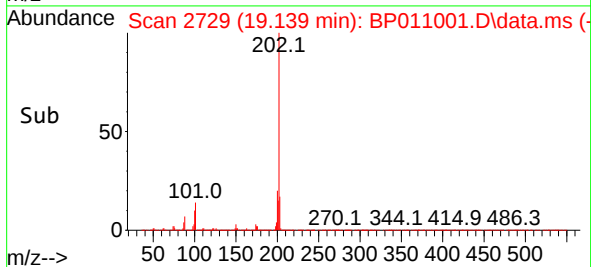
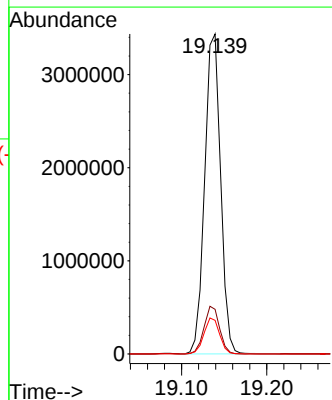
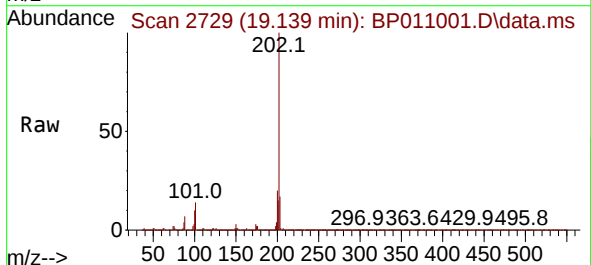


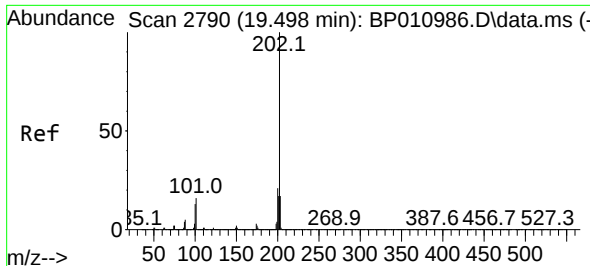
Tgt Ion:149 Resp: 4632224
Ion Ratio Lower Upper
149 100
150 9.1 7.1 10.7
104 5.2 4.6 6.8



#80
Fluoranthene
Concen: 48.296 ng/ul
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:202 Resp: 4456891
Ion Ratio Lower Upper
202 100
101 13.9 7.1 10.7#
100 10.5 5.7 8.5#

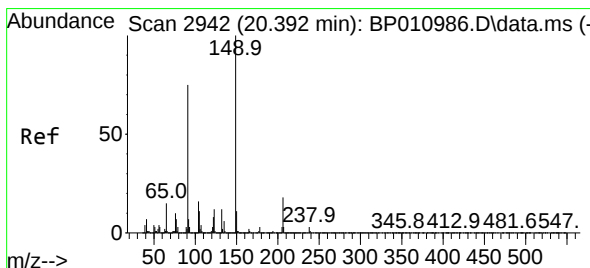
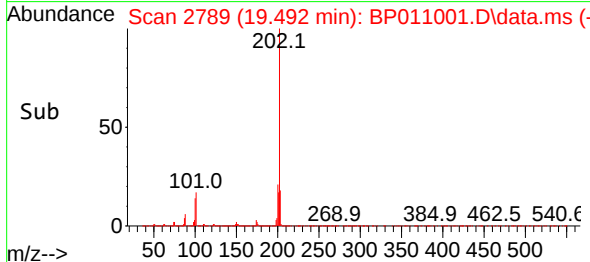
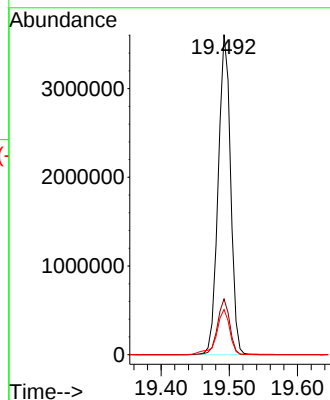
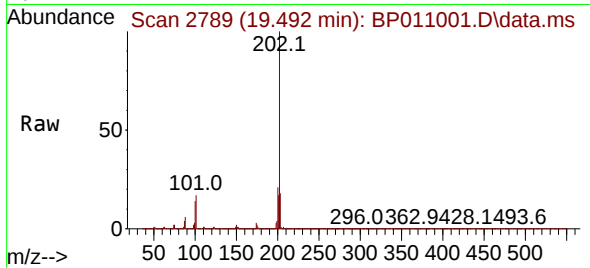




#82
Pyrene
Concen: 47.903 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

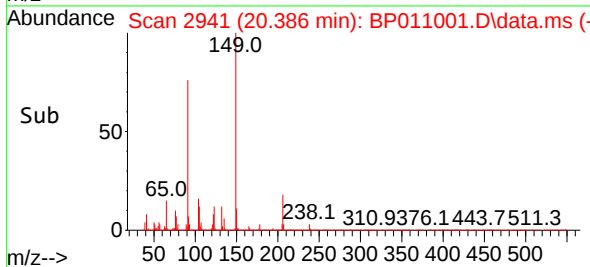
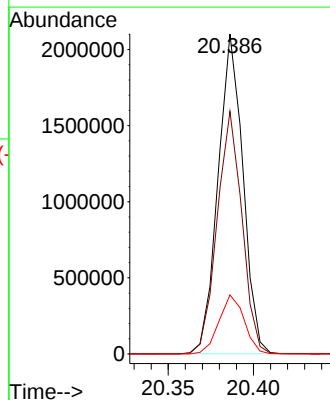
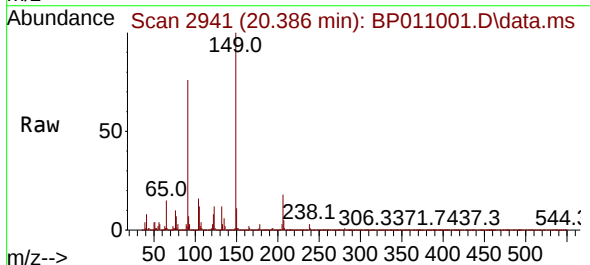
Instrument :
BNA_P
ClientSampleId :

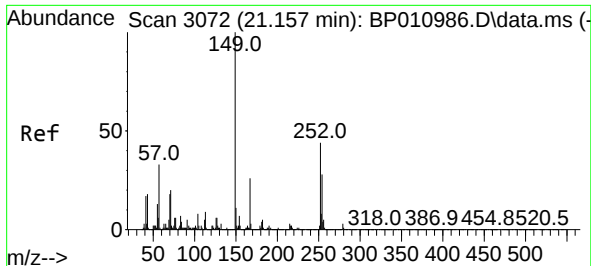
Tgt Ion:202 Resp: 4560881
Ion Ratio Lower Upper
202 100
101 17.4 7.9 11.9#
100 14.1 6.7 10.1#



#83
Butylbenzylphthalate
Concen: 50.265 ng/ul
RT: 20.386 min Scan# 2941
Delta R.T. -0.018 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:149 Resp: 2134974
Ion Ratio Lower Upper
149 100
91 75.8 60.0 90.0
206 18.5 17.4 26.2

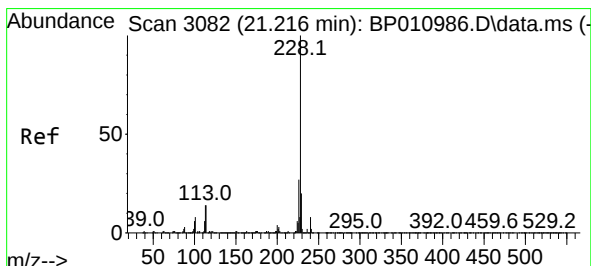
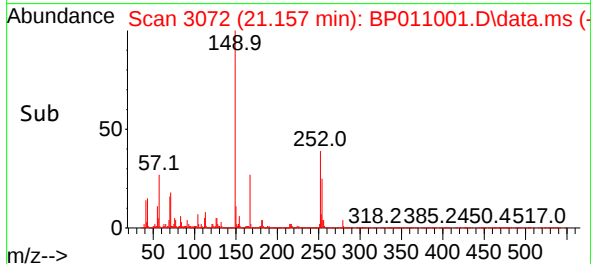
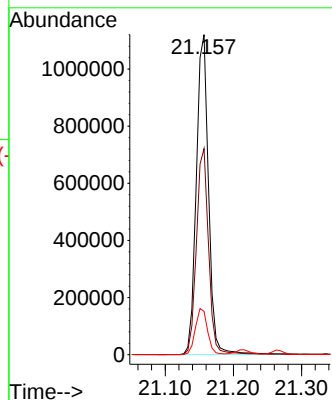
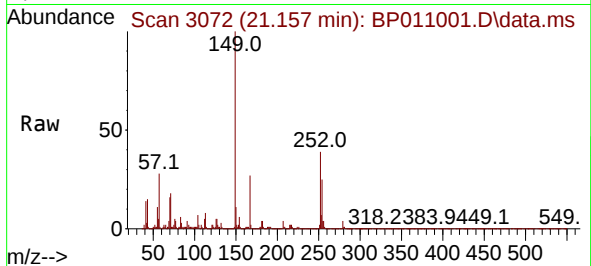




#84
3,3'-Dichlorobenzidine
Concen: 52.240 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

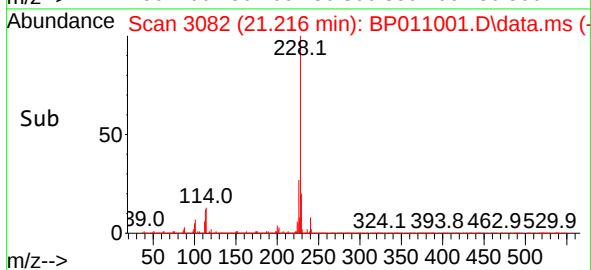
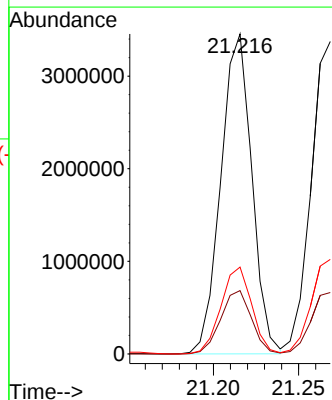
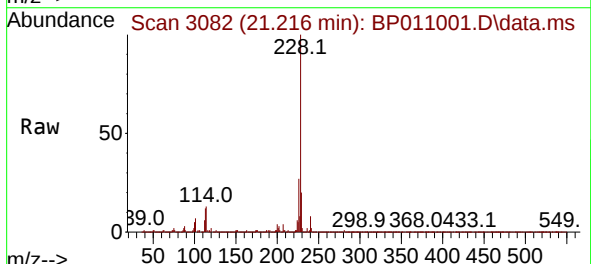
Instrument :
BNA_P
ClientSampleId :

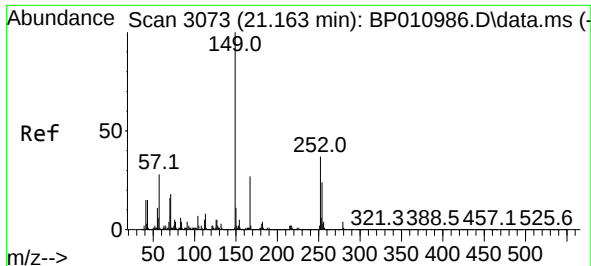
Tgt Ion:252 Resp: 1389661
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.4
126 13.5 8.6 12.8#



#85
Benzo(a)anthracene
Concen: 47.833 ng/ul
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:228 Resp: 4376369
Ion Ratio Lower Upper
228 100
229 19.8 15.0 22.4
226 27.1 20.6 31.0

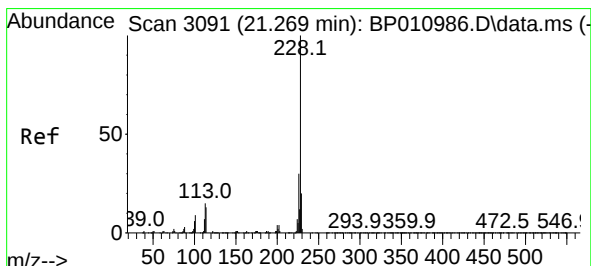
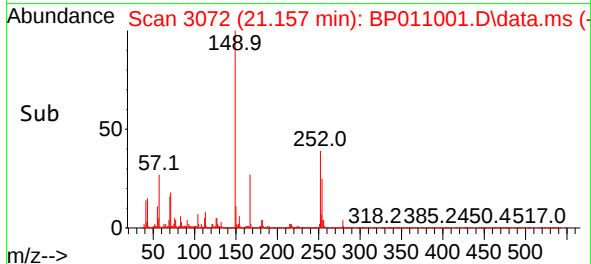
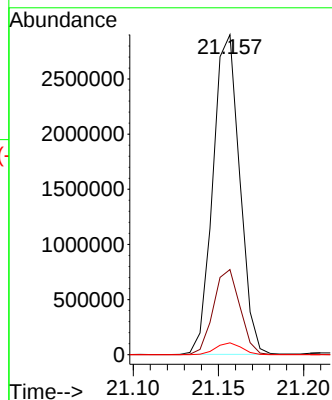
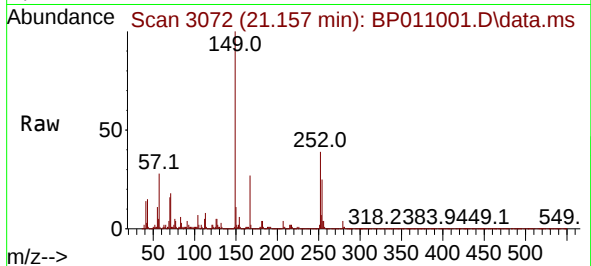




#86
Bis(2-ethylhexyl)phthalate
Concen: 50.024 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

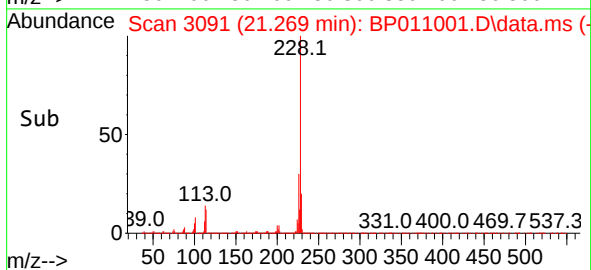
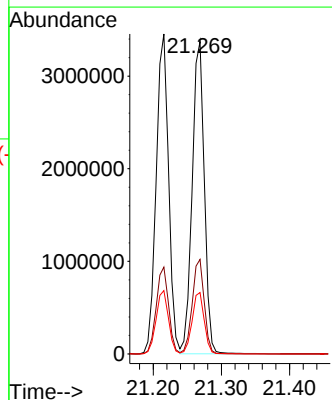
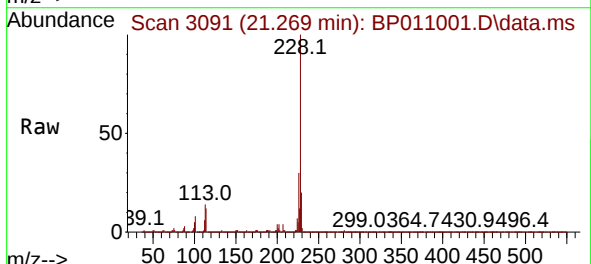
Instrument :
BNA_P
ClientSampleId :

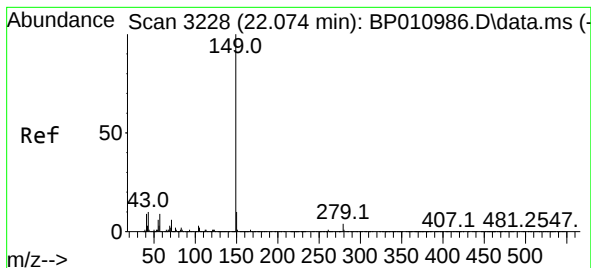
Tgt Ion:149 Resp: 3170242
Ion Ratio Lower Upper
149 100
167 26.6 22.6 33.8
279 3.7 4.2 6.4#



#87
Chrysene
Concen: 46.177 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. -0.012 min
Lab File: BP011001.D
Acq: 18 Jul 2022 19:53

Tgt Ion:228 Resp: 4148422
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 19.7 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 51.335 ng/ul

RT: 22.069 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP011001.D

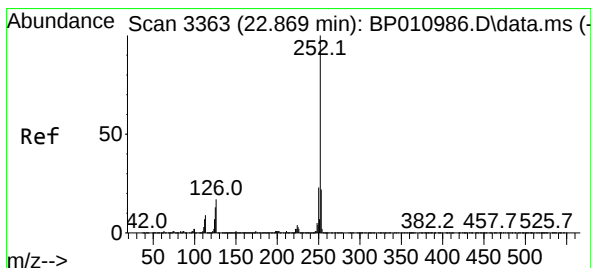
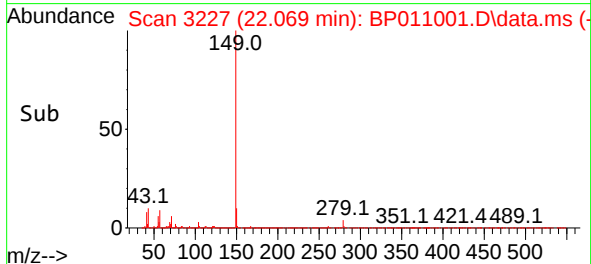
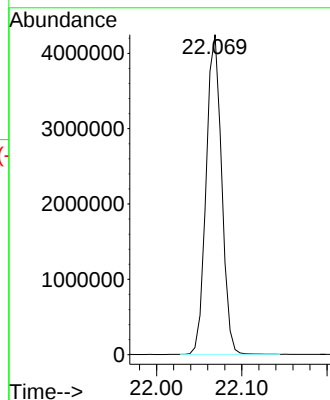
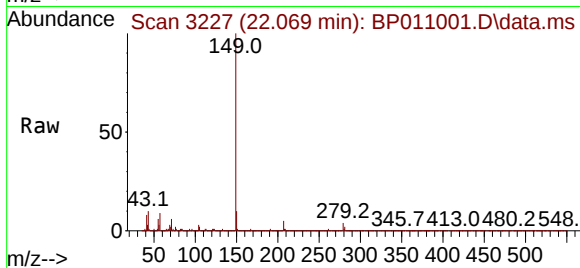
Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:149 Resp: 5348145



#90

Benzo(b)fluoranthene

Concen: 47.296 ng/ul

RT: 22.868 min Scan# 3363

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

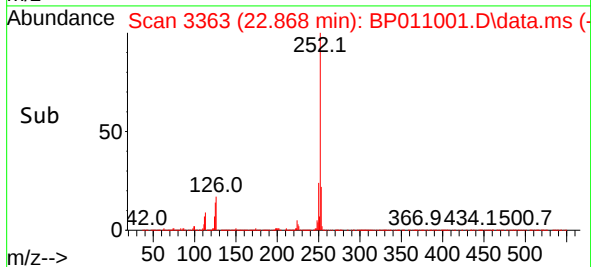
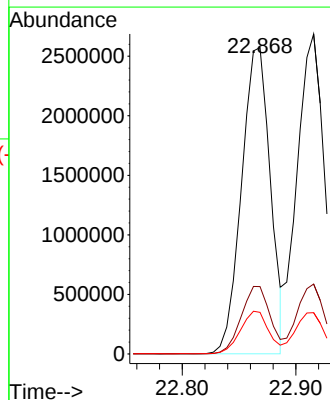
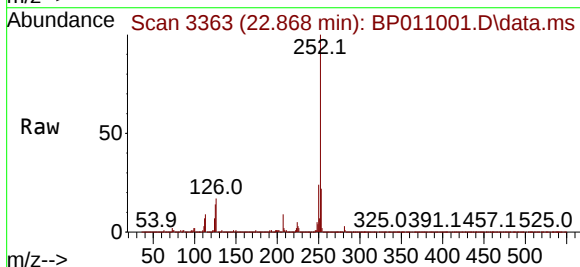
Tgt Ion:252 Resp: 4536439

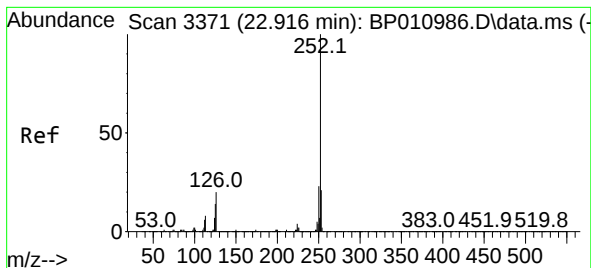
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 13.6 6.2 9.2#





#91

Benzo(k)fluoranthene

Concen: 50.197 ng/ul

RT: 22.916 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

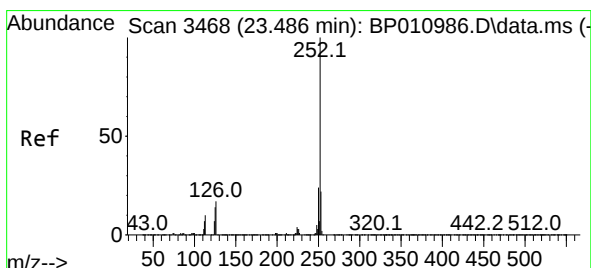
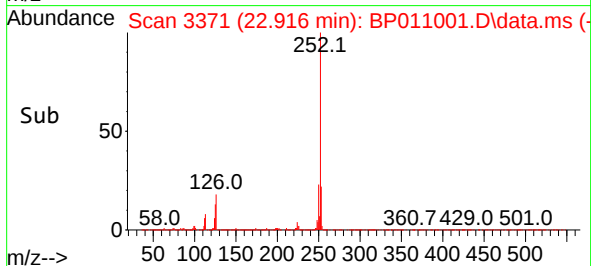
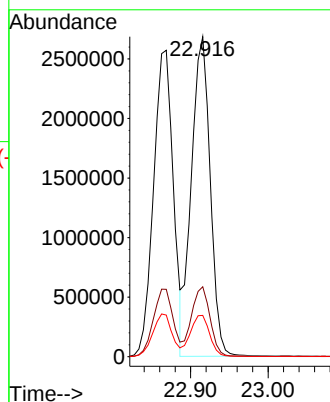
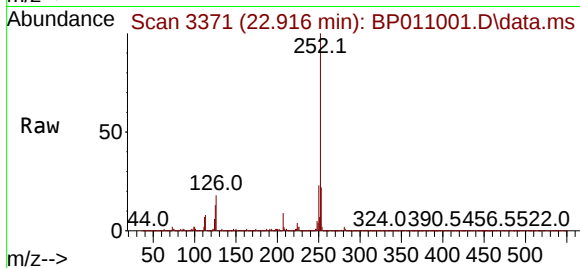
Tgt Ion:252 Resp: 4522525

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 12.9 6.2 9.4#



#93

Benzo(a)pyrene

Concen: 43.757 ng/ul

RT: 23.480 min Scan# 3467

Delta R.T. -0.018 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

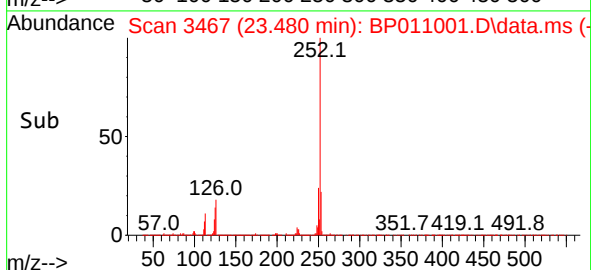
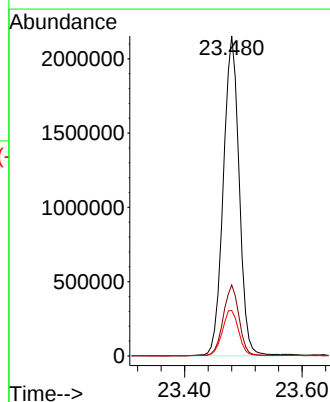
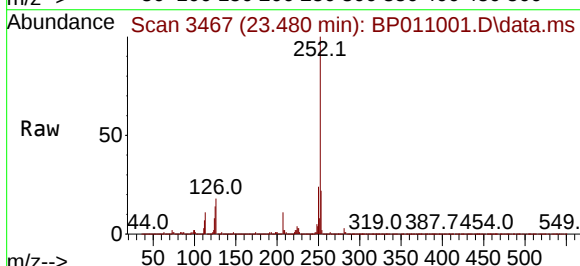
Tgt Ion:252 Resp: 4030665

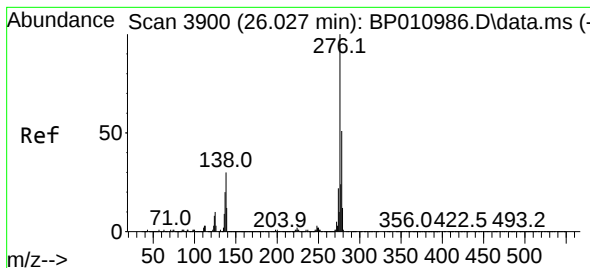
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 14.2 6.6 10.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 50.169 ng/ul

RT: 26.021 min Scan# 3900

Delta R.T. -0.023 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

Instrument :

BNA_P

ClientSampleId :

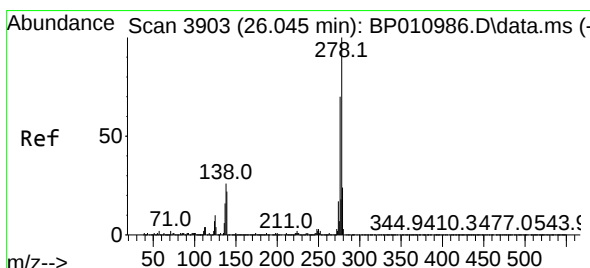
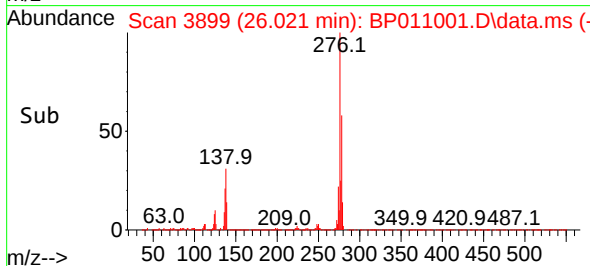
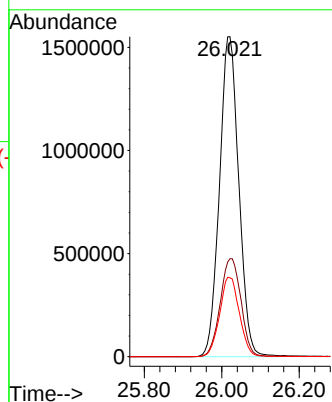
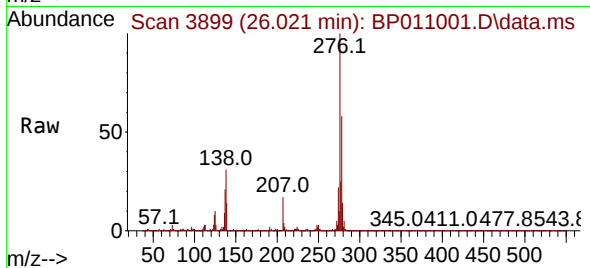
Tgt Ion:276 Resp: 5370519

Ion Ratio Lower Upper

276 100

138 30.6 14.6 22.0#

277 24.7 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 48.401 ng/ul

RT: 26.045 min Scan# 3903

Delta R.T. -0.023 min

Lab File: BP011001.D

Acq: 18 Jul 2022 19:53

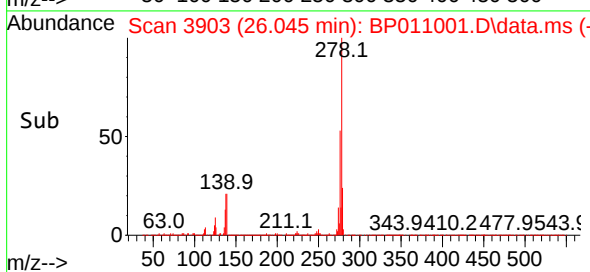
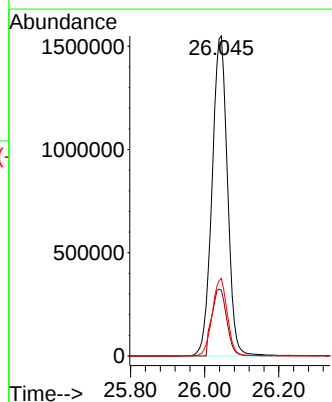
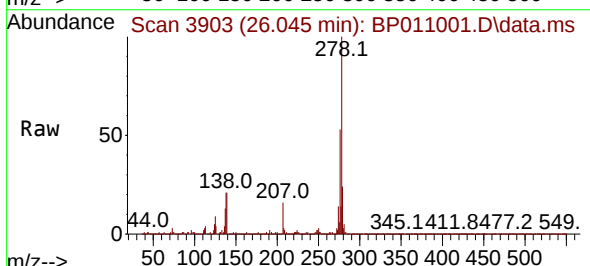
Tgt Ion:278 Resp: 4483416

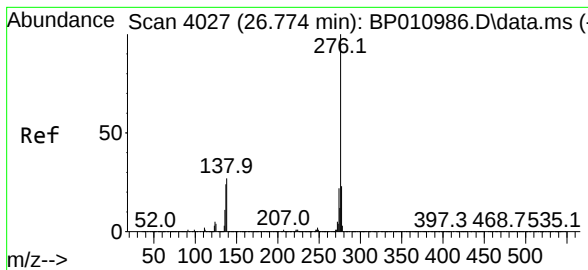
Ion Ratio Lower Upper

278 100

139 20.6 9.4 14.2#

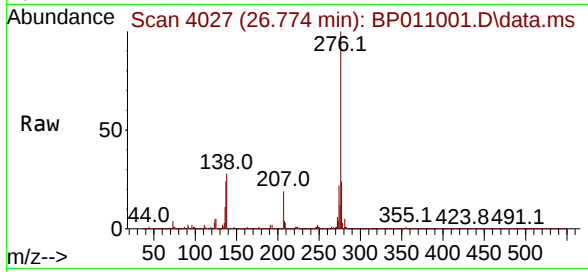
279 24.3 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 48.485 ng/ul
 RT: 26.774 min Scan# 40
 Delta R.T. -0.018 min
 Lab File: BP011001.D
 Acq: 18 Jul 2022 19:53

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 4420560
 Ion Ratio Lower Upper
 276 100
 138 27.7 12.7 19.1#
 277 23.5 18.2 27.4

