

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011280.D
 Acq On : 05 Aug 2022 16:03
 Operator : CG/JU
 Sample : N4026-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 05 23:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	140625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	609074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	379496	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.039	188	672867	20.000	ng/u1	0.00
79) Chrysene-d12	21.169	240	849647	20.000	ng/u1	0.00
88) Perylene-d12	23.480	264	787028	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	4507	2.591	ng/uL	0.00
4) Pyridine-d5	3.505	84	32244	6.873	ng/u1	0.00
7) Phenol-d5	6.781	99	63651	5.431	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	292474	34.586	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	201149	21.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	105208	10.910	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	188322	42.987	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	136010	33.121	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	254631	32.517	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	155358	12.824	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	848691	32.652	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1259157	38.504	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	22992	5.202	ng/u1	0.00
60) Fluorene-d10	15.275	176	918362	41.525	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	139441	44.630	ng/u1	0.00
73) Anthracene-d10	17.139	188	1439154	48.666	ng/u1	0.00
81) Pyrene-d10	19.404	212	1571831	36.590	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.333	264	1716278	43.762	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	5751	3.585	ng/uL#	72
5) Pyridine	3.528	79	35481	7.469	ng/u1	92
6) Benzaldehyde	6.752	77	261163	45.587	ng/u1	97
8) Phenol	6.811	94	69526	5.533	ng/u1#	95
10) Bis(2-Chloroethyl)ether	7.040	93	363020	35.206	ng/u1	97
12) 2-Chlorophenol	7.164	128	246558	24.850	ng/u1	98
13) 2-Methylphenol	8.058	108	133443	14.035	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.140	45	576145	32.790	ng/u1	96
16) Acetophenone	8.428	105	755773	48.363	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	275135	36.182	ng/u1	99
18) 4-Methylphenol	8.387	108	154390	15.141	ng/u1	99
19) Hexachloroethane	8.663	117	200705	42.184	ng/u1	99
22) Nitrobenzene	8.805	77	538095	44.820	ng/u1	98
23) Isophorone	9.334	82	704625	32.983	ng/u1	99
25) 2-Nitrophenol	9.510	139	181825	38.263	ng/u1	95
26) 2,4-Dimethylphenol	9.581	107	243342	22.635	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	470879	35.010	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	310788	37.976	ng/u1	97
30) Naphthalene	10.440	128	1404197	43.671	ng/u1	100
32) 4-Chloroaniline	10.563	127	404442	32.961	ng/u1	99
33) Hexachlorobutadiene	10.722	225	230095	45.011	ng/u1	99
34) Caprolactam	11.369	113	4681	1.931	ng/u1#	67
35) 4-Chloro-3-methylphenol	11.704	107	240010	25.933	ng/u1	97
36) 2-Methylnaphthalene	12.069	142	776467	38.647	ng/u1	100

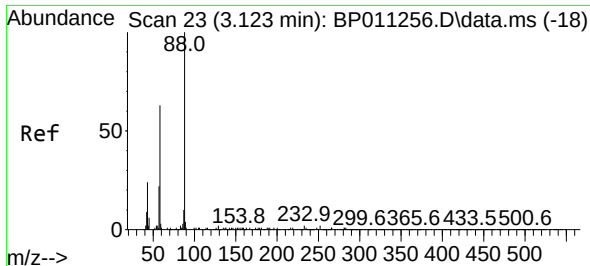
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	835498	41.398	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	413117	39.804	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	151382	23.085	ng/ul	100
41) 2,4,6-Trichlorophenol	12.693	196	199681	30.711	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	240882	34.522	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	1215302	40.125	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	917551	40.609	ng/ul	99
45) 2-Nitroaniline	13.357	65	169814	31.245	ng/ul	98
47) Dimethylphthalate	13.746	163	997349	38.037	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	167151	42.468	ng/ul	99
50) Acenaphthylene	13.987	152	1580294	42.766	ng/ul	99
51) 3-Nitroaniline	14.198	138	150252	34.609	ng/ul	95
52) Acenaphthene	14.334	153	1025770	42.916	ng/ul	95
53) 2,4-Dinitrophenol	14.404	184	75607	32.348	ng/ul	99
55) 4-Nitrophenol	14.516	109	20799	5.214	ng/ul	89
56) Dibenzofuran	14.675	168	1481917	45.306	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	282704	45.607	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	193360	36.700	ng/ul	99
59) Diethylphthalate	15.122	149	919057	33.963	ng/ul	99
61) Fluorene	15.328	166	1213203	46.551	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	534913	46.478	ng/ul	96
63) 4-Nitroaniline	15.369	138	150276	41.371	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.422	198	146450	45.330	ng/ul	94
67) N-Nitrosodiphenylamine	15.551	169	874125	44.446	ng/ul	97
68) 4-Bromophenyl-phenylether	16.234	248	266863	43.965	ng/ul	96
69) Hexachlorobenzene	16.334	284	352061	49.653	ng/ul	96
70) Atrazine	16.522	200	173419	29.477	ng/ul	98
71) Pentachlorophenol	16.692	266	164589	39.633	ng/ul	98
72) Phenanthrene	17.087	178	1863096	50.574	ng/ul	100
74) Anthracene	17.175	178	1880539	51.329	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	380909	36.992	ng/ul	100
76) Pentachlorobenzene	14.587	250	430870	49.086	ng/ul	99
77) Carbazole	17.457	167	1646267	50.101	ng/ul	99
78) Di-n-butylphthalate	18.028	149	1259603	30.903	ng/ul#	96
80) Fluoranthene	19.075	202	1968607	37.470	ng/ul	99
82) Pyrene	19.428	202	2213682	40.377	ng/ul	99
83) Butylbenzylphthalate	20.328	149	373347	17.834	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.098	252	351200	25.273	ng/ul	98
85) Benzo(a)anthracene	21.157	228	2170283	40.869	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.098	149	692024	19.347	ng/ul	100
87) Chrysene	21.204	228	2152328	41.178	ng/ul	99
89) Di-n-octyl phthalate	21.998	149	1224770	22.824	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	2280507	45.482	ng/ul	99
91) Benzo(k)fluoranthene	22.827	252	2214399	47.073	ng/ul	100
93) Benzo(a)pyrene	23.386	252	2248619	46.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.874	276	2580752	44.305	ng/ul	98
95) Dibenzo(a,h)anthracene	25.892	278	2235878	45.264	ng/ul	99
96) Benzo(g,h,i)perylene	26.604	276	2182542	43.724	ng/ul	98

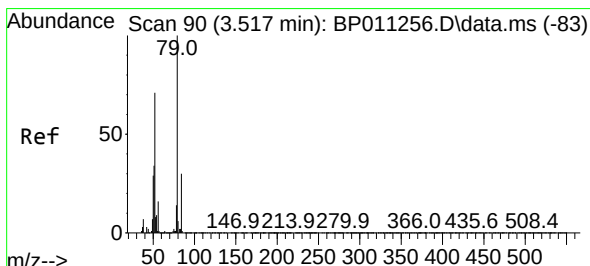
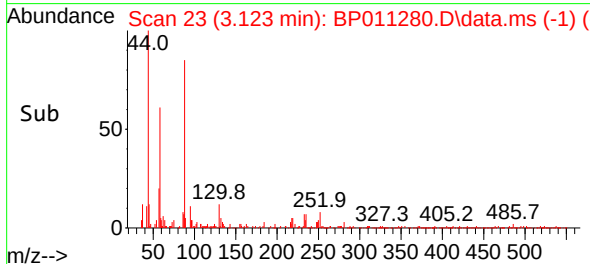
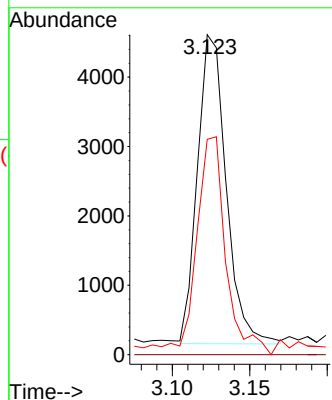
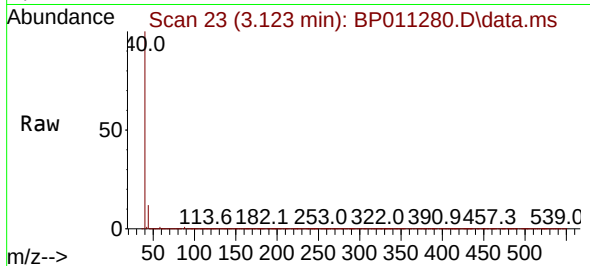
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#2
1,4-Dioxane
Concen: 3.585 ng/uL
RT: 3.123 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP011280.D
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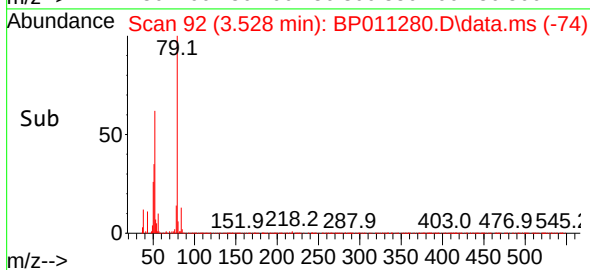
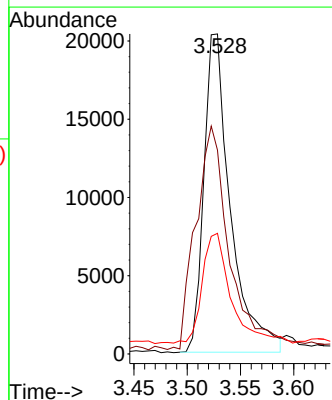
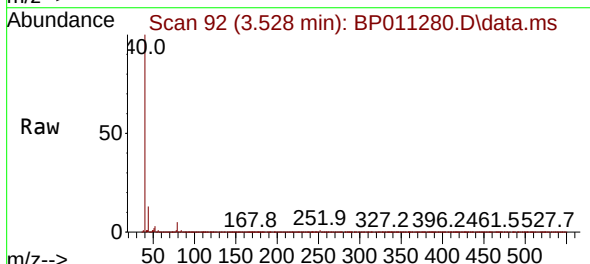
Instrument :
BNA_P
ClientSampleId :

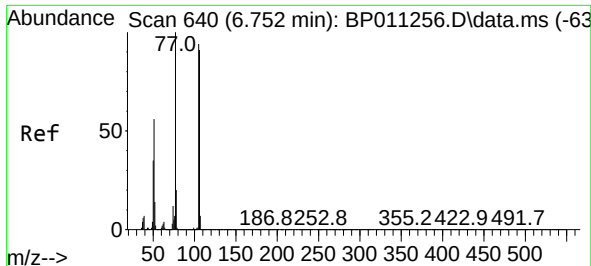
Tgt Ion: 88 Resp: 5751
Ion Ratio Lower Upper
88 100
43 0.0 29.6 44.4#
58 67.3 49.1 73.7



#5
Pyridine
Concen: 7.469 ng/uL
RT: 3.528 min Scan# 92
Delta R.T. 0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion: 79 Resp: 35481
Ion Ratio Lower Upper
79 100
52 63.7 57.8 86.6
51 37.7 31.5 47.3

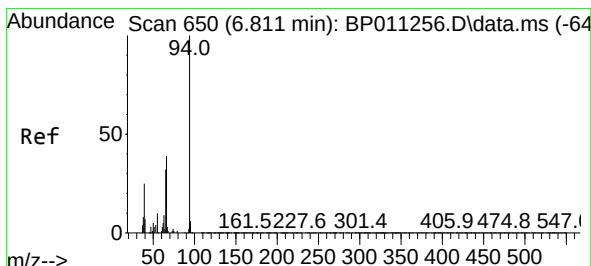
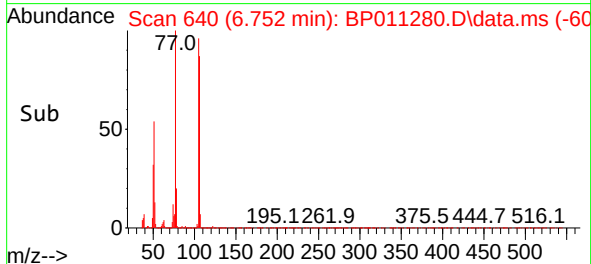
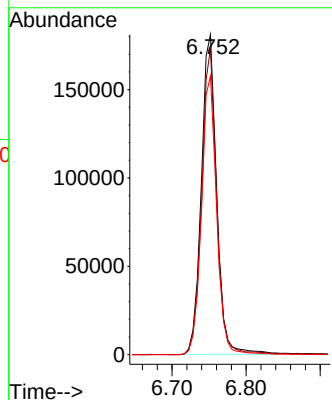
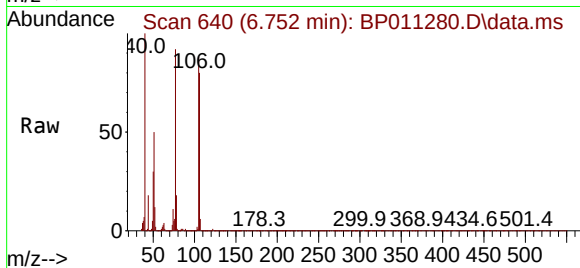




#6
Benzaldehyde
Concen: 45.587 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

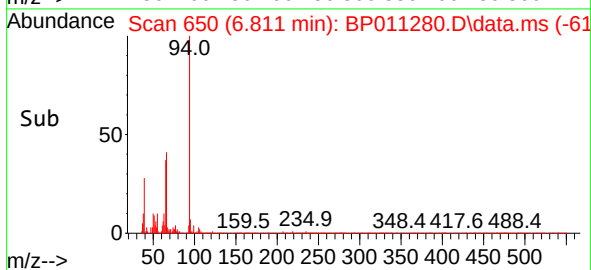
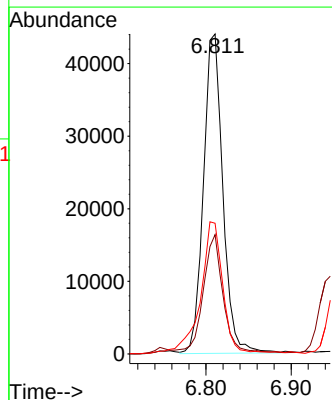
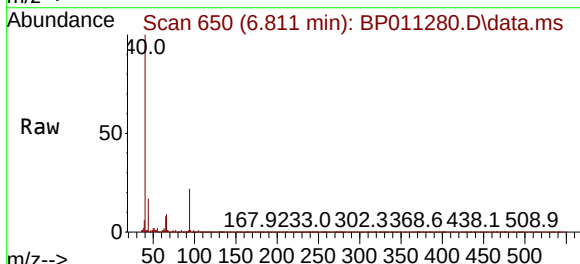
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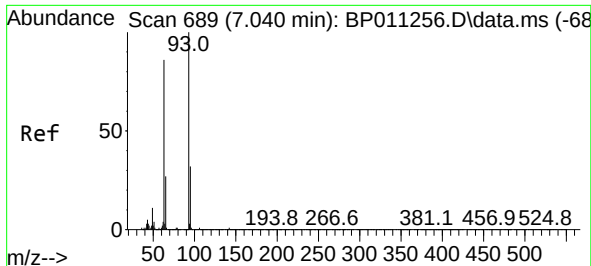
Tgt Ion: 77 Resp: 261163
Ion Ratio Lower Upper
77 100
105 95.6 72.0 108.0
106 87.1 69.4 104.0



#8
Phenol
Concen: 5.533 ng/ul
RT: 6.811 min Scan# 650
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion: 94 Resp: 69526
Ion Ratio Lower Upper
94 100
65 37.3 24.7 37.1#
66 40.8 32.6 49.0

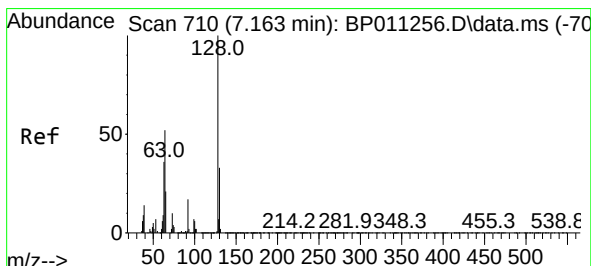
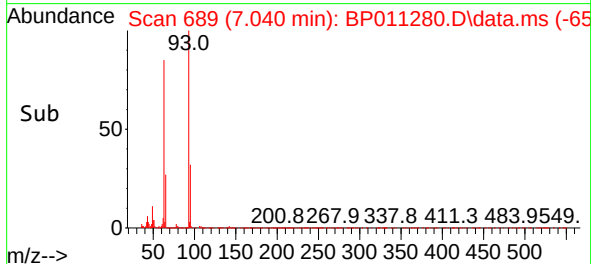
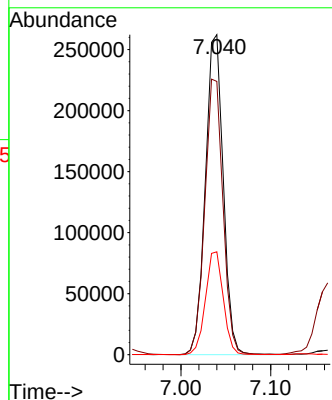
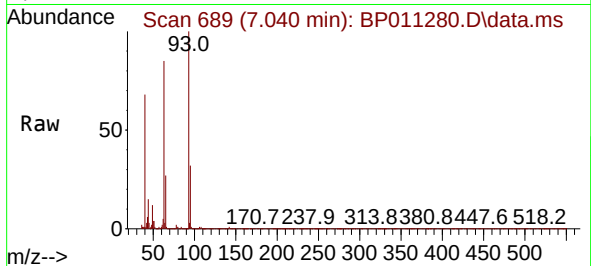




#10
Bis(2-Chloroethyl)ether
Concen: 35.206 ng/ul
RT: 7.040 min Scan# 689
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

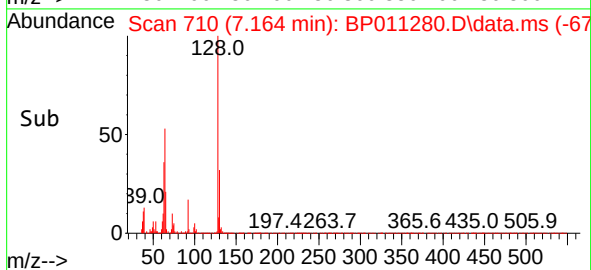
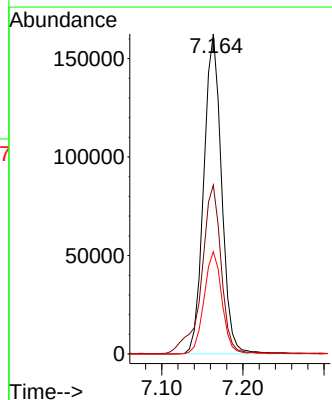
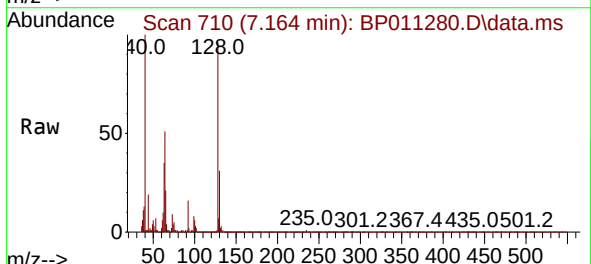
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ClientSampleId :

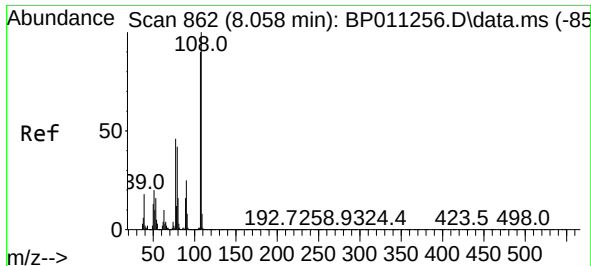
Tgt Ion: 93 Resp: 363020
Ion Ratio Lower Upper
93 100
63 85.4 71.0 106.6
95 32.1 26.0 39.0



#12
2-Chlorophenol
Concen: 24.850 ng/ul
RT: 7.164 min Scan# 710
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion: 128 Resp: 246558
Ion Ratio Lower Upper
128 100
64 52.7 43.8 65.6
130 32.0 25.4 38.2





#13

2-Methylphenol

Concen: 14.035 ng/ul

RT: 8.058 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

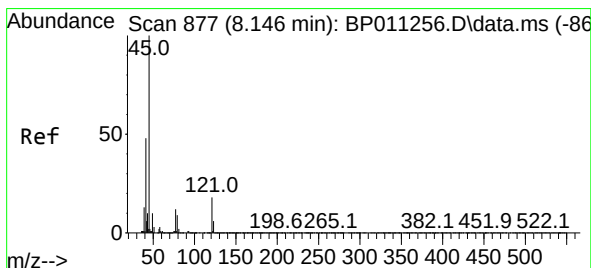
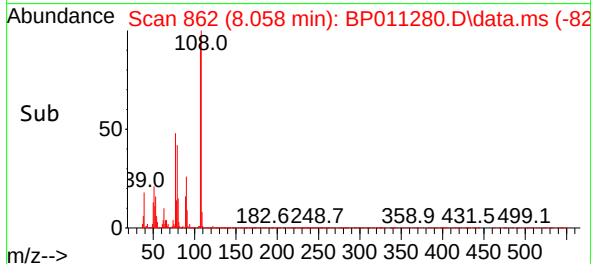
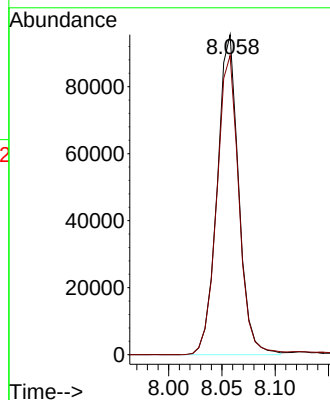
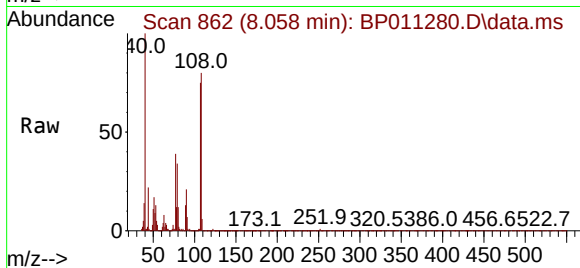
ClientSampleId :

Tgt Ion:108 Resp: 133443

Ion Ratio Lower Upper

108 100

107 93.5 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 32.790 ng/ul

RT: 8.140 min Scan# 876

Delta R.T. 0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

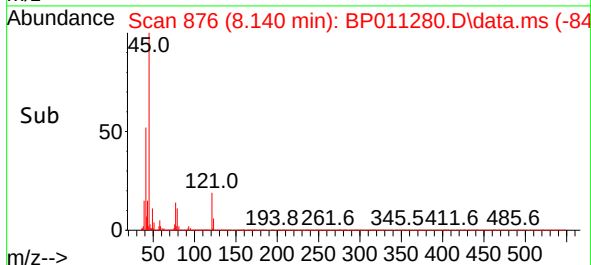
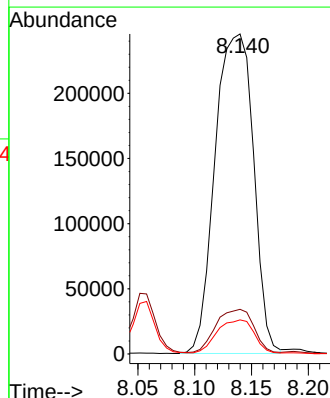
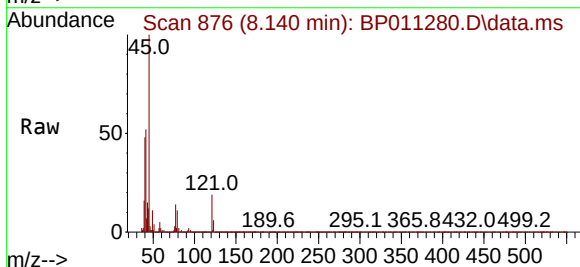
Tgt Ion: 45 Resp: 576145

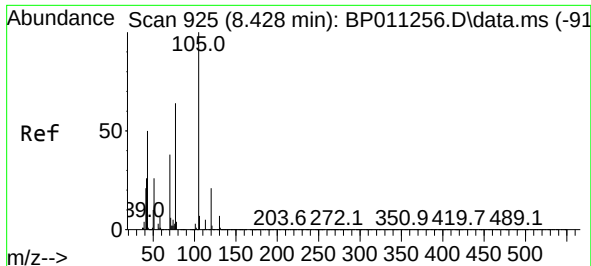
Ion Ratio Lower Upper

45 100

77 13.9 9.9 14.9

79 10.6 7.2 10.8

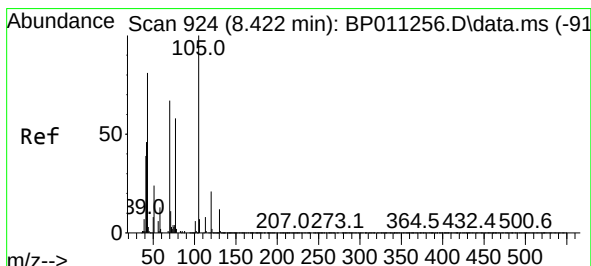
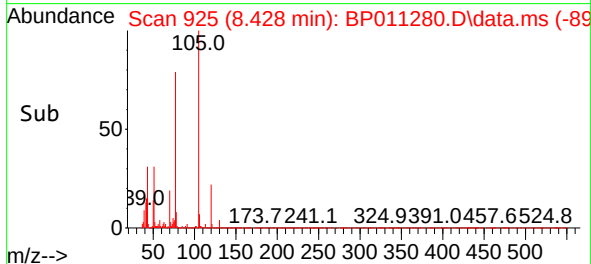
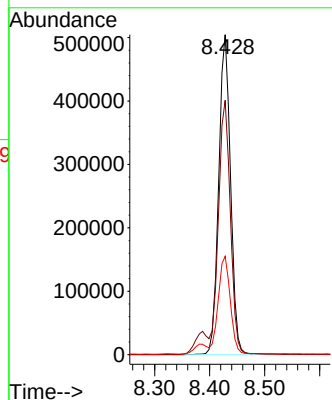
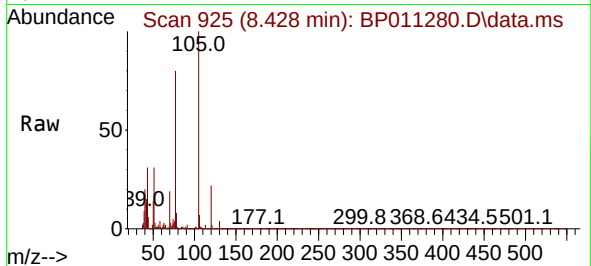




#16
Acetophenone
Concen: 48.363 ng/ul
RT: 8.428 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

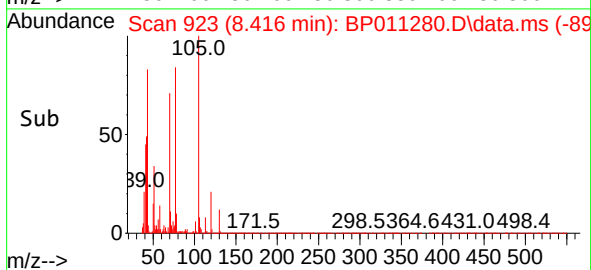
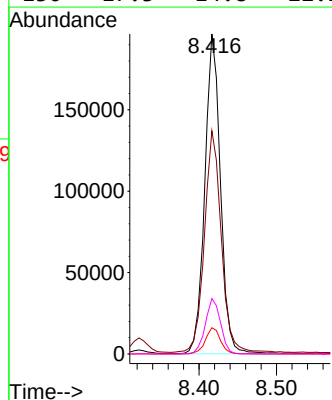
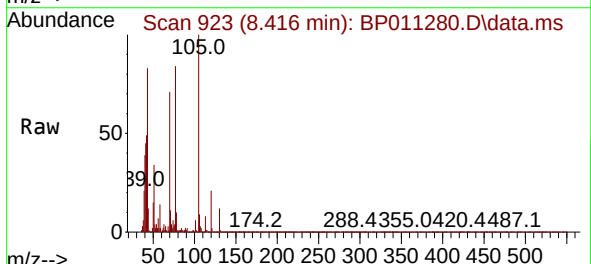
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BNA_P
ClientSampleId :

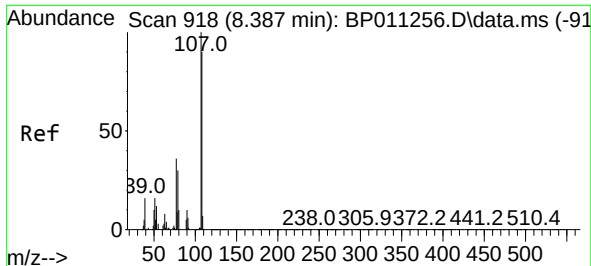
Tgt Ion:105 Resp: 755773
Ion Ratio Lower Upper
105 100
77 79.5 65.4 98.0
51 30.8 26.5 39.7



#17
N-Nitroso-di-n-propylamine
Concen: 36.182 ng/ul
RT: 8.416 min Scan# 923
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion: 70 Resp: 275135
Ion Ratio Lower Upper
70 100
42 69.8 55.5 83.3
101 8.2 7.1 10.7
130 17.3 14.8 22.2

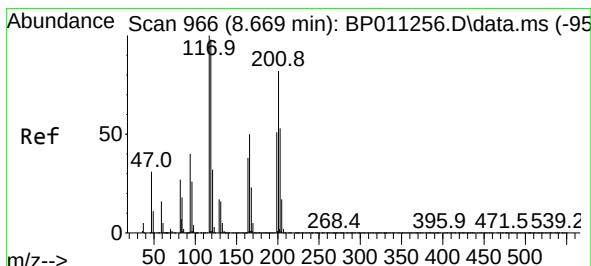
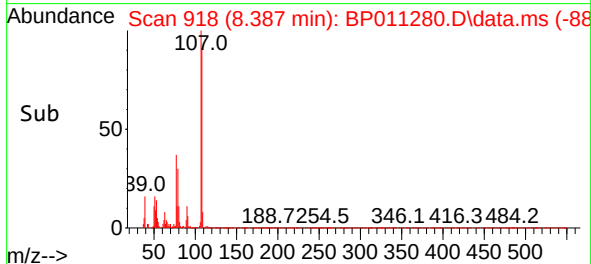
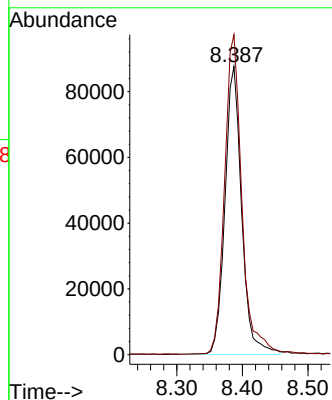
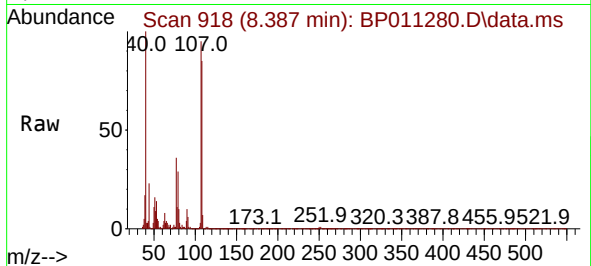




#18
4-Methylphenol
Concen: 15.141 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

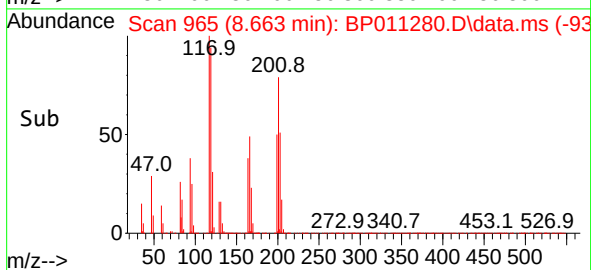
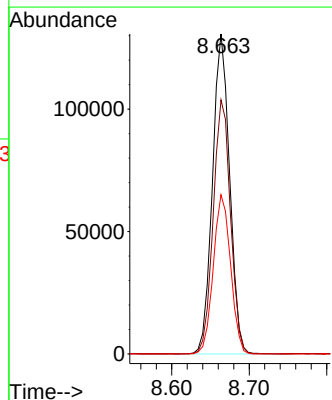
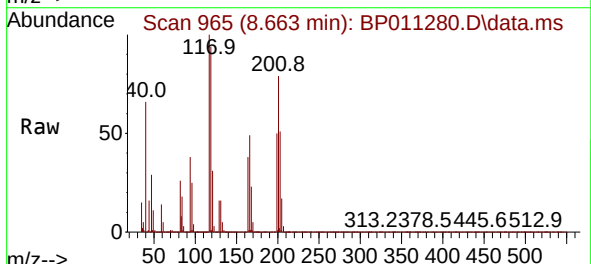
Instrument :
BNA_P
ClientSampleId :

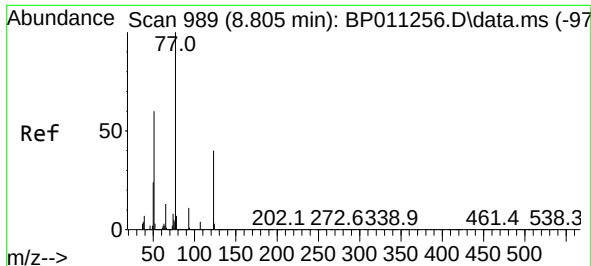
Tgt Ion:108 Resp: 154390
Ion Ratio Lower Upper
108 100
107 111.0 88.2 132.4



#19
Hexachloroethane
Concen: 42.184 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:117 Resp: 200705
Ion Ratio Lower Upper
117 100
201 79.4 62.2 93.2
199 49.8 39.8 59.6

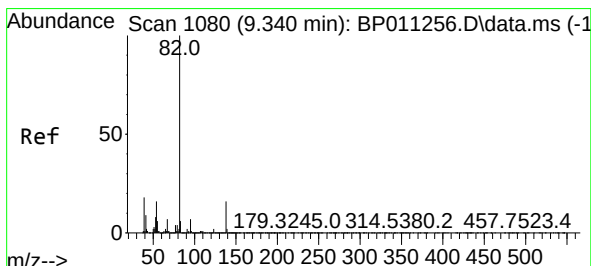
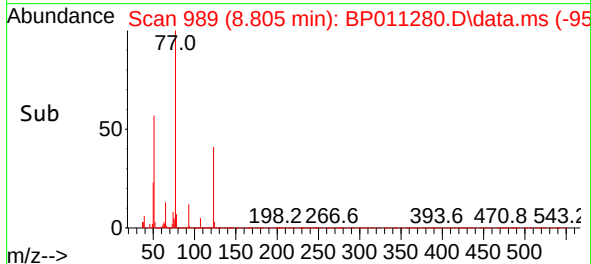
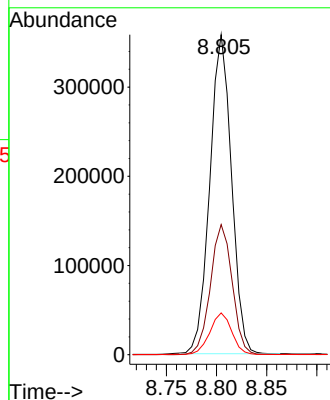
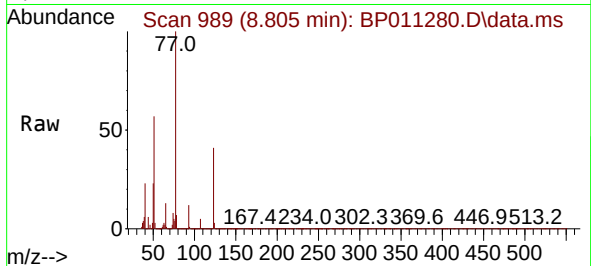




#22
Nitrobenzene
Concen: 44.820 ng/ul
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

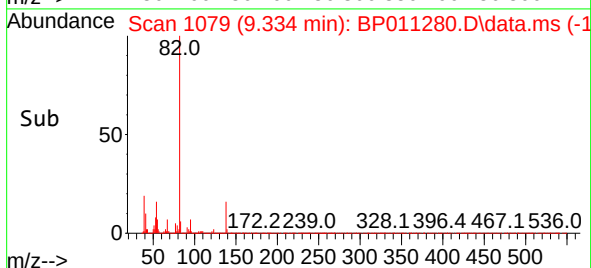
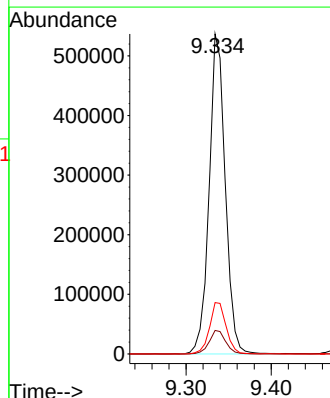
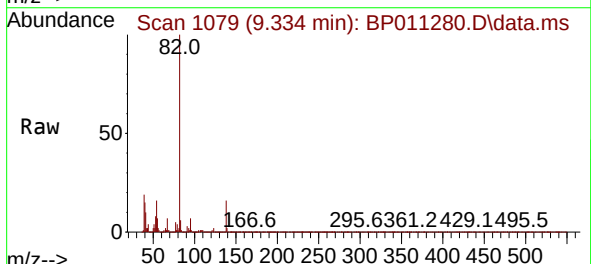
Instrument :
BNA_P
ClientSampleId :

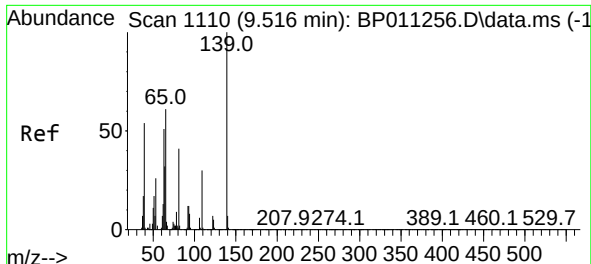
Tgt Ion: 77 Resp: 538095
Ion Ratio Lower Upper
77 100
123 40.6 31.4 47.0
65 13.0 10.6 15.8



#23
Isophorone
Concen: 32.983 ng/ul
RT: 9.334 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion: 82 Resp: 704625
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.1 12.6 18.8

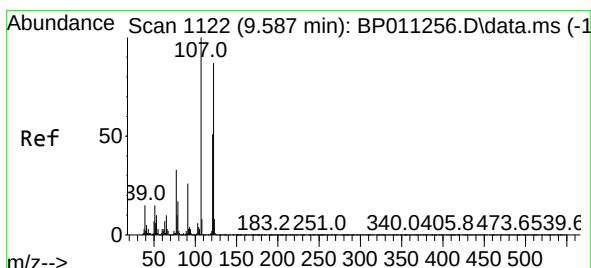
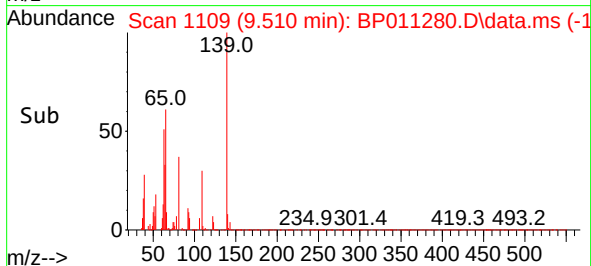
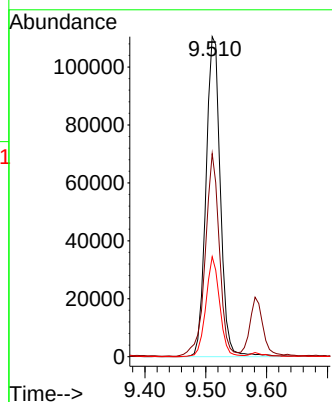
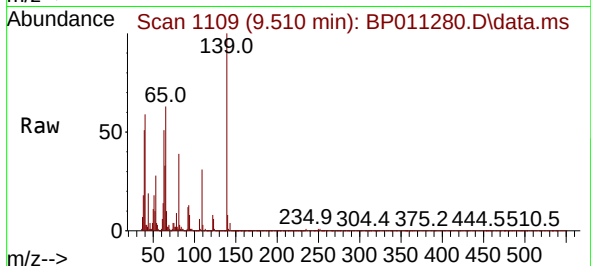




#25
2-Nitrophenol
Concen: 38.263 ng/ul
RT: 9.510 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

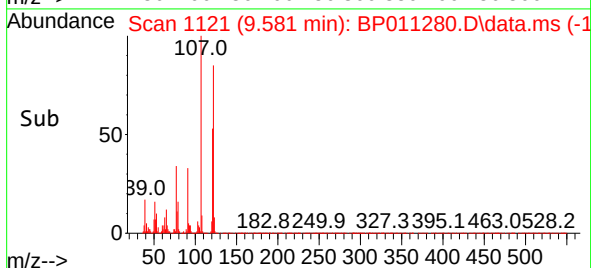
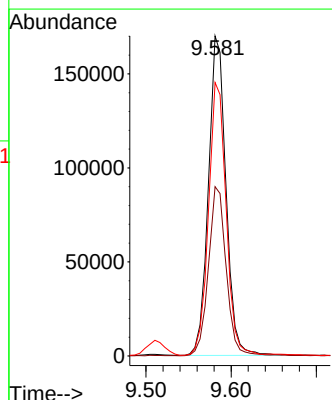
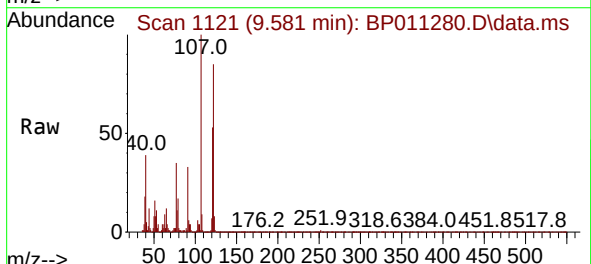
Instrument :
BNA_P
ClientSampleId :

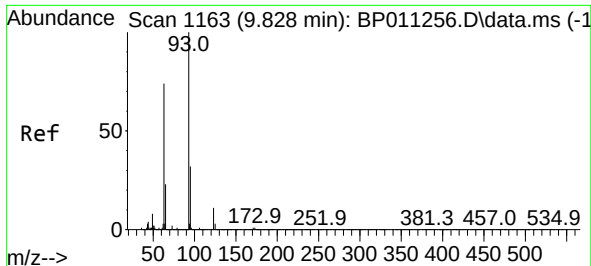
Tgt Ion:139 Resp: 181825
Ion Ratio Lower Upper
139 100
65 63.5 46.7 70.1
109 31.3 24.2 36.2



#26
2,4-Dimethylphenol
Concen: 22.635 ng/ul
RT: 9.581 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:107 Resp: 243342
Ion Ratio Lower Upper
107 100
121 52.9 40.3 60.5
122 85.4 67.7 101.5





#27

Bis(2-Chloroethoxy)methane

Concen: 35.010 ng/ul

RT: 9.822 min Scan# 1162

Delta R.T. -0.006 min

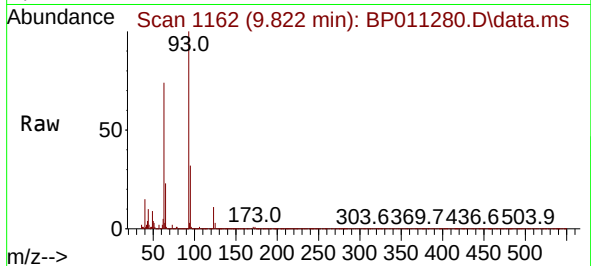
Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

ClientSampleId :



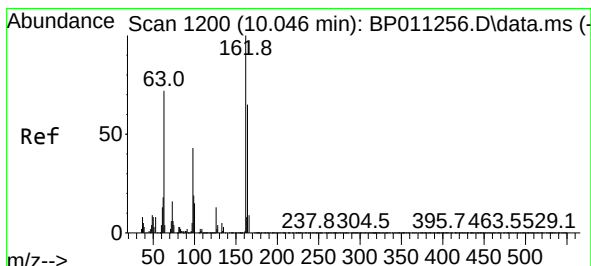
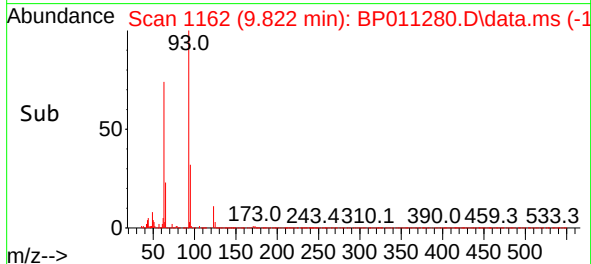
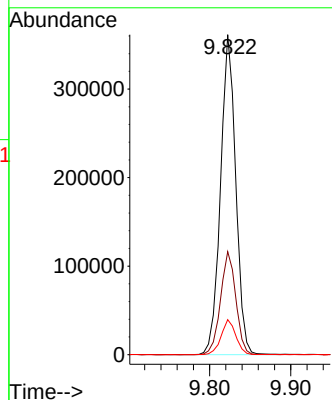
Tgt Ion: 93 Resp: 470879

Ion Ratio Lower Upper

93 100

95 32.2 25.2 37.8

123 11.0 8.4 12.6



#29

2,4-Dichlorophenol

Concen: 37.976 ng/ul

RT: 10.046 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

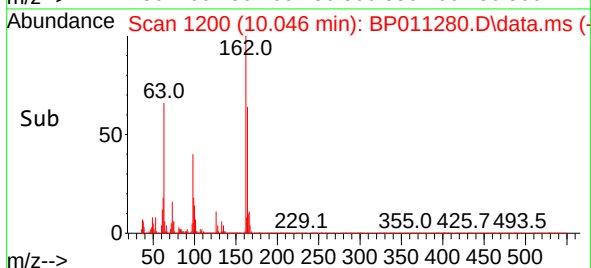
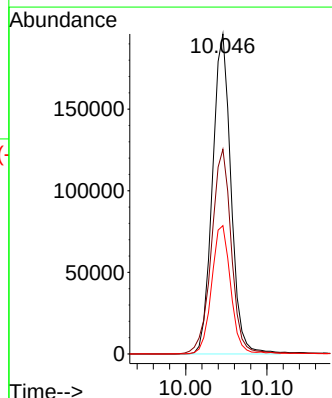
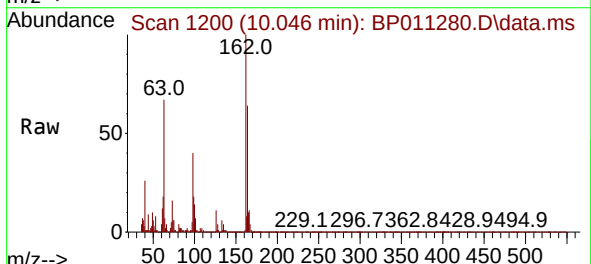
Tgt Ion: 162 Resp: 310788

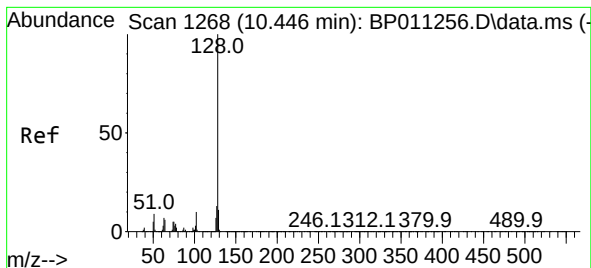
Ion Ratio Lower Upper

162 100

164 64.0 52.6 79.0

98 40.1 34.2 51.4

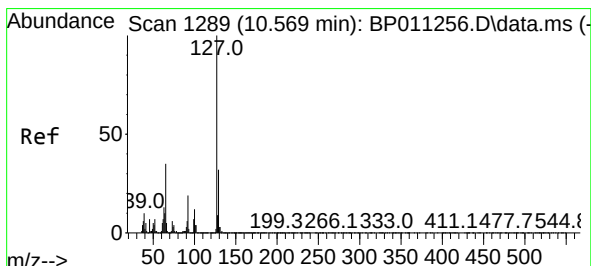
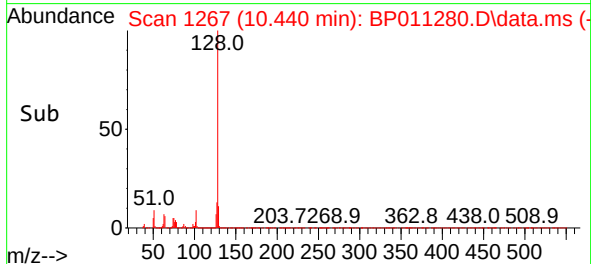
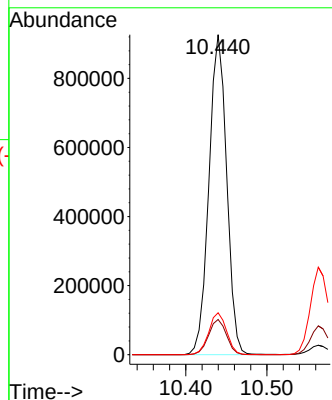
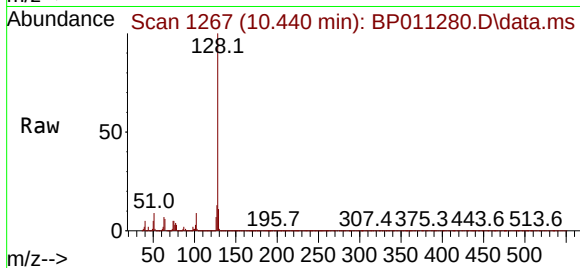




#30
Naphthalene
Concen: 43.671 ng/ul
RT: 10.440 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

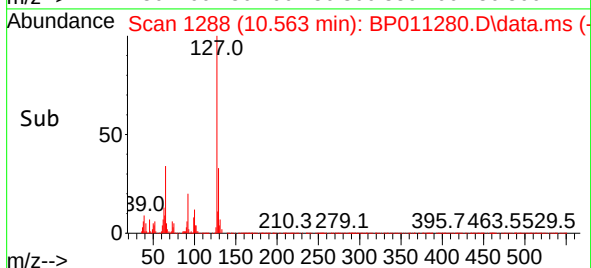
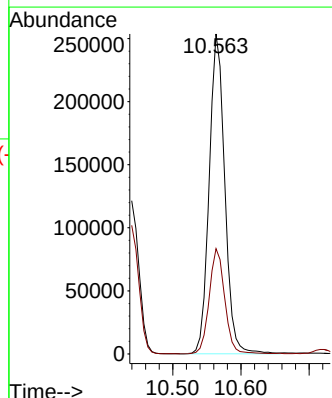
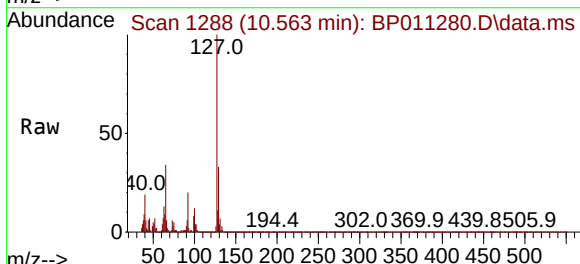
Instrument :
BNA_P
ClientSampleId :

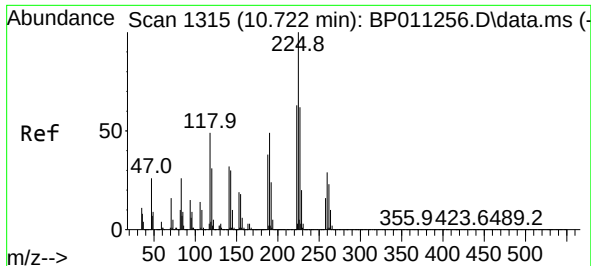
Tgt Ion:128 Resp: 1404197
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.4 15.6



#32
4-Chloroaniline
Concen: 32.961 ng/ul
RT: 10.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

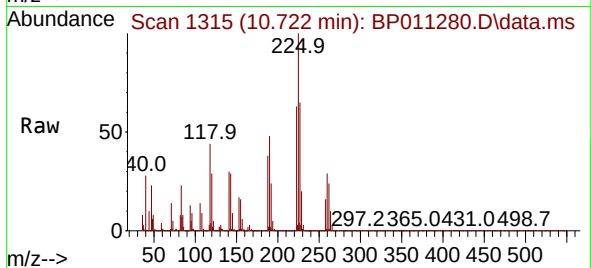
Tgt Ion:127 Resp: 404442
Ion Ratio Lower Upper
127 100
129 32.9 26.6 40.0



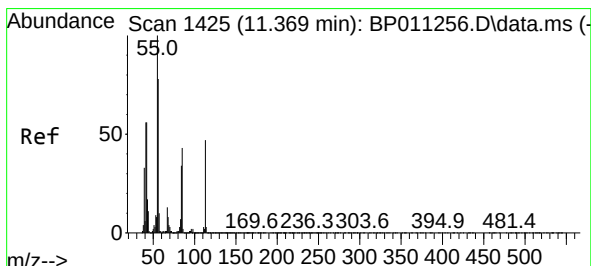
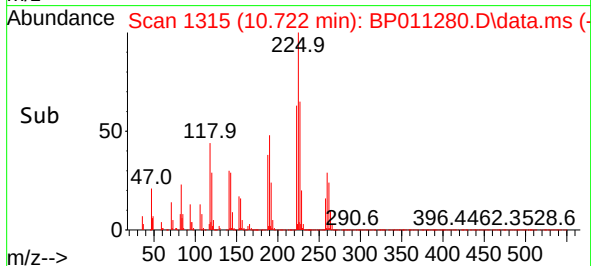
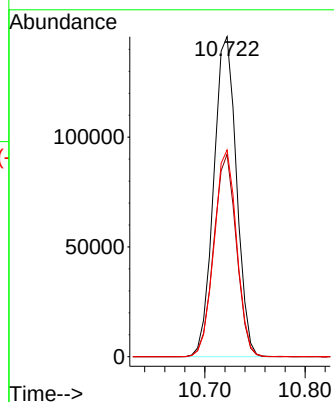


#33
Hexachlorobutadiene
Concen: 45.011 ng/ul
RT: 10.722 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Instrument :
BNA_P
ClientSampleId :

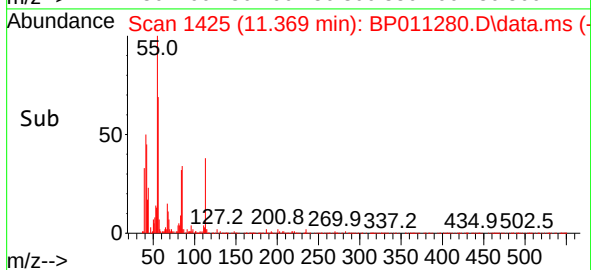
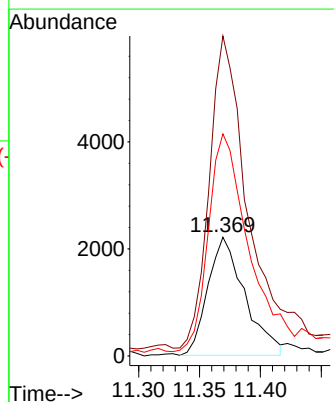
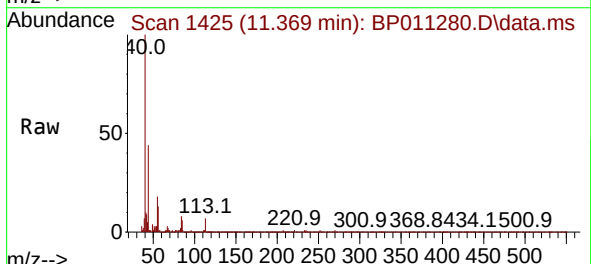


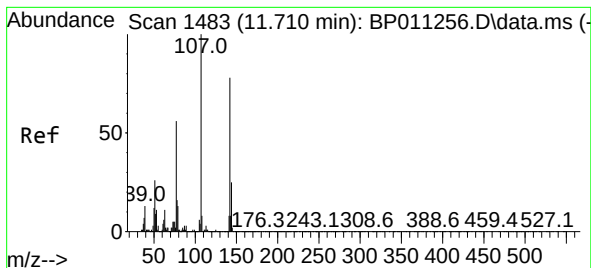
Tgt Ion:225 Resp: 230095
Ion Ratio Lower Upper
225 100
223 63.3 51.2 76.8
227 64.6 50.6 75.8



#34
Caprolactam
Concen: 1.931 ng/ul
RT: 11.369 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:113 Resp: 4681
Ion Ratio Lower Upper
113 100
55 269.5 164.2 246.4#
56 187.0 127.0 190.6

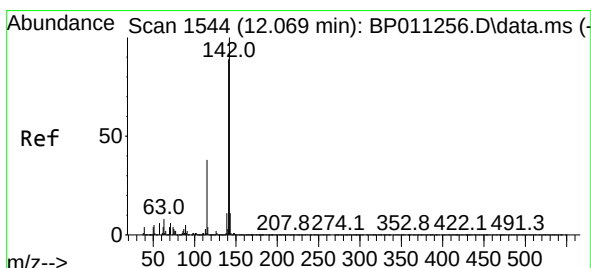
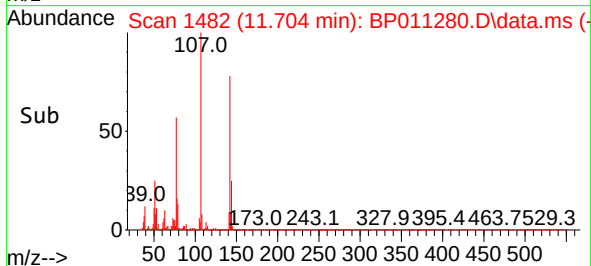
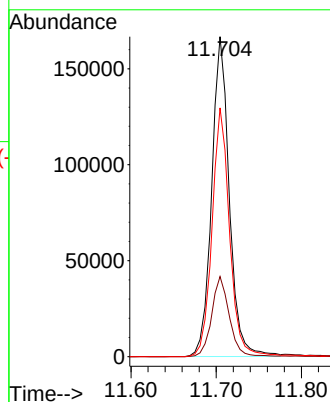
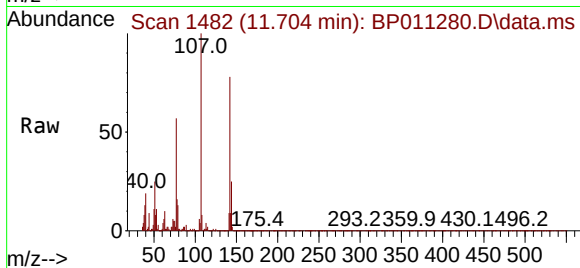




#35
4-Chloro-3-methylphenol
Concen: 25.933 ng/ul
RT: 11.704 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

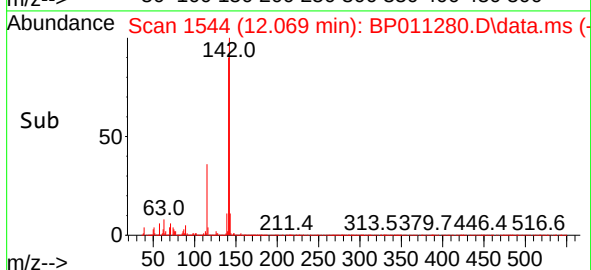
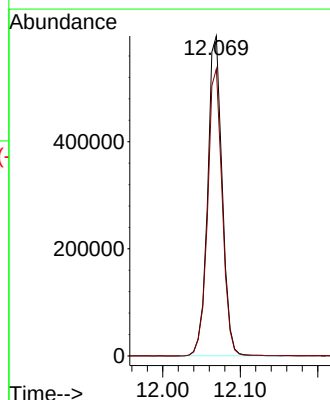
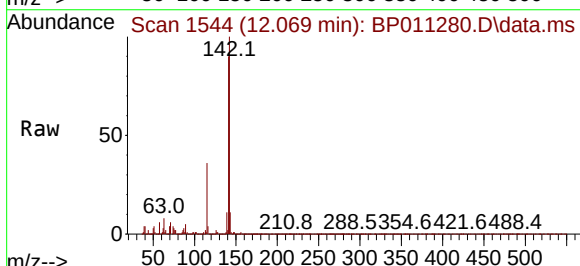
Instrument :
BNA_P
ClientSampleId :

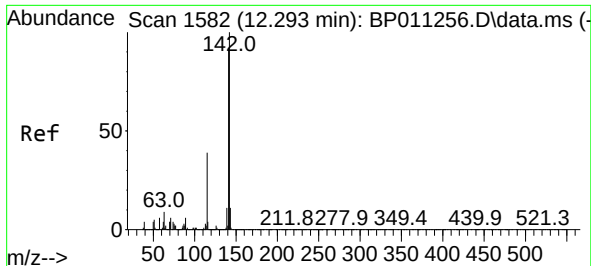
Tgt Ion:107 Resp: 240010
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 77.7 59.8 89.8



#36
2-Methylnaphthalene
Concen: 38.647 ng/ul
RT: 12.069 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:142 Resp: 776467
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.8

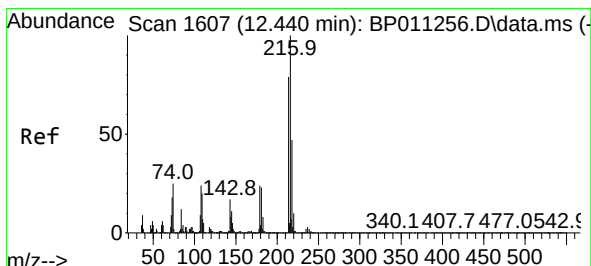
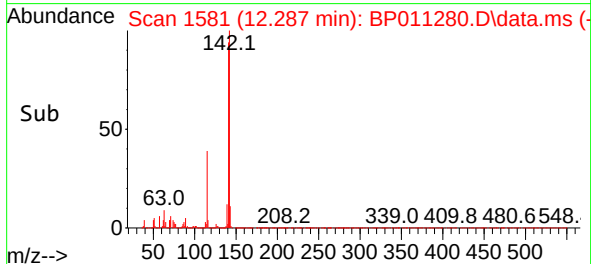
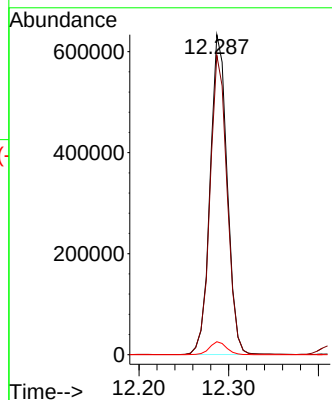
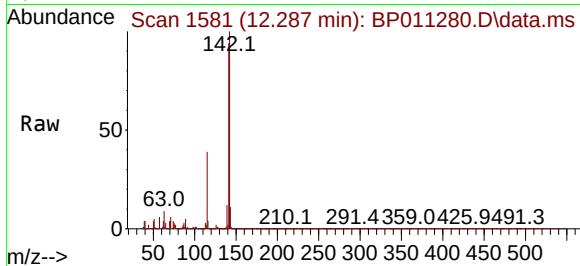




#37
1-Methylnaphthalene
Concen: 41.398 ng/ul
RT: 12.287 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

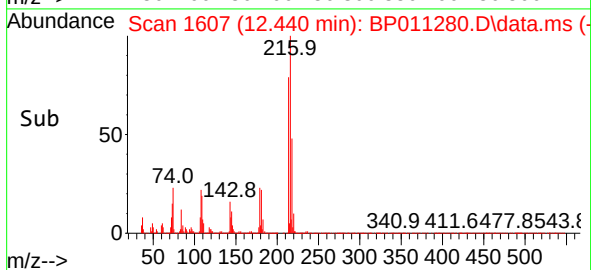
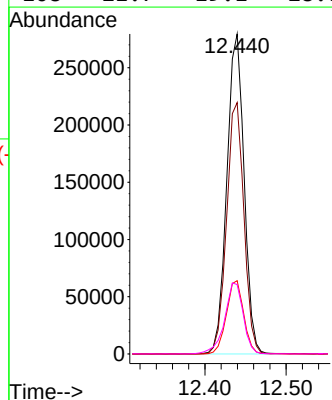
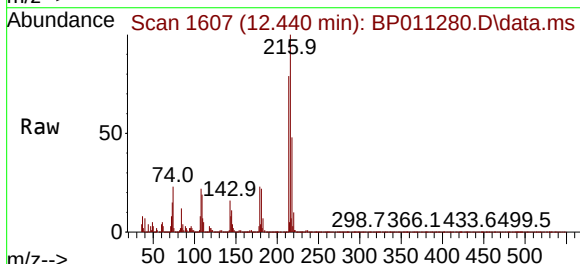
Instrument :
BNA_P
ClientSampleId :

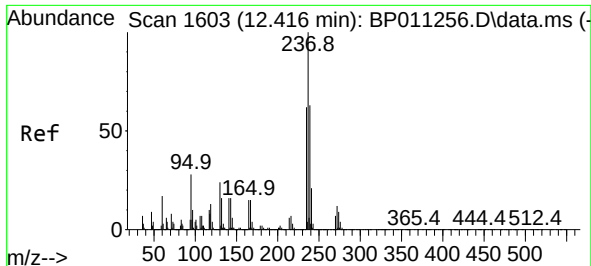
Tgt Ion:142 Resp: 835498
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1
116 4.1 3.4 5.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.804 ng/ul
RT: 12.440 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:216 Resp: 413117
Ion Ratio Lower Upper
216 100
214 78.5 61.1 91.7
179 22.9 18.6 27.8
108 21.7 19.1 28.7

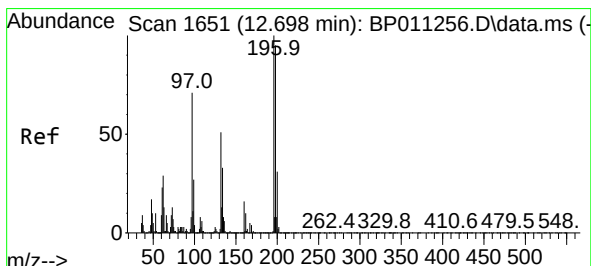
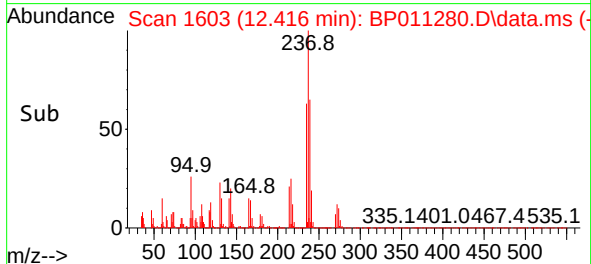
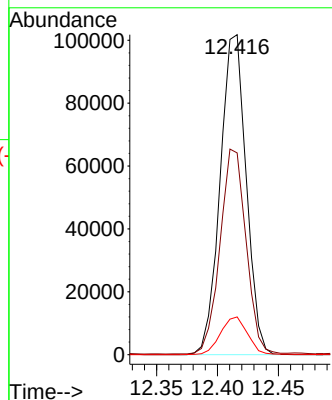
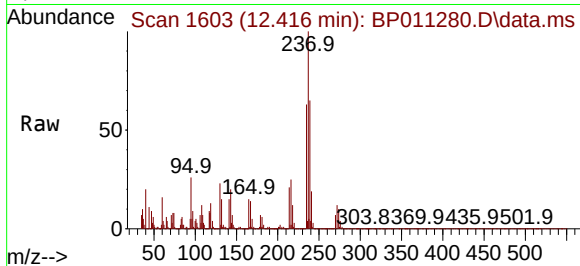




#40
Hexachlorocyclopentadiene
Concen: 23.085 ng/ul
RT: 12.416 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

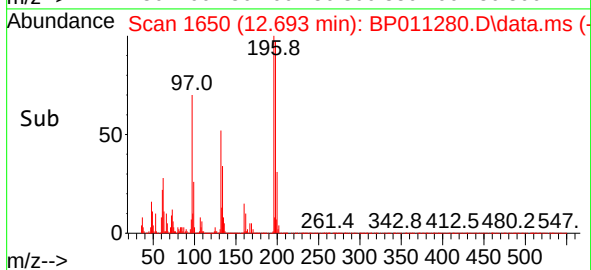
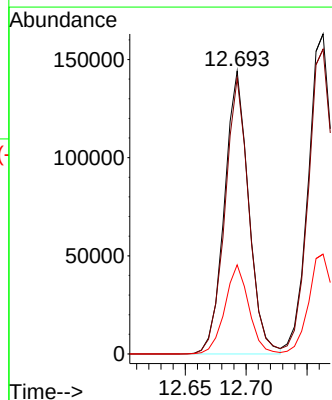
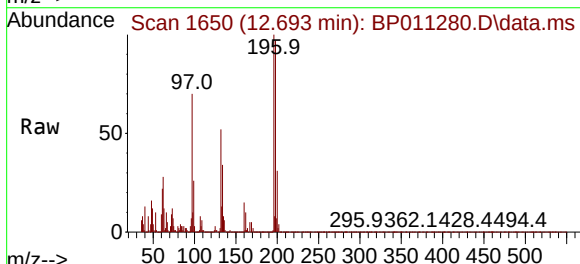
Instrument :
BNA_P
ClientSampleId :

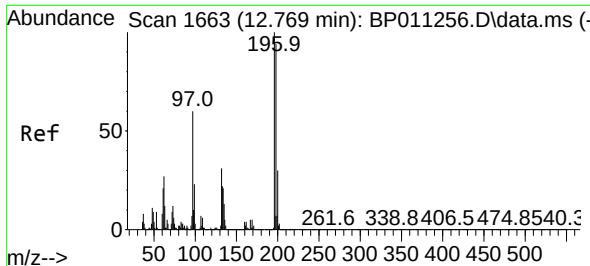
Tgt Ion:237 Resp: 151382
Ion Ratio Lower Upper
237 100
235 63.1 50.4 75.6
272 11.8 9.9 14.9



#41
2,4,6-Trichlorophenol
Concen: 30.711 ng/ul
RT: 12.693 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

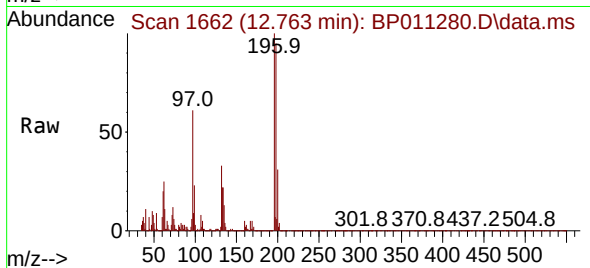
Tgt Ion:196 Resp: 199681
Ion Ratio Lower Upper
196 100
198 97.5 75.5 113.3
200 31.5 24.4 36.6



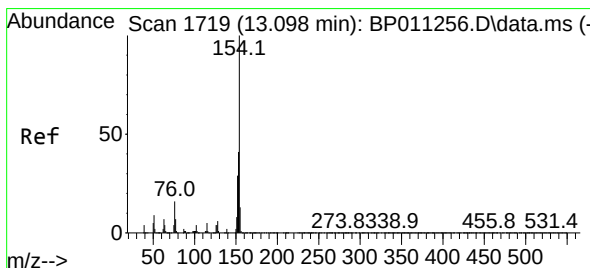
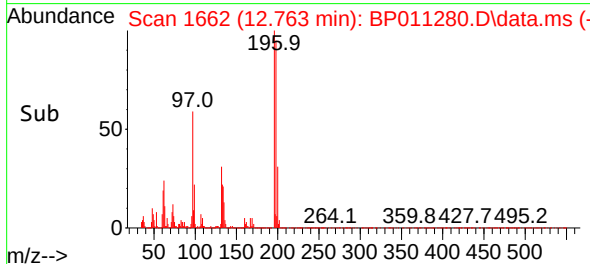
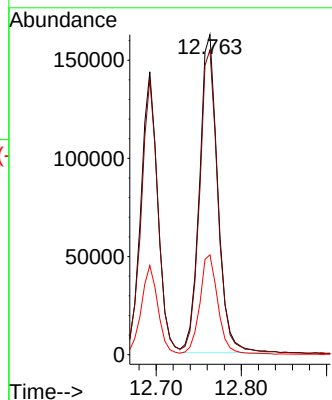


#42
2,4,5-Trichlorophenol
Concen: 34.522 ng/ul
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Instrument :
BNA_P
ClientSampleId :

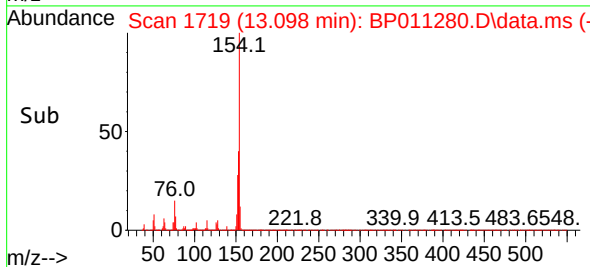
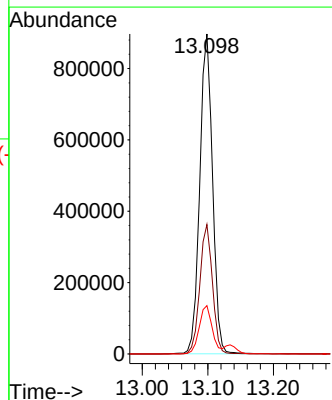
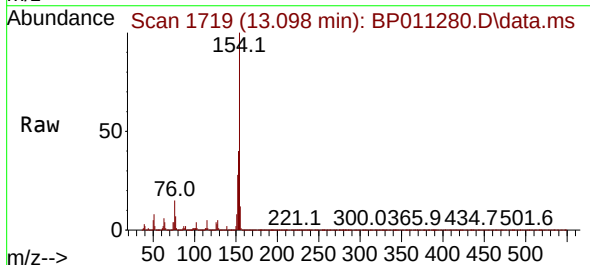


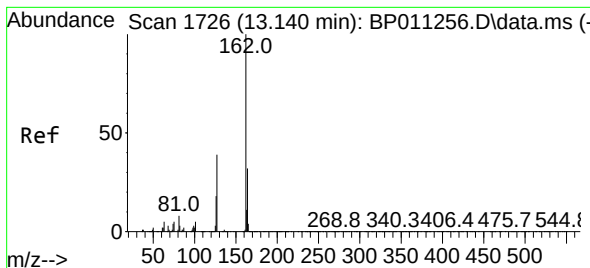
Tgt Ion:196 Resp: 240882
Ion Ratio Lower Upper
196 100
198 95.2 76.8 115.2
200 31.2 25.0 37.6



#43
1,1'-Biphenyl
Concen: 40.125 ng/ul
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:154 Resp: 1215302
Ion Ratio Lower Upper
154 100
153 40.4 31.9 47.9
76 15.1 12.2 18.2





#44

2-Chloronaphthalene

Concen: 40.609 ng/ul

RT: 13.134 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

ClientSampleId :

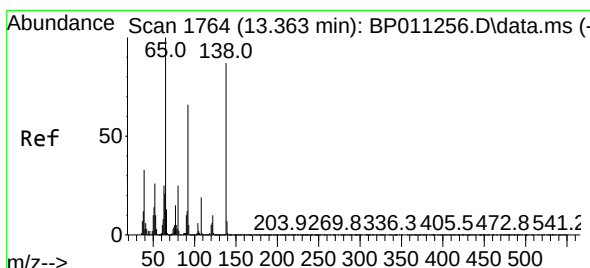
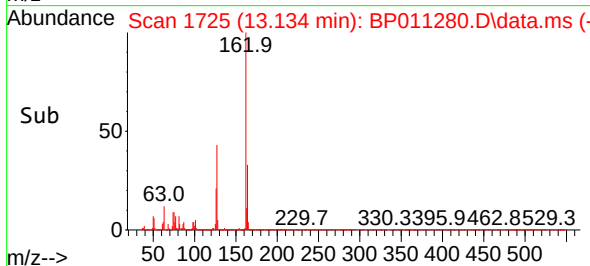
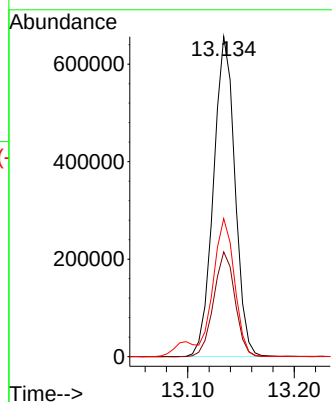
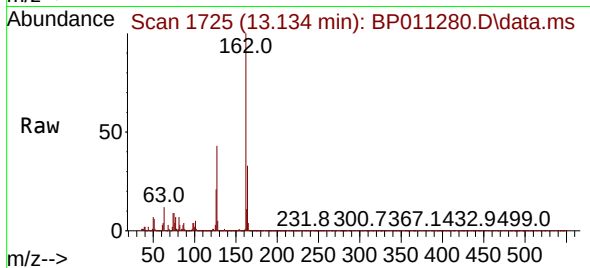
Tgt Ion:162 Resp: 917551

Ion Ratio Lower Upper

162 100

164 32.7 25.6 38.4

127 43.1 34.6 51.8



#45

2-Nitroaniline

Concen: 31.245 ng/ul

RT: 13.357 min Scan# 1763

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

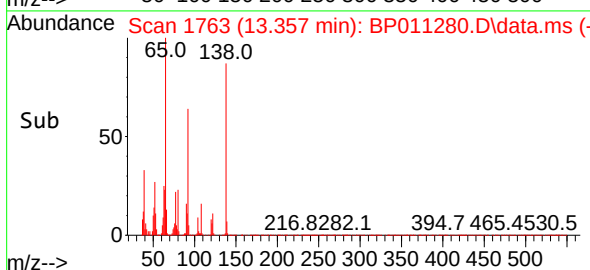
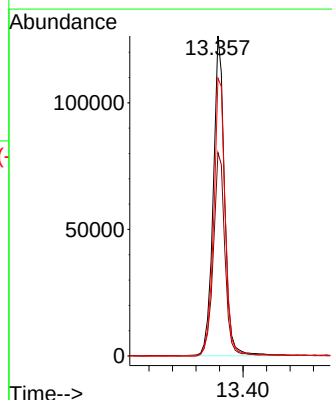
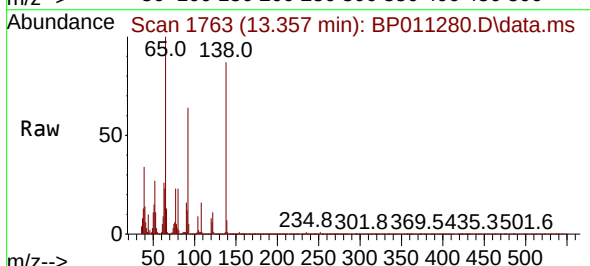
Tgt Ion: 65 Resp: 169814

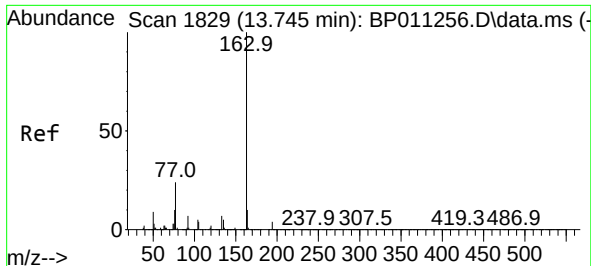
Ion Ratio Lower Upper

65 100

92 63.6 51.4 77.2

138 86.8 67.4 101.0

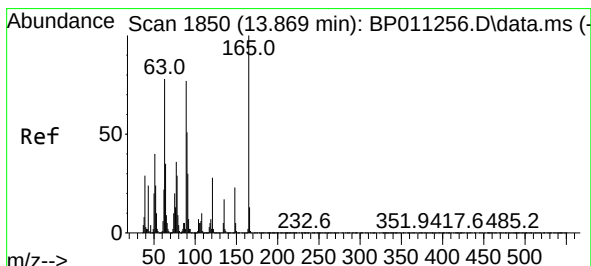
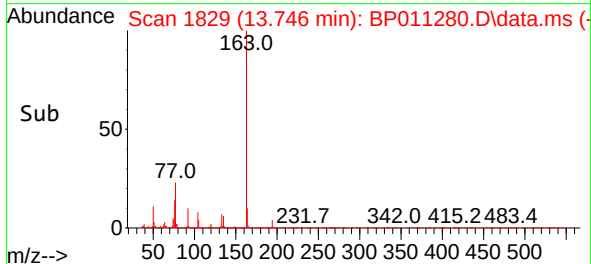
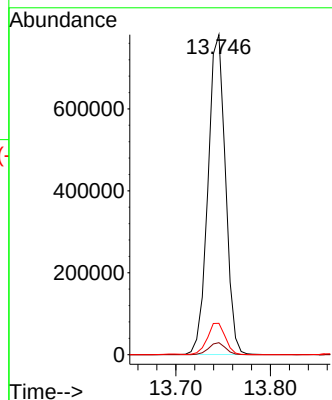
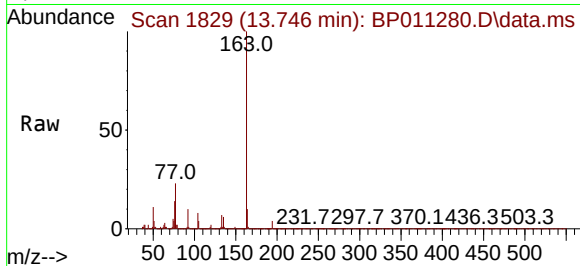




#47
Dimethylphthalate
Concen: 38.037 ng/ul
RT: 13.746 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

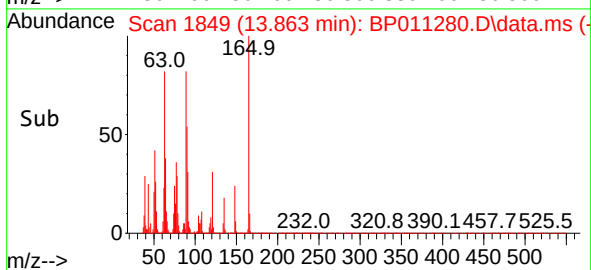
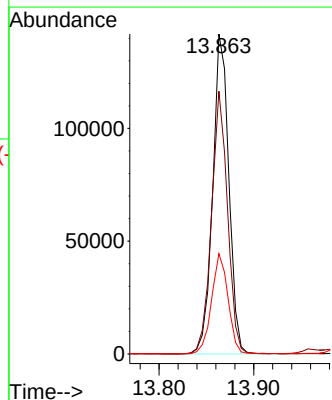
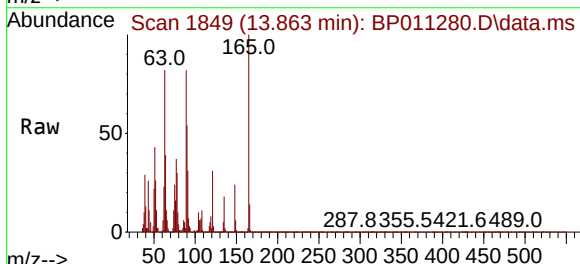
Instrument :
BNA_P
ClientSampleId :

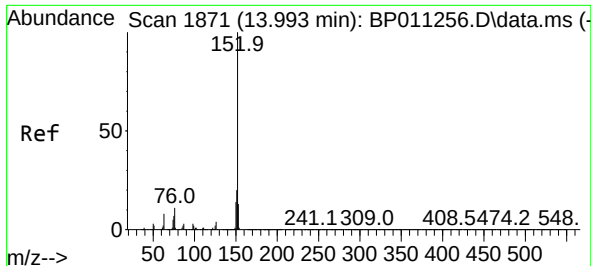
Tgt Ion:163 Resp: 997349
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.8 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 42.468 ng/ul
RT: 13.863 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:165 Resp: 167151
Ion Ratio Lower Upper
165 100
89 82.1 65.8 98.6
121 31.4 24.2 36.2

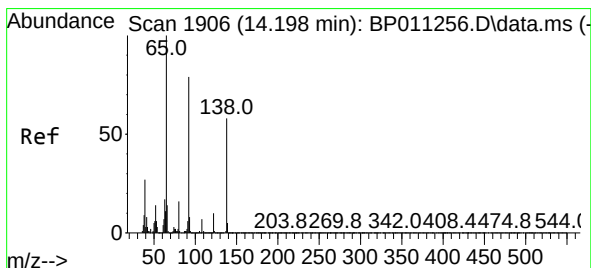
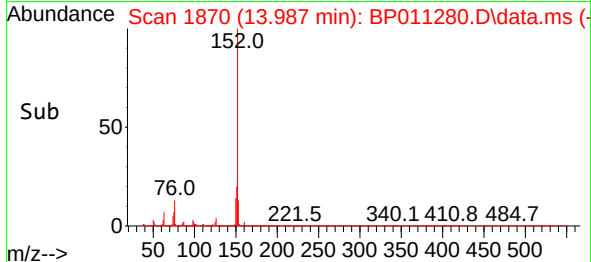
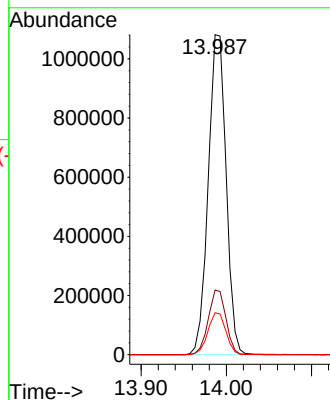
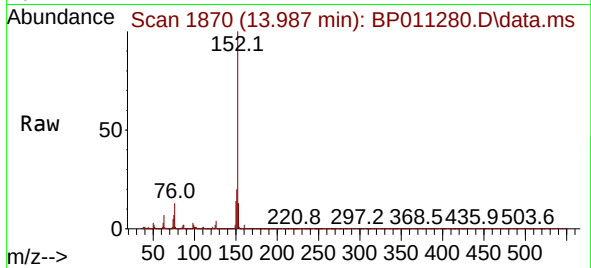




#50
Acenaphthylene
Concen: 42.766 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. -0.012 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

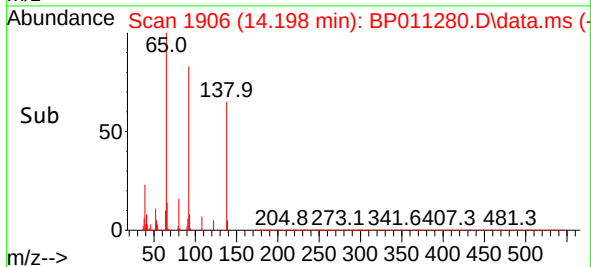
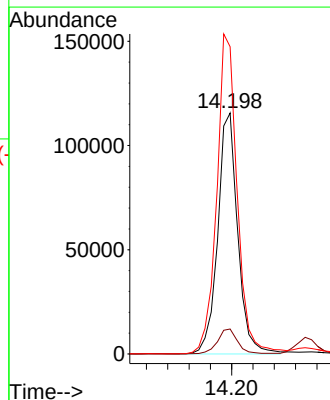
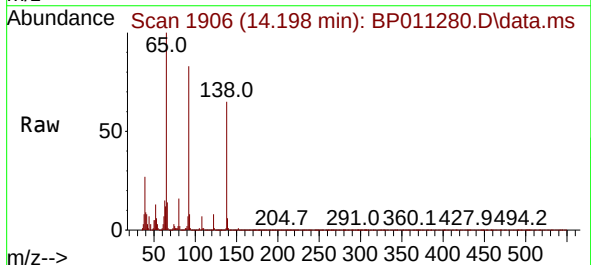
Instrument :
BNA_P
ClientSampleId :

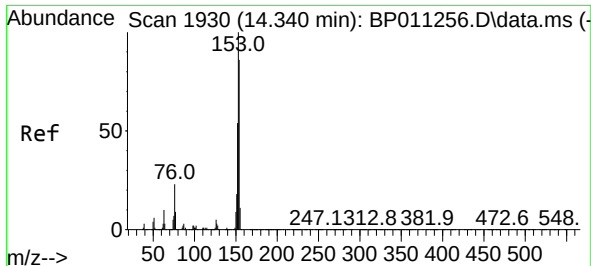
Tgt Ion:152 Resp: 1580294
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 34.609 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:138 Resp: 150252
Ion Ratio Lower Upper
138 100
108 10.3 9.9 14.9
92 127.5 106.8 160.2

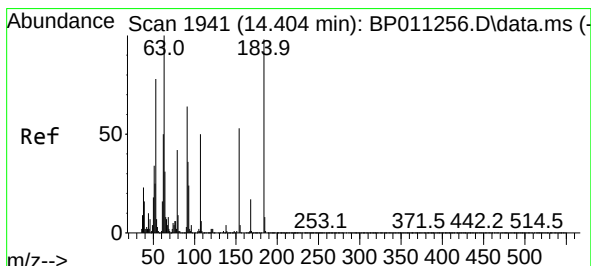
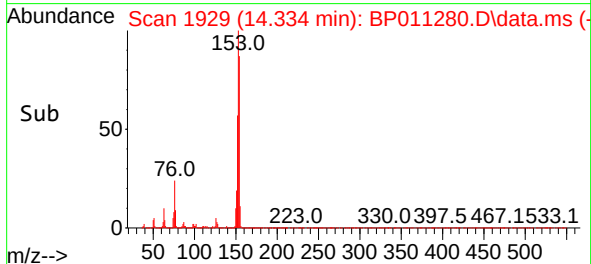
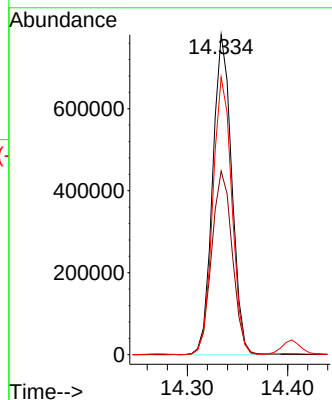
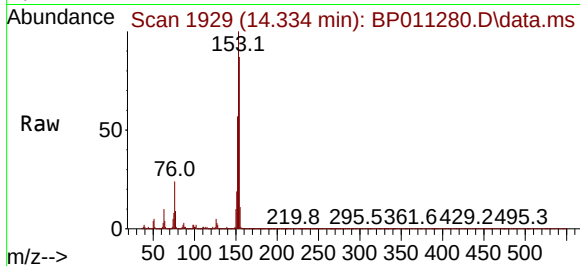




#52
Acenaphthene
Concen: 42.916 ng/ul
RT: 14.334 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

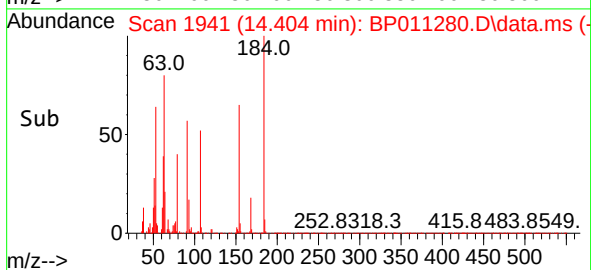
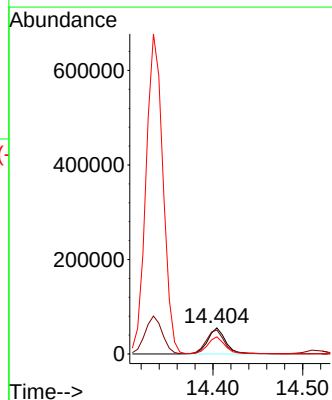
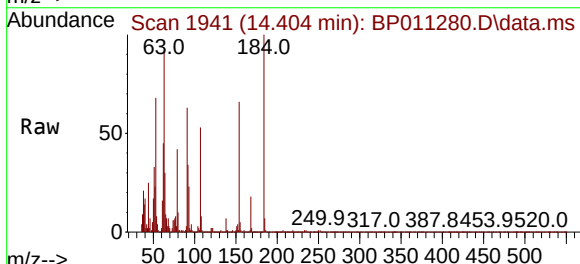
Instrument :
BNA_P
ClientSampleId :

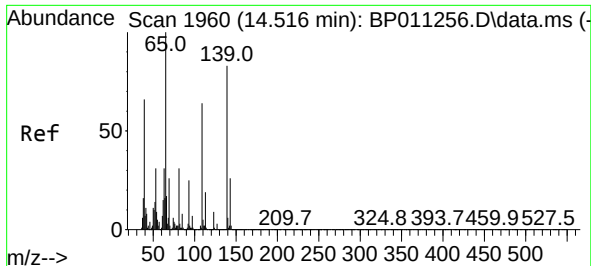
Tgt Ion:153 Resp: 1025770
Ion Ratio Lower Upper
153 100
152 57.3 39.5 59.3
154 86.8 68.6 103.0



#53
2,4-Dinitrophenol
Concen: 32.348 ng/ul
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:184 Resp: 75607
Ion Ratio Lower Upper
184 100
63 92.2 75.0 112.6
154 65.5 53.1 79.7

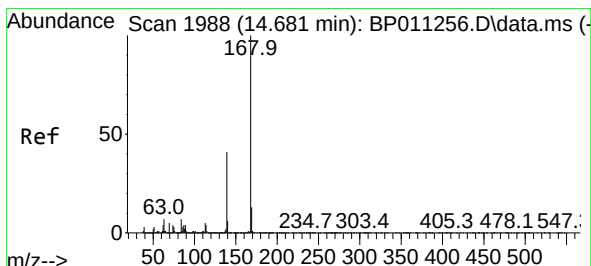
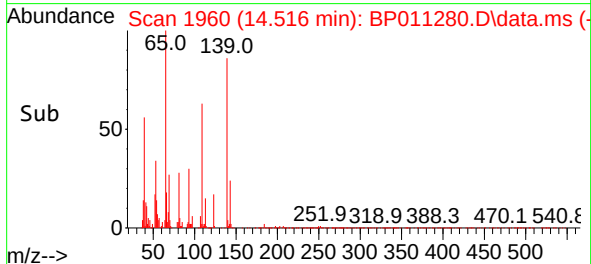
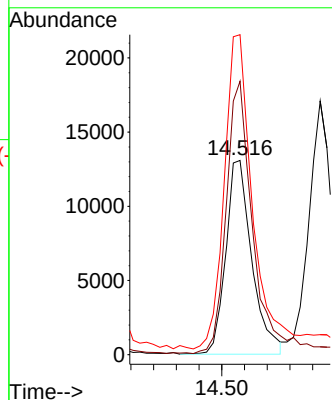
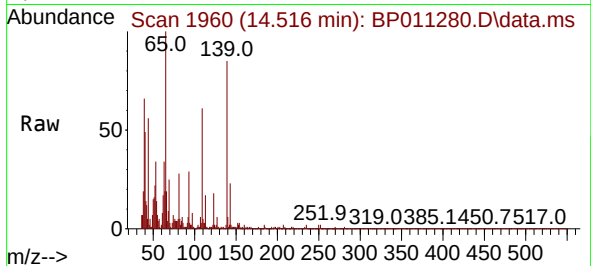




#55
4-Nitrophenol
Concen: 5.214 ng/ul
RT: 14.516 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

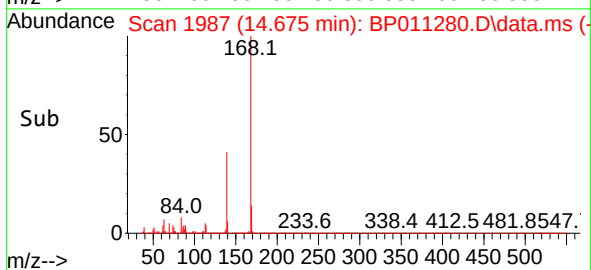
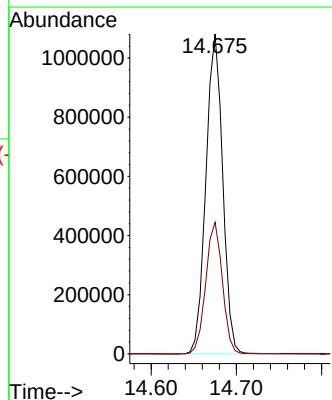
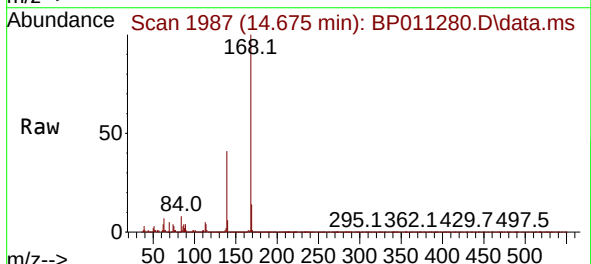
Instrument :
BNA_P
ClientSampleId :

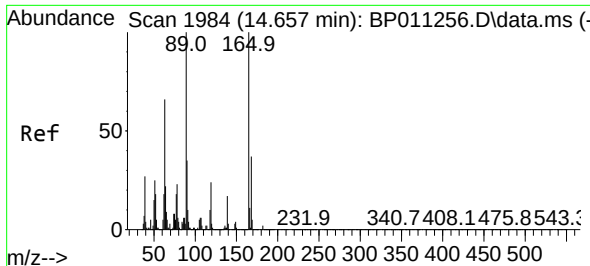
Tgt Ion:109 Resp: 20799
Ion Ratio Lower Upper
109 100
139 140.7 100.6 150.8
65 164.7 122.6 184.0



#56
Dibenzofuran
Concen: 45.306 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:168 Resp: 1481917
Ion Ratio Lower Upper
168 100
139 41.1 34.2 51.2

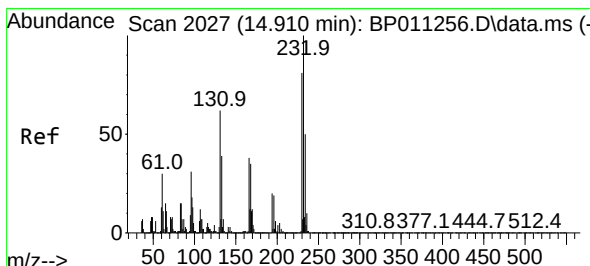
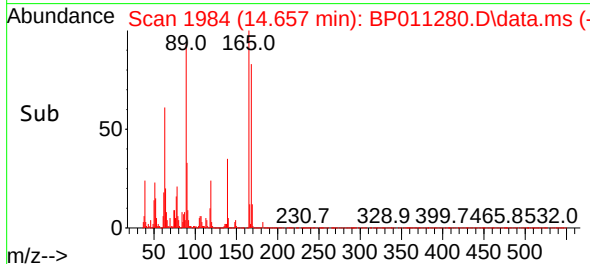
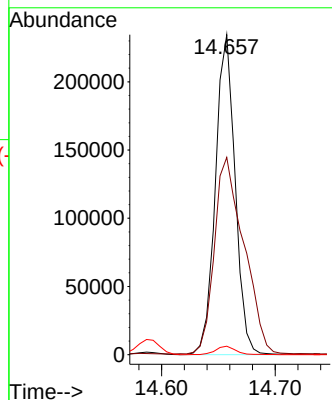
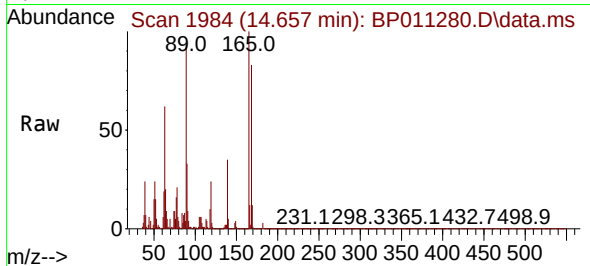




#57
2,4-Dinitrotoluene
Concen: 45.607 ng/ul
RT: 14.657 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

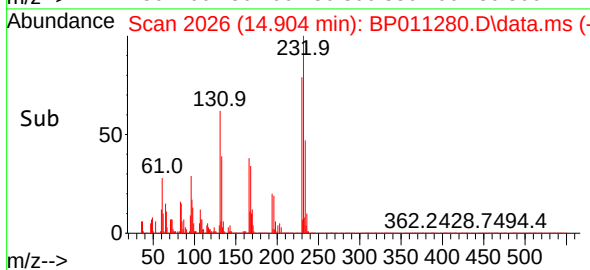
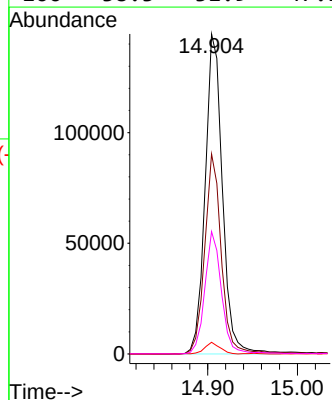
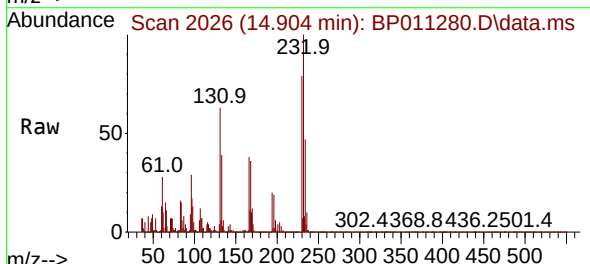
Instrument :
BNA_P
ClientSampleId :

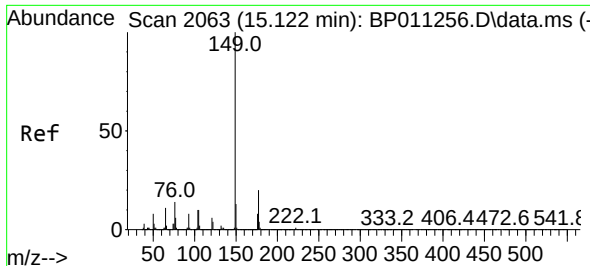
Tgt Ion:165 Resp: 282704
Ion Ratio Lower Upper
165 100
63 61.6 50.6 75.8
182 2.7 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.700 ng/ul
RT: 14.904 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:232 Resp: 193360
Ion Ratio Lower Upper
232 100
131 62.5 50.4 75.6
130 3.7 2.6 3.8
166 38.3 31.9 47.9

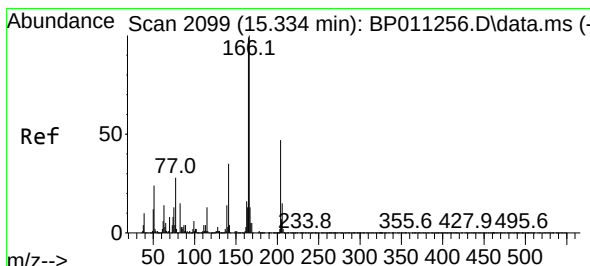
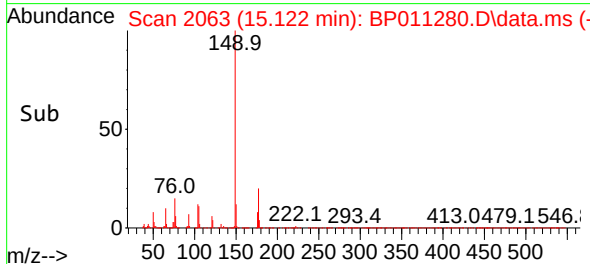
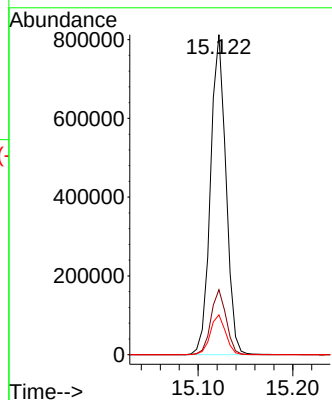
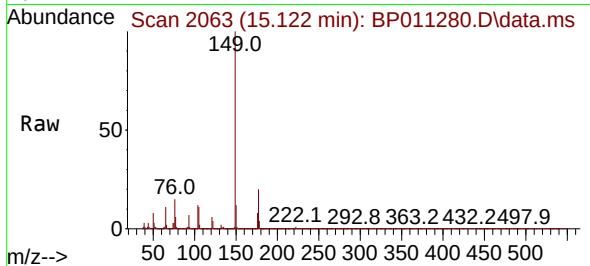




#59
Diethylphthalate
Concen: 33.963 ng/ul
RT: 15.122 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

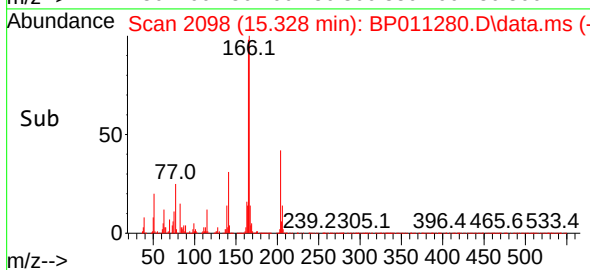
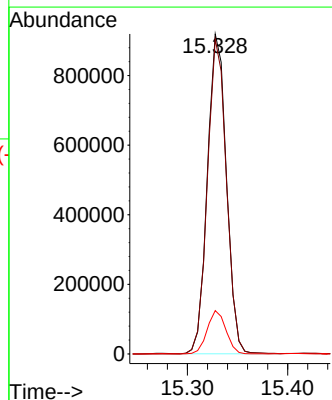
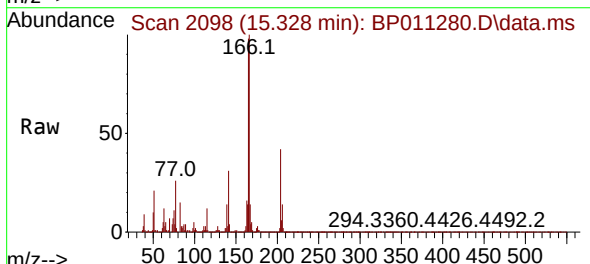
Instrument :
BNA_P
ClientSampleId :

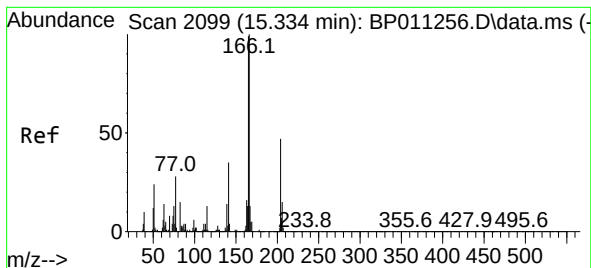
Tgt Ion:149 Resp: 919057
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.5 9.4 14.0



#61
Fluorene
Concen: 46.551 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:166 Resp: 1213203
Ion Ratio Lower Upper
166 100
165 98.4 77.7 116.5
167 13.6 11.0 16.4

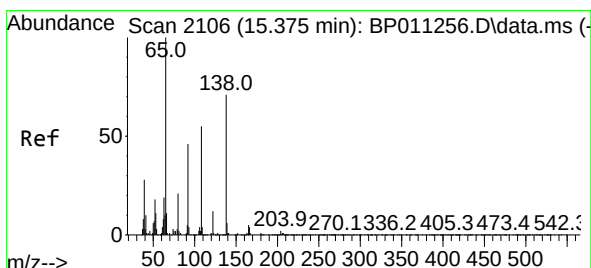
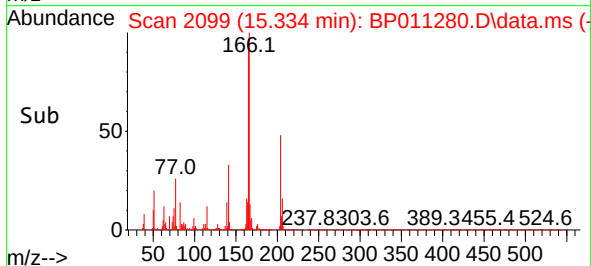
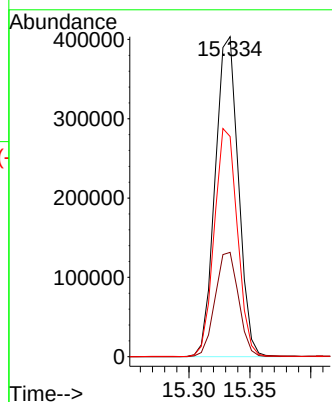
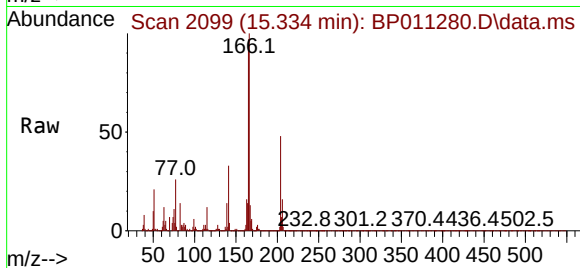




#62
4-Chlorophenyl-phenylether
Concen: 46.478 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

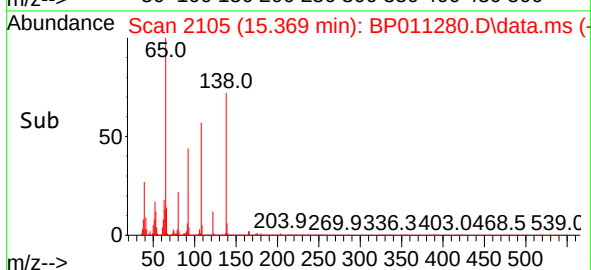
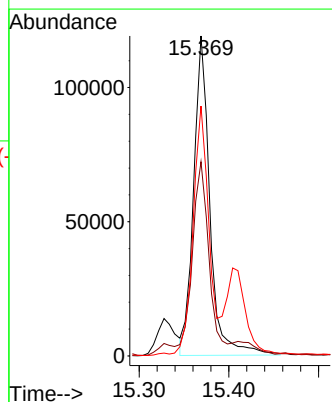
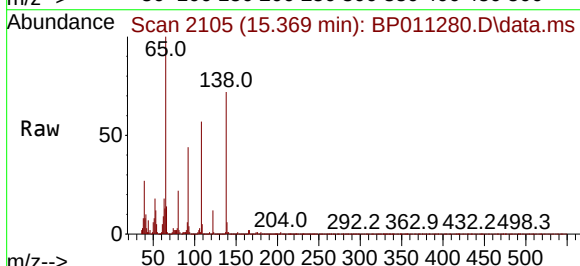
Instrument :
BNA_P
ClientSampleId :

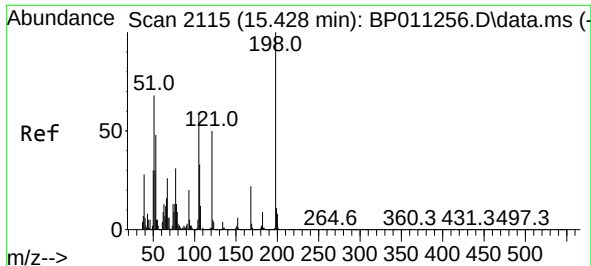
Tgt Ion:204 Resp: 534913
Ion Ratio Lower Upper
204 100
206 32.6 27.3 40.9
141 68.8 57.7 86.5



#63
4-Nitroaniline
Concen: 41.371 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:138 Resp: 150276
Ion Ratio Lower Upper
138 100
92 60.7 55.9 83.9
108 78.1 67.1 100.7

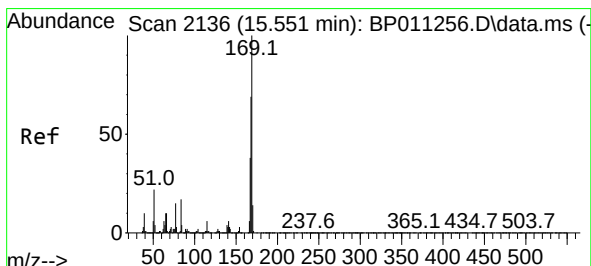
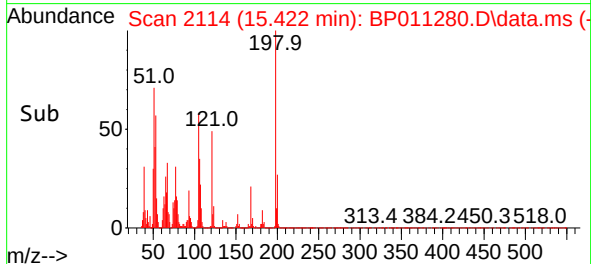
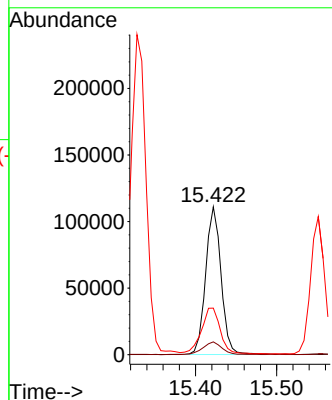
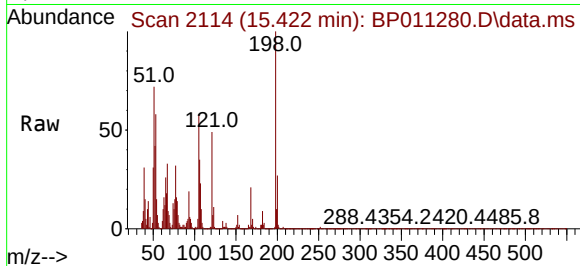




#66
4,6-Dinitro-2-methylphenol
Concen: 45.330 ng/ul
RT: 15.422 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

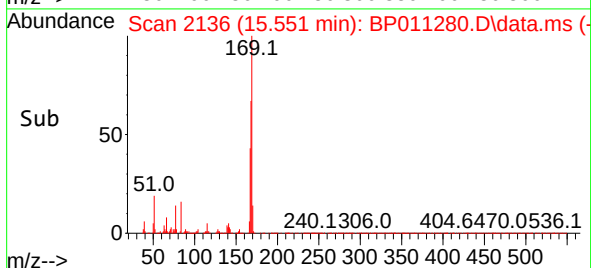
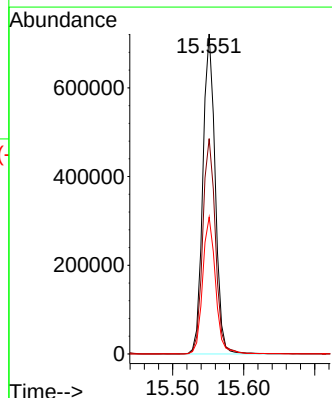
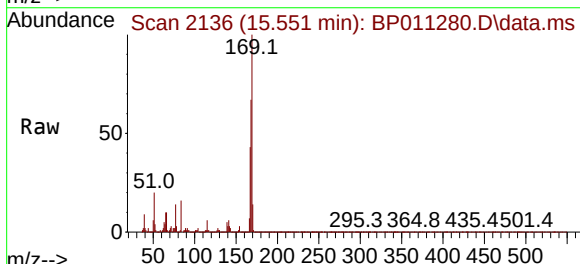
Instrument :
BNA_P
ClientSampleId :

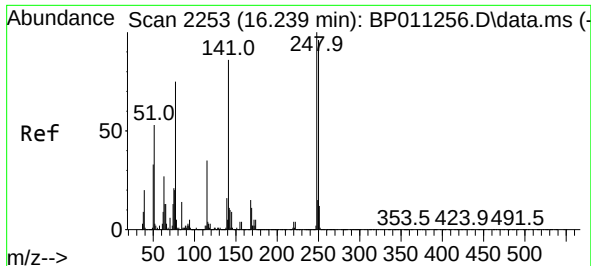
Tgt Ion:198 Resp: 146450
Ion Ratio Lower Upper
198 100
182 8.7 7.4 11.0
77 31.5 28.6 42.8



#67
N-Nitrosodiphenylamine
Concen: 44.446 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:169 Resp: 874125
Ion Ratio Lower Upper
169 100
168 67.3 53.6 80.4
167 42.8 30.0 45.0

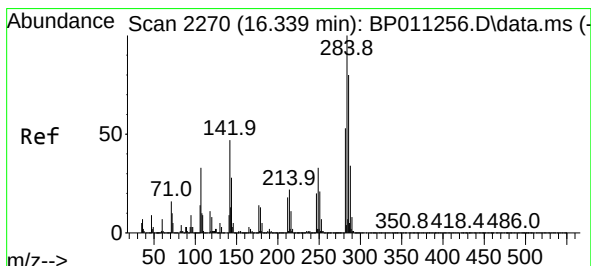
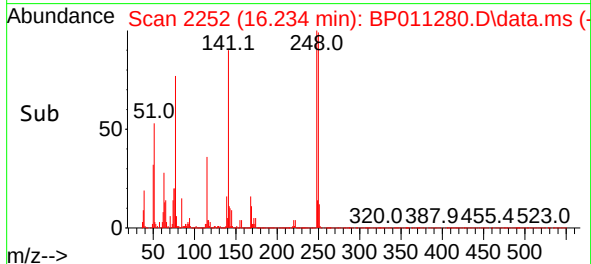
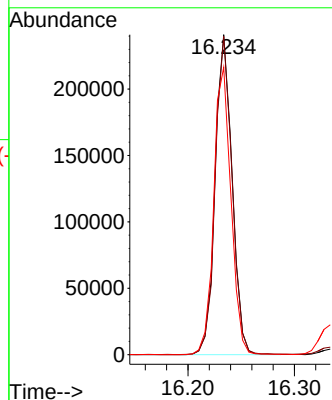
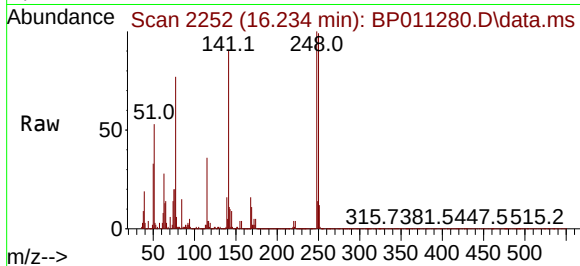




#68
4-Bromophenyl-phenylether
Concen: 43.965 ng/ul
RT: 16.234 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

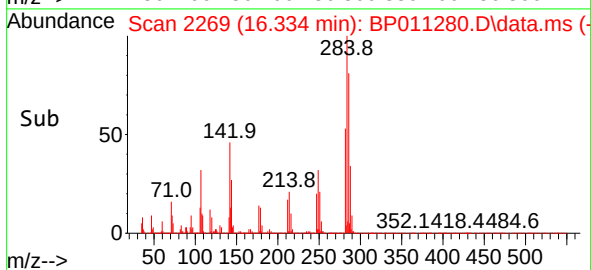
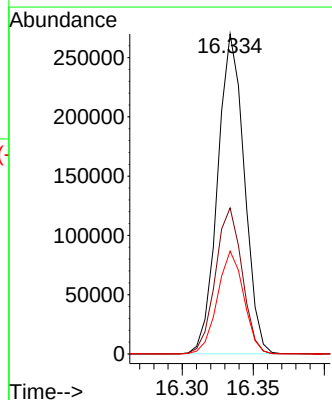
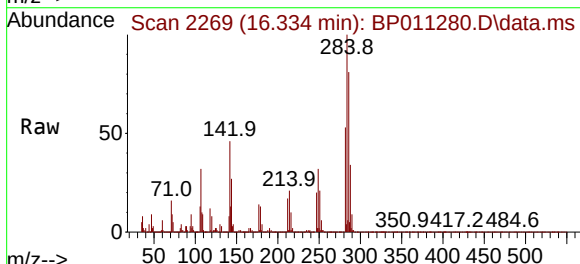
Instrument :
BNA_P
ClientSampleId :

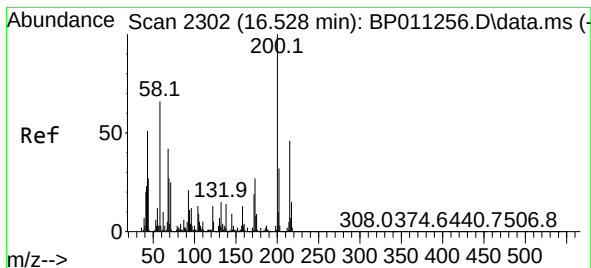
Tgt Ion:248 Resp: 266863
Ion Ratio Lower Upper
248 100
250 99.4 77.3 115.9
141 89.8 76.4 114.6



#69
Hexachlorobenzene
Concen: 49.653 ng/ul
RT: 16.334 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:284 Resp: 352061
Ion Ratio Lower Upper
284 100
142 45.7 39.5 59.3
249 32.2 25.1 37.7





#70

Atrazine

Concen: 29.477 ng/ul

RT: 16.522 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

ClientSampleId :

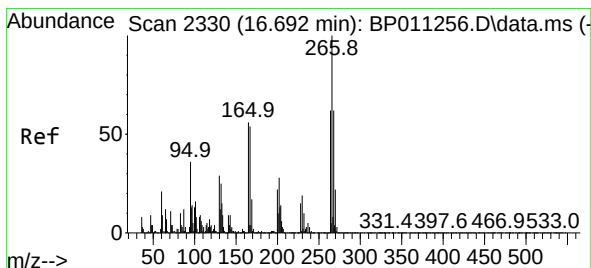
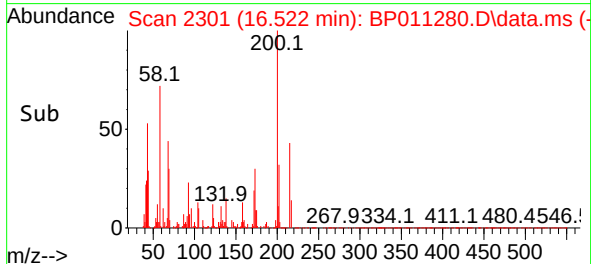
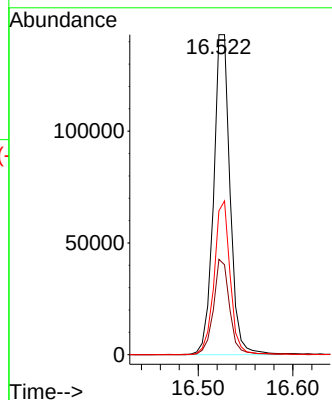
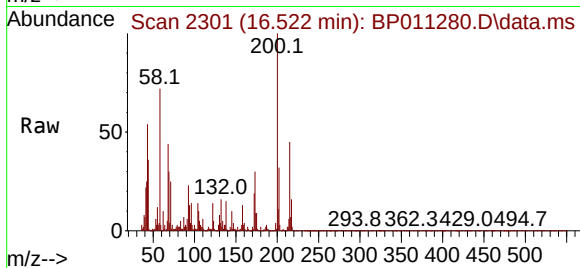
Tgt Ion:200 Resp: 173419

Ion Ratio Lower Upper

200 100

173 29.8 22.6 34.0

215 45.0 36.5 54.7



#71

Pentachlorophenol

Concen: 39.633 ng/ul

RT: 16.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

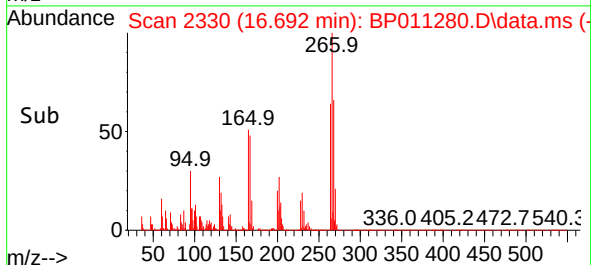
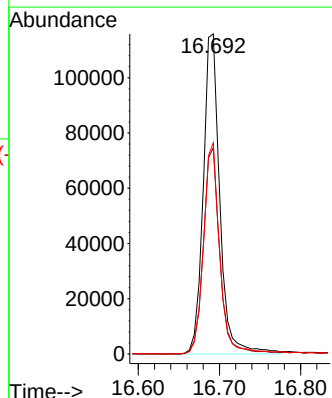
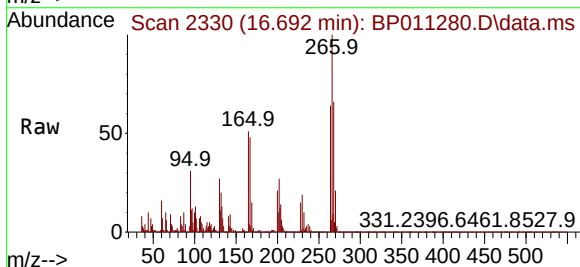
Tgt Ion:266 Resp: 164589

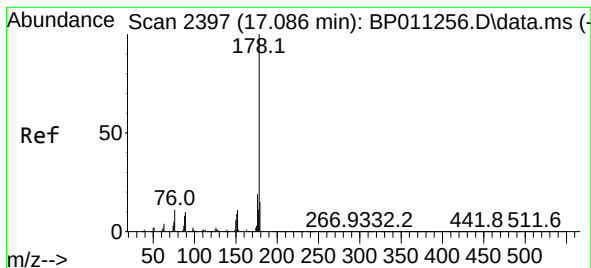
Ion Ratio Lower Upper

266 100

264 64.4 52.2 78.2

268 65.9 50.6 75.8





#72

Phenanthrene

Concen: 50.574 ng/ul

RT: 17.087 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

ClientSampleId :

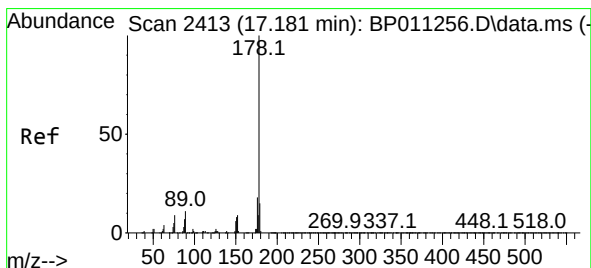
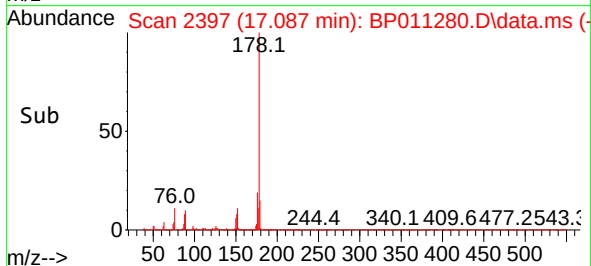
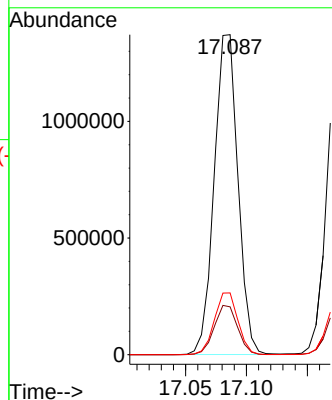
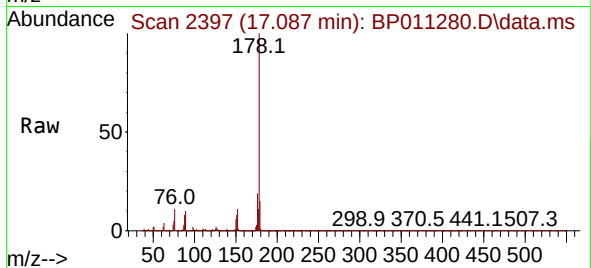
Tgt Ion:178 Resp: 1863096

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 19.3 15.4 23.2



#74

Anthracene

Concen: 51.329 ng/ul

RT: 17.175 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

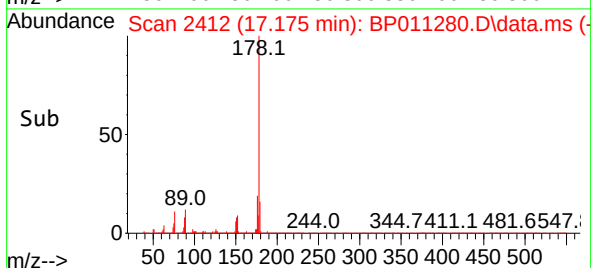
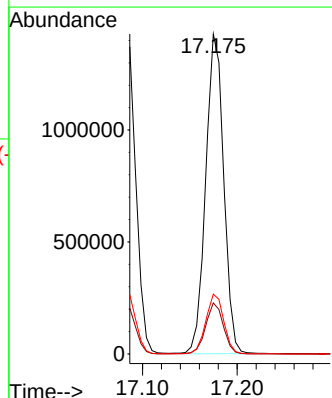
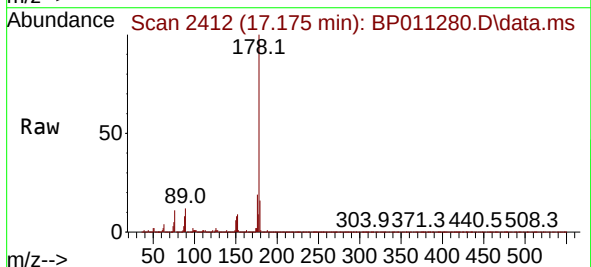
Tgt Ion:178 Resp: 1880539

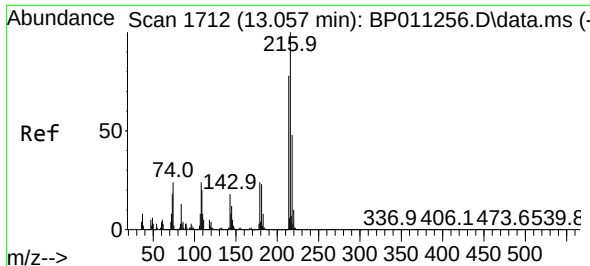
Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

176 18.7 14.7 22.1

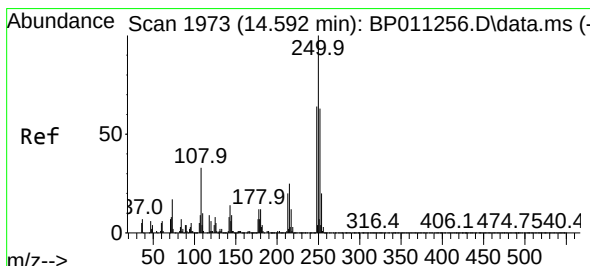
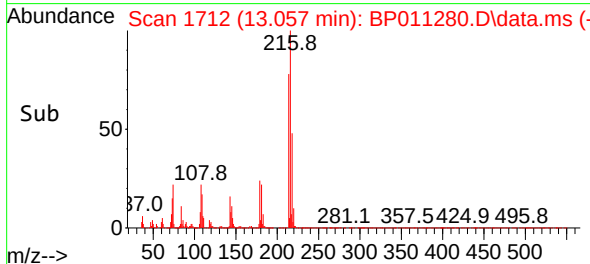
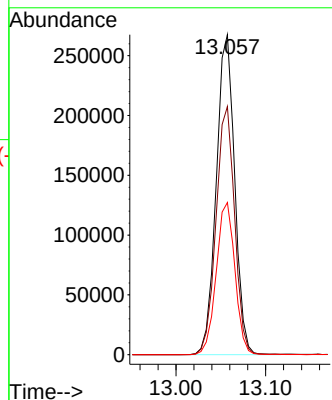
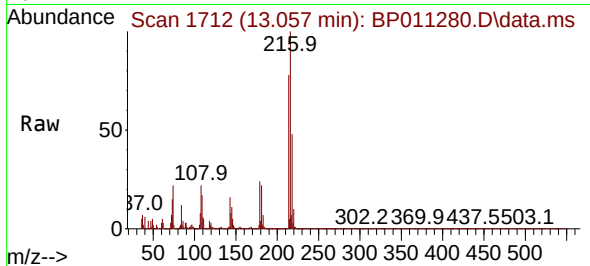




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.992 ng/uL
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

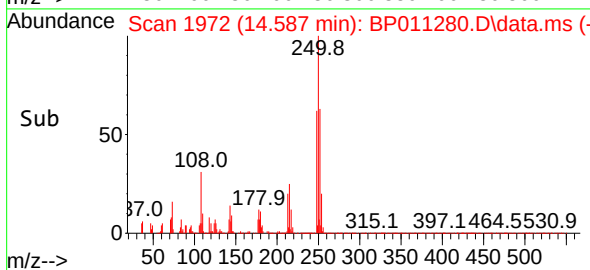
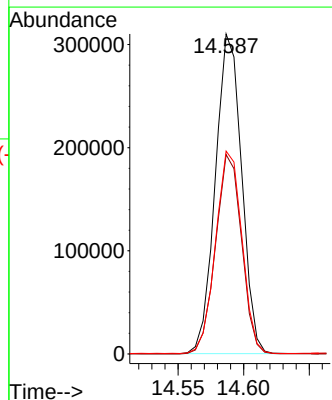
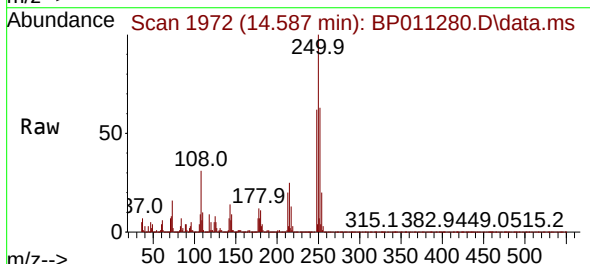
Instrument :
BNA_P
ClientSampleId :

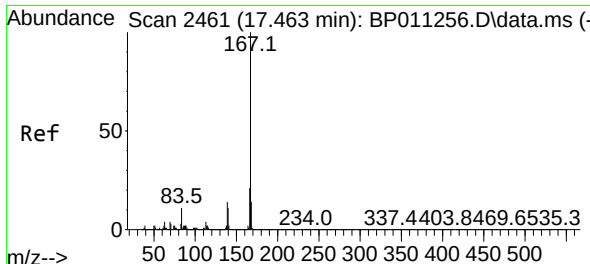
Tgt Ion:216 Resp: 380909
Ion Ratio Lower Upper
216 100
214 77.6 62.0 93.0
218 47.5 38.2 57.4



#76
Pentachlorobenzene
Concen: 49.086 ng/uL
RT: 14.587 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

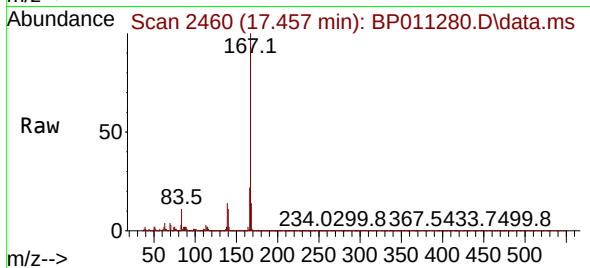
Tgt Ion:250 Resp: 430870
Ion Ratio Lower Upper
250 100
248 62.3 49.2 73.8
252 63.4 50.8 76.2



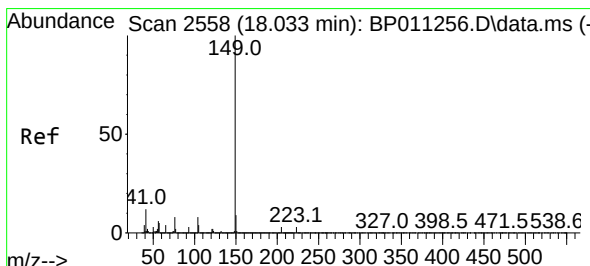
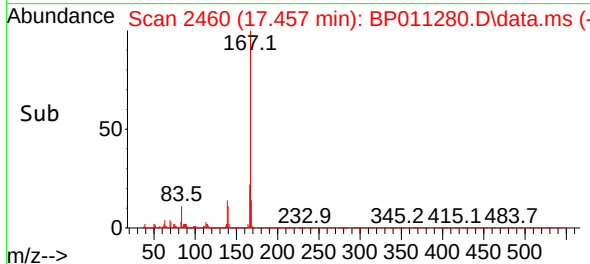
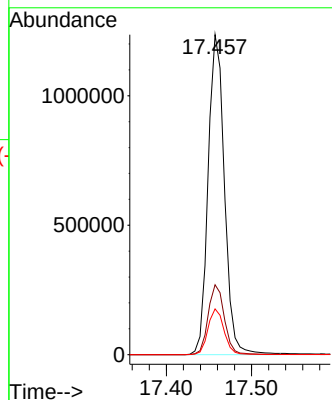


#77
Carbazole
Concen: 50.101 ng/ul
RT: 17.457 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Instrument :
BNA_P
ClientSampleId :

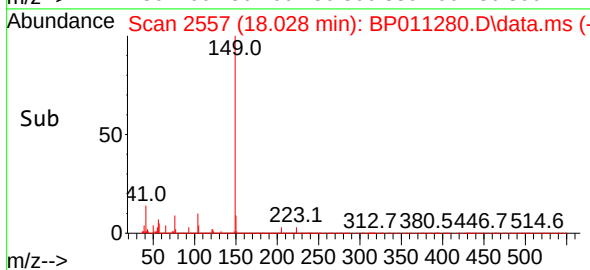
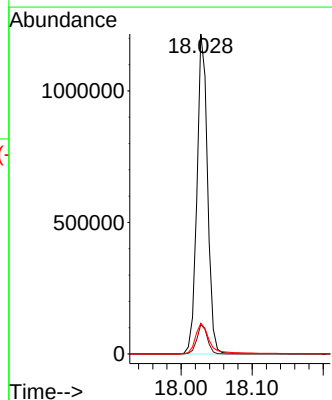
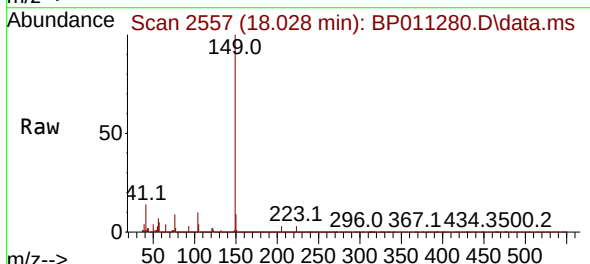


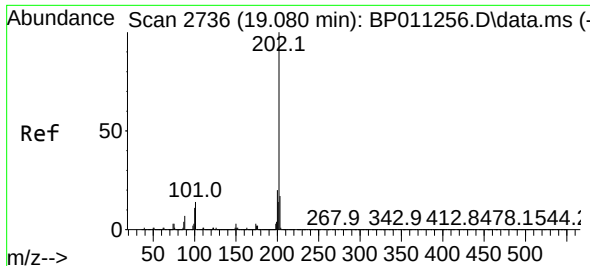
Tgt Ion:167 Resp: 1646267
Ion Ratio Lower Upper
167 100
166 21.8 17.1 25.7
139 14.3 11.5 17.3



#78
Di-n-butylphthalate
Concen: 30.903 ng/ul
RT: 18.028 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:149 Resp: 1259603
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 9.6 5.1 7.7#

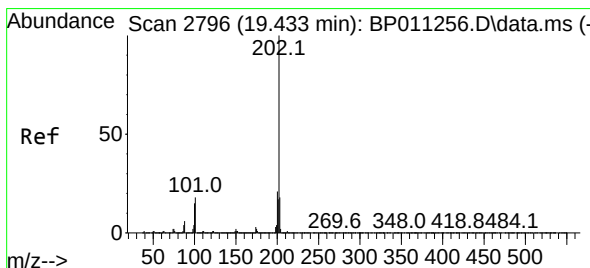
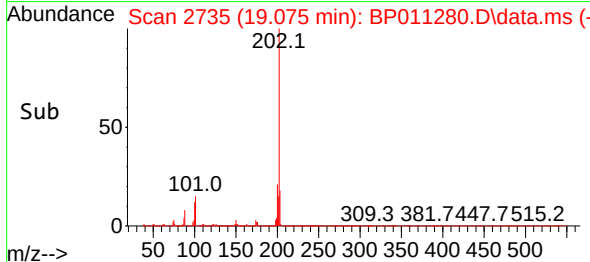
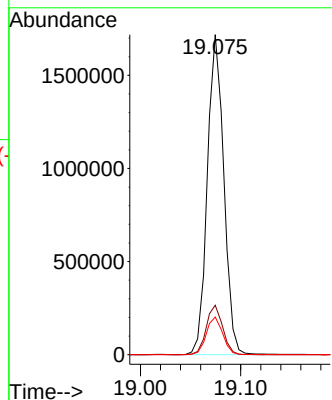
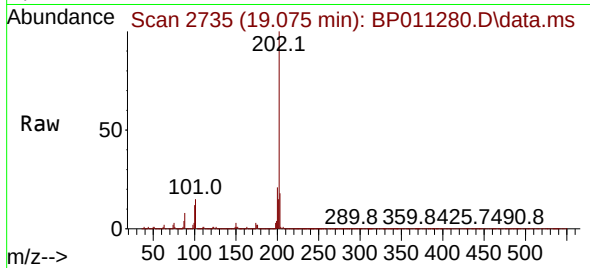




#80
Fluoranthene
Concen: 37.470 ng/ul
RT: 19.075 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

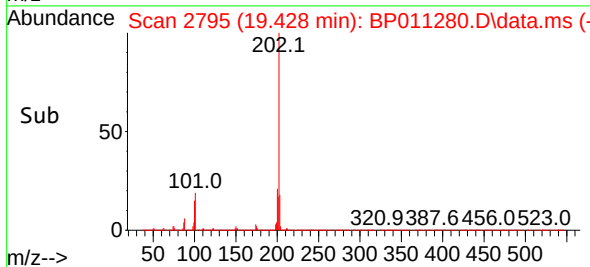
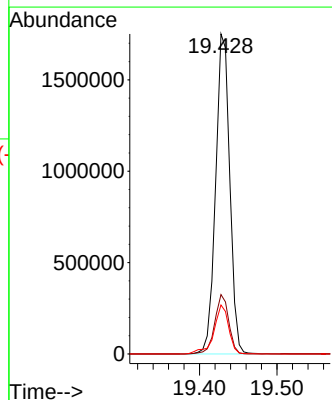
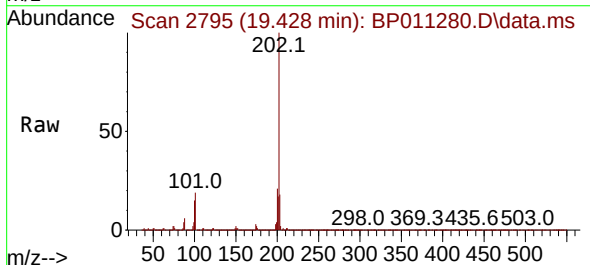
Instrument :
BNA_P
ClientSampleId :

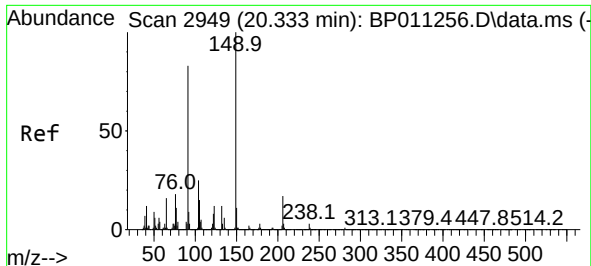
Tgt Ion:202 Resp: 1968607
Ion Ratio Lower Upper
202 100
101 15.4 11.9 17.9
100 11.8 9.3 13.9



#82
Pyrene
Concen: 40.377 ng/ul
RT: 19.428 min Scan# 2795
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:202 Resp: 2213682
Ion Ratio Lower Upper
202 100
101 18.6 14.3 21.5
100 15.3 11.8 17.6

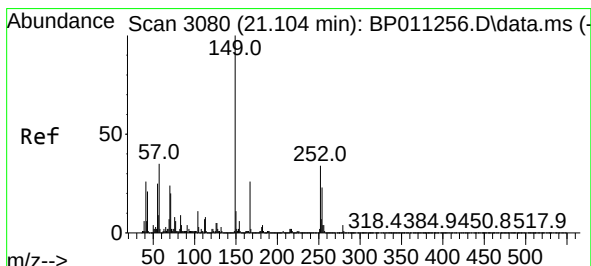
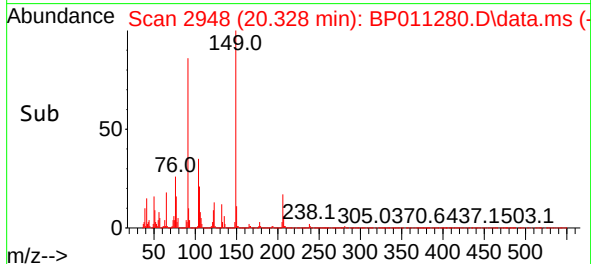
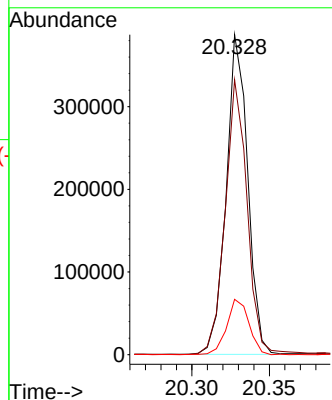
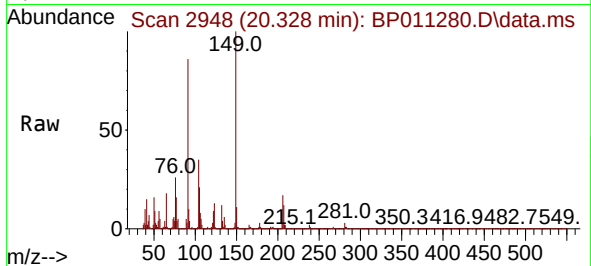




#83
 Butylbenzylphthalate
 Concen: 17.834 ng/ul
 RT: 20.328 min Scan# 2948
 Delta R.T. -0.006 min
 Lab File: BP011280.D
 Acq: 05 Aug 2022 16:03

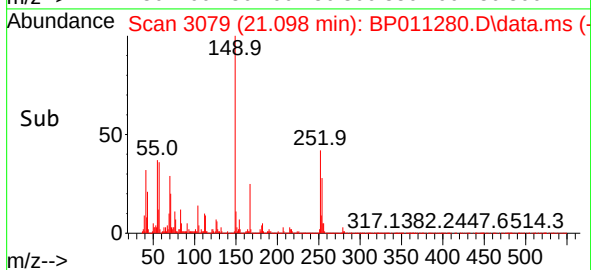
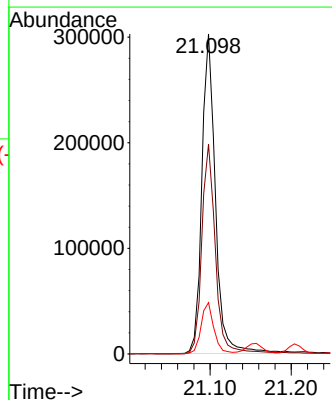
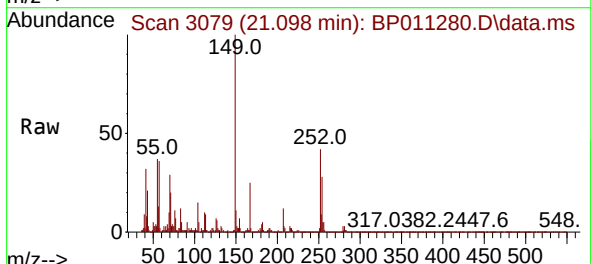
Instrument :
 BNA_P
 ClientSampleId :

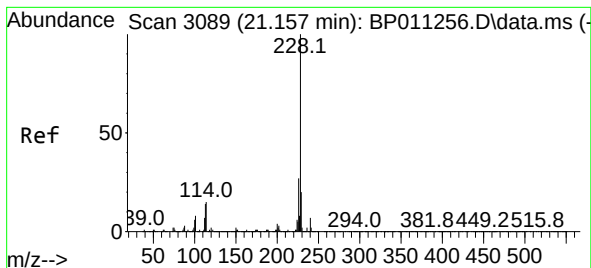
Tgt Ion:149 Resp: 373347
 Ion Ratio Lower Upper
 149 100
 91 85.9 64.2 96.4
 206 17.3 14.0 21.0



#84
 3,3'-Dichlorobenzidine
 Concen: 25.273 ng/ul
 RT: 21.098 min Scan# 3079
 Delta R.T. -0.006 min
 Lab File: BP011280.D
 Acq: 05 Aug 2022 16:03

Tgt Ion:252 Resp: 351200
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.8 77.6
 126 16.1 11.4 17.0





#85

Benzo(a)anthracene

Concen: 40.869 ng/ul

RT: 21.157 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

ClientSampleId :

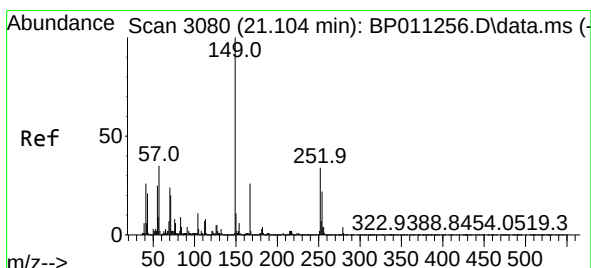
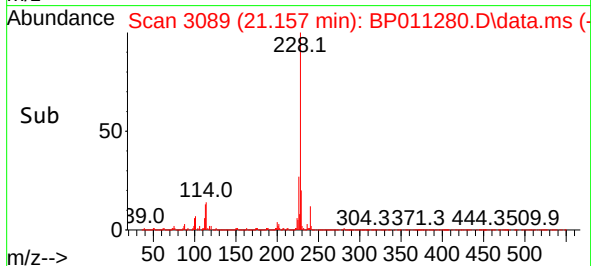
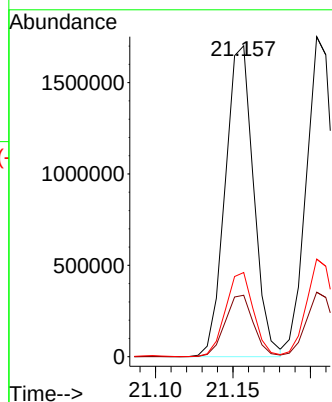
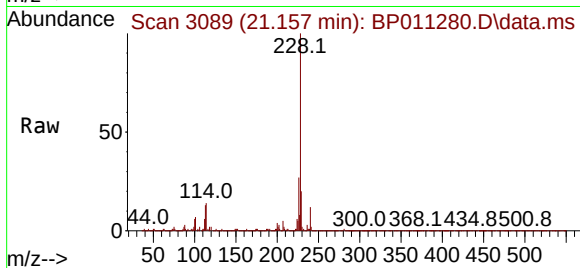
Tgt Ion:228 Resp: 2170283

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 27.1 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.347 ng/ul

RT: 21.098 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

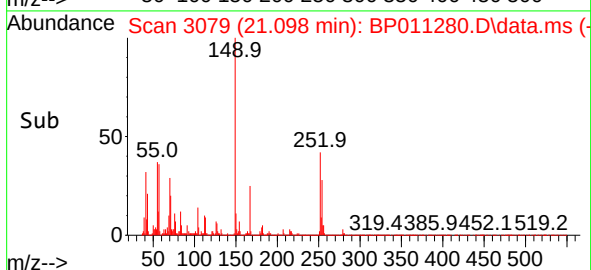
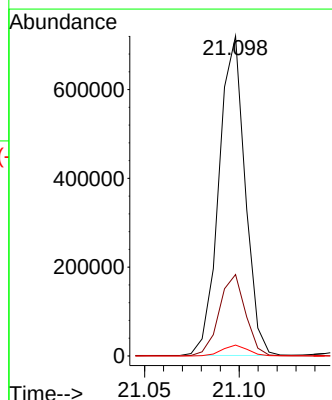
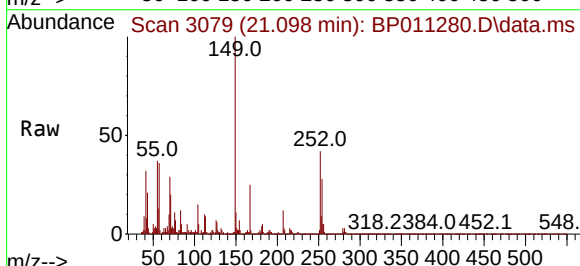
Tgt Ion:149 Resp: 692024

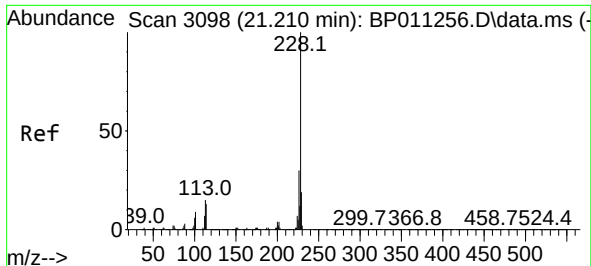
Ion Ratio Lower Upper

149 100

167 25.4 20.4 30.6

279 3.4 2.9 4.3

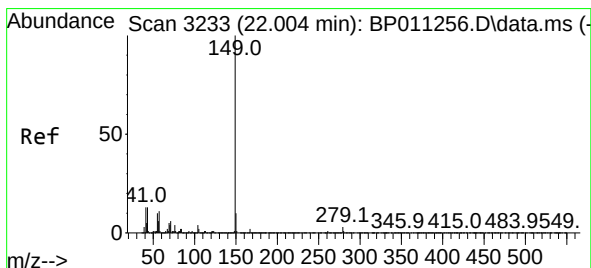
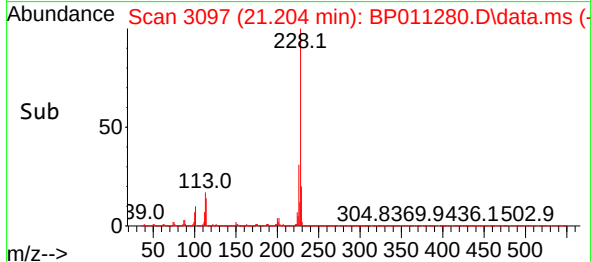
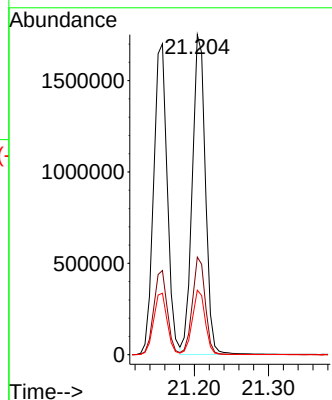
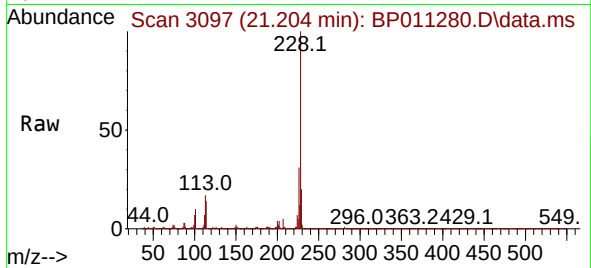




#87
Chrysene
Concen: 41.178 ng/ul
RT: 21.204 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

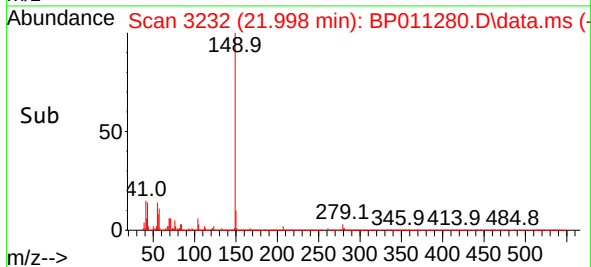
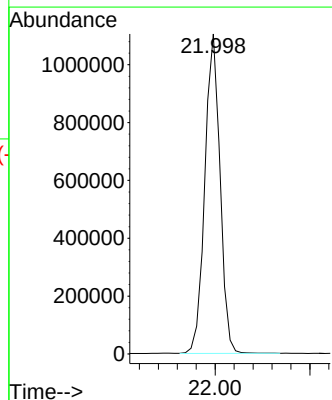
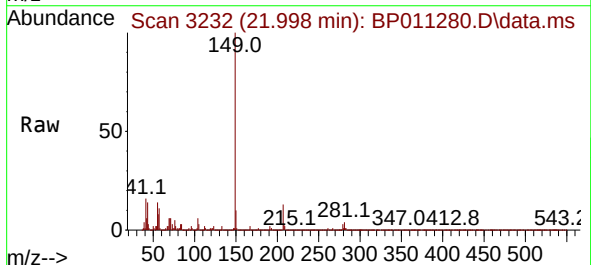
Instrument :
BNA_P
ClientSampleId :

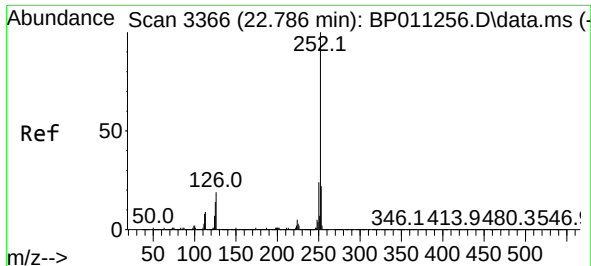
Tgt Ion:228 Resp: 2152328
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 20.2 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 22.824 ng/ul
RT: 21.998 min Scan# 3232
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:149 Resp: 1224770

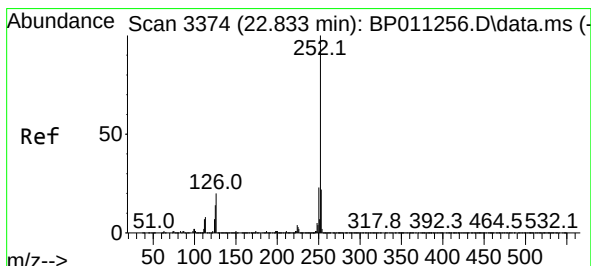
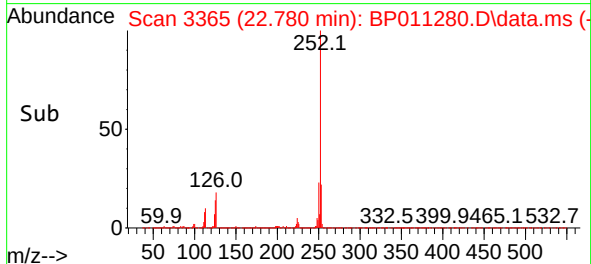
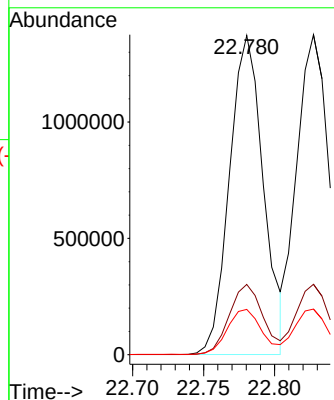
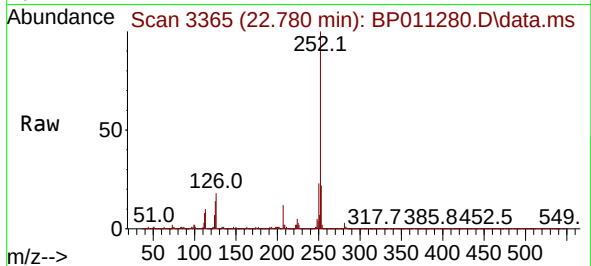




#90
Benzo(b)fluoranthene
Concen: 45.482 ng/ul
RT: 22.780 min Scan# 3366
Delta R.T. -0.012 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

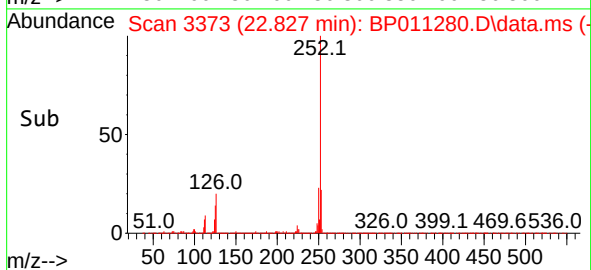
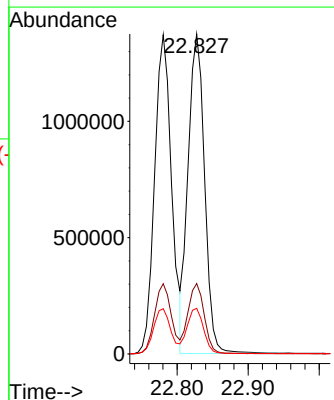
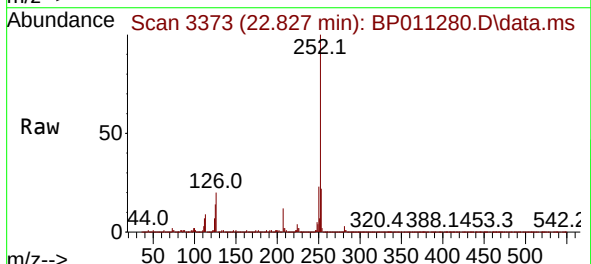
Instrument :
BNA_P
ClientSampleId :

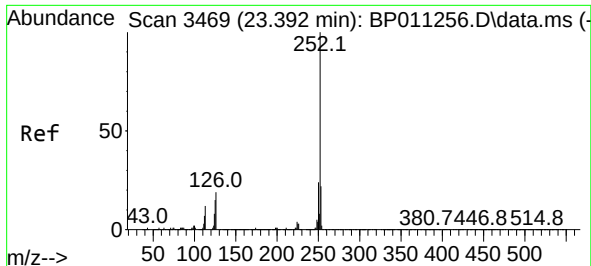
Tgt Ion:252 Resp: 2280507
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 14.2 10.8 16.2



#91
Benzo(k)fluoranthene
Concen: 47.073 ng/ul
RT: 22.827 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

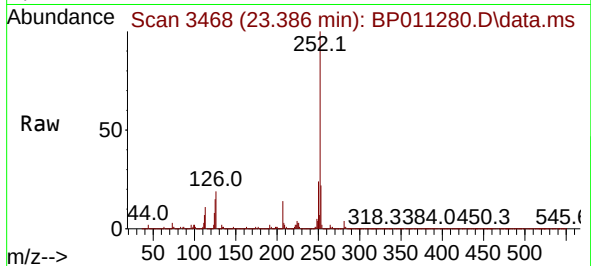
Tgt Ion:252 Resp: 2214399
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 14.2 11.0 16.6



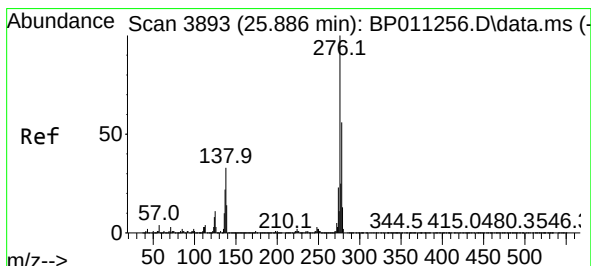
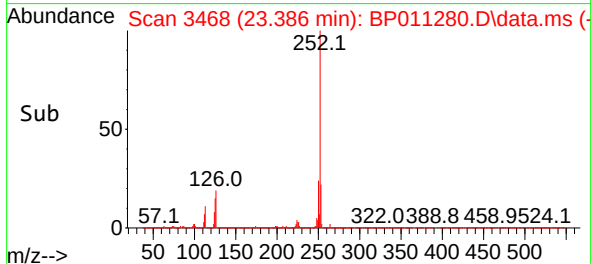
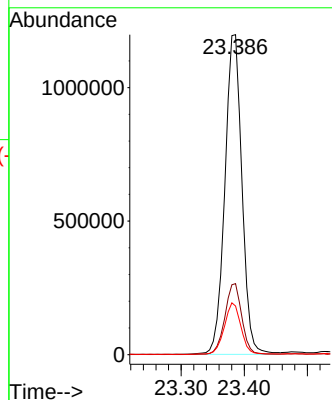


#93
Benzo(a)pyrene
Concen: 46.070 ng/ul
RT: 23.386 min Scan# 3469
Delta R.T. -0.006 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Instrument :
BNA_P
ClientSampleId :

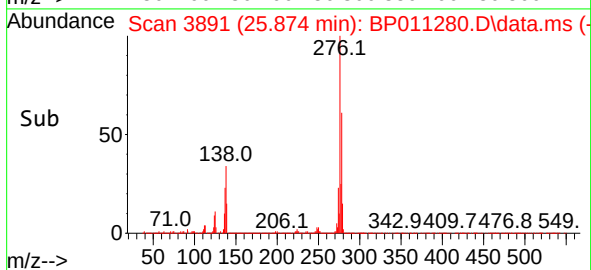
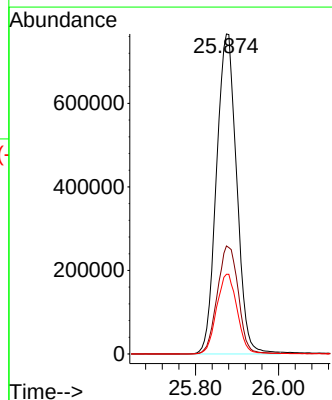
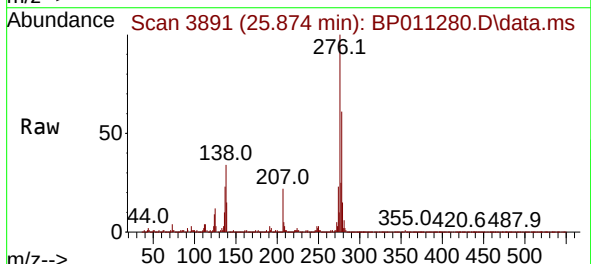


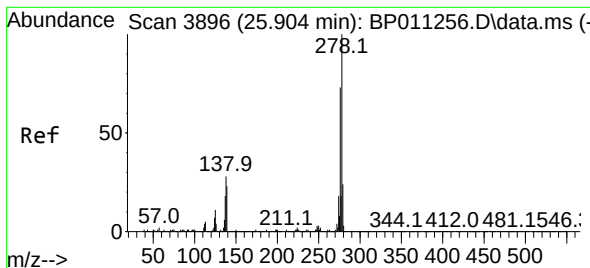
Tgt Ion:252 Resp: 2248619
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 15.2 12.5 18.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 44.305 ng/ul
RT: 25.874 min Scan# 3891
Delta R.T. -0.018 min
Lab File: BP011280.D
Acq: 05 Aug 2022 16:03

Tgt Ion:276 Resp: 2580752
Ion Ratio Lower Upper
276 100
138 33.7 25.5 38.3
277 24.9 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 45.264 ng/ul

RT: 25.892 min Scan# 3894

Delta R.T. -0.018 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Instrument :

BNA_P

ClientSampleId :

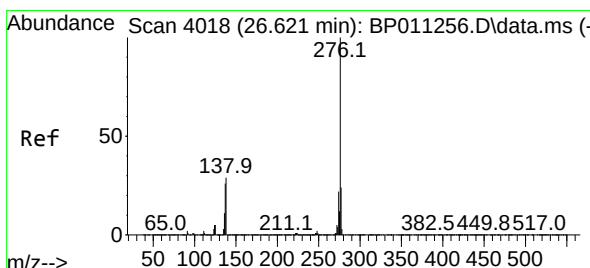
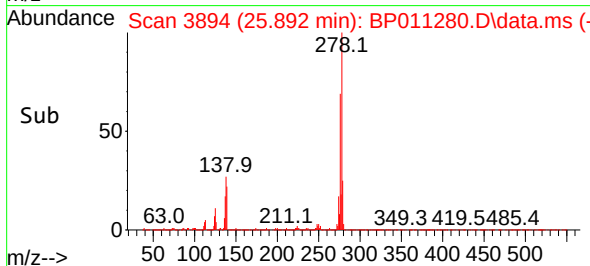
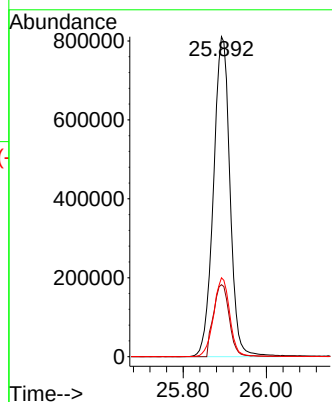
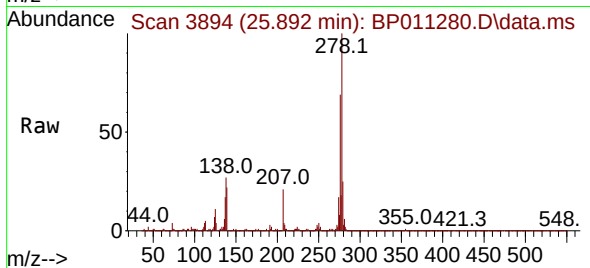
Tgt Ion:278 Resp: 2235878

Ion Ratio Lower Upper

278 100

139 22.5 18.5 27.7

279 24.7 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 43.724 ng/ul

RT: 26.604 min Scan# 4015

Delta R.T. -0.023 min

Lab File: BP011280.D

Acq: 05 Aug 2022 16:03

Tgt Ion:276 Resp: 2182542

Ion Ratio Lower Upper

276 100

138 29.6 22.8 34.2

277 23.8 18.5 27.7

